

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015561.D
 Acq On : 15 Sep 2023 11:37
 Operator : SY/MD
 Sample : VY0915SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 15 15:34:44 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	7.789	168	183886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	310513	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	284571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	147804	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	139471	70.753	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	141.500%
35) Dibromofluoromethane	7.716	113	124825	69.794	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	139.580%
50) Toluene-d8	10.179	98	407972	62.990	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	125.980%
62) 4-Bromofluorobenzene	12.483	95	163435	67.973	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	135.940%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	24044	15.042	ug/l	90
3) Chloromethane	2.113	50	31640	14.905	ug/l	98
4) Vinyl Chloride	2.247	62	36421	14.740	ug/l	97
5) Bromomethane	2.643	94	26405	15.019	ug/l	98
6) Chloroethane	2.784	64	27101	16.687	ug/l	98
7) Trichlorofluoromethane	3.119	101	61188	17.507	ug/l	100
8) Diethyl Ether	3.534	74	24277	20.325	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.893	101	35895	18.530	ug/l	96
10) Methyl Iodide	4.088	142	34243	15.053	ug/l	96
11) Tert butyl alcohol	4.930	59	70427	151.819	ug/l #	89
12) 1,1-Dichloroethene	3.869	96	31515	17.241	ug/l	93
13) Acrolein	3.729	56	29914	63.725	ug/l	97
14) Allyl chloride	4.472	41	55848	19.189	ug/l	96
15) Acrylonitrile	5.167	53	81996	109.093	ug/l	97
16) Acetone	3.954	43	98518	119.738	ug/l	97
17) Carbon Disulfide	4.186	76	64236	11.754	ug/l	100
18) Methyl Acetate	4.479	43	62023	20.812	ug/l	93
19) Methyl tert-butyl Ether	5.222	73	128338	21.602	ug/l	100
20) Methylene Chloride	4.710	84	61991	19.228	ug/l	92
21) trans-1,2-Dichloroethene	5.216	96	37558	17.843	ug/l	99
22) Diisopropyl ether	6.118	45	133380	20.954	ug/l	97
23) Vinyl Acetate	6.057	43	415958	103.501	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	73278	19.915	ug/l	97
25) 2-Butanone	6.990	43	136781	117.210	ug/l	96
26) 2,2-Dichloropropane	6.984	77	67981	21.752	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	47863	20.044	ug/l	98
28) Bromochloromethane	7.332	49	22438	19.885	ug/l	92
29) Tetrahydrofuran	7.356	42	76187	103.962	ug/l	92
30) Chloroform	7.508	83	82628	21.361	ug/l	99
31) Cyclohexane	7.783	56	54725	15.629	ug/l	87
32) 1,1,1-Trichloroethane	7.704	97	68639	19.867	ug/l	99
36) 1,1-Dichloropropene	7.917	75	54381	17.317	ug/l	99
37) Ethyl Acetate	7.076	43	49839	20.577	ug/l #	95
38) Carbon Tetrachloride	7.905	117	59592	18.373	ug/l	99
39) Methylcyclohexane	9.185	83	61459	15.545	ug/l	93
40) Benzene	8.161	78	164659	18.793	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	22258	19.597	ug/l	92
42) 1,2-Dichloroethane	8.240	62	58979	20.187	ug/l	96
43) Isopropyl Acetate	8.271	43	87444	20.879	ug/l	96
44) Trichloroethene	8.941	130	47370	19.109	ug/l	95
45) 1,2-Dichloropropane	9.215	63	44351	20.080	ug/l	99
46) Dibromomethane	9.307	93	29492	20.101	ug/l	96
47) Bromodichloromethane	9.496	83	66576	21.219	ug/l	100
48) Methyl methacrylate	9.295	41	38159	19.858	ug/l	93
49) 1,4-Dioxane	9.307	88	10922	400.781	ug/l #	47
51) 4-Methyl-2-Pentanone	10.069	43	265621	109.117	ug/l	94
52) Toluene	10.246	92	108189	19.266	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	68494	20.541	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	74080	20.423	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	41290	20.887	ug/l	98
56) Ethyl methacrylate	10.508	69	61111	20.861	ug/l	90
57) 1,3-Dichloropropane	10.788	76	70240	20.641	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	102421	97.950	ug/l	94
59) 2-Hexanone	10.831	43	205287	112.390	ug/l	91
60) Dibromochloromethane	10.983	129	49201	21.264	ug/l	99
61) 1,2-Dibromoethane	11.087	107	41666	20.801	ug/l	98
64) Tetrachloroethene	10.721	164	51860	20.078	ug/l	98
65) Chlorobenzene	11.514	112	122371	19.956	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	47695	21.250	ug/l	99
67) Ethyl Benzene	11.593	91	213426	19.383	ug/l	100
68) m/p-Xylenes	11.703	106	165061	38.673	ug/l	95
69) o-Xylene	12.032	106	80498	19.735	ug/l	98
70) Styrene	12.044	104	137026	19.979	ug/l	98
71) Bromoform	12.209	173	34319	21.920	ug/l #	98
73) Isopropylbenzene	12.331	105	213714	19.250	ug/l	100
74) N-amyl acetate	12.142	43	75694	20.294	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	54283	20.482	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	73204	37.348	ug/l #	100
77) Bromobenzene	12.611	156	52331	19.902	ug/l	96
78) n-propylbenzene	12.672	91	258973	19.278	ug/l	99
79) 2-Chlorotoluene	12.758	91	146559	19.451	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	180299	19.416	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	18002	20.260	ug/l	98
82) 4-Chlorotoluene	12.855	91	152186	19.434	ug/l	99
83) tert-Butylbenzene	13.075	119	156018	19.182	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	180592	19.587	ug/l	100
85) sec-Butylbenzene	13.251	105	235151	19.384	ug/l	99
86) p-Isopropyltoluene	13.367	119	198435	19.517	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	104370	20.106	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	106725	20.339	ug/l	99
89) n-Butylbenzene	13.696	91	187589	19.602	ug/l	97
90) Hexachloroethane	13.965	117	36851	20.265	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	97638	20.610	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11127	21.224	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	62300	20.941	ug/l	99
94) Hexachlorobutadiene	15.111	225	32665	20.135	ug/l	98
95) Naphthalene	15.239	128	156235	21.200	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	56834	20.943	ug/l	99

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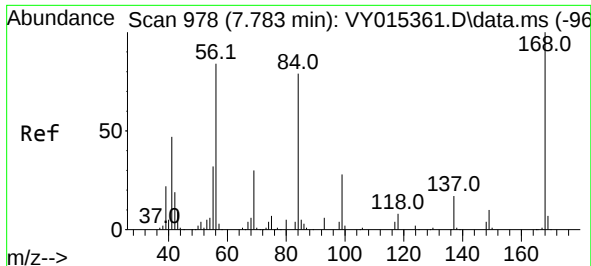
Quant Time: Sep 15 15:34:44 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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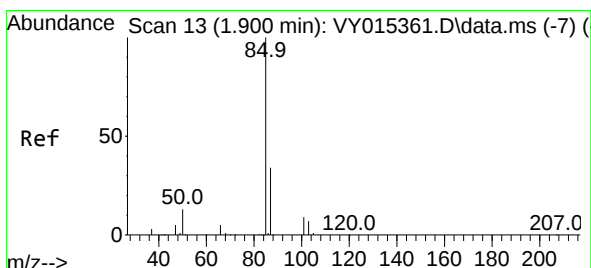
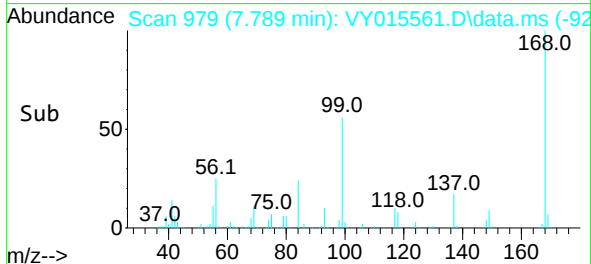
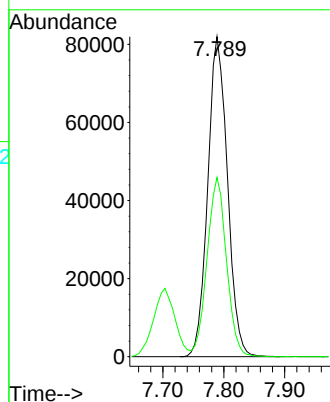
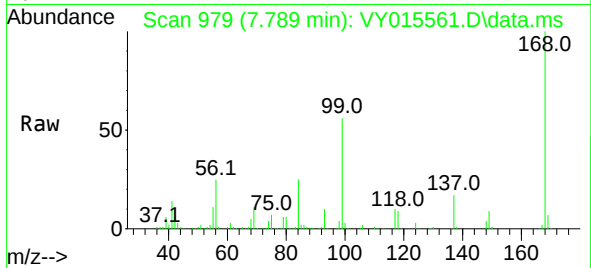




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015561.D
Acq: 15 Sep 2023 11:37

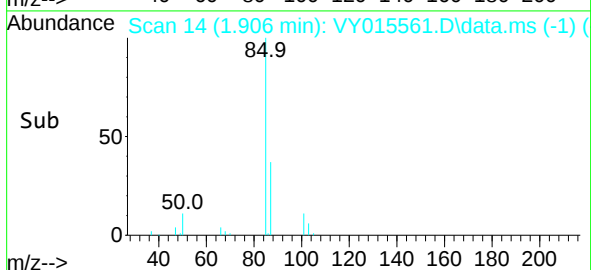
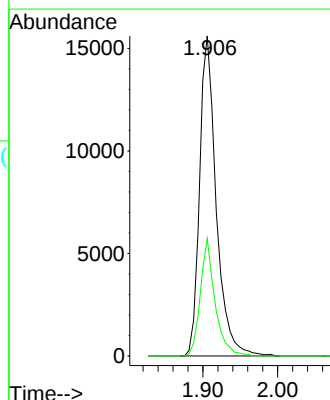
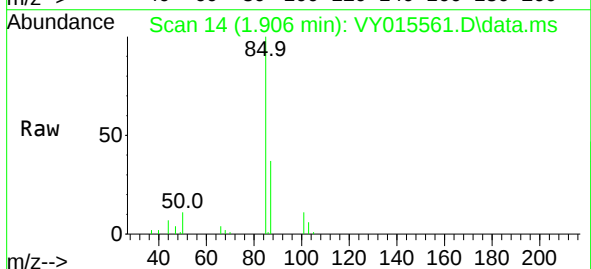
Instrument :
MSVOA_Y
ClientSampleId :

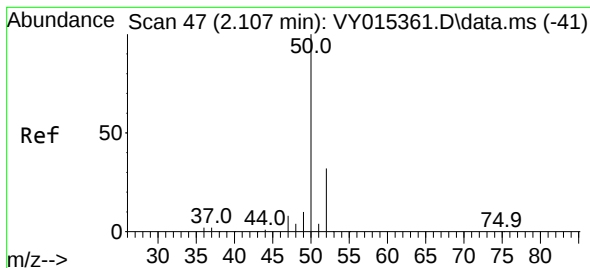
Tgt Ion:168 Resp: 183886
Ion Ratio Lower Upper
168 100
99 56.0 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 15.042 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015561.D
Acq: 15 Sep 2023 11:37

Tgt Ion: 85 Resp: 24044
Ion Ratio Lower Upper
85 100
87 36.6 15.6 46.8





#3

Chloromethane

Concen: 14.905 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY015561.D

Acq: 15 Sep 2023 11:37

Instrument :

MSVOA_Y

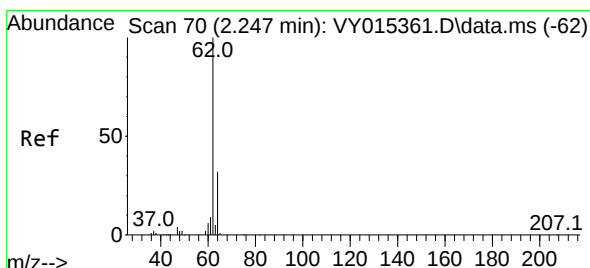
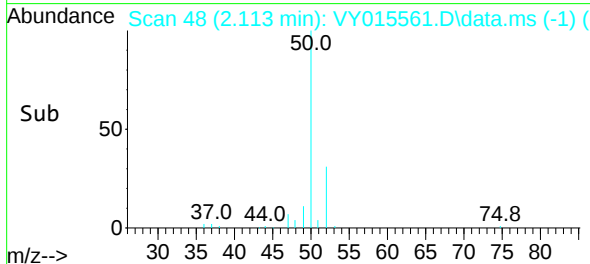
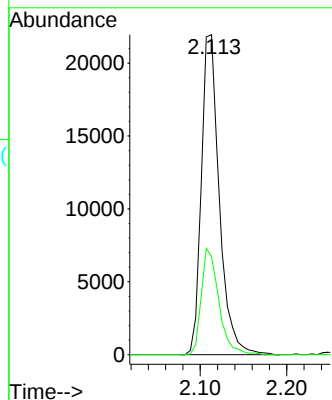
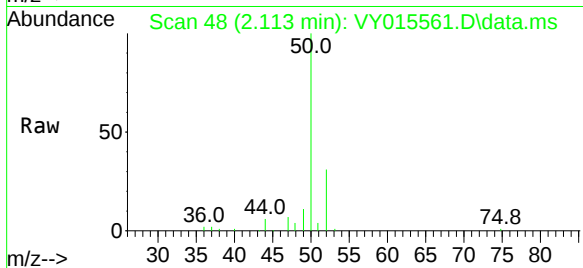
ClientSampleId :

Tgt Ion: 50 Resp: 31640

Ion Ratio Lower Upper

50 100

52 30.7 25.4 38.2



#4

Vinyl Chloride

Concen: 14.740 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.006 min

Lab File: VY015561.D

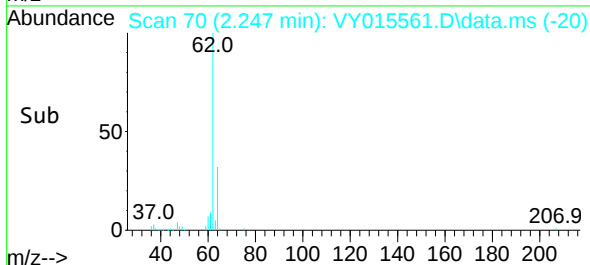
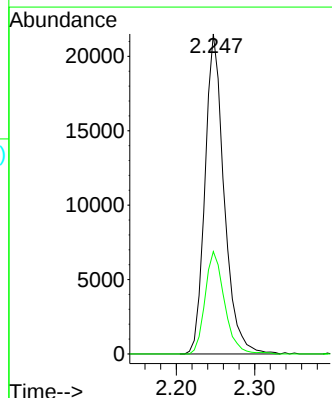
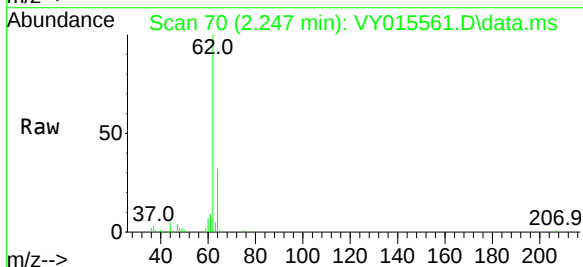
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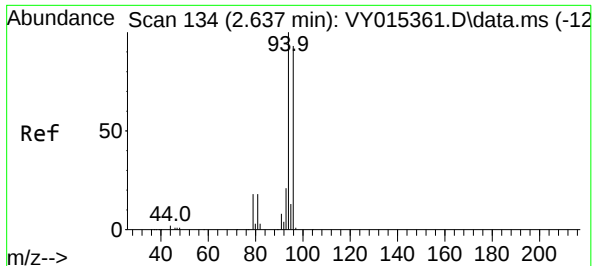
Tgt Ion: 62 Resp: 36421

Ion Ratio Lower Upper

62 100

64 32.0 24.3 36.5





#5

Bromomethane

Concen: 15.019 ug/l

RT: 2.643 min Scan# 11

Delta R.T. 0.006 min

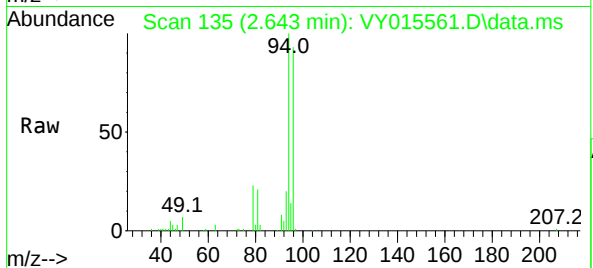
Lab File: VY015561.D

Acq: 15 Sep 2023 11:37

Instrument :

MSVOA_Y

ClientSampleId :

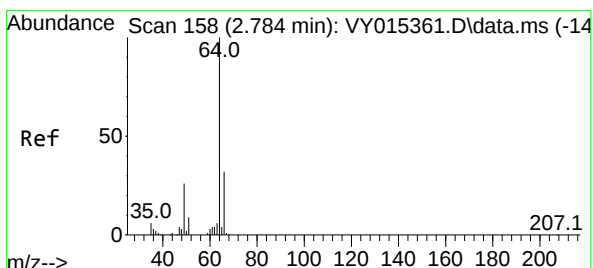
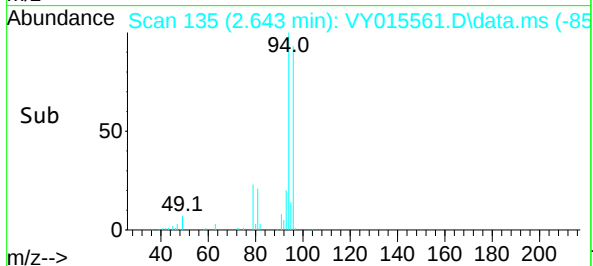
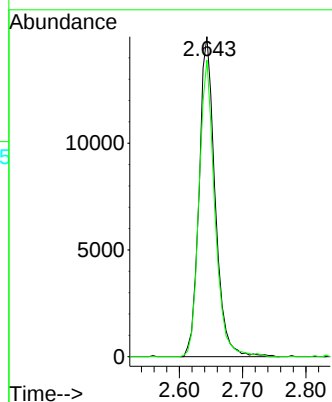


Tgt Ion: 94 Resp: 26405

Ion Ratio Lower Upper

94 100

96 92.7 75.8 113.6



#6

Chloroethane

Concen: 16.687 ug/l

RT: 2.784 min Scan# 158

Delta R.T. 0.000 min

Lab File: VY015561.D

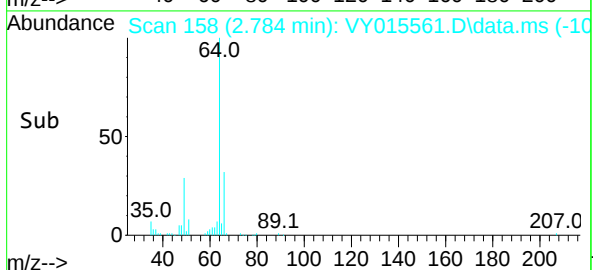
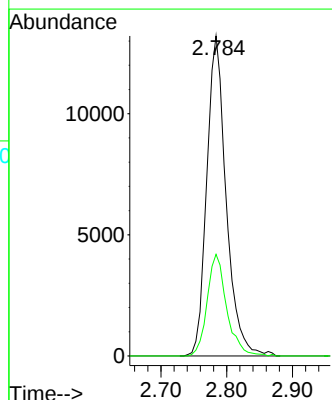
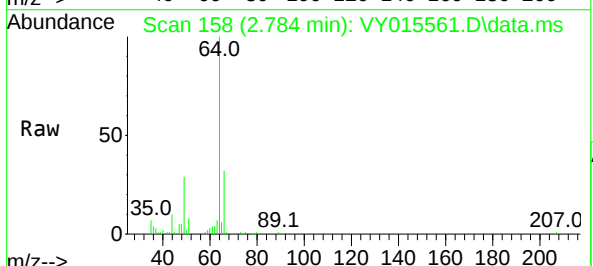
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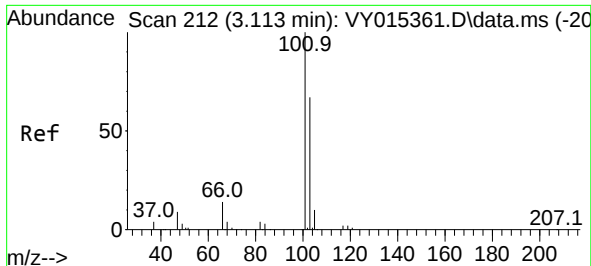
Tgt Ion: 64 Resp: 27101

Ion Ratio Lower Upper

64 100

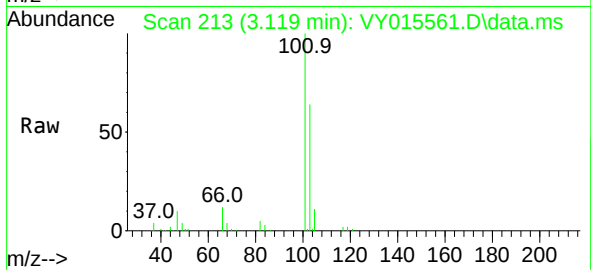
66 31.7 24.4 36.6



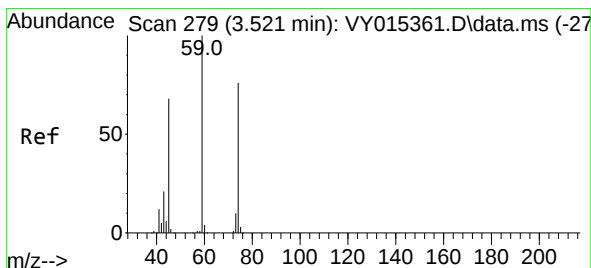
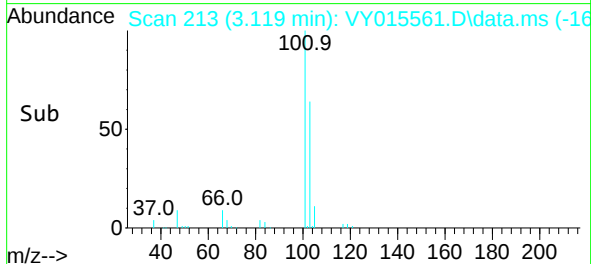
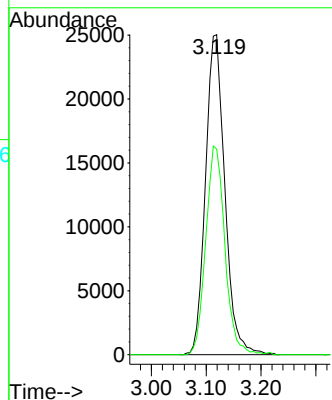


#7
 Trichlorofluoromethane
 Concen: 17.507 ug/l
 RT: 3.119 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY015561.D
 Acq: 15 Sep 2023 11:37

Instrument :
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 ClientSampleId :

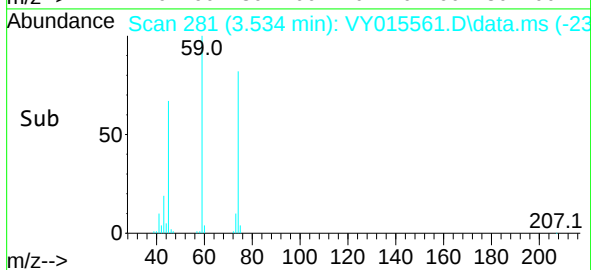
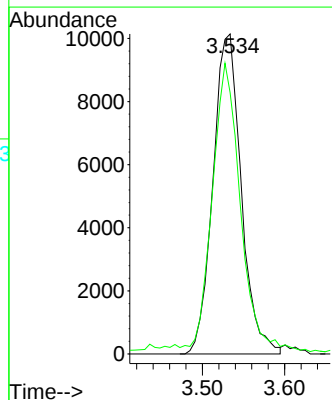
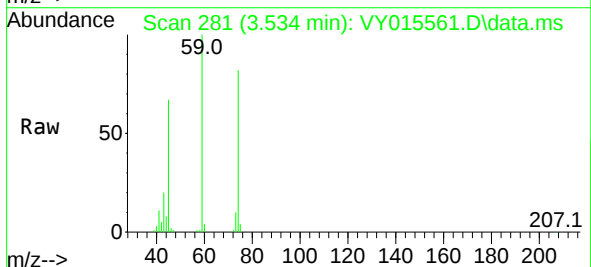


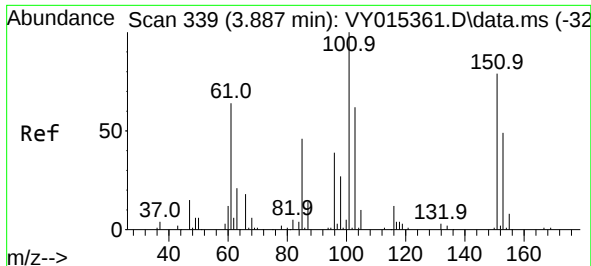
Tgt Ion:101 Resp: 61188
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.4 77.0



#8
 Diethyl Ether
 Concen: 20.325 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.012 min
 Lab File: VY015561.D
 Acq: 15 Sep 2023 11:37

Tgt Ion: 74 Resp: 24277
 Ion Ratio Lower Upper
 74 100
 45 90.9 51.5 154.5

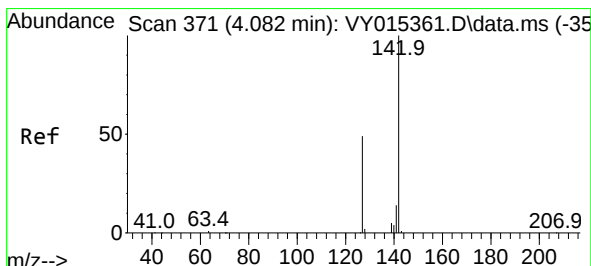
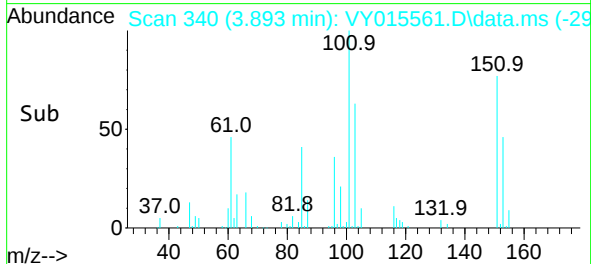
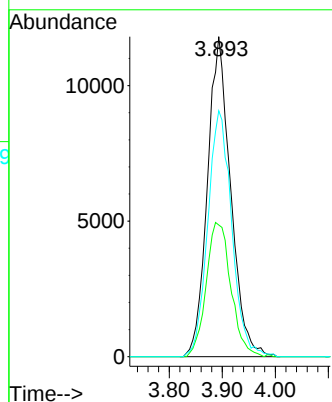
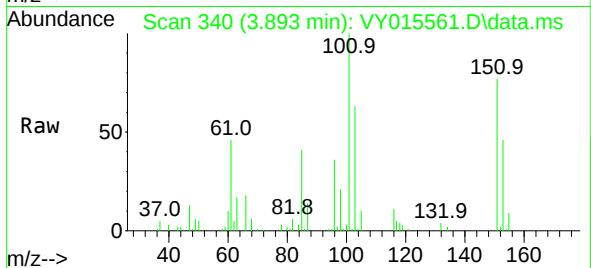




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.530 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY015561.D
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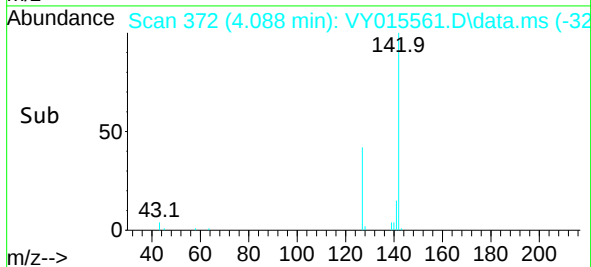
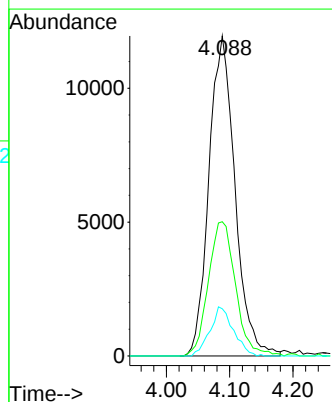
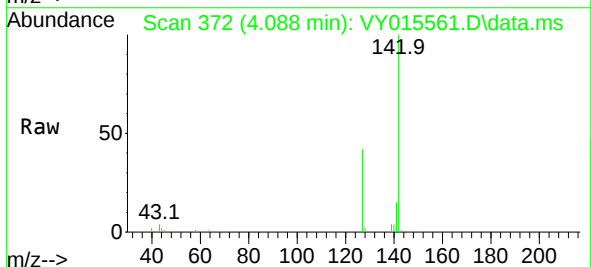
Instrument :
MSVOA_Y
ClientSampleId :

