

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092123\
 Data File : VY015669.D
 Acq On : 21 Sep 2023 11:38
 Operator : SY/MD
 Sample : VY0921SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 22 01:19:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	151747	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	254657	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	232692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	117984	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	72244	43.269	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.540%
35) Dibromofluoromethane	7.716	113	69139	45.361	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.720%
50) Toluene-d8	10.179	98	222349	43.024	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.040%
62) 4-Bromofluorobenzene	12.483	95	88802	43.785	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.580%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	19112	19.107	ug/l	99
3) Chloromethane	2.107	50	23710	18.789	ug/l	100
4) Vinyl Chloride	2.247	62	28570	19.802	ug/l	97
5) Bromomethane	2.643	94	21193	17.236	ug/l	98
6) Chloroethane	2.784	64	21357	19.971	ug/l	99
7) Trichlorofluoromethane	3.119	101	50012	20.669	ug/l	99
8) Diethyl Ether	3.527	74	20519	19.885	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.887	101	30814	20.339	ug/l	95
10) Methyl Iodide	4.088	142	26476	16.779	ug/l	99
11) Tert butyl alcohol	4.984	59	49390	122.022	ug/l #	89
12) 1,1-Dichloroethene	3.863	96	25422	19.042	ug/l	90
13) Acrolein	3.735	56	22999	89.944	ug/l	99
14) Allyl chloride	4.478	41	46426	19.020	ug/l	95
15) Acrylonitrile	5.167	53	78861	104.181	ug/l	98
16) Acetone	3.960	43	93035	104.122	ug/l	92
17) Carbon Disulfide	4.192	76	45841	17.675	ug/l	98
18) Methyl Acetate	4.484	43	63459	21.168	ug/l	95
19) Methyl tert-butyl Ether	5.228	73	108009	19.864	ug/l	96
20) Methylene Chloride	4.716	84	47773	21.672	ug/l	92
21) trans-1,2-Dichloroethene	5.222	96	29981	19.648	ug/l	94
22) Diisopropyl ether	6.118	45	118730	20.212	ug/l	97
23) Vinyl Acetate	6.063	43	359856	99.249	ug/l	97
24) 1,1-Dichloroethane	6.015	63	64139	20.032	ug/l	96
25) 2-Butanone	6.990	43	132615	105.004	ug/l	96
26) 2,2-Dichloropropane	6.978	77	54897	18.759	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	40262	19.875	ug/l	96
28) Bromochloromethane	7.338	49	16440	18.925	ug/l	99
29) Tetrahydrofuran	7.356	42	74606	104.514	ug/l	95
30) Chloroform	7.508	83	68321	19.925	ug/l	94
31) Cyclohexane	7.783	56	45706	19.761	ug/l	92
32) 1,1,1-Trichloroethane	7.703	97	57893	20.452	ug/l	97
36) 1,1-Dichloropropene	7.917	75	44210	19.617	ug/l	99
37) Ethyl Acetate	7.082	43	47376	21.075	ug/l	97
38) Carbon Tetrachloride	7.905	117	49309	20.157	ug/l	99
39) Methylcyclohexane	9.185	83	48370	19.405	ug/l	95
40) Benzene	8.161	78	138777	20.193	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	23130	19.110	ug/l	96
42) 1,2-Dichloroethane	8.240	62	47787	20.302	ug/l	95
43) Isopropyl Acetate	8.276	43	78721	20.501	ug/l	99
44) Trichloroethene	8.941	130	39370	20.510	ug/l	99
45) 1,2-Dichloropropane	9.215	63	38792	20.240	ug/l	99
46) Dibromomethane	9.307	93	25074	20.452	ug/l	93
47) Bromodichloromethane	9.496	83	55400	20.273	ug/l	97
48) Methyl methacrylate	9.295	41	34062	20.209	ug/l	91
49) 1,4-Dioxane	9.313	88	10948	452.018	ug/l #	57
51) 4-Methyl-2-Pentanone	10.069	43	255452	107.331	ug/l	95
52) Toluene	10.246	92	89760	20.258	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	57591	19.653	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	62731	19.887	ug/l	91
55) 1,1,2-Trichloroethane	10.648	97	37441	20.839	ug/l	96
56) Ethyl methacrylate	10.514	69	53160	20.078	ug/l	89
57) 1,3-Dichloropropane	10.794	76	61375	20.371	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	78107	92.871	ug/l	96
59) 2-Hexanone	10.837	43	196601	107.668	ug/l	92
60) Dibromochloromethane	10.983	129	42625	20.324	ug/l	98
61) 1,2-Dibromoethane	11.087	107	35498	20.196	ug/l	100
64) Tetrachloroethene	10.721	164	41443	20.759	ug/l	97
65) Chlorobenzene	11.520	112	102417	20.164	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	39751	20.148	ug/l	98
67) Ethyl Benzene	11.593	91	178560	20.113	ug/l	100
68) m/p-Xylenes	11.703	106	139003	41.194	ug/l	95
69) o-Xylene	12.032	106	66150	19.992	ug/l	99
70) Styrene	12.044	104	115019	20.308	ug/l	97
71) Bromoform	12.209	173	29327	20.512	ug/l #	98
73) Isopropylbenzene	12.331	105	180521	20.396	ug/l	100
74) N-amyl acetate	12.148	43	66976	20.134	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	51350	20.846	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	66718	35.446	ug/l #	100
77) Bromobenzene	12.611	156	44266	20.375	ug/l	95
78) n-propylbenzene	12.672	91	219446	20.409	ug/l	100
79) 2-Chlorotoluene	12.757	91	123904	20.216	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	151417	20.435	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	17081	20.436	ug/l	94
82) 4-Chlorotoluene	12.855	91	128521	20.086	ug/l	100
83) tert-Butylbenzene	13.074	119	131759	20.303	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	151844	20.481	ug/l	98
85) sec-Butylbenzene	13.257	105	200714	20.667	ug/l	100
86) p-Isopropyltoluene	13.373	119	166026	20.465	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	87243	20.241	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	88493	20.529	ug/l	98
89) n-Butylbenzene	13.696	91	157241	20.469	ug/l	97
90) Hexachloroethane	13.964	117	31492	20.114	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	80443	20.218	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10314	21.082	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	50507	20.164	ug/l	98
94) Hexachlorobutadiene	15.111	225	26575	20.718	ug/l	96
95) Naphthalene	15.239	128	131431	20.123	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	46166	19.969	ug/l	97