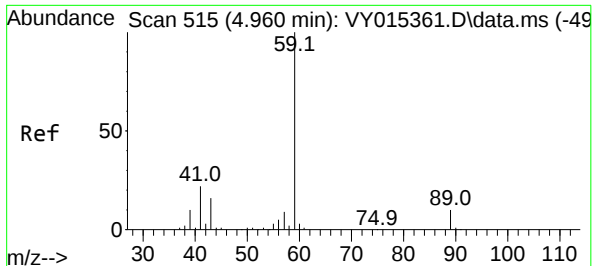
Tgt Ion:101 Resp: 35895
Ion Ratio Lower Upper
101 100
85 44.5 36.6 55.0
151 79.5 67.0 100.6



#10
Methyl Iodide
Concen: 15.053 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY015561.D
Acq: 15 Sep 2023 11:37

Tgt Ion:142 Resp: 34243
Ion Ratio Lower Upper
142 100
127 43.7 37.6 56.4
141 13.8 11.8 17.8





#11

Tert butyl alcohol

Concen: 151.819 ug/l

RT: 4.930 min Scan# 51

Delta R.T. -0.024 min

Lab File: VY015561.D

Acq: 15 Sep 2023 11:37

Instrument :

MSVOA_Y

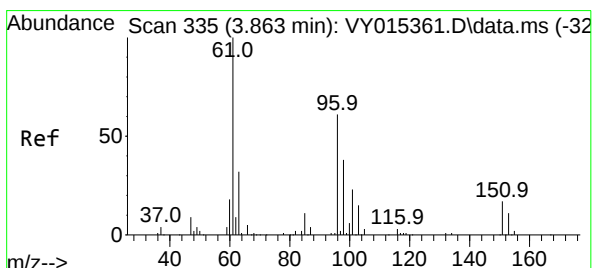
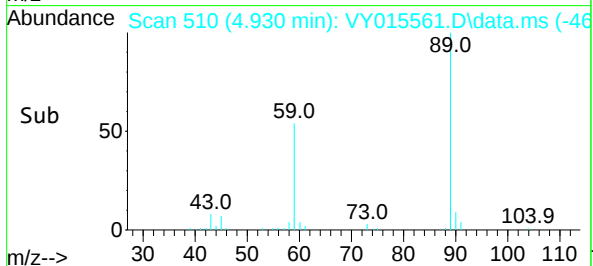
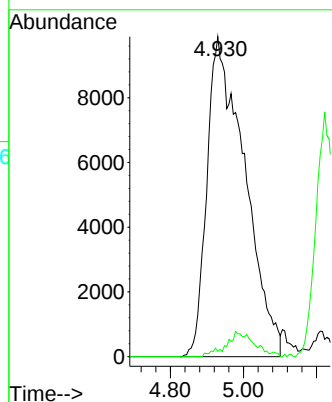
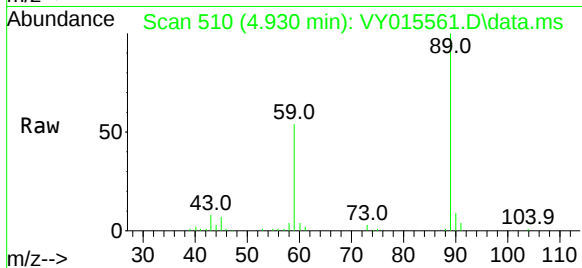
ClientSampleId :

Tgt Ion: 59 Resp: 70427

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 17.241 ug/l

RT: 3.869 min Scan# 336

Delta R.T. 0.006 min

Lab File: VY015561.D

Acq: 15 Sep 2023 11:37

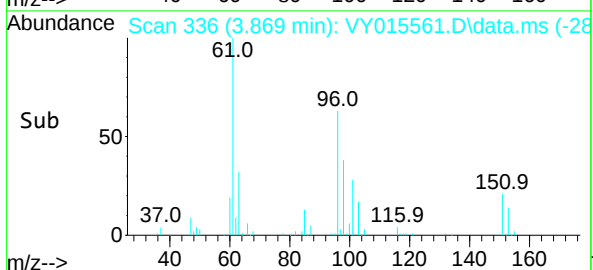
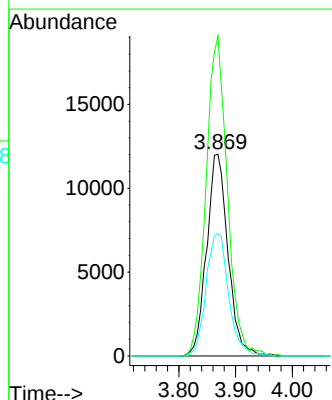
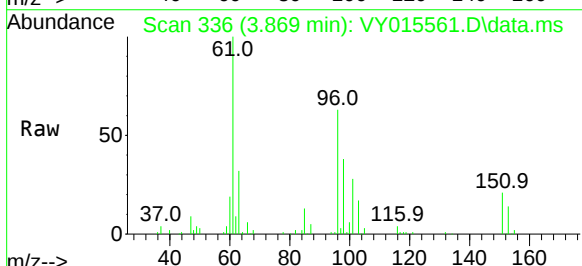
Tgt Ion: 96 Resp: 31515

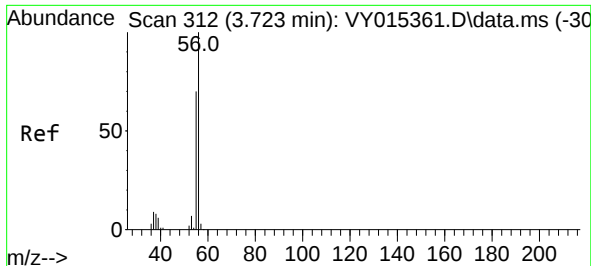
Ion Ratio Lower Upper

96 100

61 158.6 136.4 204.6

98 60.7 49.4 74.2





#13

Acrolein

Concen: 63.725 ug/l

RT: 3.729 min Scan# 312

Delta R.T. 0.006 min

Lab File: VY015561.D

Acq: 15 Sep 2023 11:37

Instrument :

MSVOA_Y

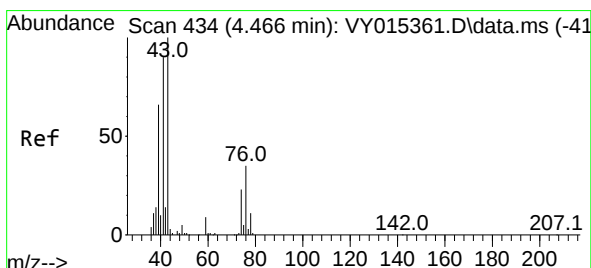
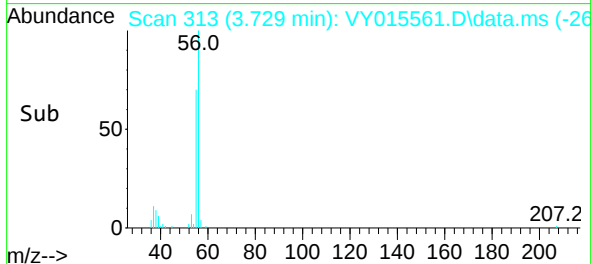
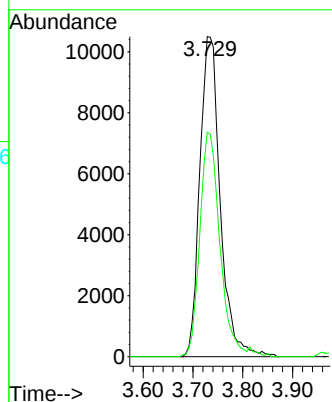
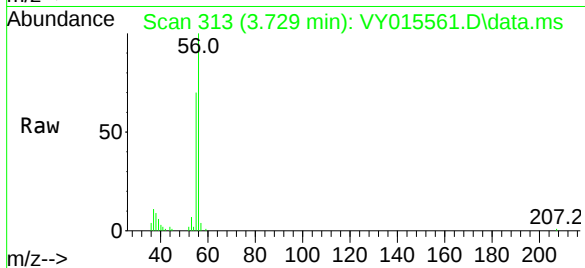
ClientSampleId :

Tgt Ion: 56 Resp: 29914

Ion Ratio Lower Upper

56 100

55 68.4 57.0 85.4



#14

Allyl chloride

Concen: 19.189 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.000 min

Lab File: VY015561.D

Acq: 15 Sep 2023 11:37

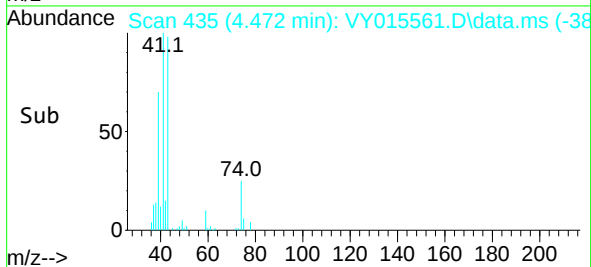
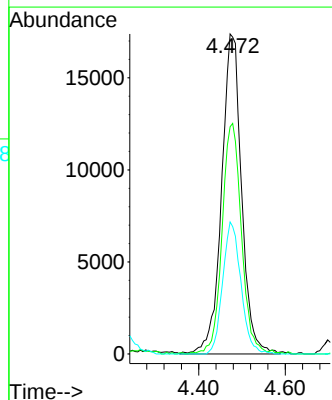
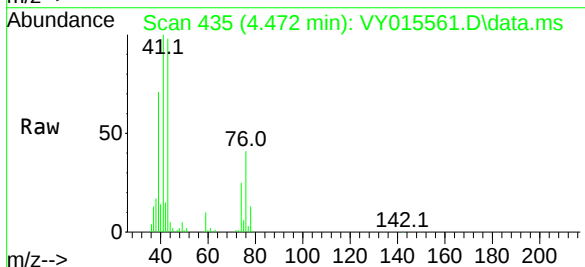
Tgt Ion: 41 Resp: 55848

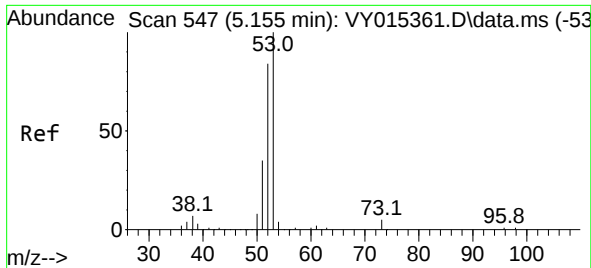
Ion Ratio Lower Upper

41 100

39 69.6 58.0 87.0

76 37.6 27.4 41.2

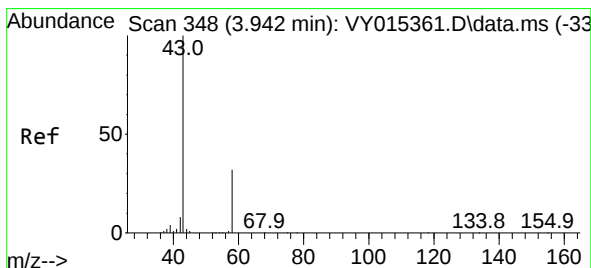
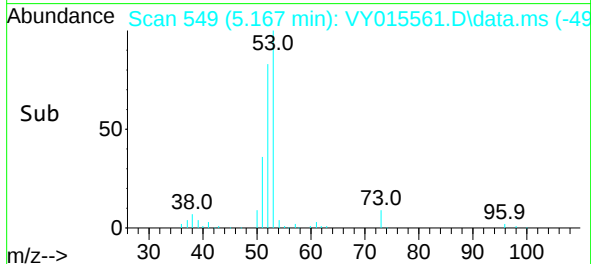
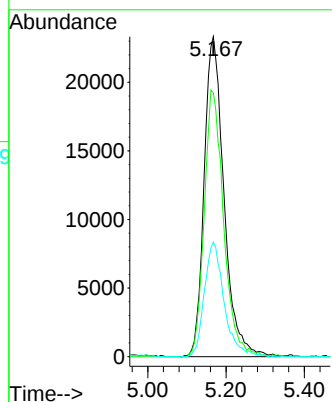
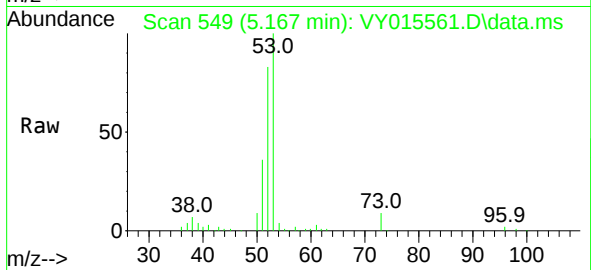




#15
Acrylonitrile
Concen: 109.093 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY015561.D
Acq: 15 Sep 2023 11:37

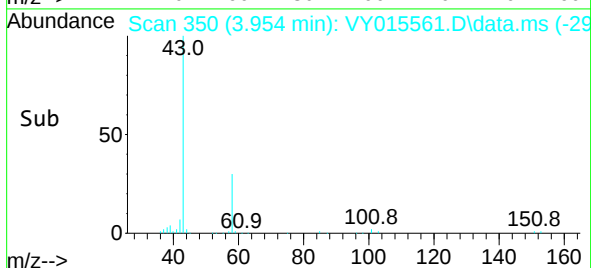
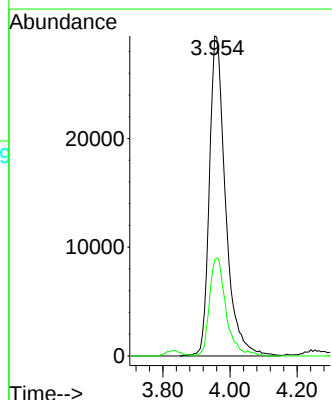
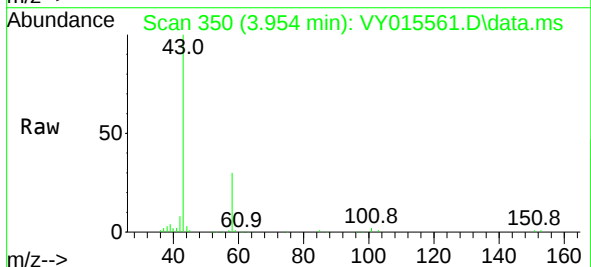
Instrument :
MSVOA_Y
ClientSampleId :

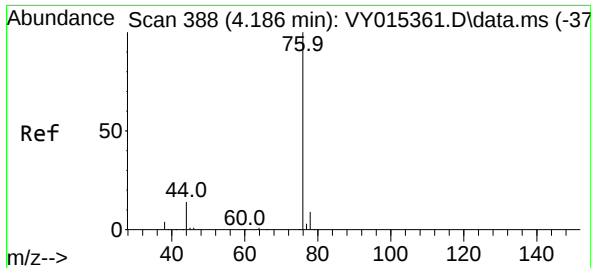
Tgt Ion: 53 Resp: 81996
Ion Ratio Lower Upper
53 100
52 81.4 66.9 100.3
51 35.7 29.8 44.6



#16
Acetone
Concen: 119.738 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015561.D
Acq: 15 Sep 2023 11:37

Tgt Ion: 43 Resp: 98518
Ion Ratio Lower Upper
43 100
58 30.0 22.7 34.1

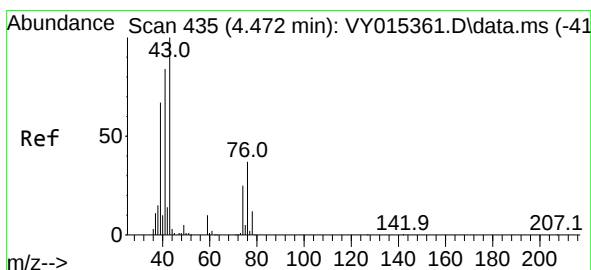
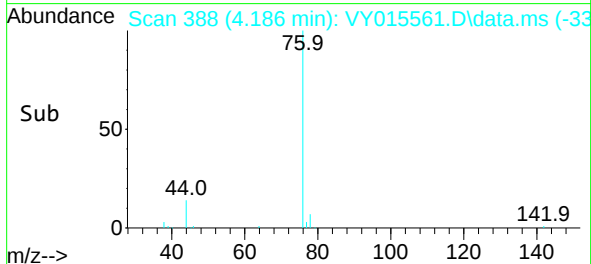
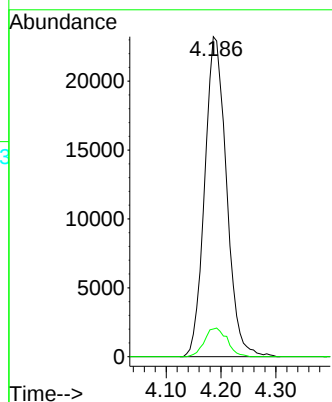
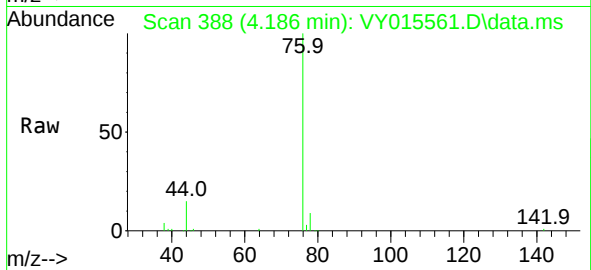




#17
Carbon Disulfide
Concen: 11.754 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY015561.D
Acq: 15 Sep 2023 11:37

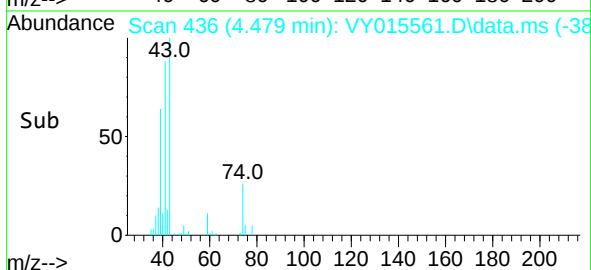
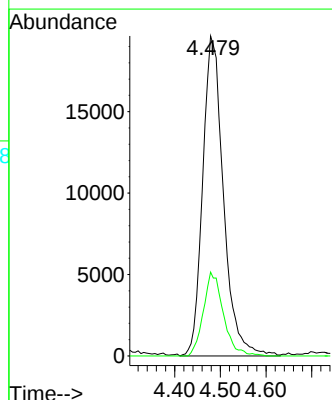
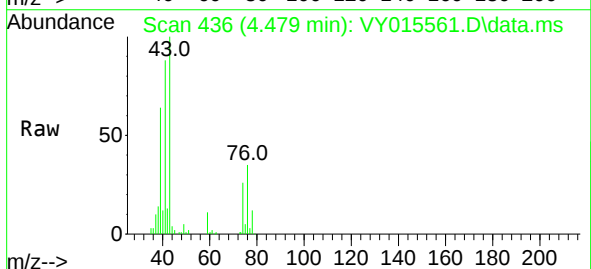
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 64236
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4



#18
Methyl Acetate
Concen: 20.812 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY015561.D
Acq: 15 Sep 2023 11:37

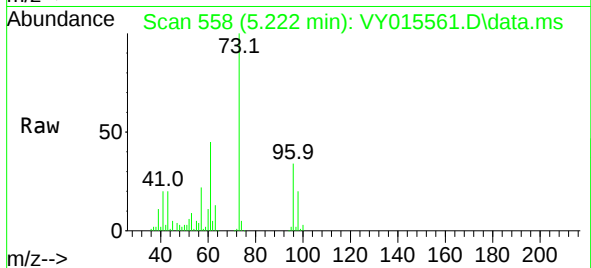
Tgt Ion: 43 Resp: 62023
Ion Ratio Lower Upper
43 100
74 25.2 17.4 26.0



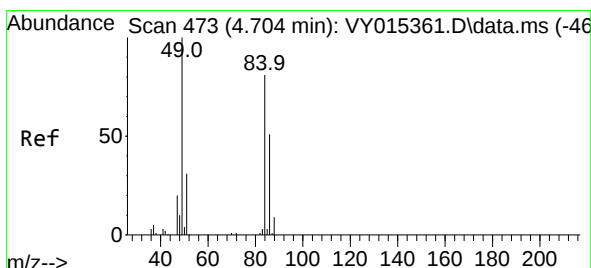
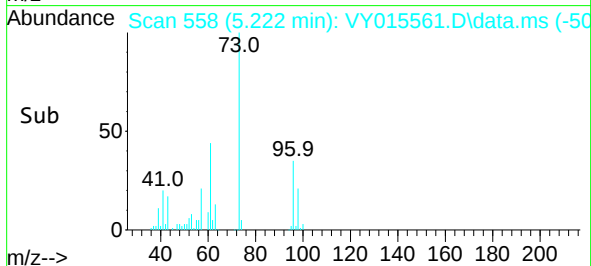
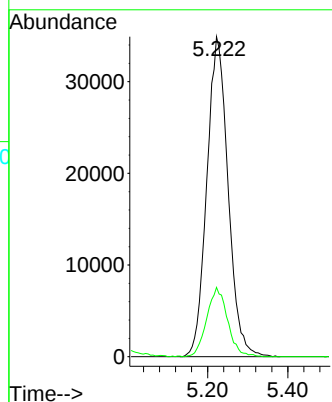


#19
Methyl tert-butyl Ether
Concen: 21.602 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY015561.D
Acq: 15 Sep 2023 11:37

Instrument :
MSVOA_Y
ClientSampleId :

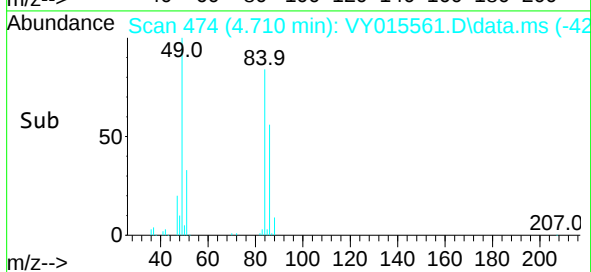
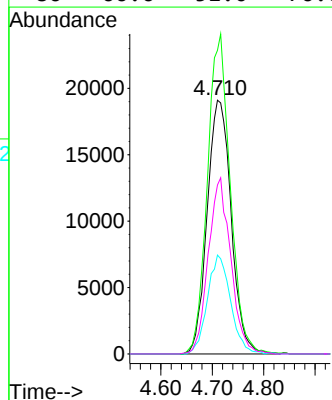
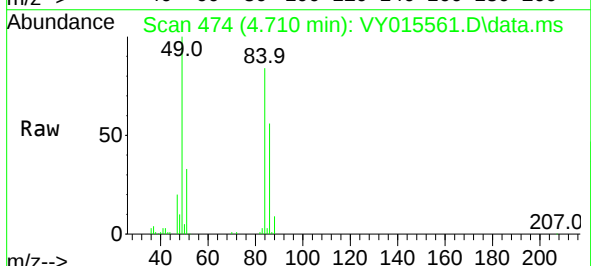


Tgt Ion: 73 Resp: 128338
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9



#20
Methylene Chloride
Concen: 19.228 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY015561.D
Acq: 15 Sep 2023 11:37

Tgt Ion: 84 Resp: 61991
Ion Ratio Lower Upper
84 100
49 119.7 106.9 160.3
51 39.0 33.2 49.8
86 66.6 51.0 76.6

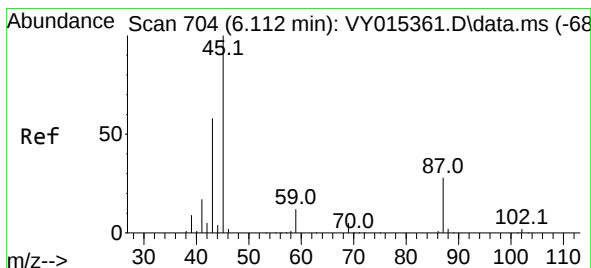
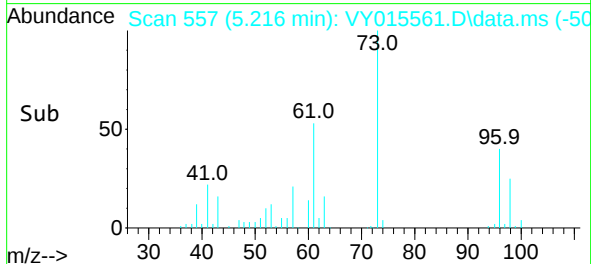
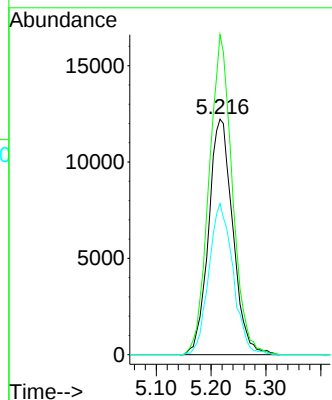
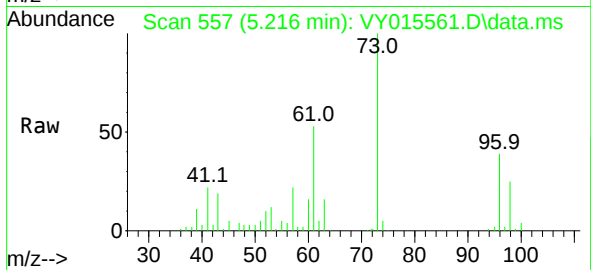




#21
trans-1,2-Dichloroethene
Concen: 17.843 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015561.D
Acq: 15 Sep 2023 11:37

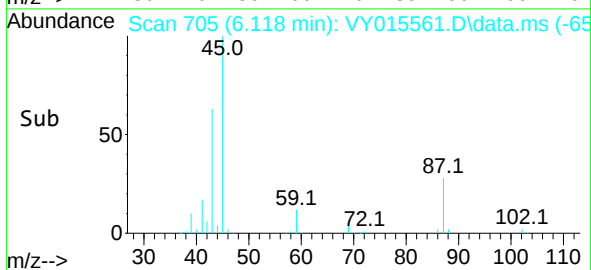
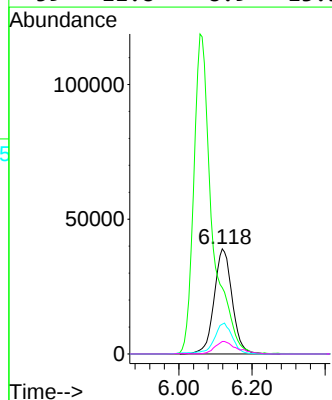
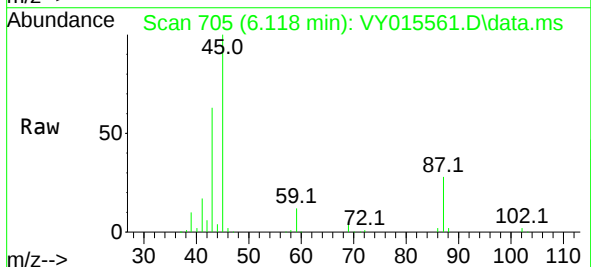
Instrument :
MSVOA_Y
ClientSampleId :

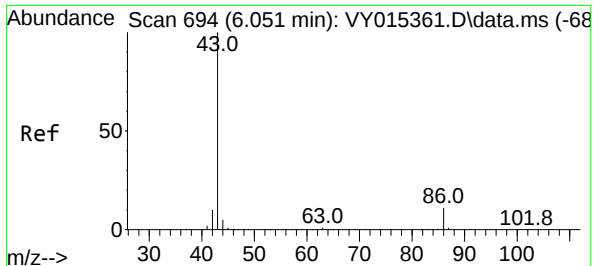
Tgt Ion: 96 Resp: 37558
Ion Ratio Lower Upper
96 100
61 135.9 110.2 165.4
98 64.1 51.8 77.6



#22
Diisopropyl ether
Concen: 20.954 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY015561.D
Acq: 15 Sep 2023 11:37

Tgt Ion: 45 Resp: 133380
Ion Ratio Lower Upper
45 100
43 62.5 52.2 78.4
87 28.3 21.0 31.6
59 11.8 8.9 13.3





#23

Vinyl Acetate

Concen: 103.501 ug/l

RT: 6.057 min Scan# 694

Delta R.T. 0.006 min

Lab File: VY015561.D

Acq: 15 Sep 2023 11:37

Instrument :

MSVOA_Y

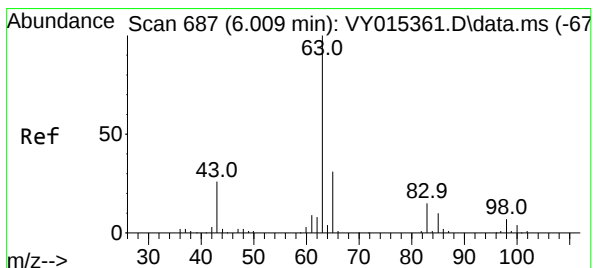
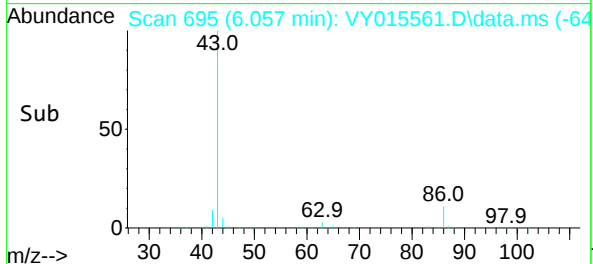
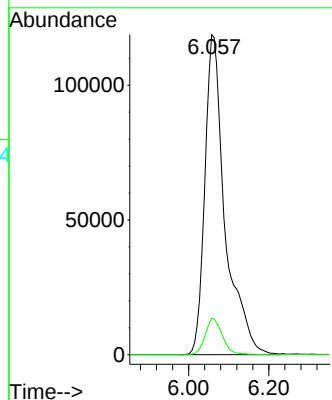
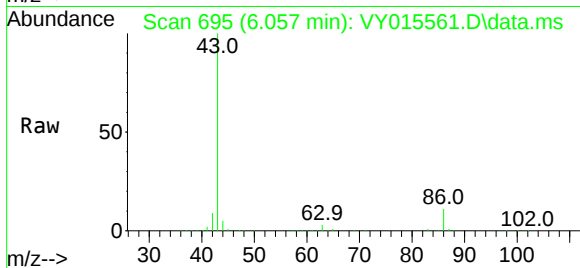
ClientSampleId :

Tgt Ion: 43 Resp: 415958

Ion Ratio Lower Upper

43 100

86 11.4 7.5 11.3#



#24

1,1-Dichloroethane

Concen: 19.915 ug/l

RT: 6.015 min Scan# 688

Delta R.T. 0.012 min

Lab File: VY015561.D

Acq: 15 Sep 2023 11:37

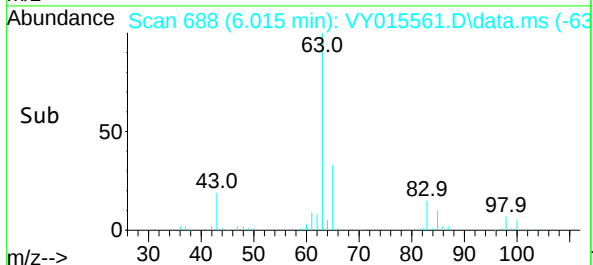
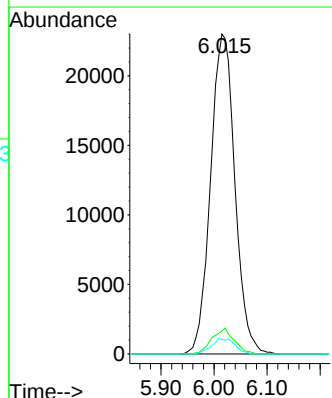
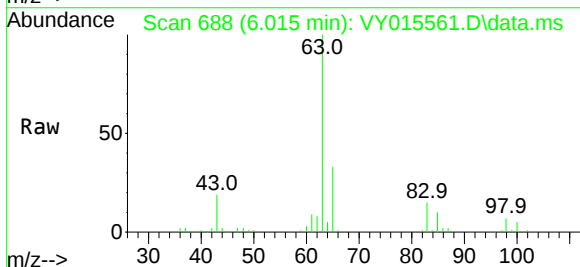
Tgt Ion: 63 Resp: 73278

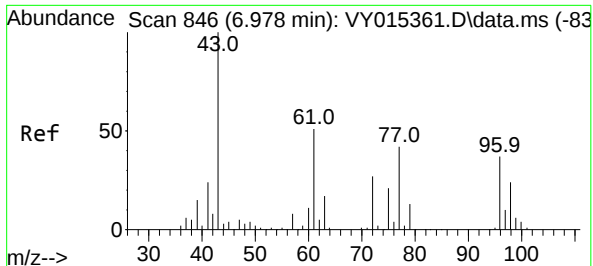
Ion Ratio Lower Upper

63 100

98 7.2 3.1 9.4

100 4.5 1.8 5.5





#25

2-Butanone

Concen: 117.210 ug/l

RT: 6.990 min Scan# 846

Delta R.T. 0.012 min

Lab File: VY015561.D

Acq: 15 Sep 2023 11:37

Instrument :

MSVOA_Y

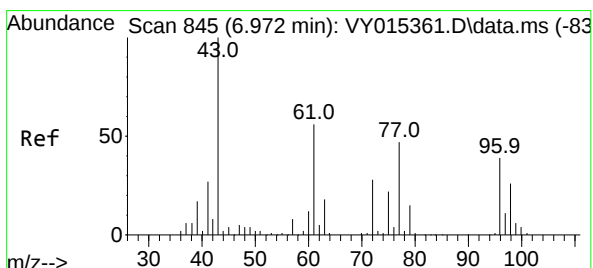
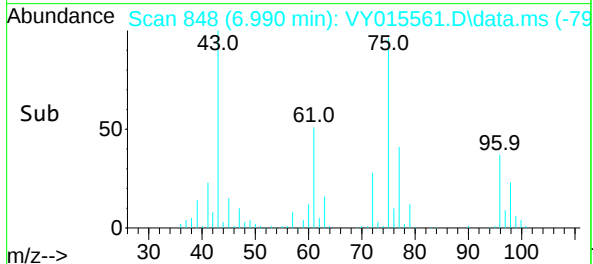
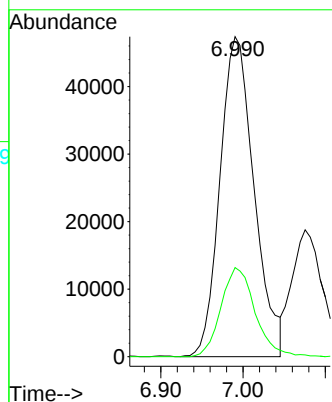
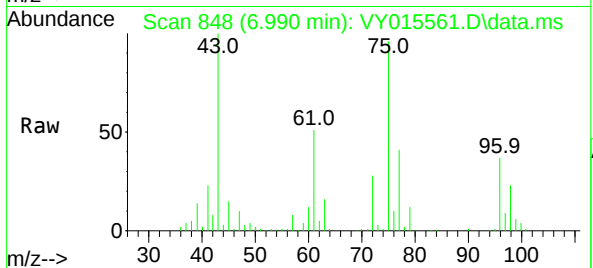
ClientSampleId :

Tgt Ion: 43 Resp: 136781

Ion Ratio Lower Upper

43 100

72 27.8 20.5 30.7



#26

2,2-Dichloropropane

Concen: 21.752 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.012 min

Lab File: VY015561.D

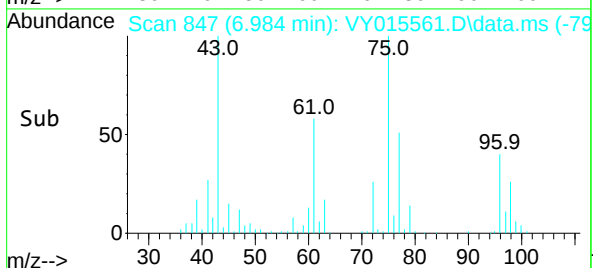
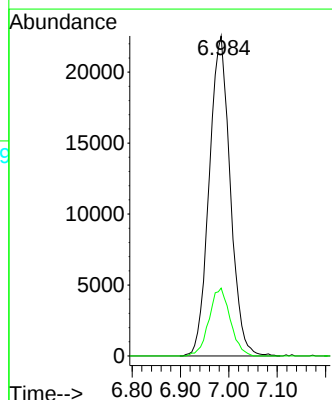
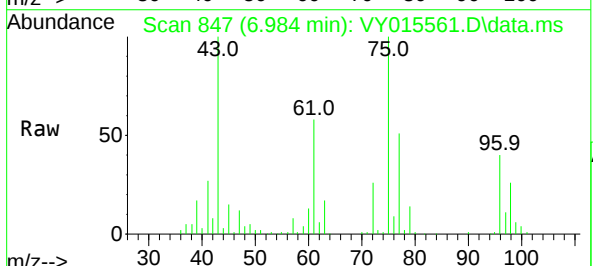
Acq: 15 Sep 2023 11:37

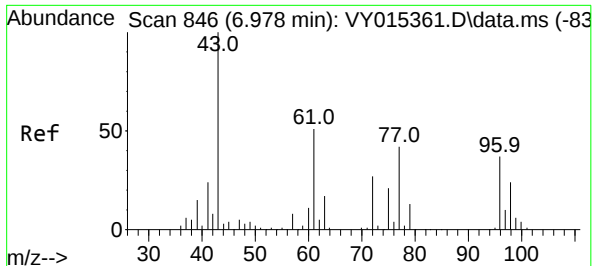
Tgt Ion: 77 Resp: 67981

Ion Ratio Lower Upper

77 100

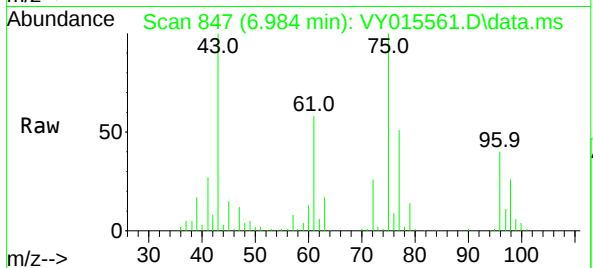
97 21.4 10.9 32.9



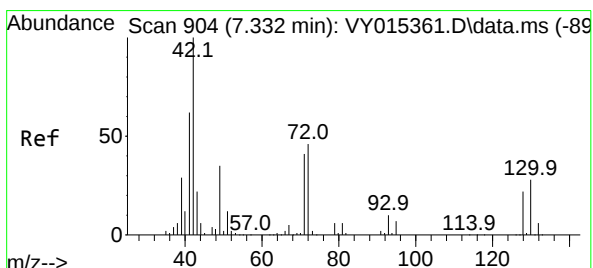
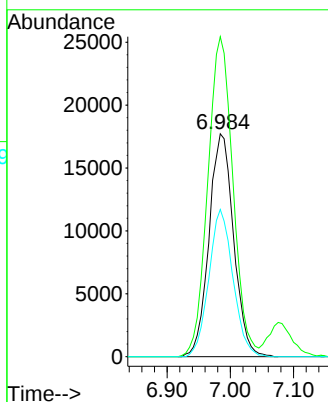
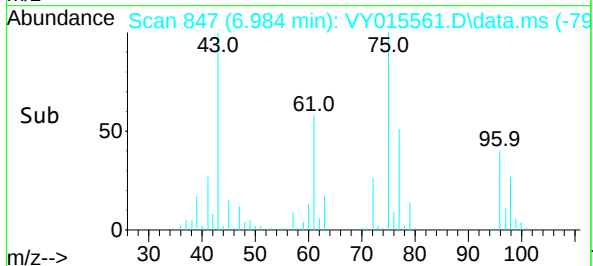


#27
 cis-1,2-Dichloroethene
 Concen: 20.044 ug/l
 RT: 6.984 min Scan# 846
 Delta R.T. 0.006 min
 Lab File: VY015561.D
 Acq: 15 Sep 2023 11:37

Instrument :
 MSVOA_Y
 ClientSampleId :

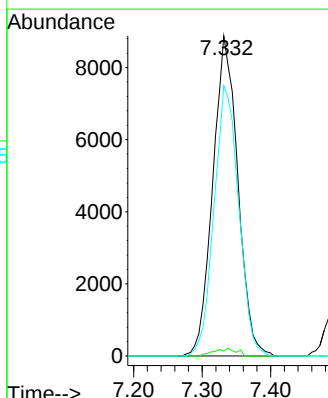
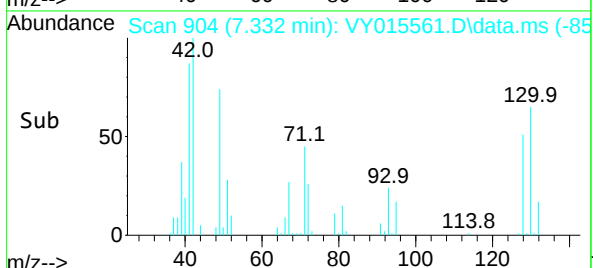
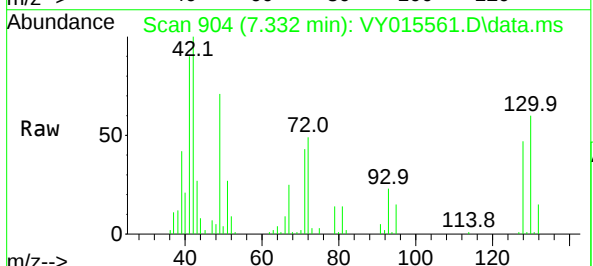


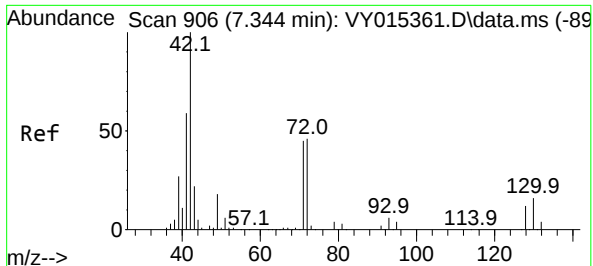
Tgt Ion:	96	Resp:	47863
Ion	Ratio	Lower	Upper
96	100		
61	146.6	0.0	301.4
98	64.7	0.0	130.4



#28
 Bromochloromethane
 Concen: 19.885 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.006 min
 Lab File: VY015561.D
 Acq: 15 Sep 2023 11:37

Tgt Ion:	49	Resp:	22438
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.6
130	83.4	60.7	91.1





#29

Tetrahydrofuran

Concen: 103.962 ug/l

RT: 7.356 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY015561.D

Acq: 15 Sep 2023 11:37

Instrument :

MSVOA_Y

ClientSampleId :

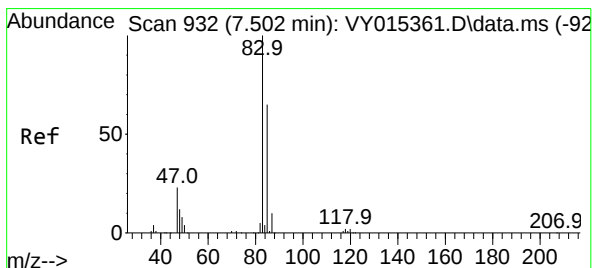
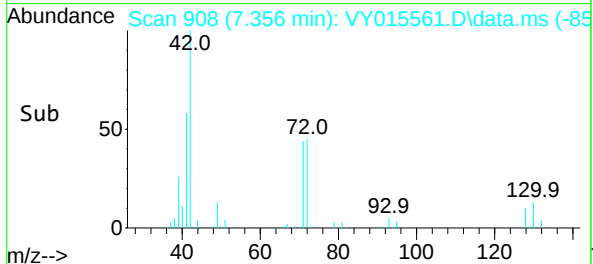
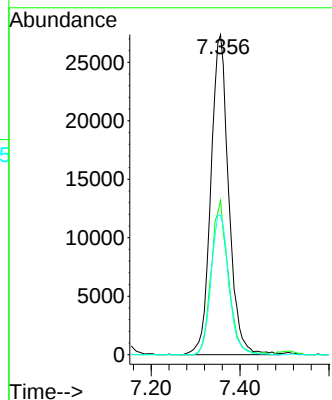
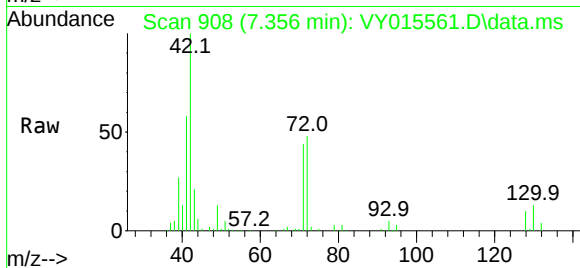
Tgt Ion: 42 Resp: 76187

Ion Ratio Lower Upper

42 100

72 45.7 32.8 49.2

71 43.8 31.0 46.4



#30

Chloroform

Concen: 21.361 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.012 min

Lab File: VY015561.D

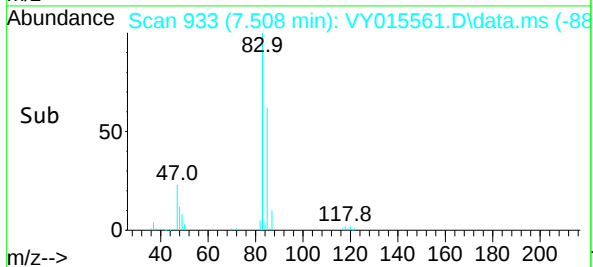
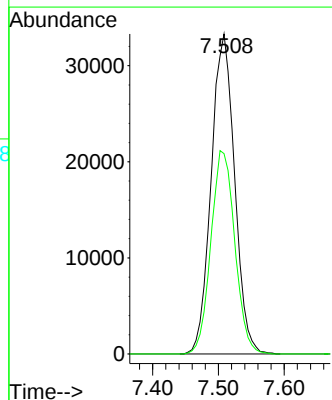
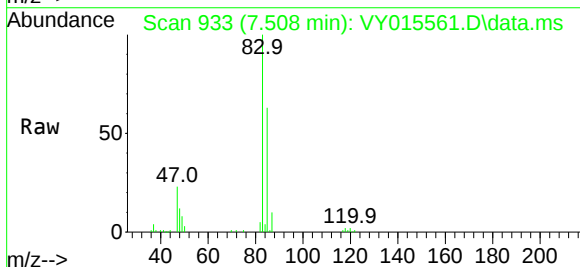
Acq: 15 Sep 2023 11:37

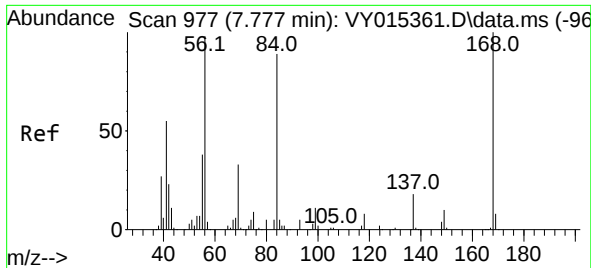
Tgt Ion: 83 Resp: 82628

Ion Ratio Lower Upper

83 100

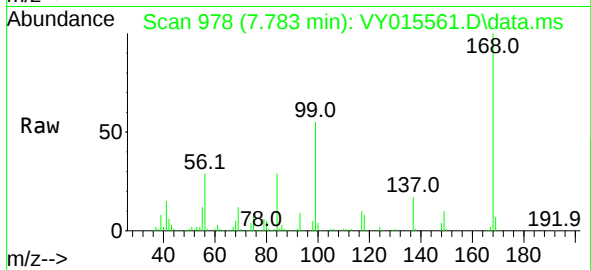
85 62.6 49.7 74.5



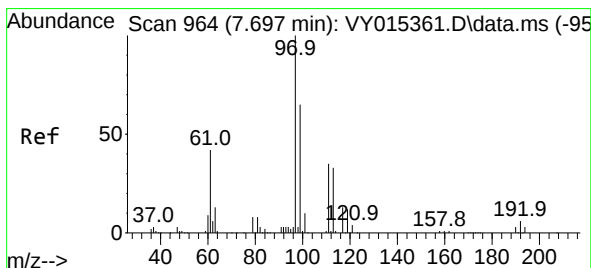
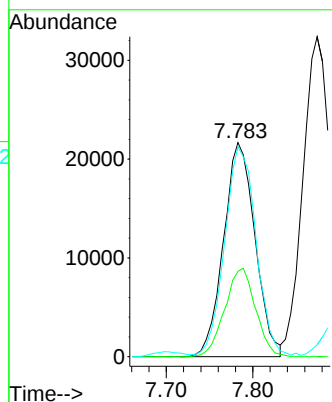
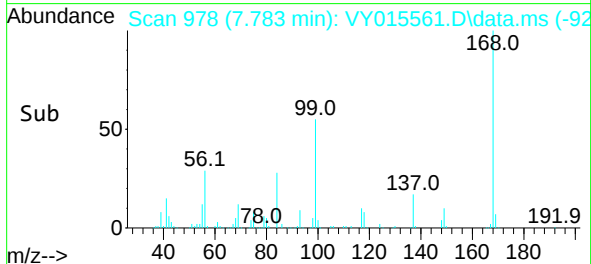


#31
Cyclohexane
Concen: 15.629 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015561.D
Acq: 15 Sep 2023 11:37

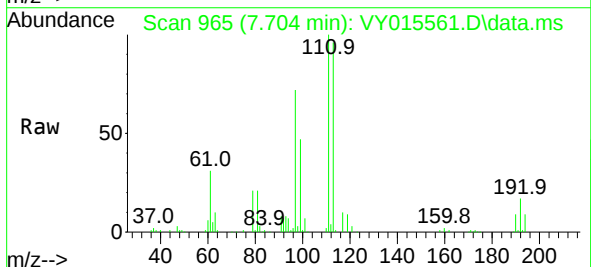
Instrument :
MSVOA_Y
ClientSampleId :



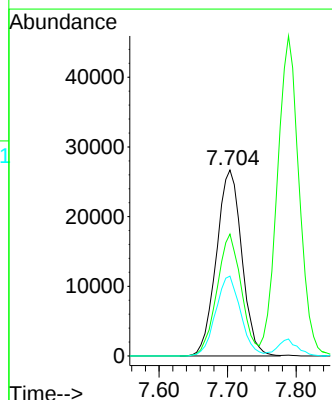
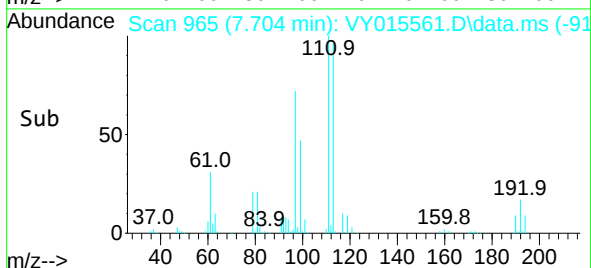
Tgt Ion: 56 Resp: 54725
Ion Ratio Lower Upper
56 100
69 39.8 27.8 41.6
84 96.5 66.4 99.6

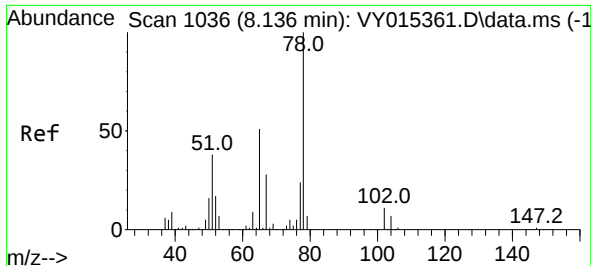


#32
1,1,1-Trichloroethane
Concen: 19.867 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.012 min
Lab File: VY015561.D
Acq: 15 Sep 2023 11:37



Tgt Ion: 97 Resp: 68639
Ion Ratio Lower Upper
97 100
99 63.4 50.8 76.2
61 42.0 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 70.753 ug/l

RT: 8.142 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY015561.D

Acq: 15 Sep 2023 11:37

Instrument :

MSVOA_Y

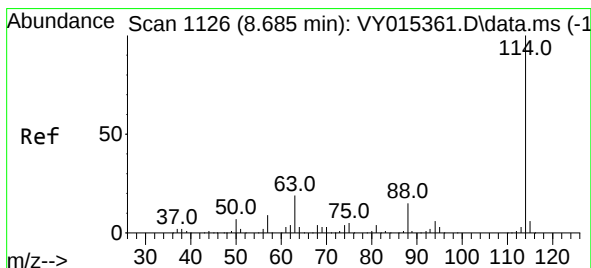
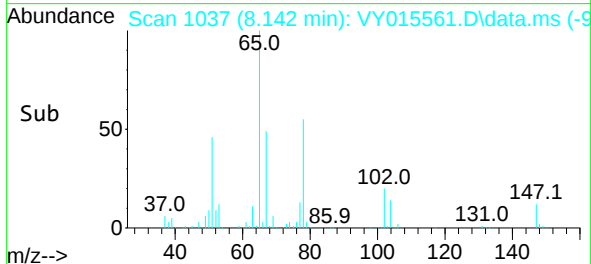
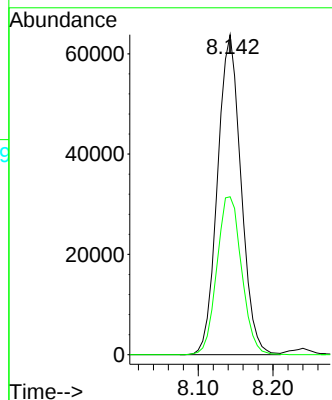
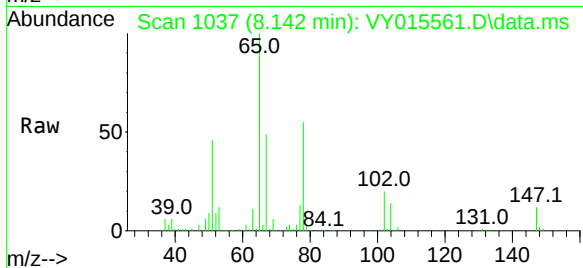
ClientSampleId :

Tgt Ion: 65 Resp: 139471

Ion Ratio Lower Upper

65 100

67 52.0 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: VY015561.D

Acq: 15 Sep 2023 11:37

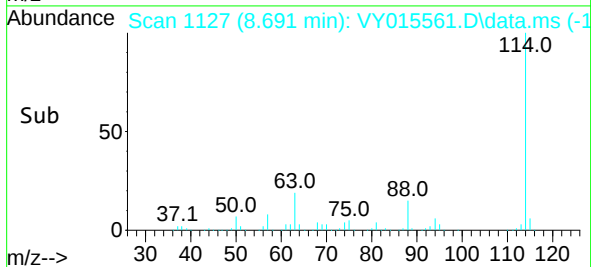
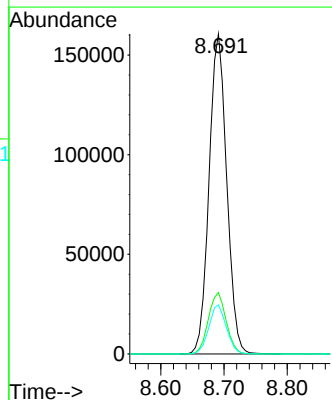
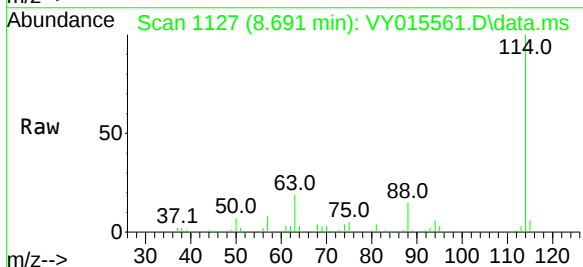
Tgt Ion: 114 Resp: 310513