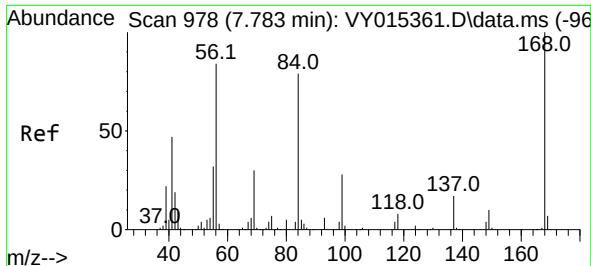
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Response via : Initial Calibration

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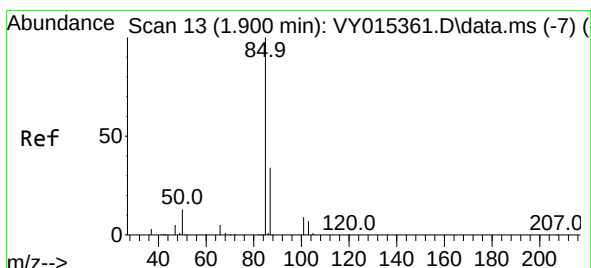
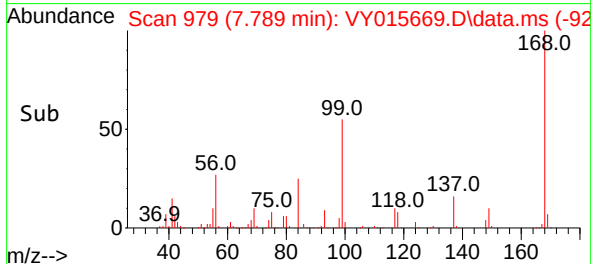
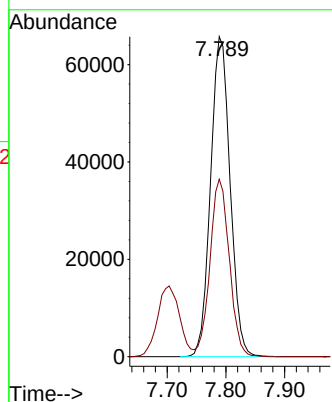
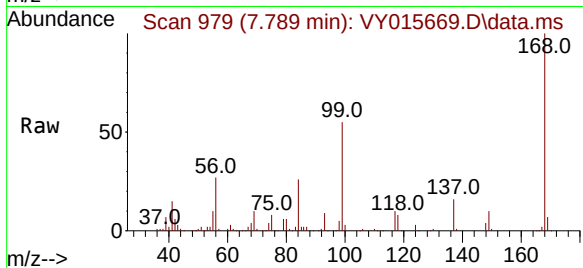
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