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 15.4 0.0 30.6

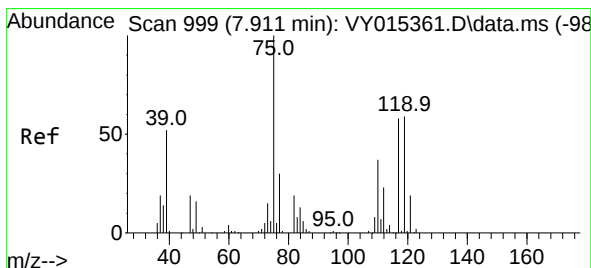
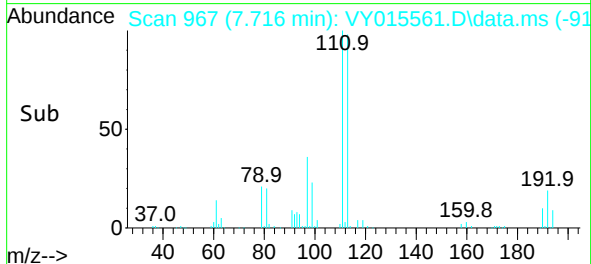
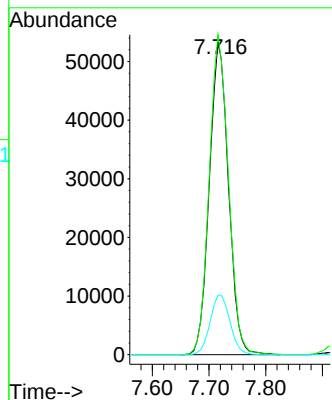
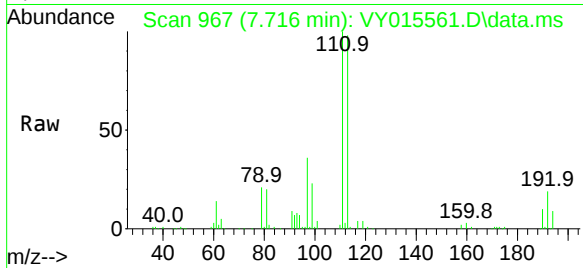




#35
Dibromofluoromethane
Concen: 69.794 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY015561.D
Acq: 15 Sep 2023 11:37

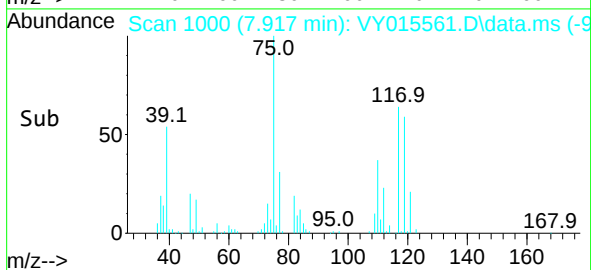
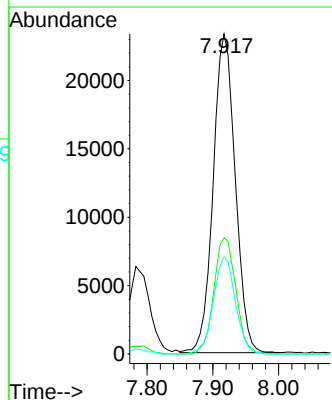
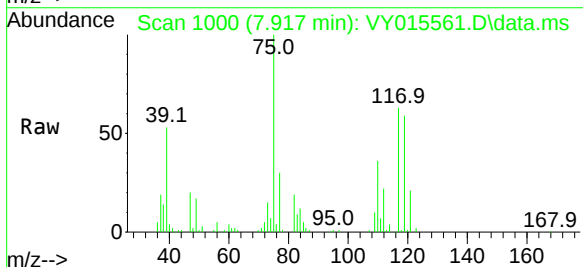
Instrument :
MSVOA_Y
ClientSampleId :

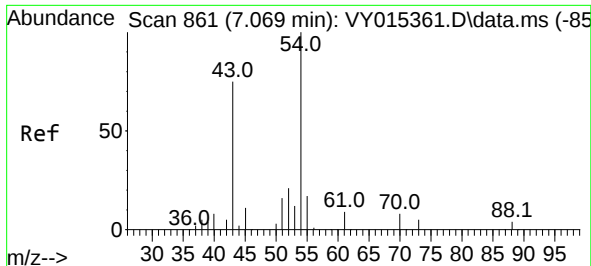
Tgt Ion:113 Resp: 124825
Ion Ratio Lower Upper
113 100
111 103.3 81.3 121.9
192 19.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 17.317 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY015561.D
Acq: 15 Sep 2023 11:37

Tgt Ion: 75 Resp: 54381
Ion Ratio Lower Upper
75 100
110 36.4 17.8 53.5
77 30.6 24.4 36.6





#37

Ethyl Acetate

Concen: 20.577 ug/l

RT: 7.076 min Scan# 80

Delta R.T. 0.012 min

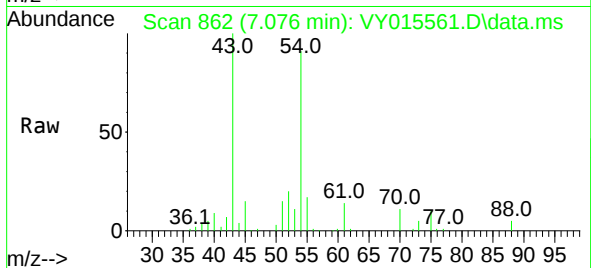
Lab File: VY015561.D

Acq: 15 Sep 2023 11:37

Instrument :

MSVOA_Y

ClientSampleId :



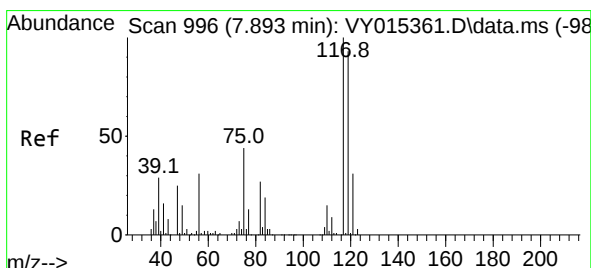
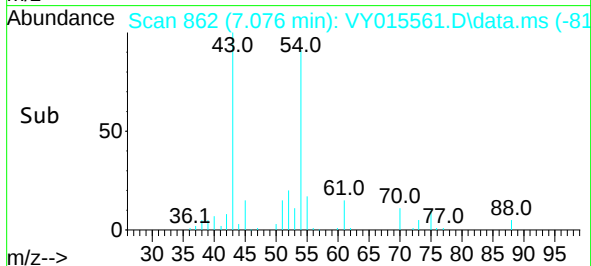
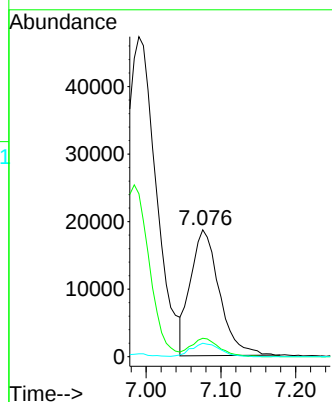
Tgt Ion: 43 Resp: 49839

Ion Ratio Lower Upper

43 100

61 14.3 10.1 15.1

70 10.7 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 18.373 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.012 min

Lab File: VY015561.D

Acq: 15 Sep 2023 11:37

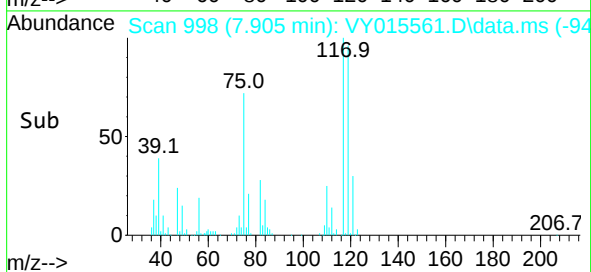
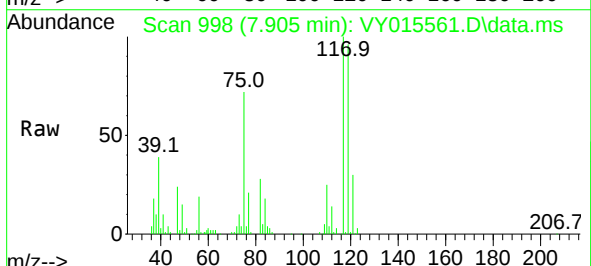
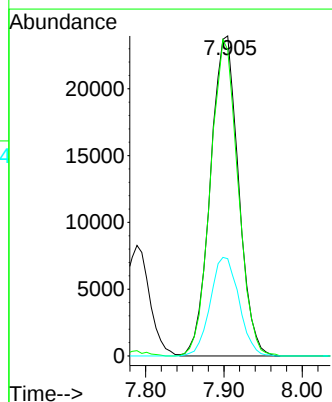
Tgt Ion: 117 Resp: 59592

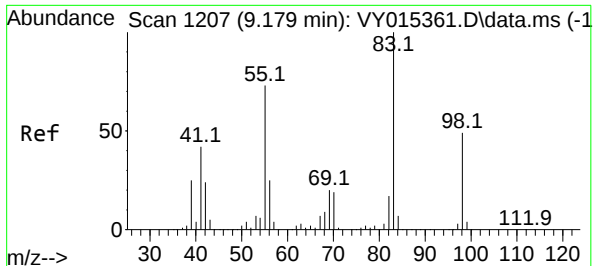
Ion Ratio Lower Upper

117 100

119 95.7 76.4 114.6

121 30.4 25.8 38.6





#39

Methylcyclohexane

Concen: 15.545 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015561.D

Acq: 15 Sep 2023 11:37

Instrument :

MSVOA_Y

ClientSampleId :

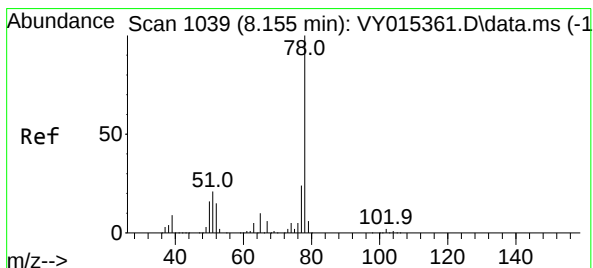
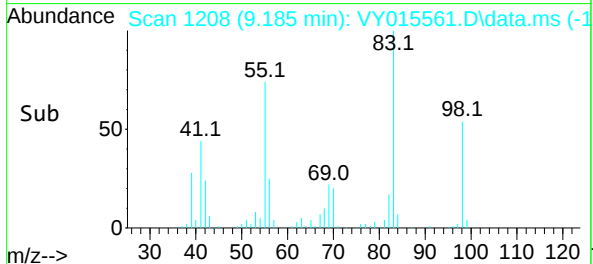
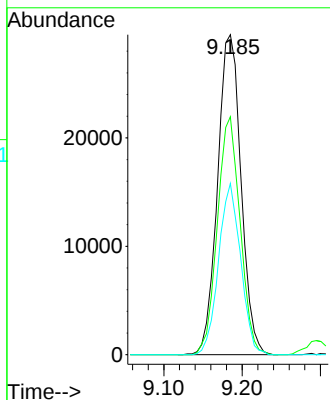
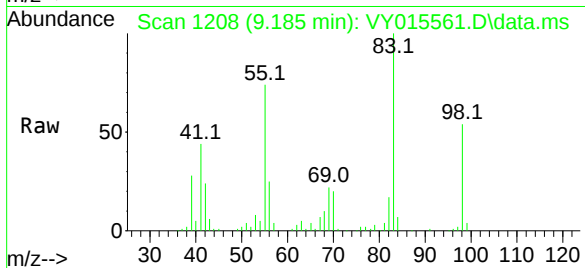
Tgt Ion: 83 Resp: 61459

Ion Ratio Lower Upper

83 100

55 74.4 63.0 94.4

98 53.5 37.4 56.2



#40

Benzene

Concen: 18.793 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.012 min

Lab File: VY015561.D

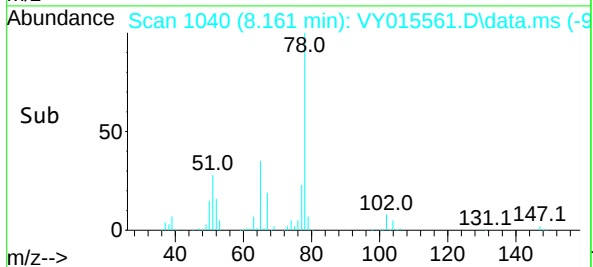
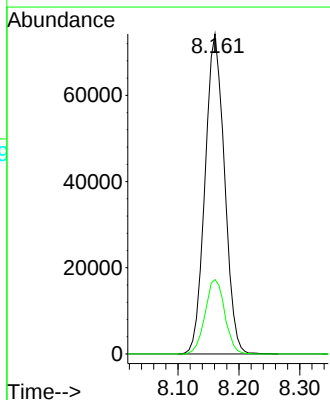
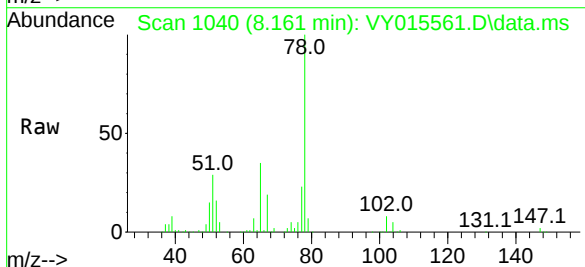
Acq: 15 Sep 2023 11:37

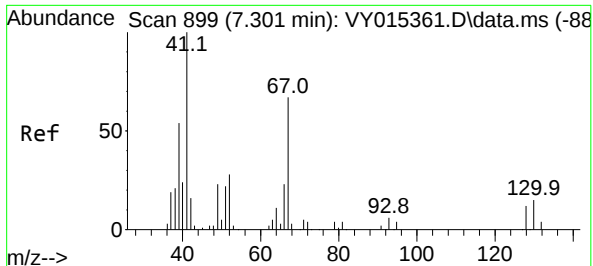
Tgt Ion: 78 Resp: 164659

Ion Ratio Lower Upper

78 100

77 23.3 19.0 28.6

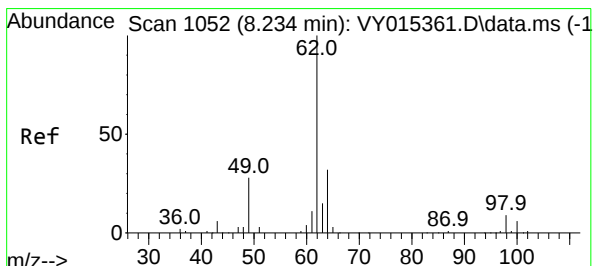
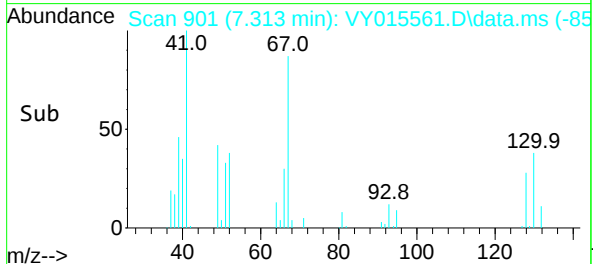
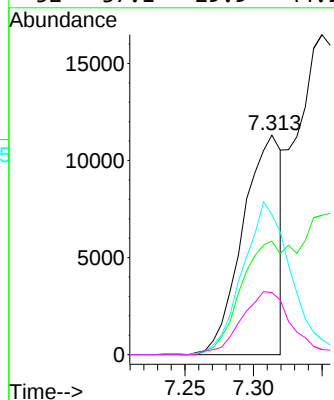
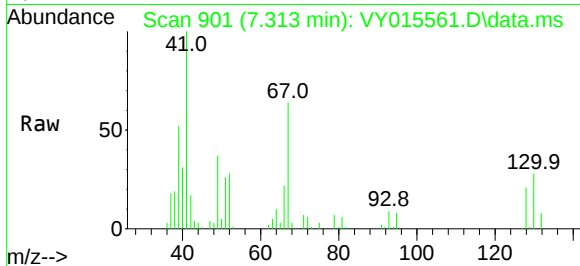




#41
Methacrylonitrile
Concen: 19.597 ug/l
RT: 7.313 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY015561.D
Acq: 15 Sep 2023 11:37

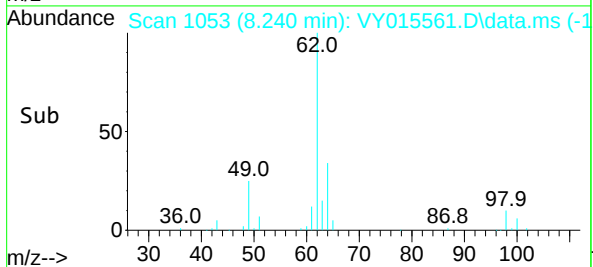
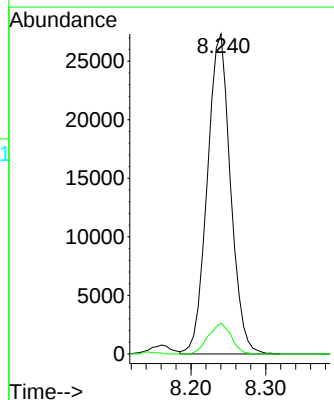
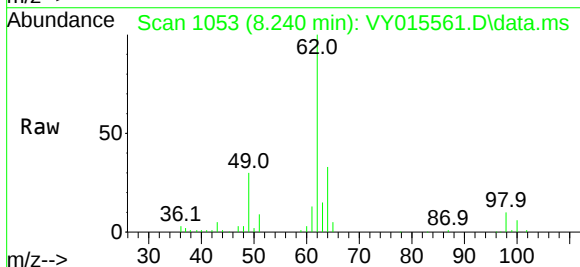
Instrument :
MSVOA_Y
ClientSampleId :

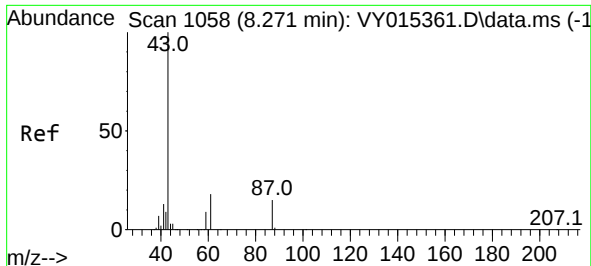
Tgt Ion: 41	Resp: 22258
Ion Ratio	Lower Upper
41 100	
39 53.6	52.1 78.1
67 87.9	66.2 99.2
52 37.1	29.9 44.9



#42
1,2-Dichloroethane
Concen: 20.187 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY015561.D
Acq: 15 Sep 2023 11:37

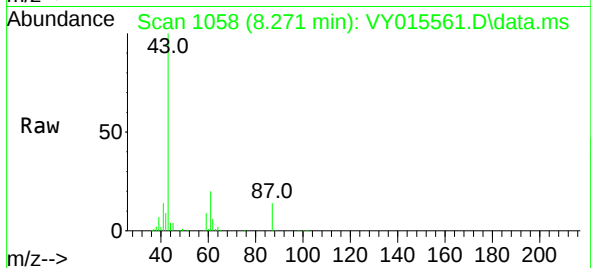
Tgt Ion: 62	Resp: 58979
Ion Ratio	Lower Upper
62 100	
98 9.4	0.0 15.8



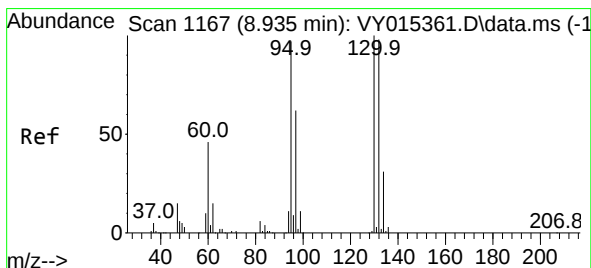
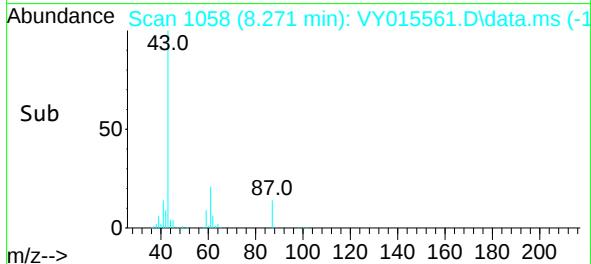
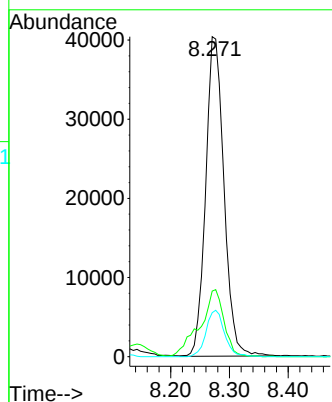


#43
Isopropyl Acetate
Concen: 20.879 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY015561.D
Acq: 15 Sep 2023 11:37

Instrument :
MSVOA_Y
ClientSampleId :

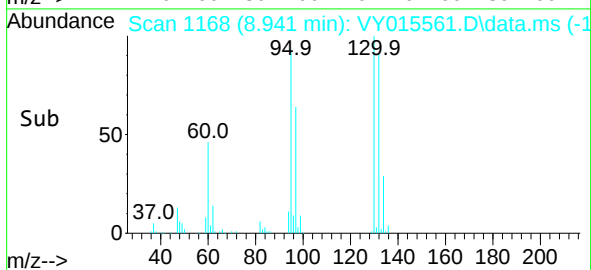
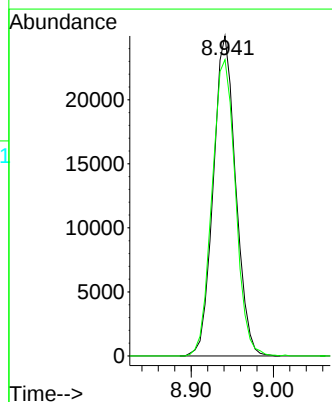
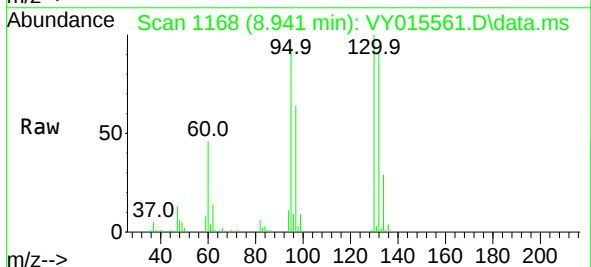


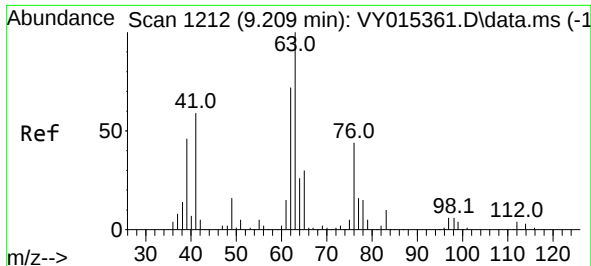
Tgt Ion	Ratio	Lower	Upper
43	100		
61	27.8	21.1	31.7
87	14.7	9.8	14.8



#44
Trichloroethene
Concen: 19.109 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015561.D
Acq: 15 Sep 2023 11:37

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.6	0.0	196.0





#45

1,2-Dichloropropane

Concen: 20.080 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY015561.D

Acq: 15 Sep 2023 11:37

Instrument :

MSVOA_Y

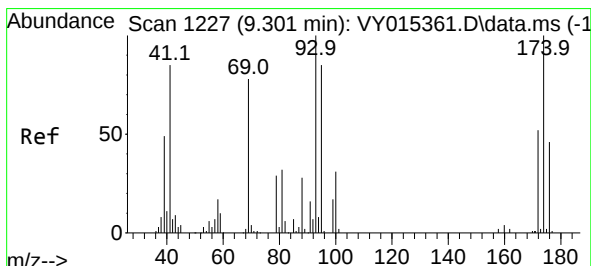
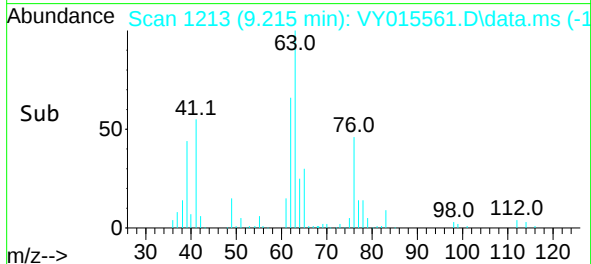
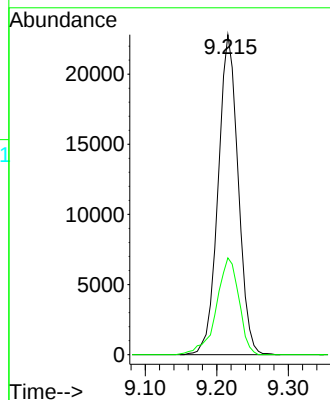
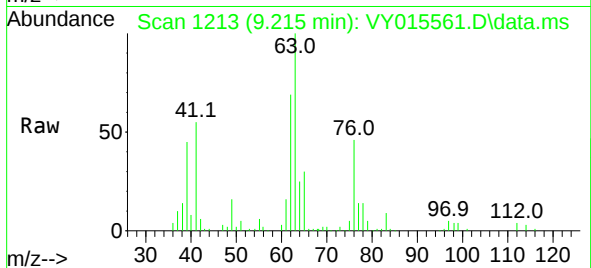
ClientSampleId :

Tgt Ion: 63 Resp: 44351

Ion Ratio Lower Upper

63 100

65 30.2 23.8 35.6



#46

Dibromomethane

Concen: 20.101 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.012 min

Lab File: VY015561.D

Acq: 15 Sep 2023 11:37

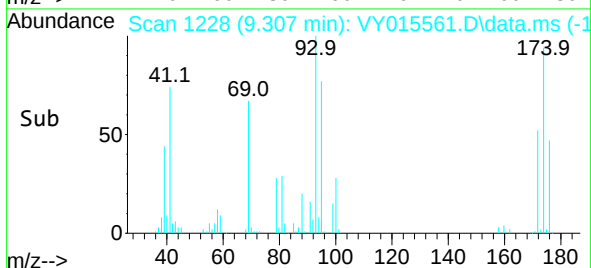
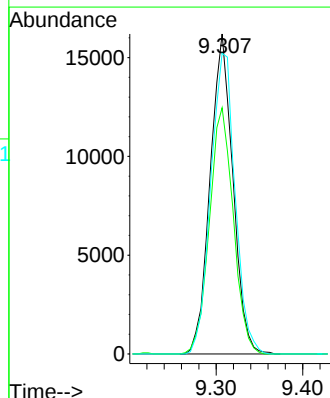
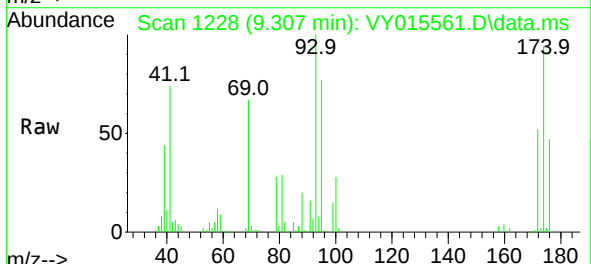
Tgt Ion: 93 Resp: 29492