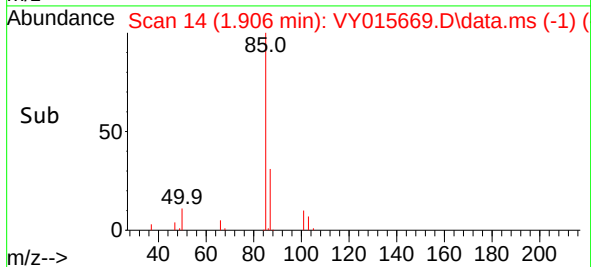
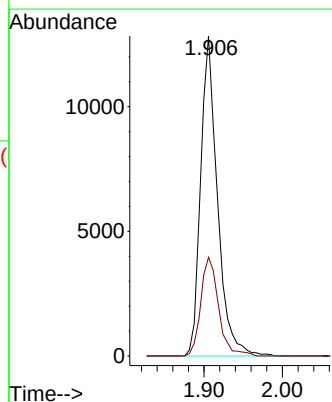
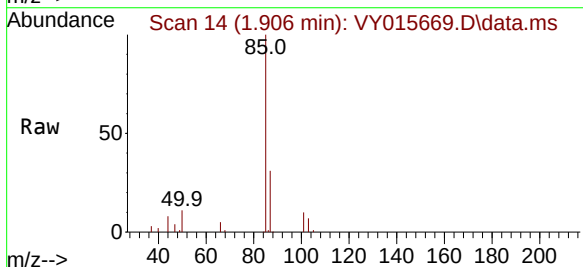
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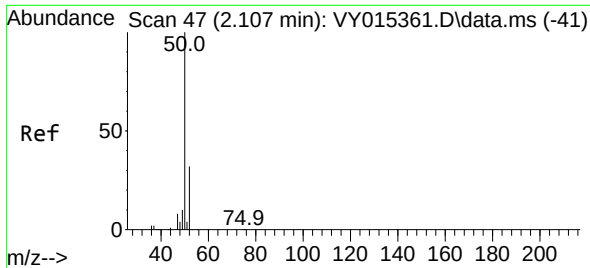
Tgt Ion:168 Resp: 151747
Ion Ratio Lower Upper
168 100
99 55.4 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 19.107 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