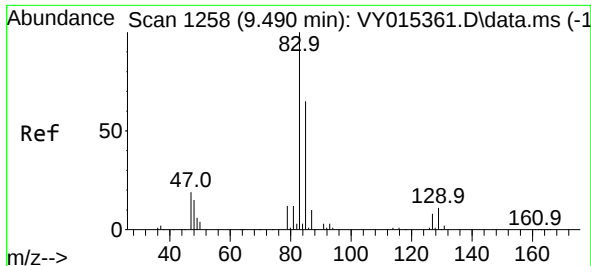
Ion Ratio Lower Upper

93 100

95 80.6 66.6 100.0

174 100.7 84.8 127.2





#47

Bromodichloromethane

Concen: 21.219 ug/l

RT: 9.496 min Scan# 1258

Delta R.T. 0.006 min

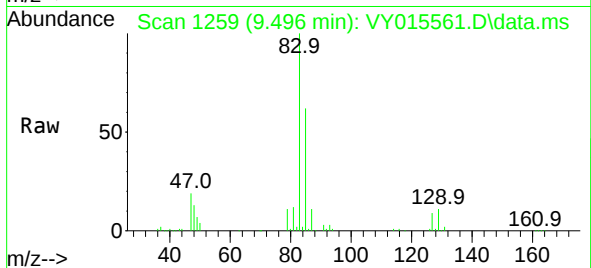
Lab File: VY015561.D

Acq: 15 Sep 2023 11:37

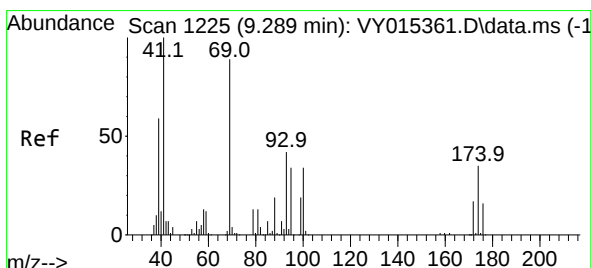
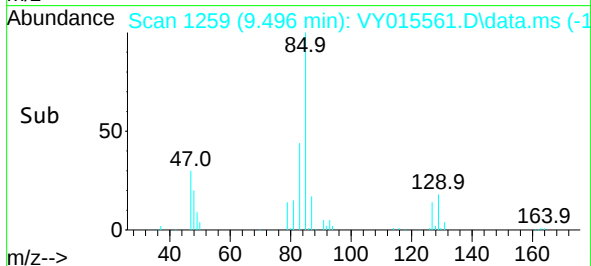
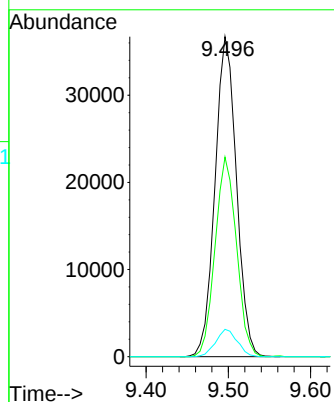
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	83	Resp:	66576
Ion	Ratio	Lower	Upper
83	100		
85	62.4	50.1	75.1
127	8.6	7.1	10.7



#48

Methyl methacrylate

Concen: 19.858 ug/l

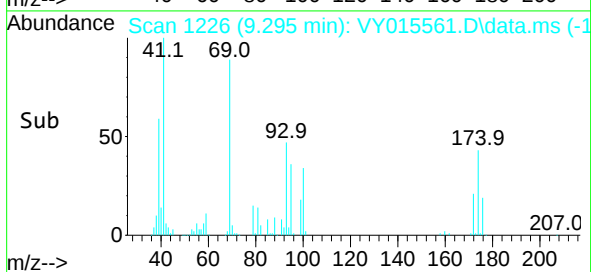
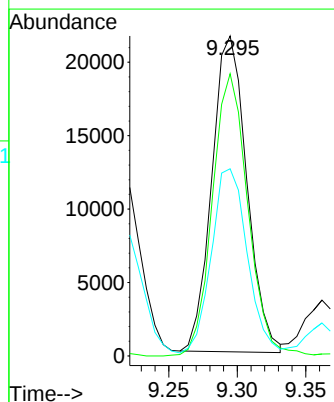
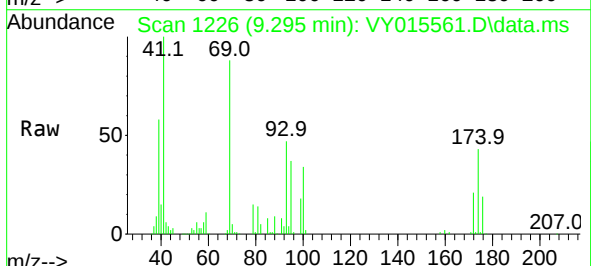
RT: 9.295 min Scan# 1226

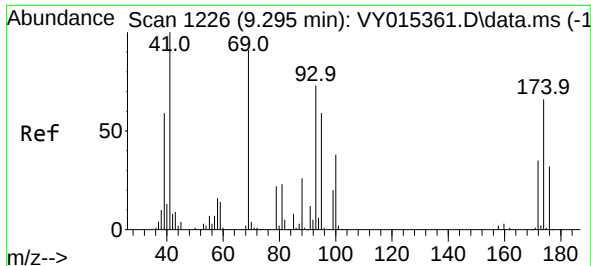
Delta R.T. 0.006 min

Lab File: VY015561.D

Acq: 15 Sep 2023 11:37

Tgt Ion:	41	Resp:	38159
Ion	Ratio	Lower	Upper
41	100		
69	90.5	64.5	96.7
39	61.8	50.8	76.2





#49

1,4-Dioxane

Concen: 400.781 ug/l

RT: 9.307 min Scan# 1226

Delta R.T. 0.018 min

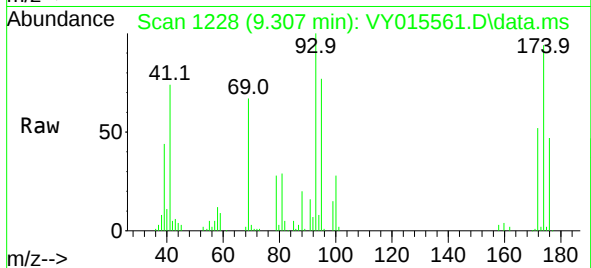
Lab File: VY015561.D

Acq: 15 Sep 2023 11:37

Instrument :

MSVOA_Y

ClientSampleId :



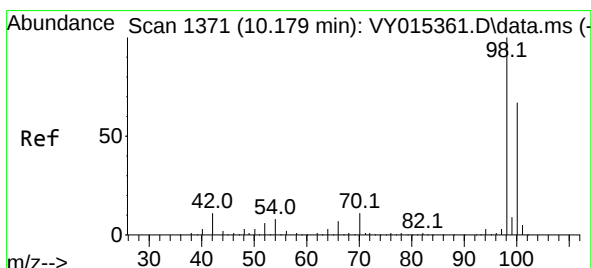
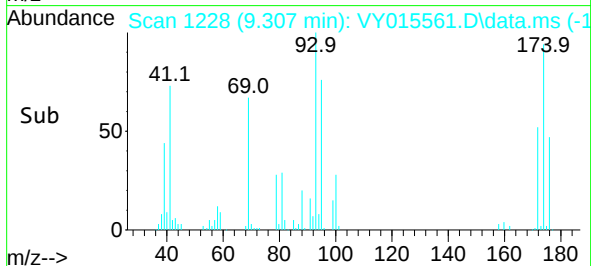
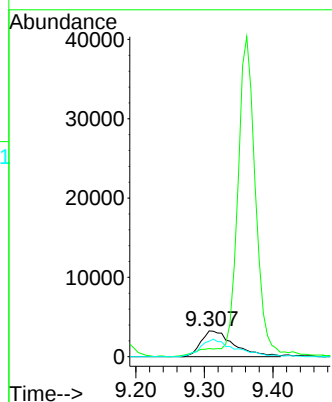
Tgt Ion: 88 Resp: 10922

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 70.8 30.9 46.3#



#50

Toluene-d8

Concen: 62.990 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015561.D

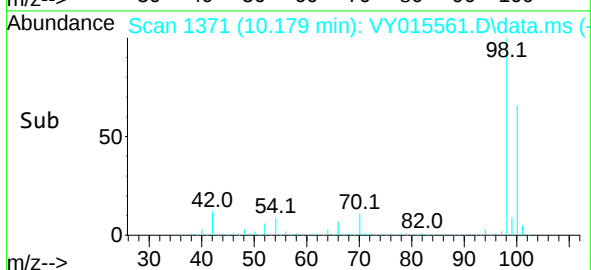
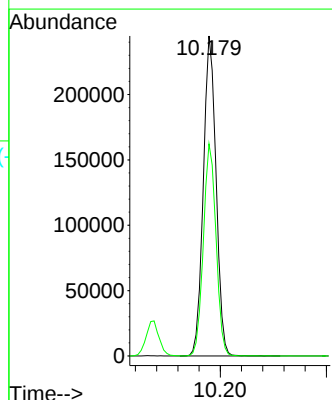
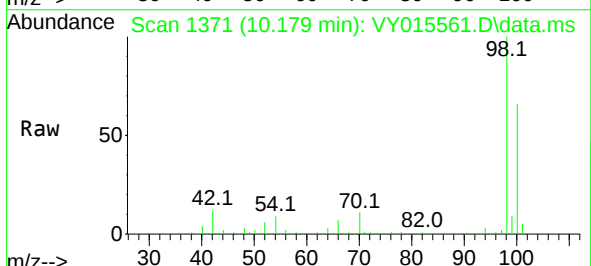
Acq: 15 Sep 2023 11:37

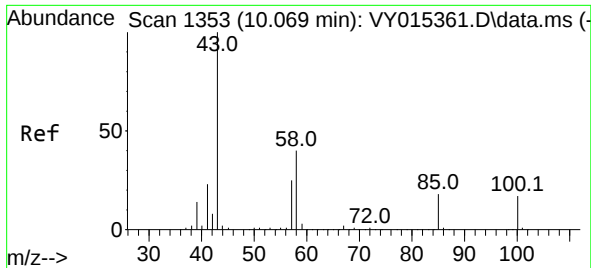
Tgt Ion: 98 Resp: 407972

Ion Ratio Lower Upper

98 100

100 65.8 50.1 75.1

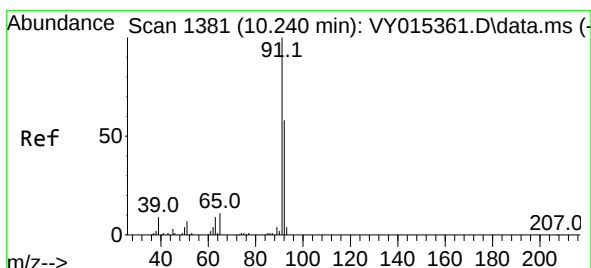
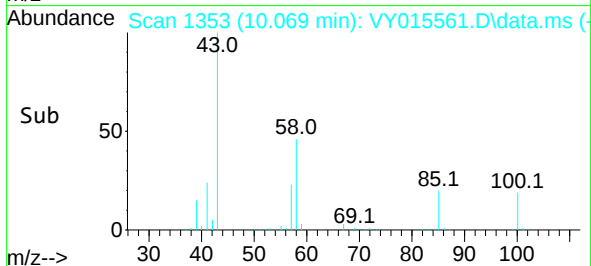
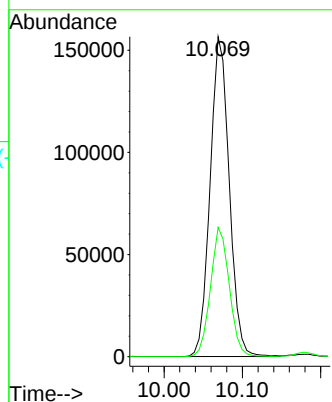
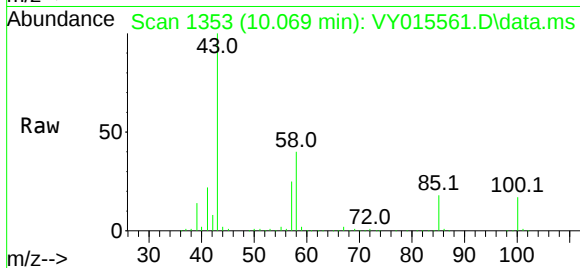




#51
4-Methyl-2-Pentanone
Concen: 109.117 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY015561.D
Acq: 15 Sep 2023 11:37

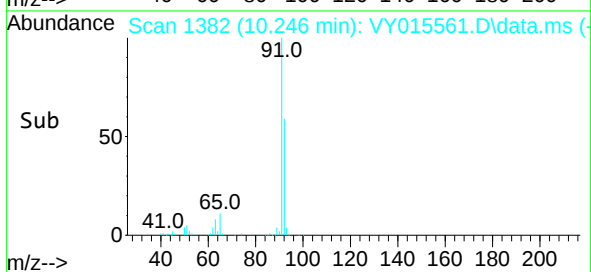
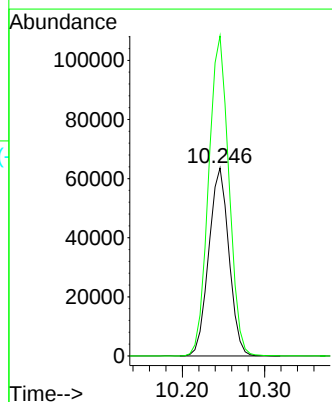
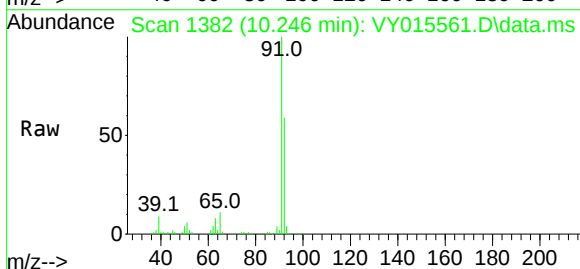
Instrument :
MSVOA_Y
ClientSampleId :

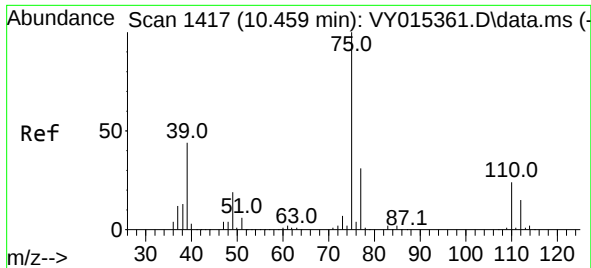
Tgt Ion: 43 Resp: 265621
Ion Ratio Lower Upper
43 100
58 39.8 29.0 43.6



#52
Toluene
Concen: 19.266 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015561.D
Acq: 15 Sep 2023 11:37

Tgt Ion: 92 Resp: 108189
Ion Ratio Lower Upper
92 100
91 171.7 143.8 215.6

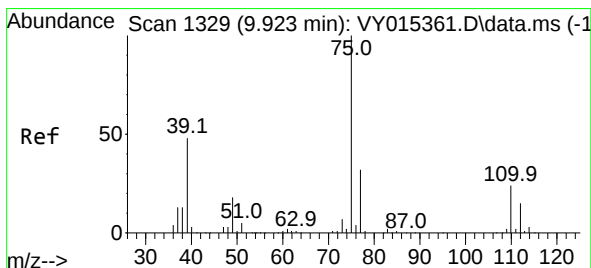
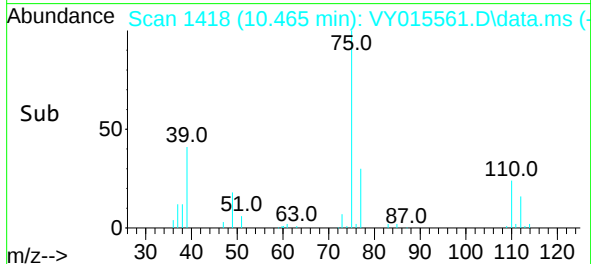
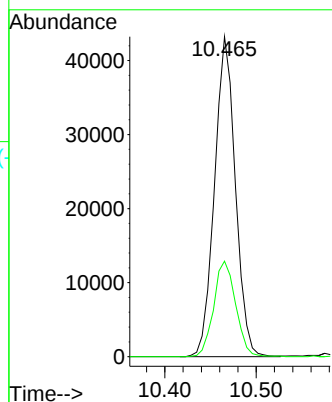
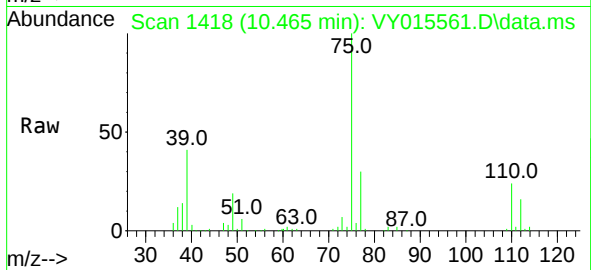




#53
 t-1,3-Dichloropropene
 Concen: 20.541 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY015561.D
 Acq: 15 Sep 2023 11:37

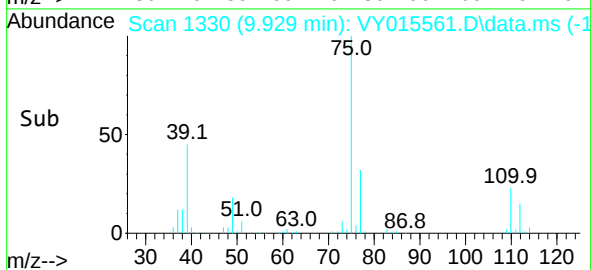
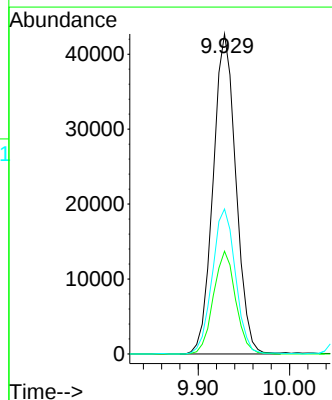
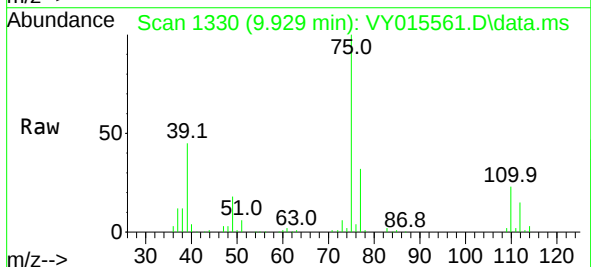
Instrument :
 MSVOA_Y
 ClientSampleId :

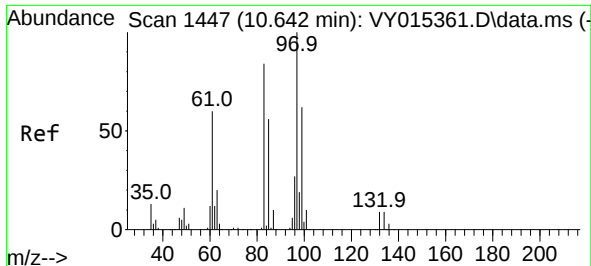
Tgt Ion: 75 Resp: 68494
 Ion Ratio Lower Upper
 75 100
 77 29.8 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.423 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY015561.D
 Acq: 15 Sep 2023 11:37

Tgt Ion: 75 Resp: 74080
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.2 36.4
 39 45.3 42.2 63.4

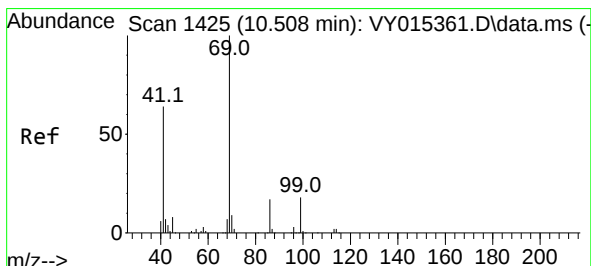
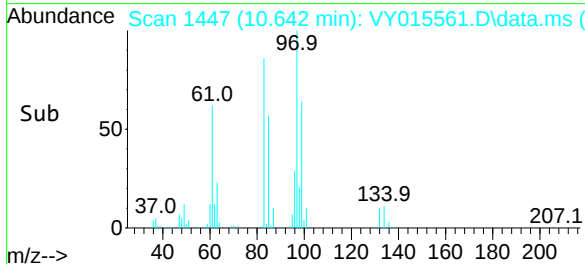
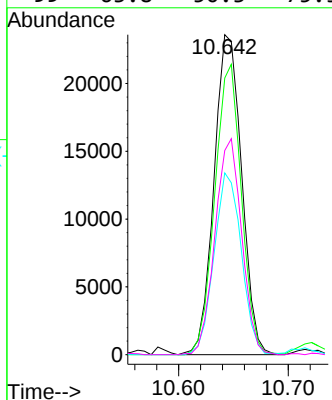
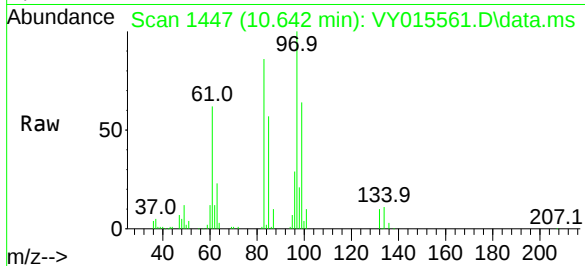




#55
1,1,2-Trichloroethane
Concen: 20.887 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY015561.D
Acq: 15 Sep 2023 11:37

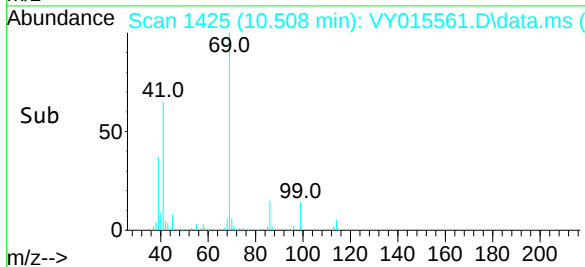
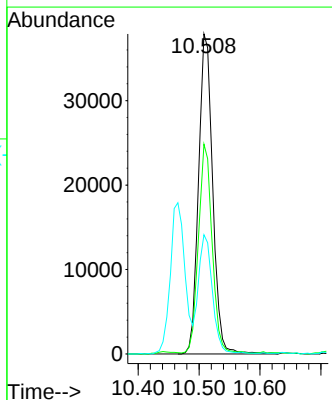
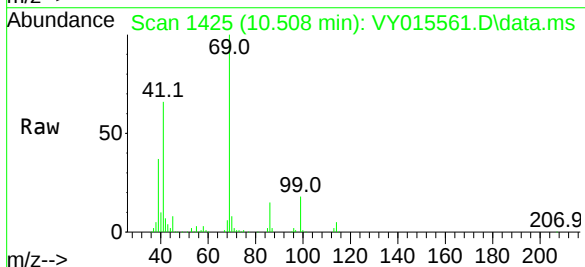
Instrument :
MSVOA_Y
ClientSampleId :

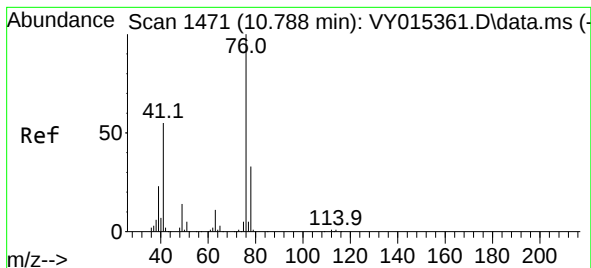
Tgt Ion: 97	Resp: 41290
Ion Ratio	Lower Upper
97 100	
83 86.4	72.0 108.0
85 56.8	45.4 68.0
99 63.8	50.3 75.5



#56
Ethyl methacrylate
Concen: 20.861 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY015561.D
Acq: 15 Sep 2023 11:37

Tgt Ion: 69	Resp: 61111
Ion Ratio	Lower Upper
69 100	
41 63.3	57.6 86.4
39 36.3	34.1 51.1





#57

1,3-Dichloropropane

Concen: 20.641 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY015561.D

Acq: 15 Sep 2023 11:37

Instrument :

MSVOA_Y

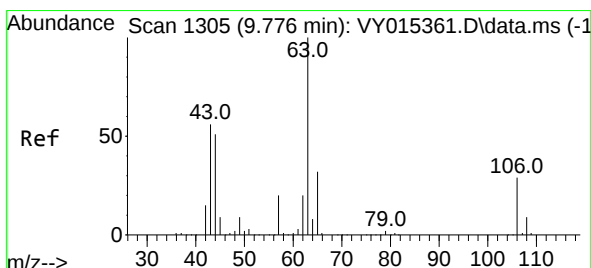
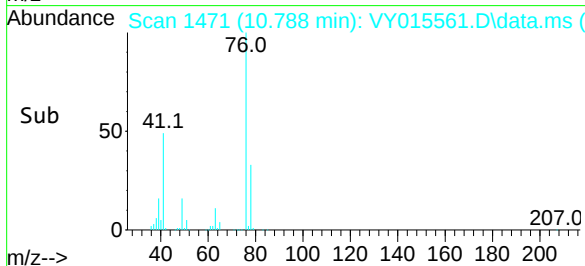
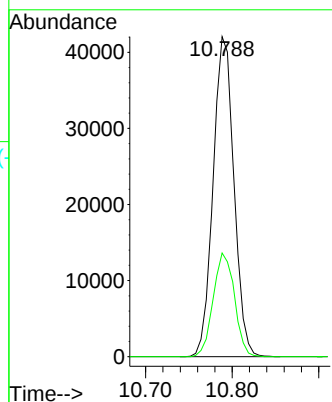
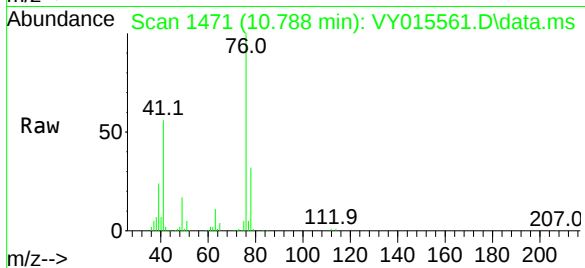
ClientSampleId :

Tgt Ion: 76 Resp: 70240

Ion Ratio Lower Upper

76 100

78 33.0 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 97.950 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VY015561.D

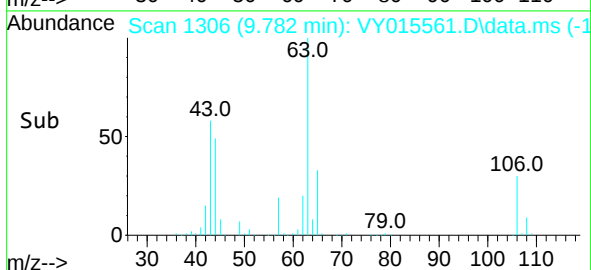
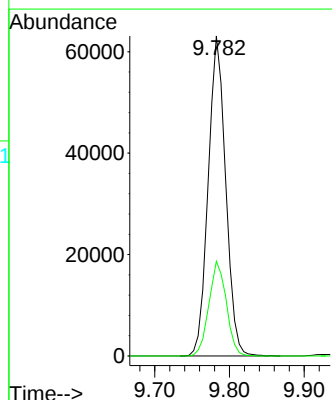
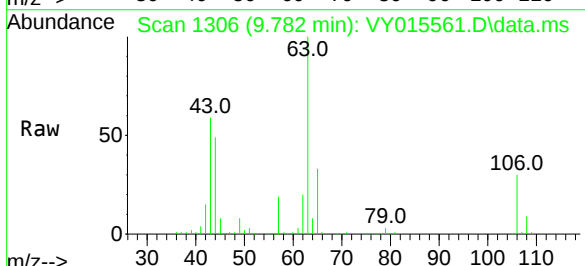
Acq: 15 Sep 2023 11:37

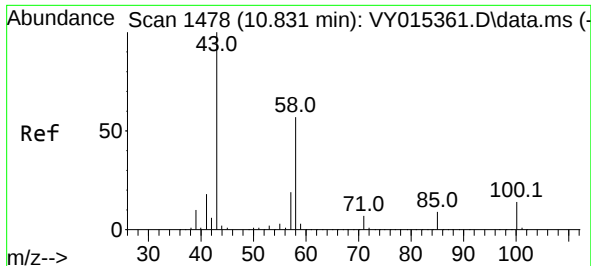
Tgt Ion: 63 Resp: 102421

Ion Ratio Lower Upper

63 100

106 29.5 21.2 31.8

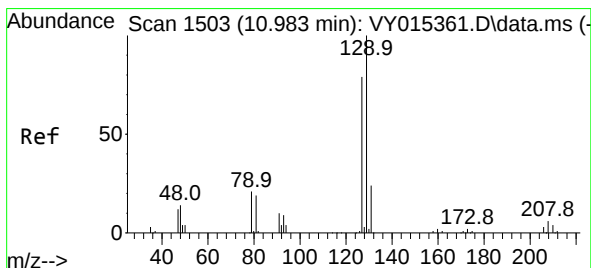
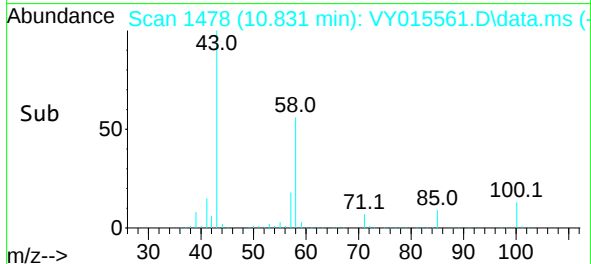
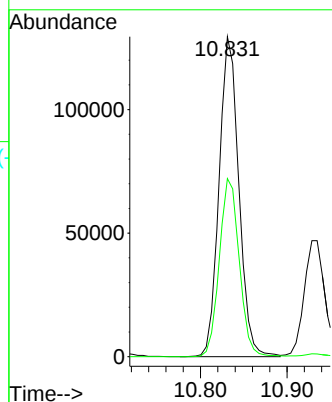
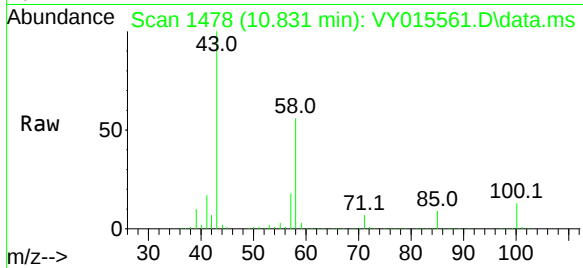




#59
2-Hexanone
Concen: 112.390 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015561.D
Acq: 15 Sep 2023 11:37

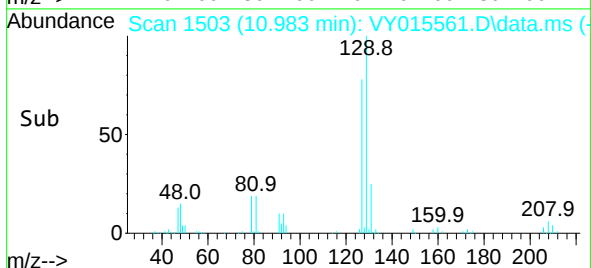
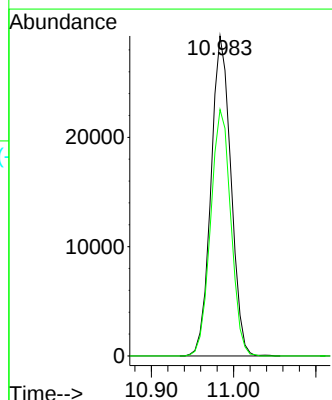
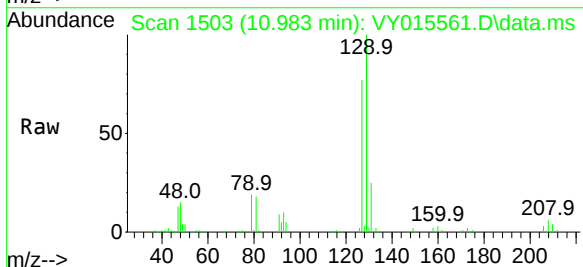
Instrument :
MSVOA_Y
ClientSampleId :

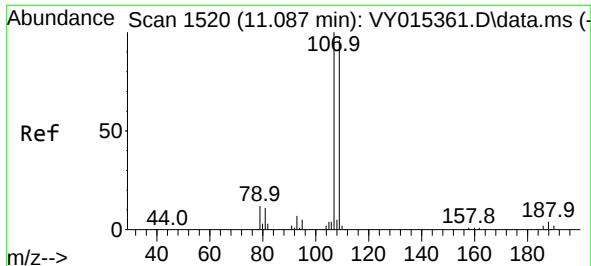
Tgt Ion: 43 Resp: 205287
Ion Ratio Lower Upper
43 100
58 56.1 25.1 75.3



#60
Dibromochloromethane
Concen: 21.264 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015561.D
Acq: 15 Sep 2023 11:37

Tgt Ion: 129 Resp: 49201
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.5

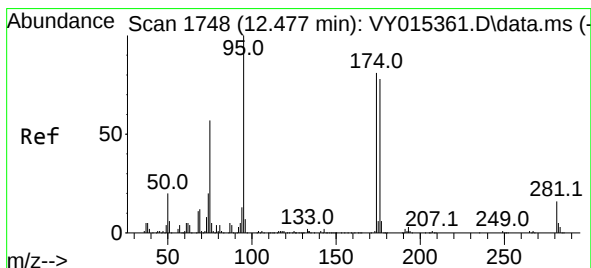
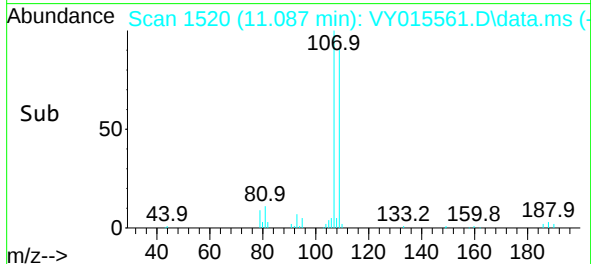
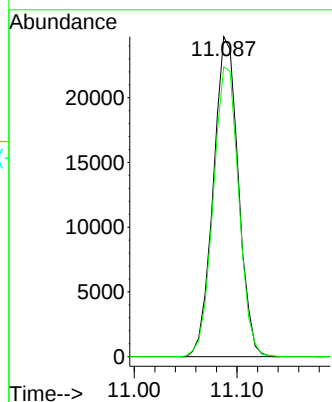
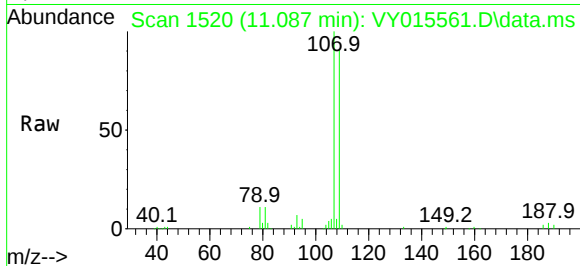




#61
1,2-Dibromoethane
Concen: 20.801 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015561.D
Acq: 15 Sep 2023 11:37

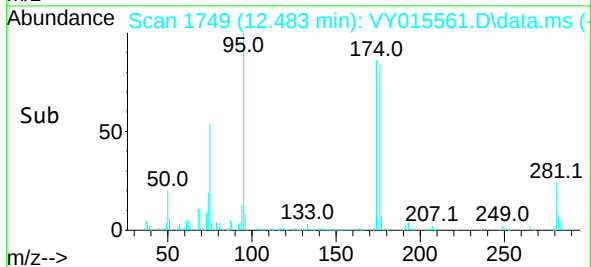
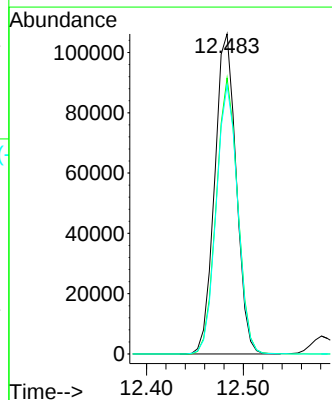
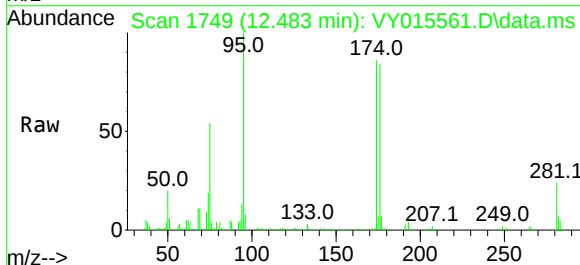
Instrument :
MSVOA_Y
ClientSampleId :

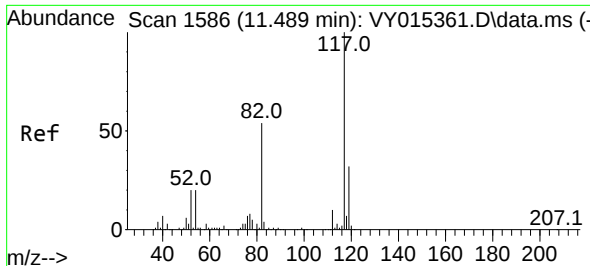
Tgt Ion:107 Resp: 41666
Ion Ratio Lower Upper
107 100
109 92.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 67.973 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015561.D
Acq: 15 Sep 2023 11:37

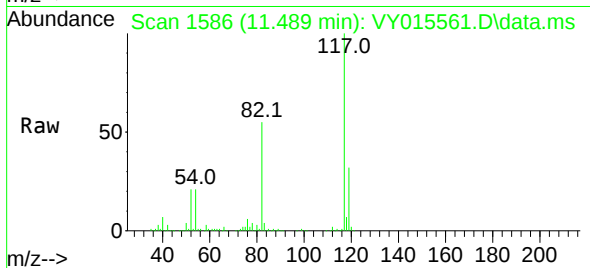
Tgt Ion: 95 Resp: 163435
Ion Ratio Lower Upper
95 100
174 85.7 0.0 178.2
176 83.8 0.0 173.8



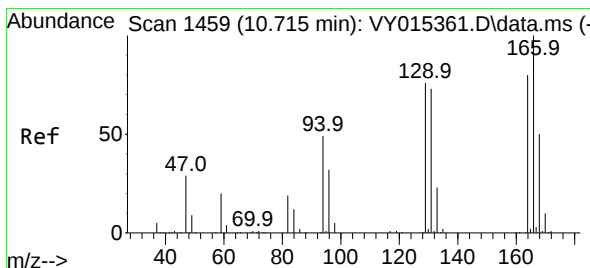
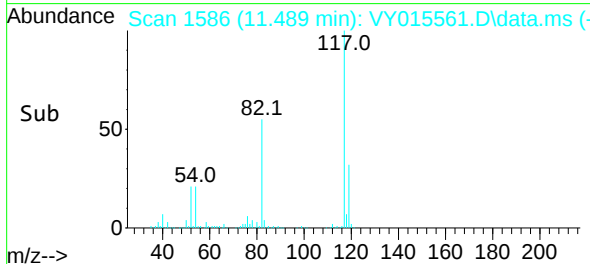
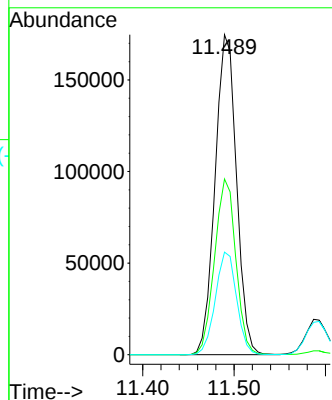


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015561.D
Acq: 15 Sep 2023 11:37

Instrument :
MSVOA_Y
ClientSampleId :

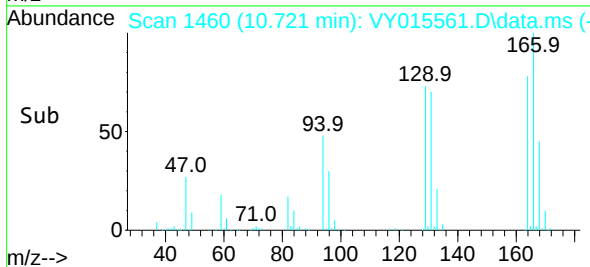
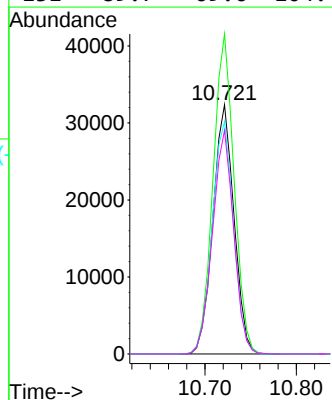
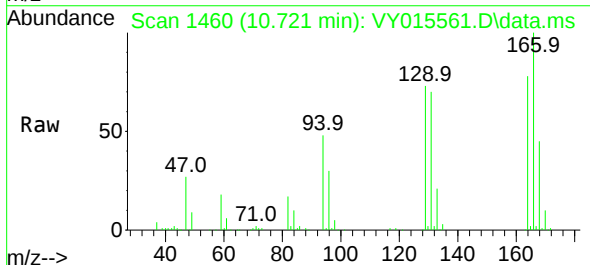


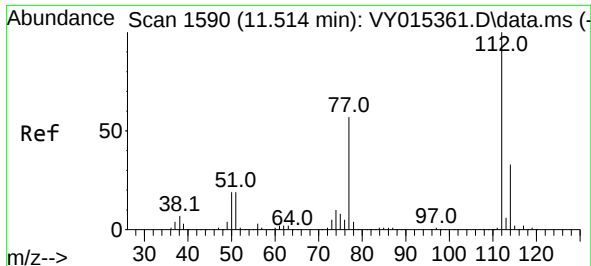
Tgt Ion:117 Resp: 284571
Ion Ratio Lower Upper
117 100
82 54.9 43.4 65.0
119 32.1 26.3 39.5



#64
Tetrachloroethene
Concen: 20.078 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY015561.D
Acq: 15 Sep 2023 11:37

Tgt Ion:164 Resp: 51860
Ion Ratio Lower Upper
164 100
166 128.3 103.0 154.6
129 93.3 77.2 115.8
131 89.7 69.6 104.4

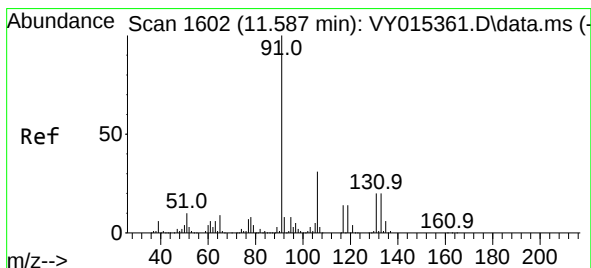
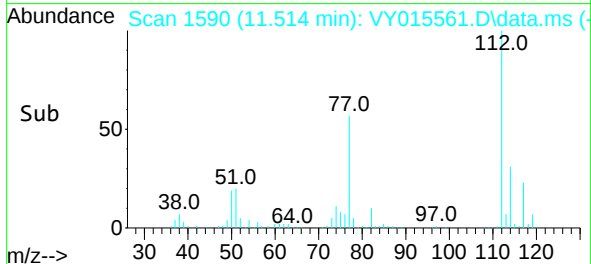
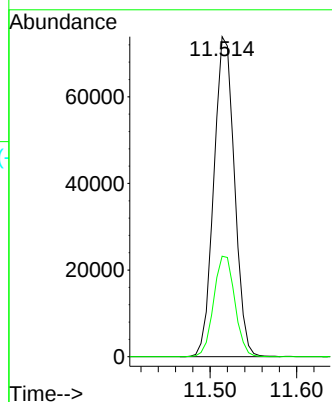
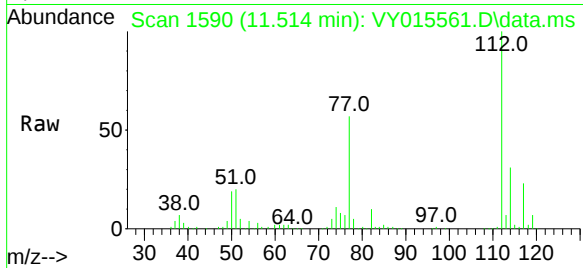




#65
Chlorobenzene
Concen: 19.956 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015561.D
Acq: 15 Sep 2023 11:37

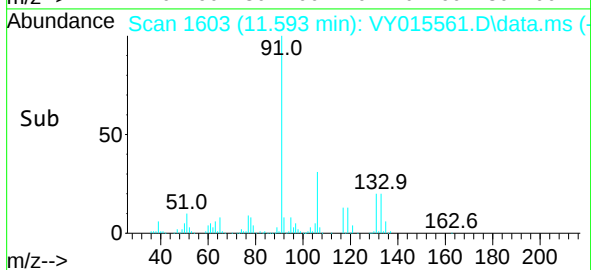
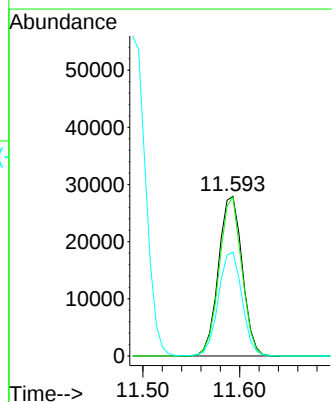
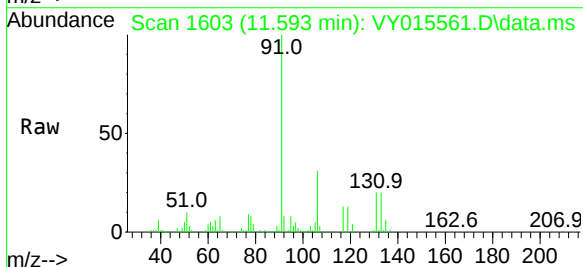
Instrument :
MSVOA_Y
ClientSampleId :

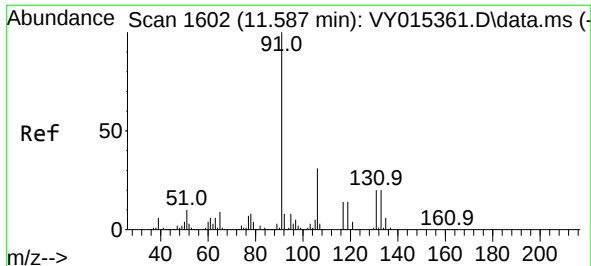
Tgt Ion:112 Resp: 122371
Ion Ratio Lower Upper
112 100
114 31.4 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 21.250 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015561.D
Acq: 15 Sep 2023 11:37

Tgt Ion:131 Resp: 47695
Ion Ratio Lower Upper
131 100
133 94.4 47.5 142.6
119 64.3 31.6 94.7





#67

Ethyl Benzene

Concen: 19.383 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015561.D

Acq: 15 Sep 2023 11:37

Instrument :

MSVOA_Y

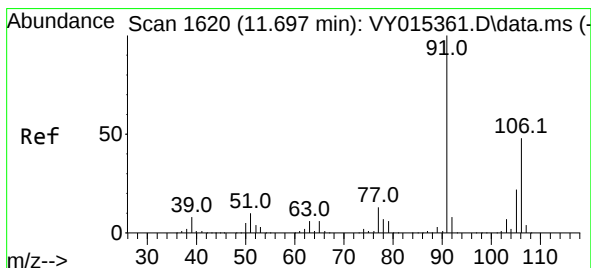
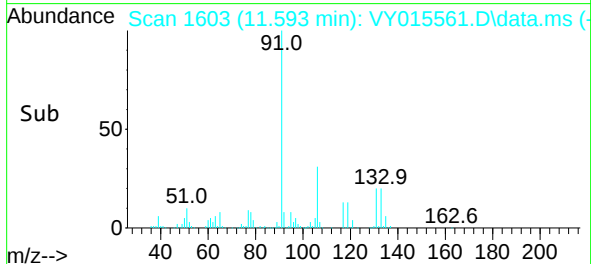
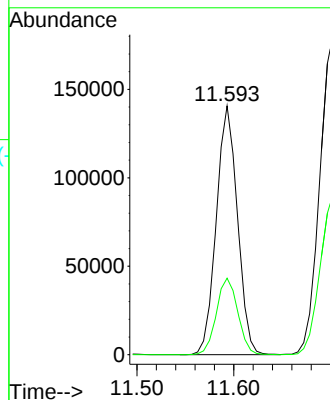
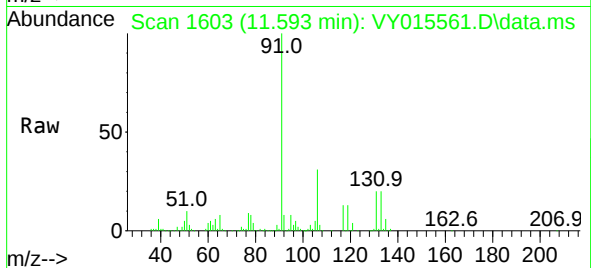
ClientSampleId :

Tgt Ion: 91 Resp: 213426

Ion Ratio Lower Upper

91 100

106 30.8 24.6 36.8



#68

m/p-Xylenes

Concen: 38.673 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY015561.D

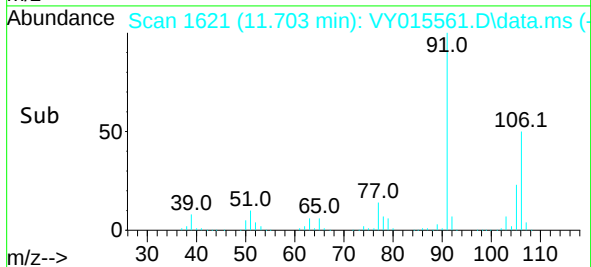
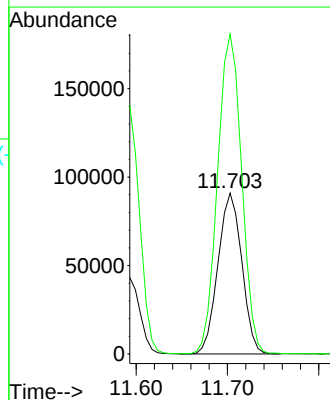
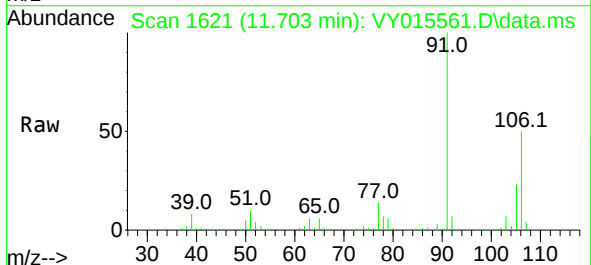
Acq: 15 Sep 2023 11:37

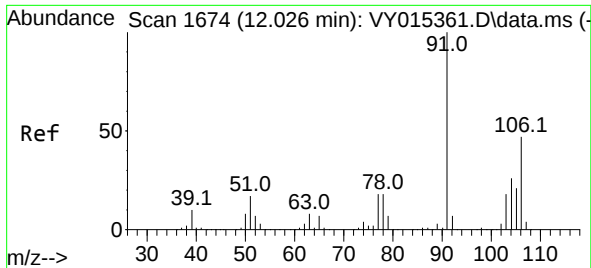
Tgt Ion:106 Resp: 165061

Ion Ratio Lower Upper

106 100

91 200.6 166.1 249.1

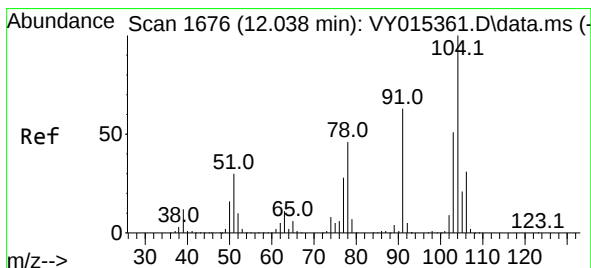
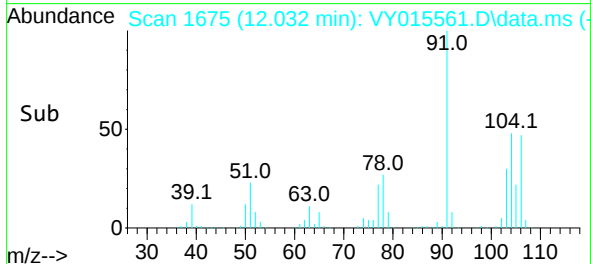
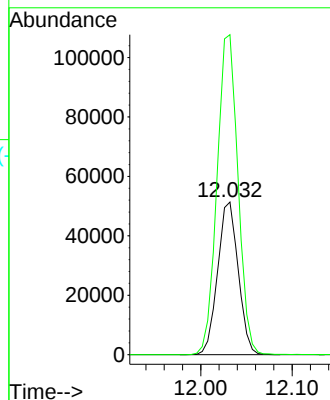
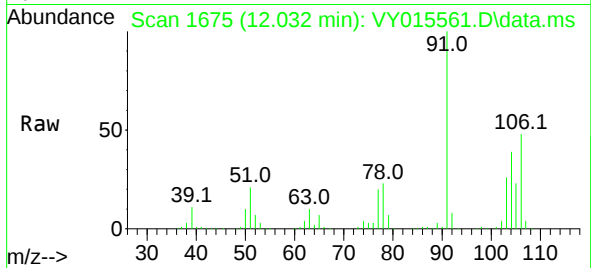




#69
o-Xylene
Concen: 19.735 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY015561.D
Acq: 15 Sep 2023 11:37

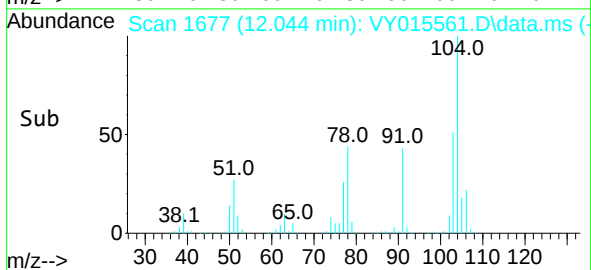
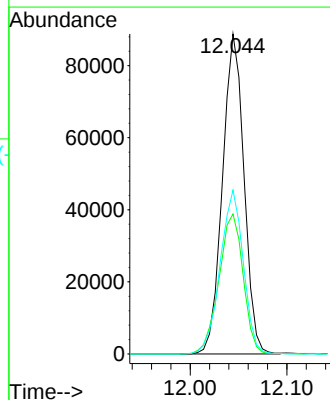
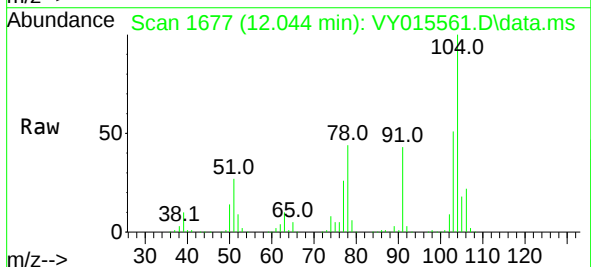
Instrument :
MSVOA_Y
ClientSampleId :

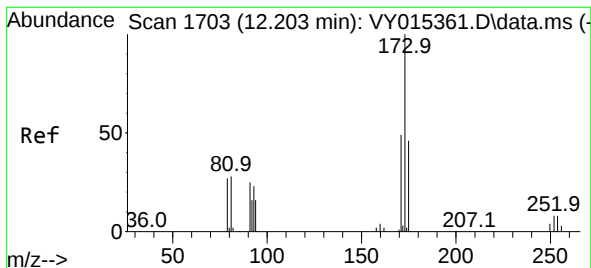
Tgt Ion:106 Resp: 80498
Ion Ratio Lower Upper
106 100
91 213.6 108.1 324.3



#70
Styrene
Concen: 19.979 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015561.D
Acq: 15 Sep 2023 11:37

Tgt Ion:104 Resp: 137026
Ion Ratio Lower Upper
104 100
78 49.3 41.5 62.3
103 55.2 44.6 67.0





#71

Bromoform

Concen: 21.920 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015561.D

Acq: 15 Sep 2023 11:37

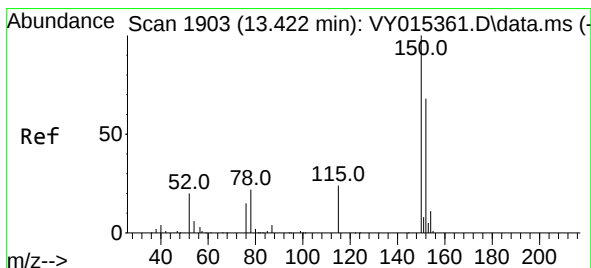
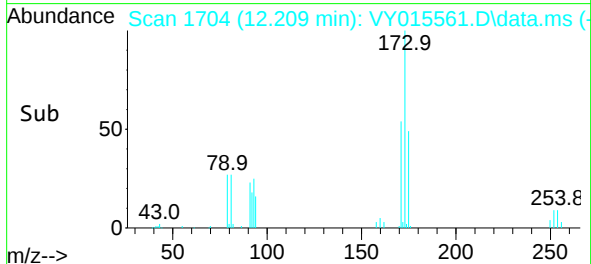
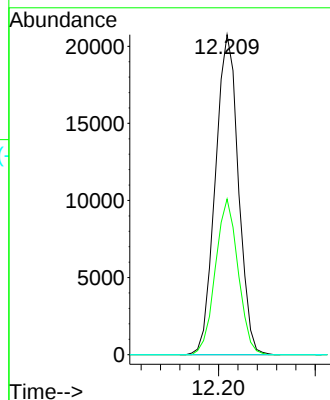
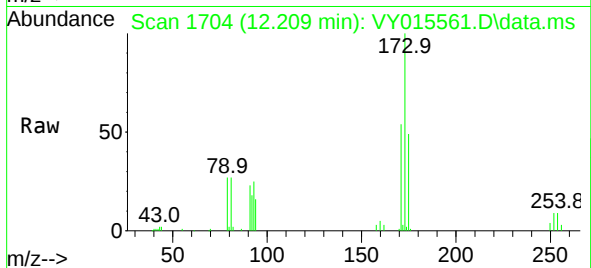
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173 Resp: 34319

Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.6	73.8
254	0.0	0.2	0.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

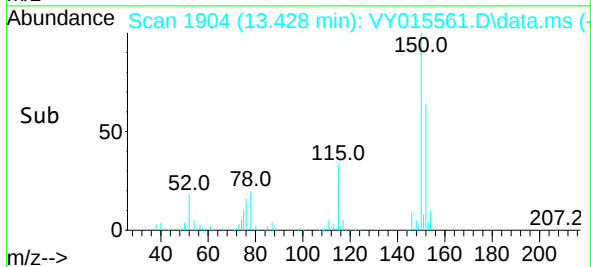
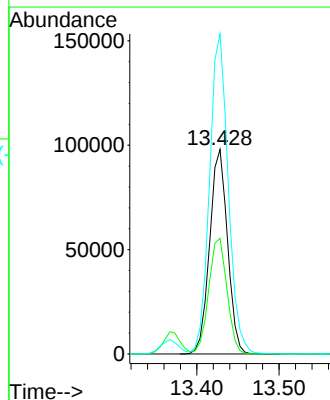
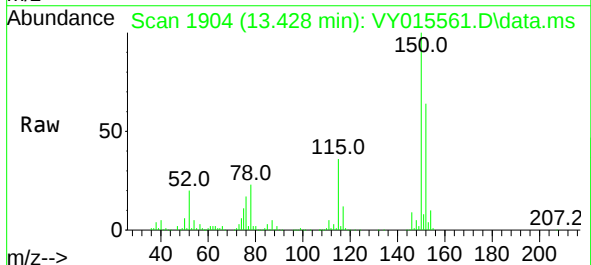
Delta R.T. 0.006 min

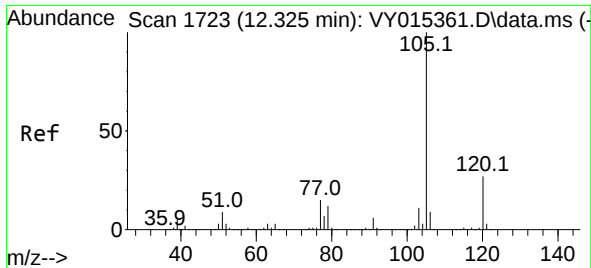
Lab File: VY015561.D

Acq: 15 Sep 2023 11:37

Tgt Ion:152 Resp: 147804

Ion	Ratio	Lower	Upper
152	100		
115	57.9	28.8	86.5
150	163.4	0.0	348.8

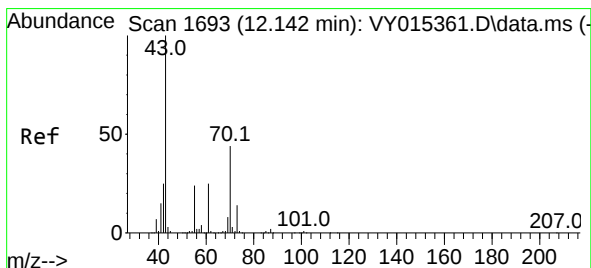
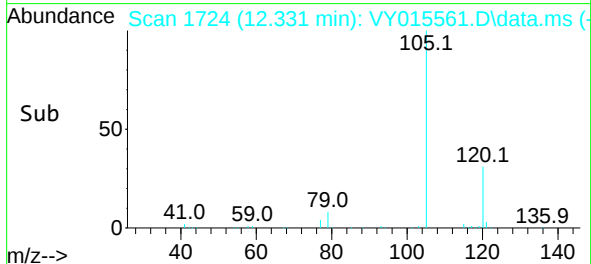
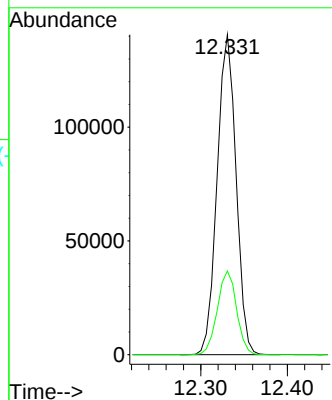
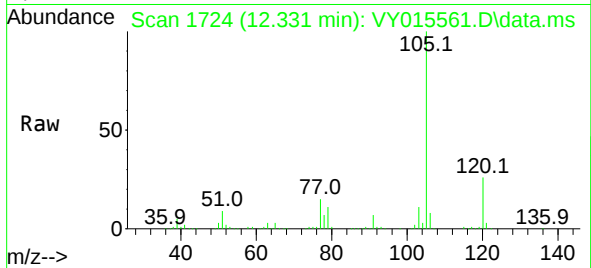




#73
Isopropylbenzene
Concen: 19.250 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015561.D
Acq: 15 Sep 2023 11:37

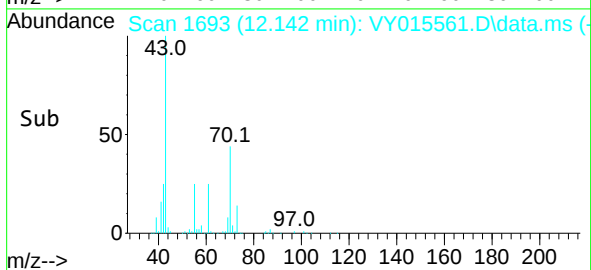
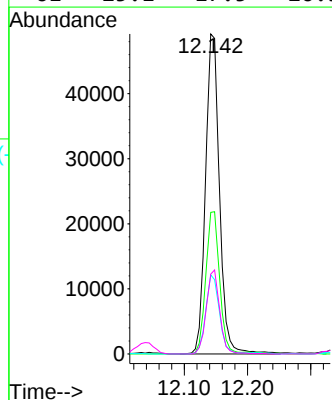
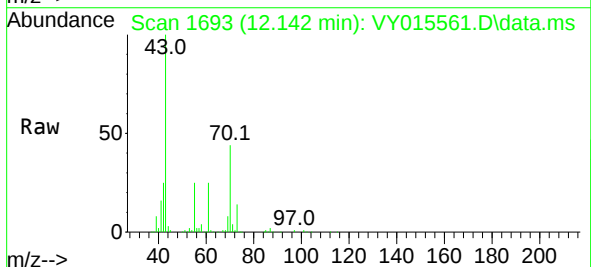
Instrument :
MSVOA_Y
ClientSampleId :

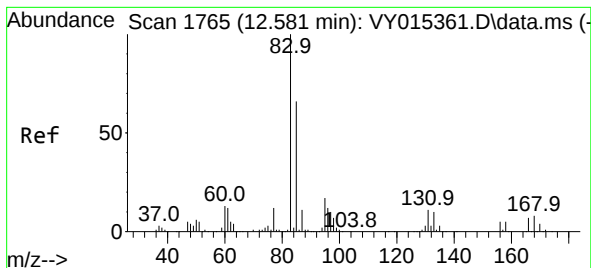
Tgt Ion:105 Resp: 213714
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.9



#74
N-ethyl acetate
Concen: 20.294 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY015561.D
Acq: 15 Sep 2023 11:37

Tgt Ion: 43 Resp: 75694
Ion Ratio Lower Upper
43 100
70 43.8 29.7 44.5
55 24.1 18.3 27.5
61 25.1 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.482 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY015561.D

Acq: 15 Sep 2023 11:37

Instrument :

MSVOA_Y

ClientSampleId :

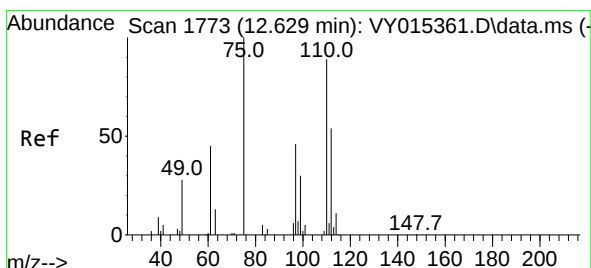
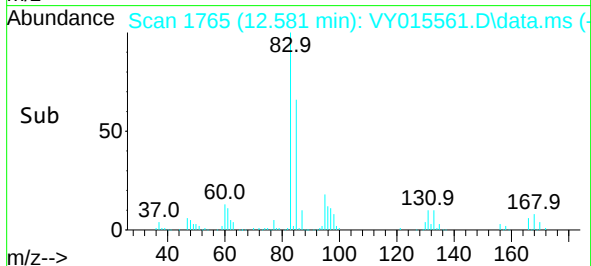
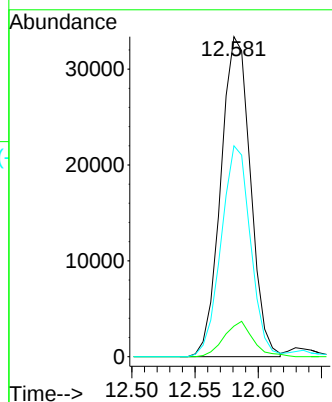
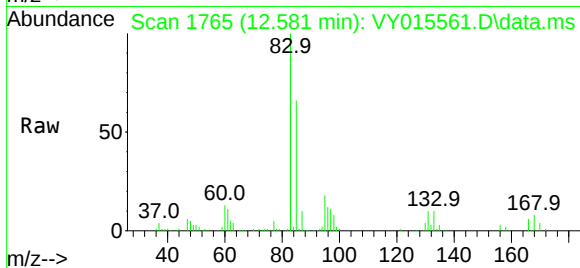
Tgt Ion: 83 Resp: 54283

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

85 65.4 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 37.348 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY015561.D

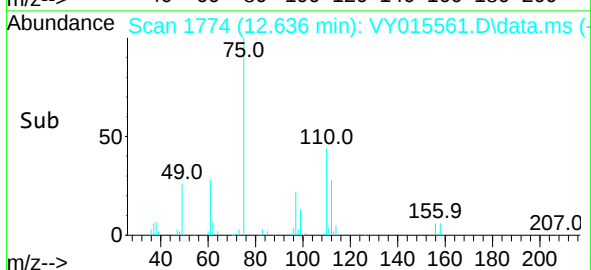
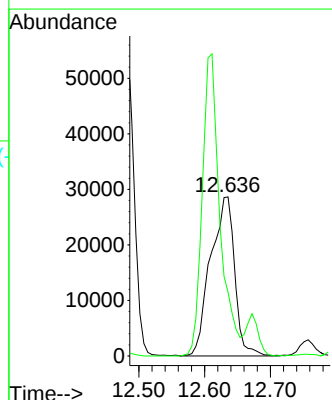
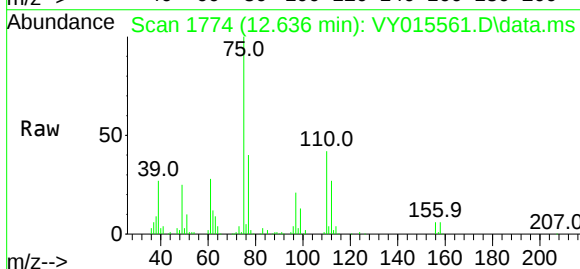
Acq: 15 Sep 2023 11:37

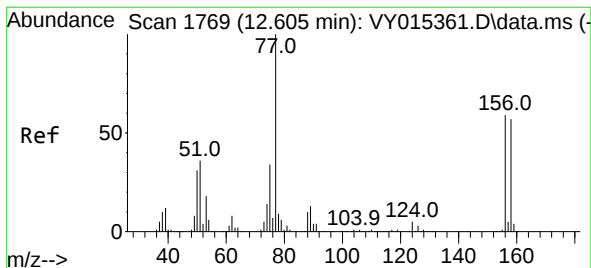
Tgt Ion: 75 Resp: 73204

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.902 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY015561.D

Acq: 15 Sep 2023 11:37

Instrument :

MSVOA_Y

ClientSampleId :

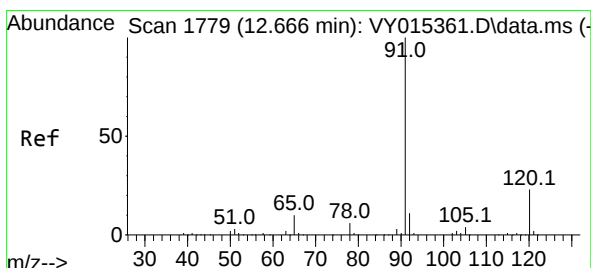
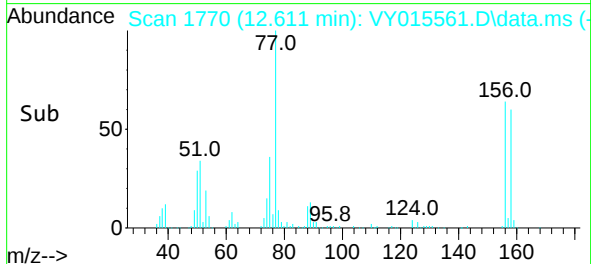
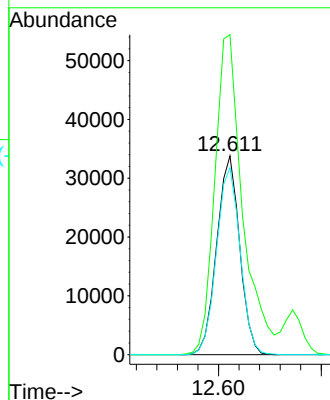
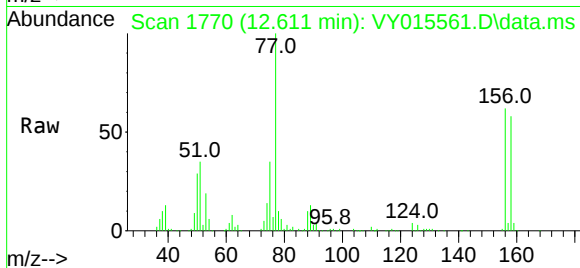
Tgt Ion:156 Resp: 52331

Ion Ratio Lower Upper

156 100

77 194.7 92.8 278.6

158 97.0 48.4 145.3



#78

n-propylbenzene

Concen: 19.278 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015561.D

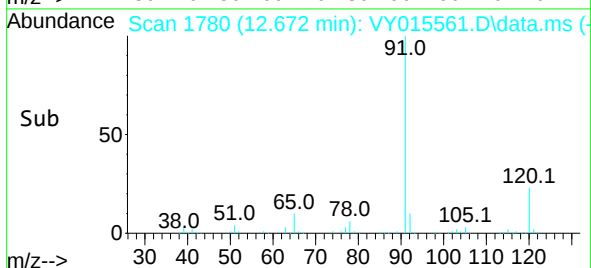
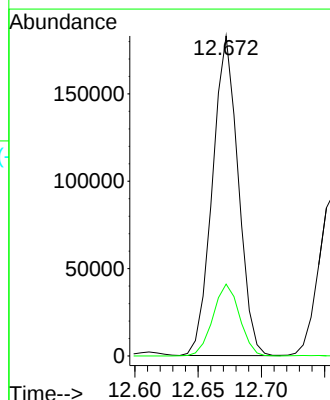
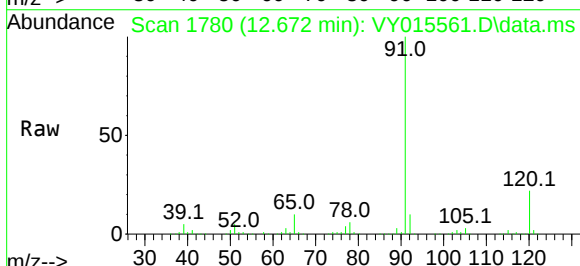
Acq: 15 Sep 2023 11:37

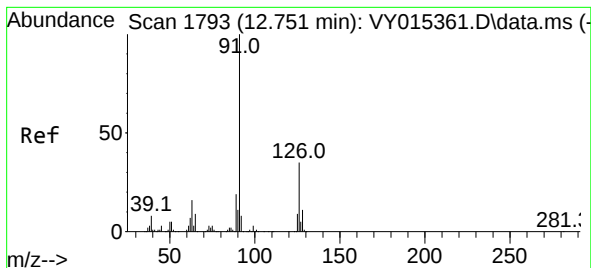
Tgt Ion: 91 Resp: 258973

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.4

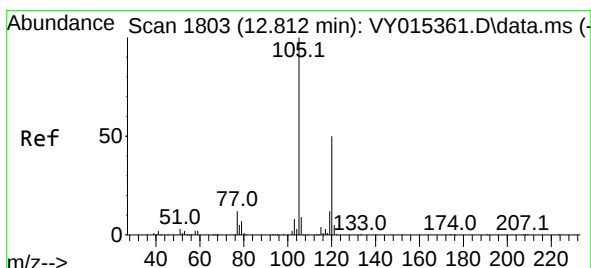
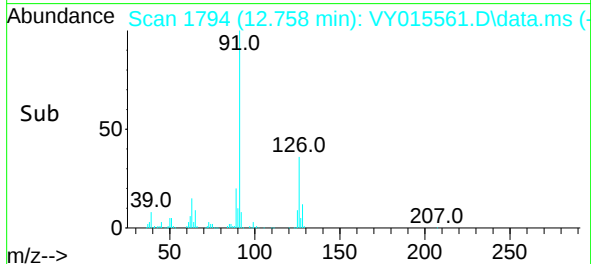
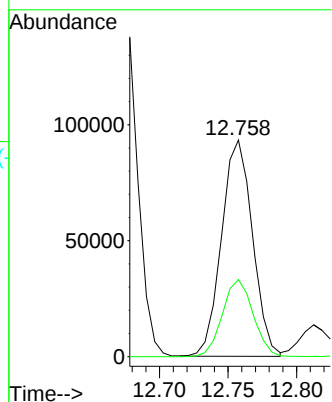
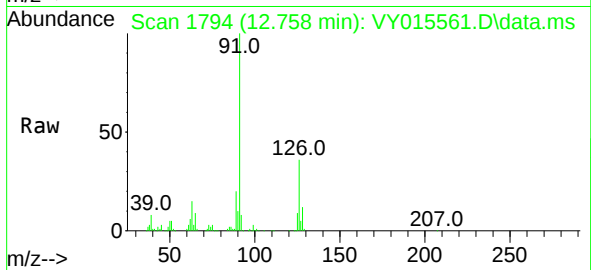




#79
2-Chlorotoluene
Concen: 19.451 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VY015561.D
Acq: 15 Sep 2023 11:37

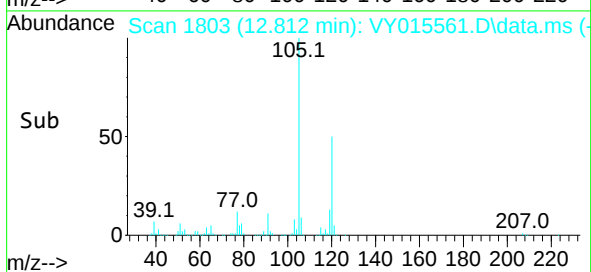
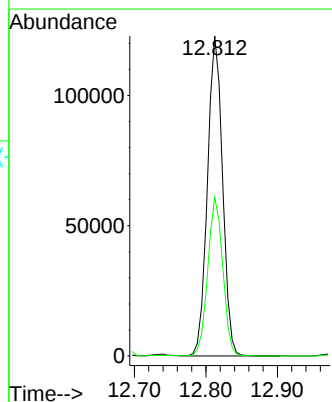
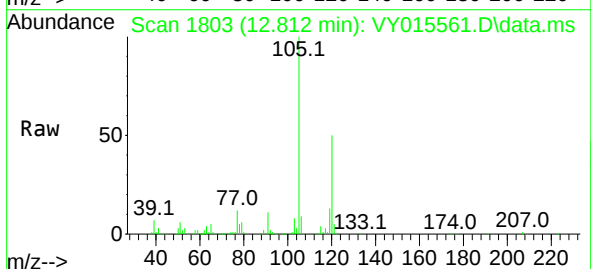
Instrument :
MSVOA_Y
ClientSampleId :

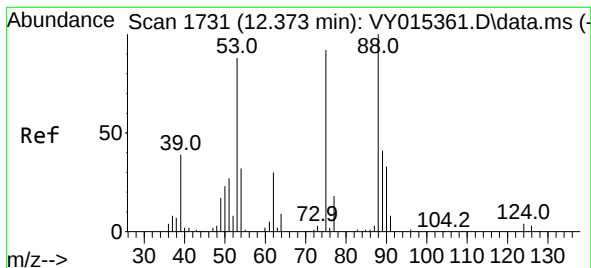
Tgt Ion: 91 Resp: 146559
Ion Ratio Lower Upper
91 100
126 35.3 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 19.416 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY015561.D
Acq: 15 Sep 2023 11:37

Tgt Ion: 105 Resp: 180299
Ion Ratio Lower Upper
105 100
120 49.3 23.9 71.7

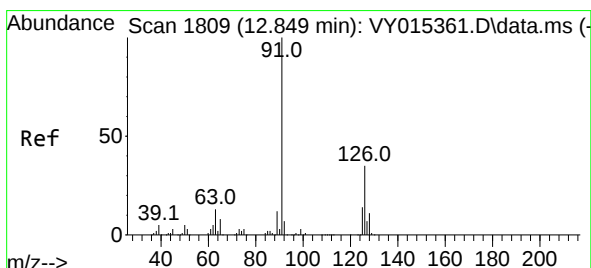
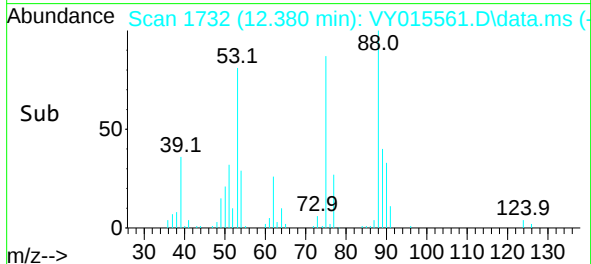
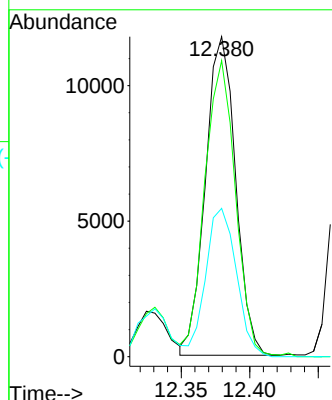
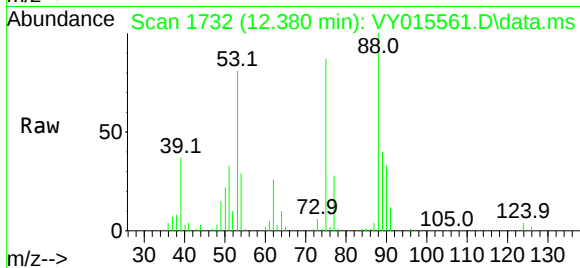




#81
trans-1,4-Dichloro-2-butene
Concen: 20.260 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015561.D
Acq: 15 Sep 2023 11:37

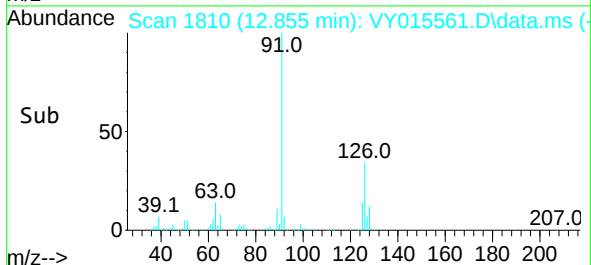
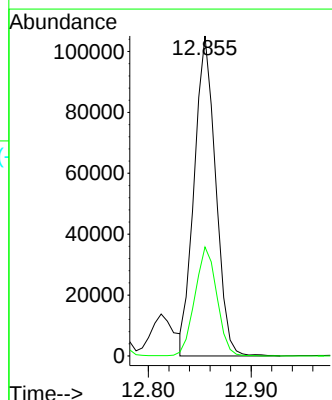
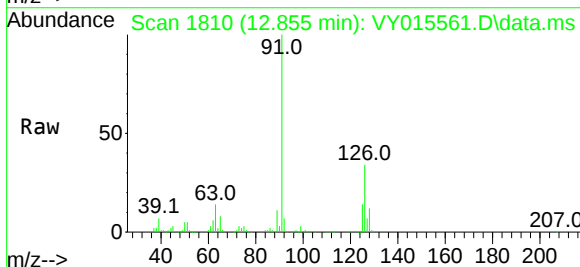
Instrument :
MSVOA_Y
ClientSampleId :

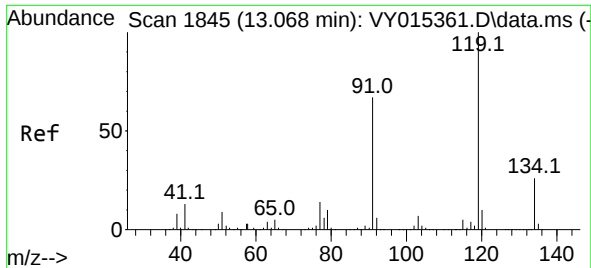
Tgt Ion: 75 Resp: 18002
Ion Ratio Lower Upper
75 100
53 94.7 77.8 116.8
89 47.0 37.4 56.0



#82
4-Chlorotoluene
Concen: 19.434 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY015561.D
Acq: 15 Sep 2023 11:37

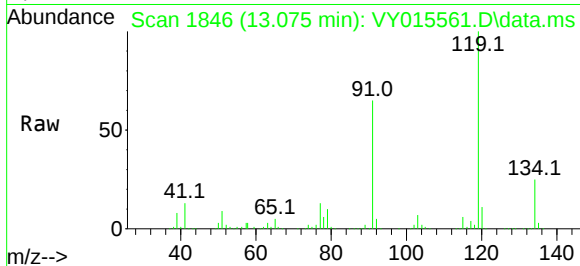
Tgt Ion: 91 Resp: 152186
Ion Ratio Lower Upper
91 100
126 35.0 17.2 51.6



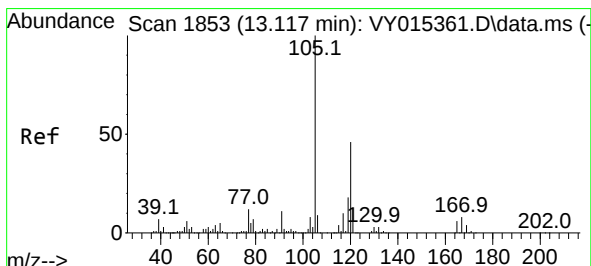
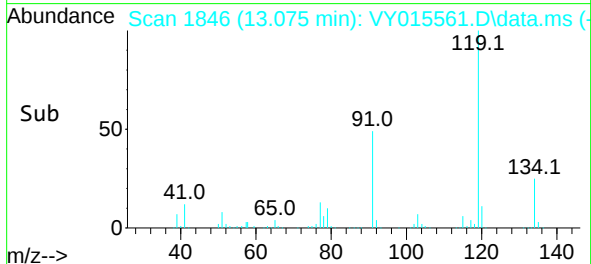
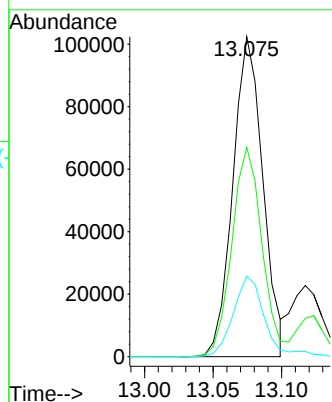


#83
tert-Butylbenzene
Concen: 19.182 ug/l
RT: 13.075 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VY015561.D
Acq: 15 Sep 2023 11:37

Instrument :
MSVOA_Y
ClientSampleId :

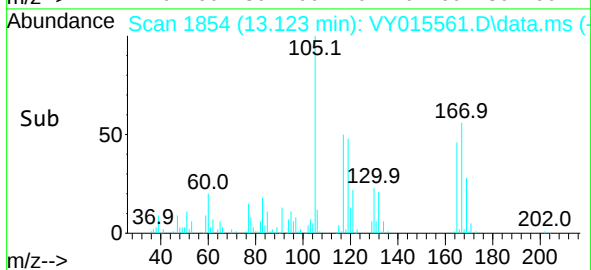
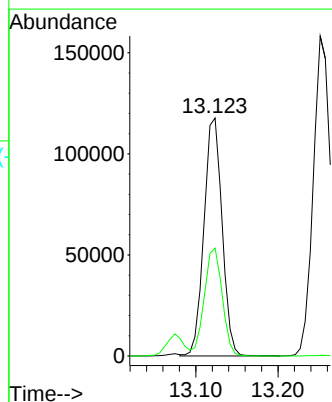
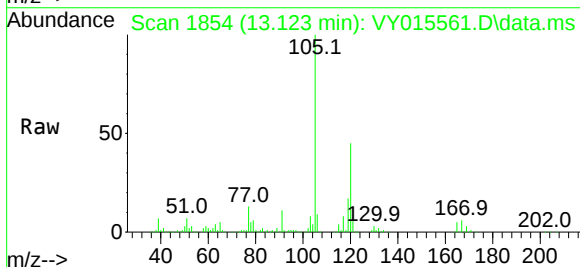


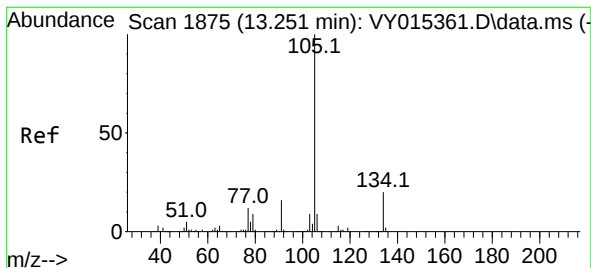
Tgt Ion:119 Resp: 156018
Ion Ratio Lower Upper
119 100
91 66.1 32.9 98.6
134 26.3 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 19.587 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY015561.D
Acq: 15 Sep 2023 11:37

Tgt Ion:105 Resp: 180592
Ion Ratio Lower Upper
105 100
120 44.6 22.2 66.6





#85

sec-Butylbenzene

Concen: 19.384 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015561.D

Acq: 15 Sep 2023 11:37

Instrument :

MSVOA_Y

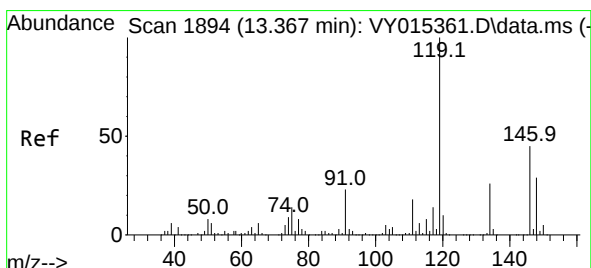
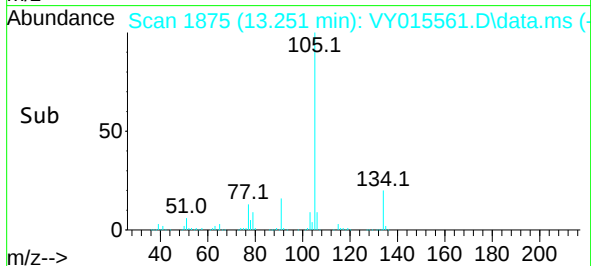
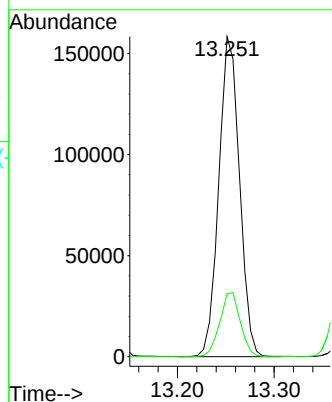
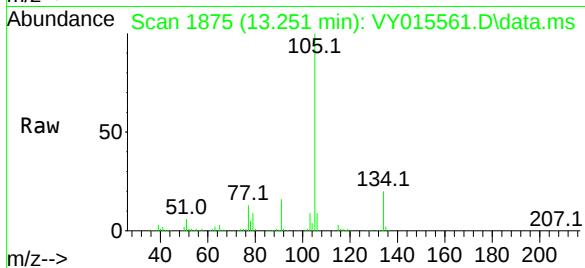
ClientSampleId :

Tgt Ion:105 Resp: 235151

Ion Ratio Lower Upper

105 100

134 20.0 10.2 30.6



#86

p-Isopropyltoluene

Concen: 19.517 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015561.D

Acq: 15 Sep 2023 11:37

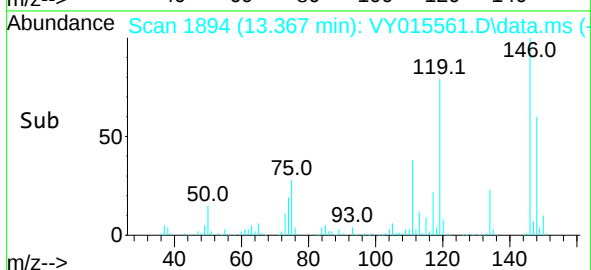
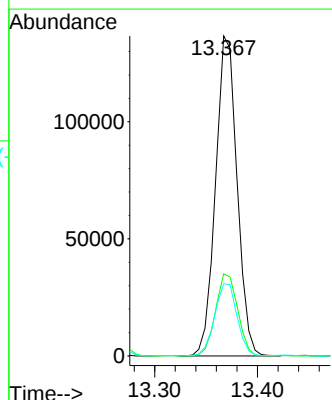
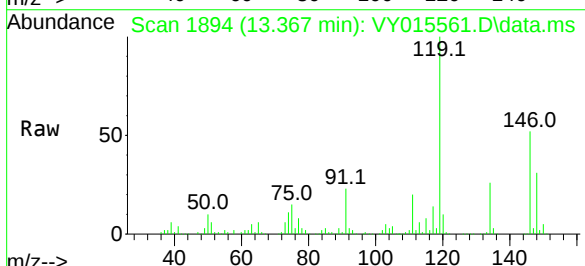
Tgt Ion:119 Resp: 198435

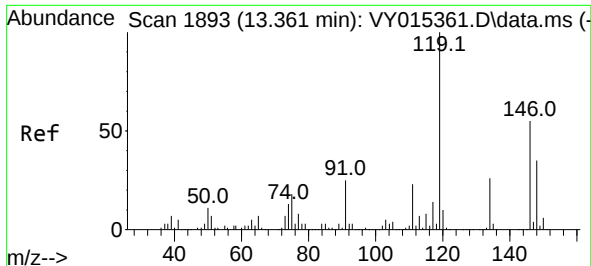
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.8

91 23.5 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 20.106 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015561.D

Acq: 15 Sep 2023 11:37

Instrument :

MSVOA_Y

ClientSampleId :

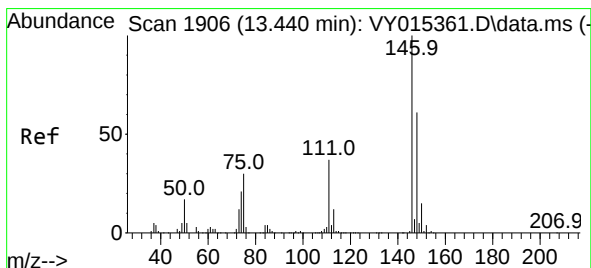
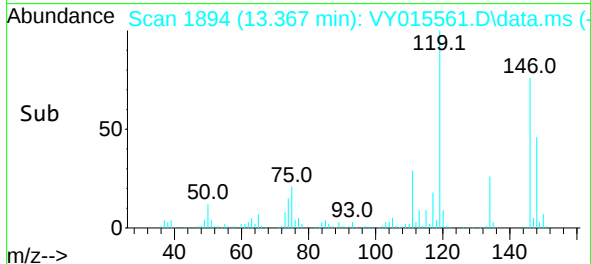
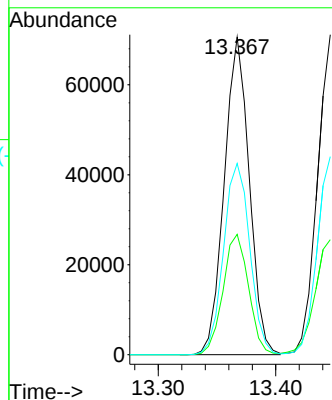
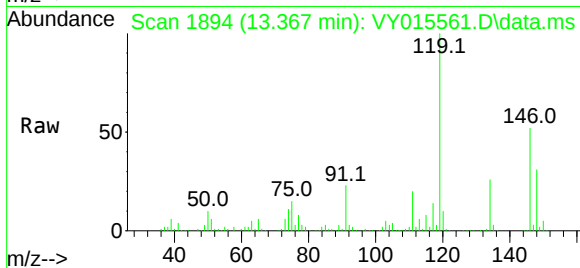
Tgt Ion:146 Resp: 104370

Ion Ratio Lower Upper

146 100

111 38.8 19.4 58.2

148 63.5 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 20.339 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY015561.D

Acq: 15 Sep 2023 11:37

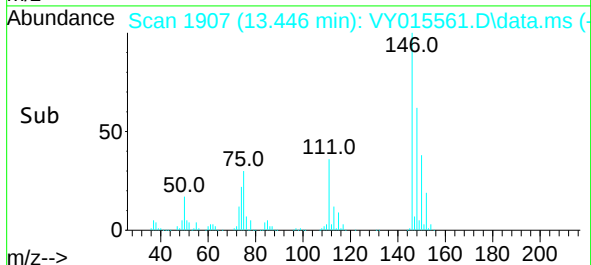
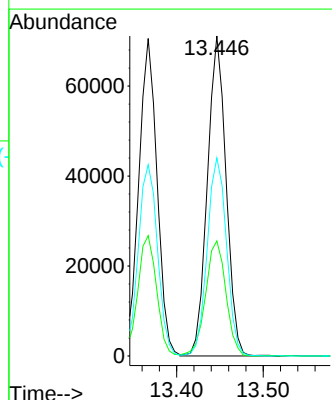
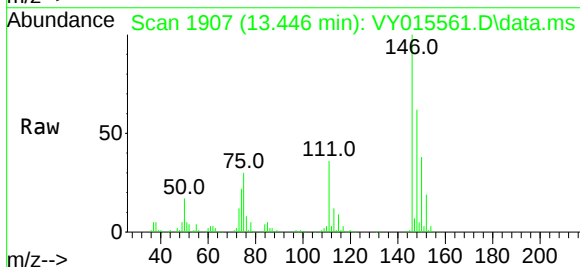
Tgt Ion:146 Resp: 106725

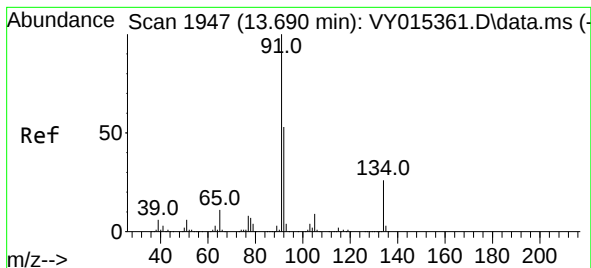
Ion Ratio Lower Upper

146 100

111 39.1 18.9 56.7

148 64.0 32.1 96.5





#89

n-Butylbenzene

Concen: 19.602 ug/l

RT: 13.696 min Scan# 1947

Delta R.T. 0.000 min

Lab File: VY015561.D

Acq: 15 Sep 2023 11:37

Instrument :

MSVOA_Y

ClientSampleId :

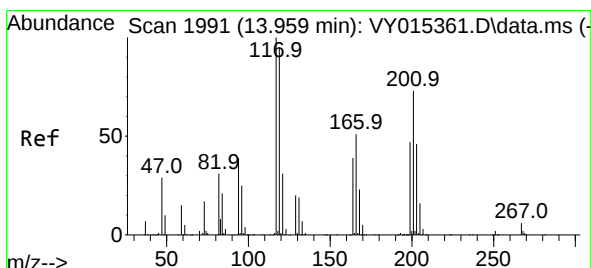
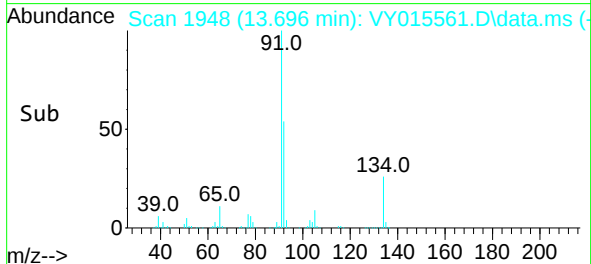
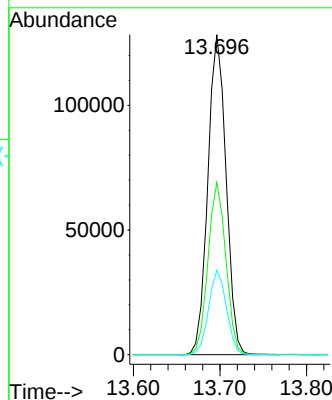
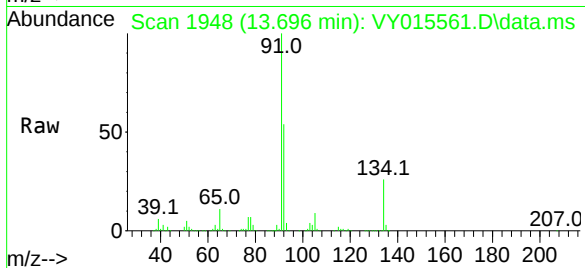
Tgt Ion: 91 Resp: 187589

Ion Ratio Lower Upper

91 100

92 52.8 25.4 76.0

134 25.8 12.6 37.6



#90

Hexachloroethane

Concen: 20.265 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY015561.D

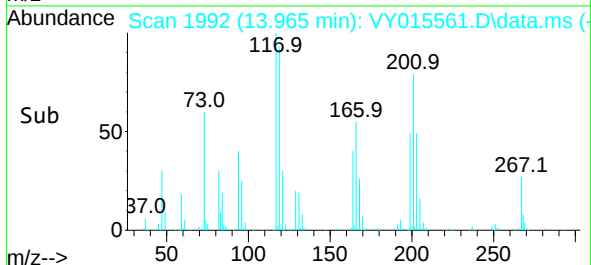
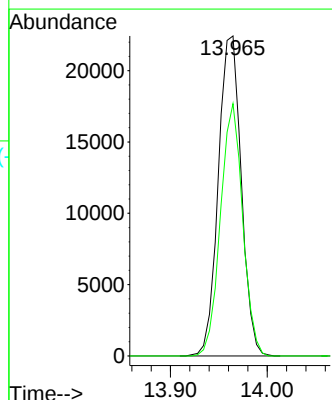
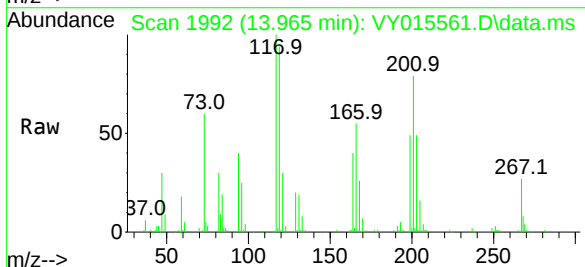
Acq: 15 Sep 2023 11:37

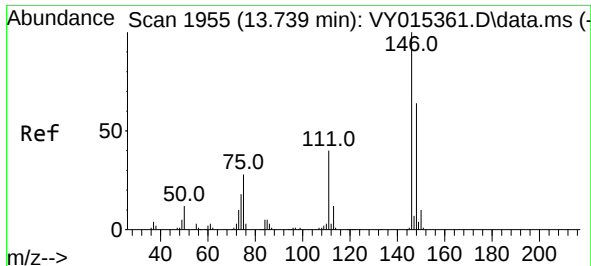
Tgt Ion: 117 Resp: 36851

Ion Ratio Lower Upper

117 100

201 76.2 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 20.610 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY015561.D

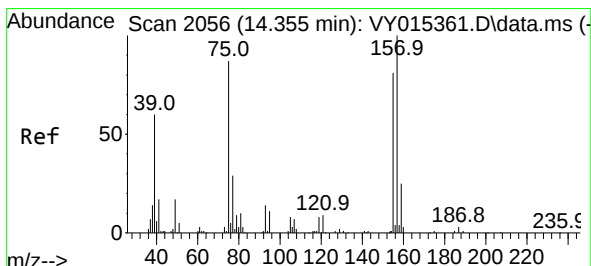
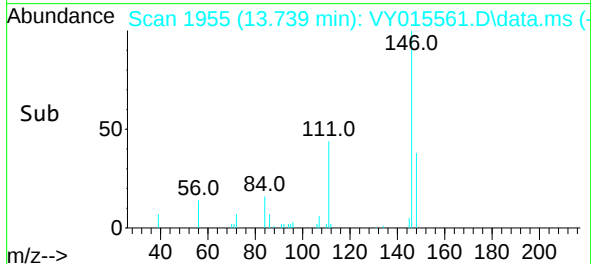
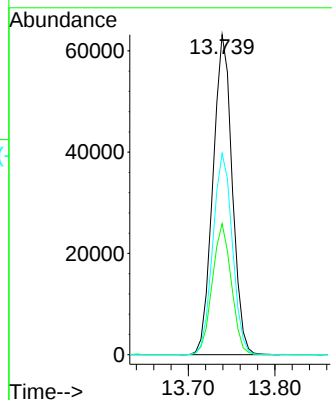
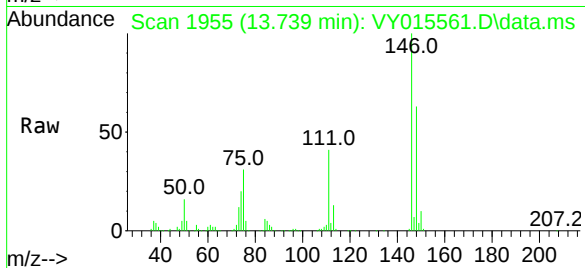
Acq: 15 Sep 2023 11:37

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:146	Resp:	97638
Ion Ratio	Lower	Upper
146	100	
111	40.4	19.7 59.0
148	63.7	32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.224 ug/l

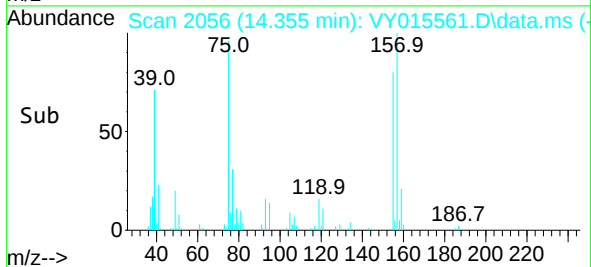
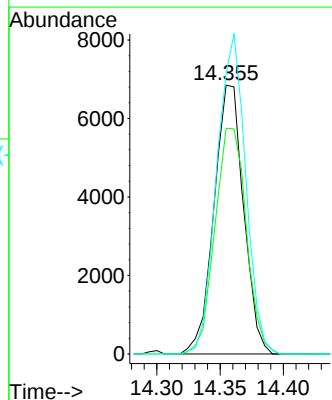
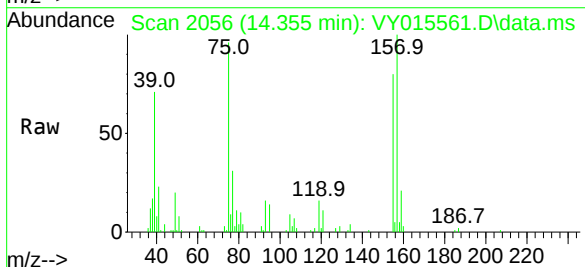
RT: 14.355 min Scan# 2056

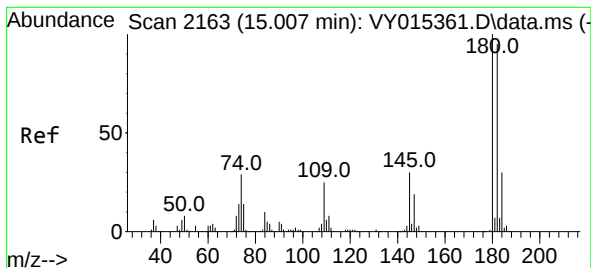
Delta R.T. 0.000 min

Lab File: VY015561.D

Acq: 15 Sep 2023 11:37

Tgt Ion: 75	Resp:	11127
Ion Ratio	Lower	Upper
75	100	
155	88.9	41.5 124.6
157	115.9	51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.941 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015561.D

Acq: 15 Sep 2023 11:37

Instrument :

MSVOA_Y

ClientSampleId :

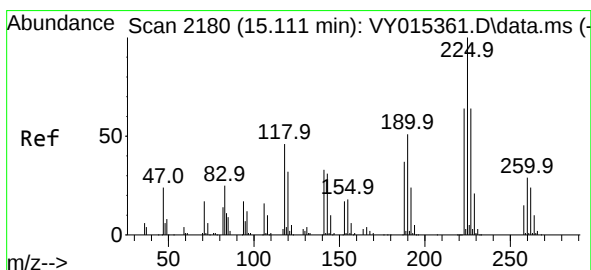
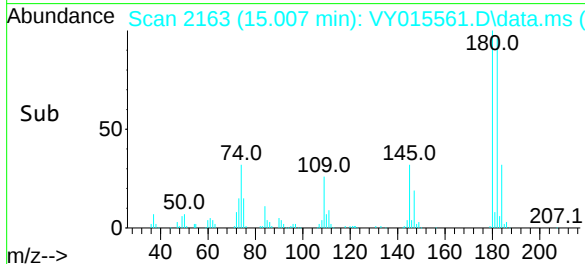
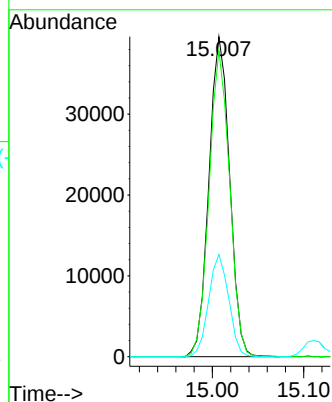
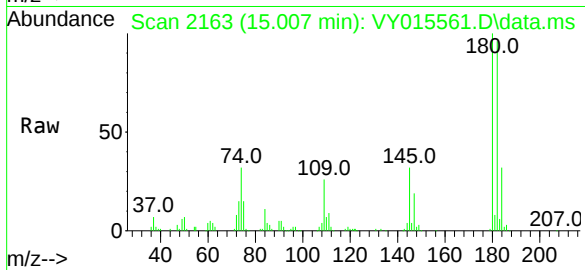
Tgt Ion:180 Resp: 62300

Ion Ratio Lower Upper

180 100

182 94.7 47.0 141.2

145 30.9 14.5 43.5



#94

Hexachlorobutadiene

Concen: 20.135 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY015561.D

Acq: 15 Sep 2023 11:37

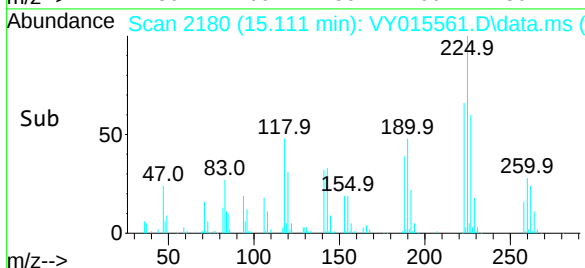
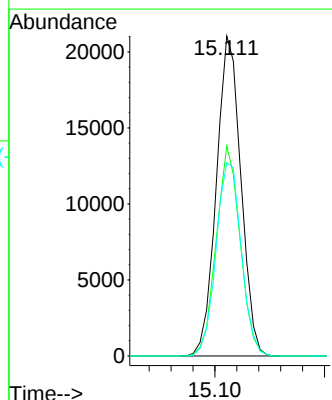
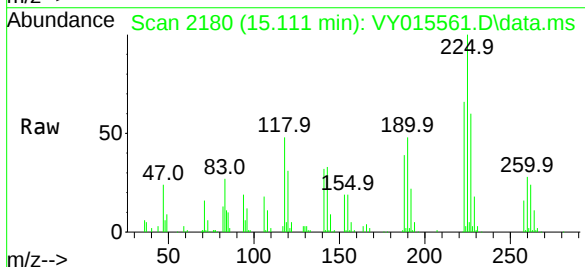
Tgt Ion:225 Resp: 32665

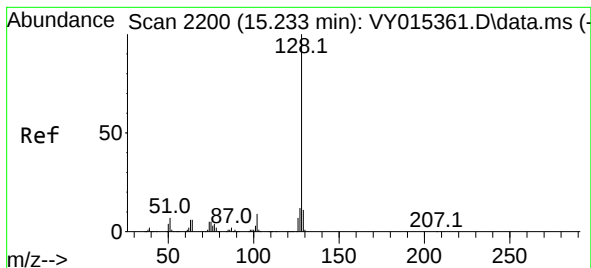
Ion Ratio Lower Upper

225 100

223 63.8 31.9 95.9

227 62.3 33.0 98.9





#95

Naphthalene

Concen: 21.200 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY015561.D

Acq: 15 Sep 2023 11:37

Instrument :

MSVOA_Y

ClientSampleId :

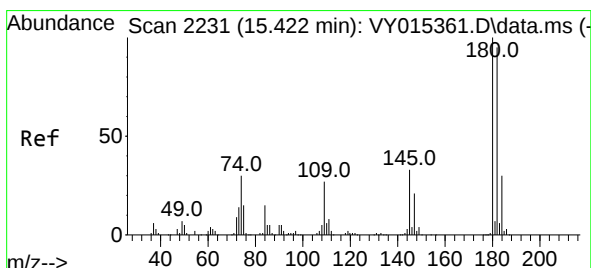
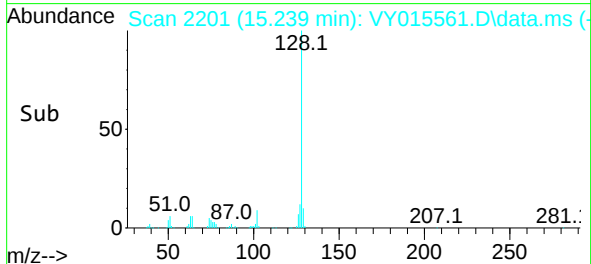
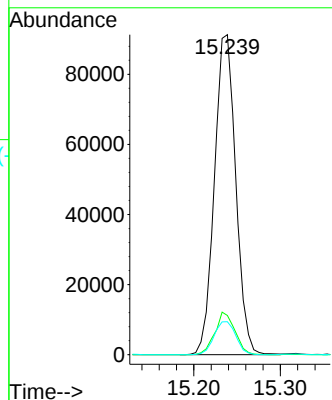
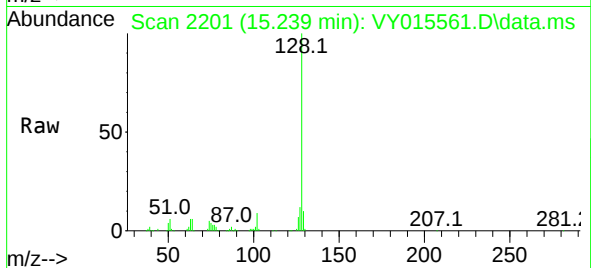
Tgt Ion:128 Resp: 156235

Ion Ratio Lower Upper

128 100

127 12.5 10.8 16.2

129 10.5 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.943 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY015561.D

Acq: 15 Sep 2023 11:37

Tgt Ion:180 Resp: 56834

Ion Ratio Lower Upper

180 100

182 95.1 47.3 141.8

145 32.7 15.4 46.2