Tgt Ion: 85 Resp: 19112
Ion Ratio Lower Upper
85 100
87 30.8 15.6 46.8

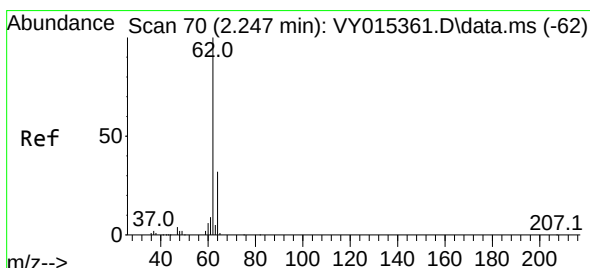
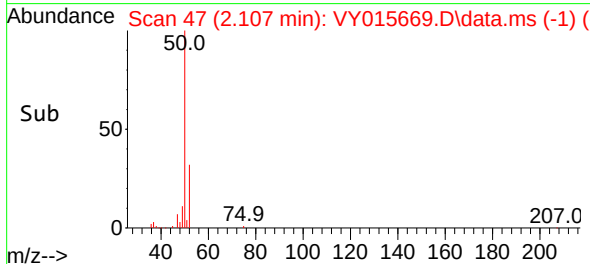
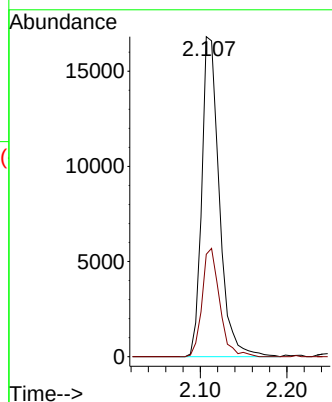
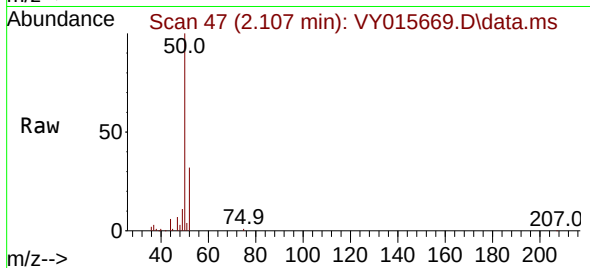




#3
Chloromethane
Concen: 18.789 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

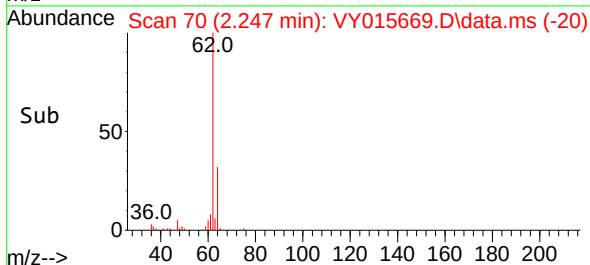
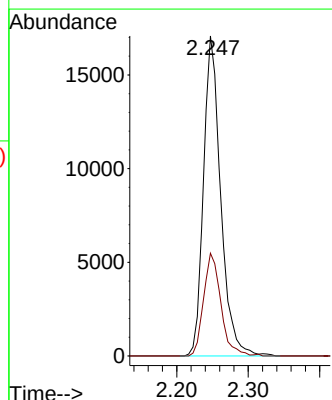
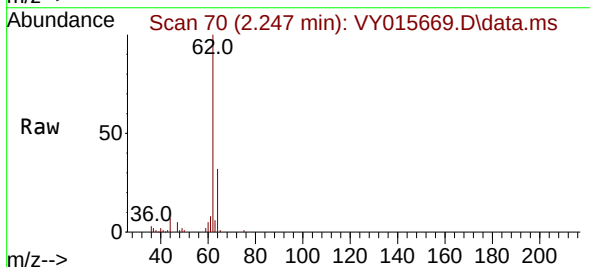
Instrument :
MSVOA_Y
ClientSampleId :

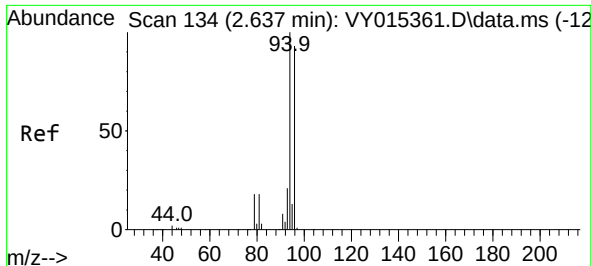
Tgt Ion: 50 Resp: 23710
Ion Ratio Lower Upper
50 100
52 32.0 25.4 38.2



#4
Vinyl Chloride
Concen: 19.802 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

Tgt Ion: 62 Resp: 28570
Ion Ratio Lower Upper
62 100
64 32.1 24.3 36.5

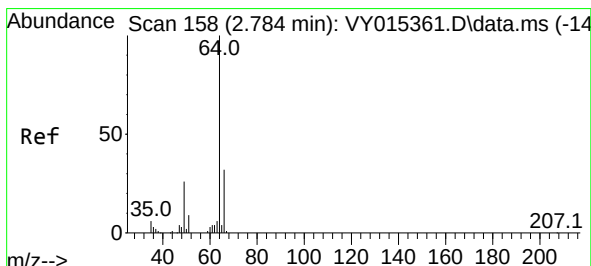
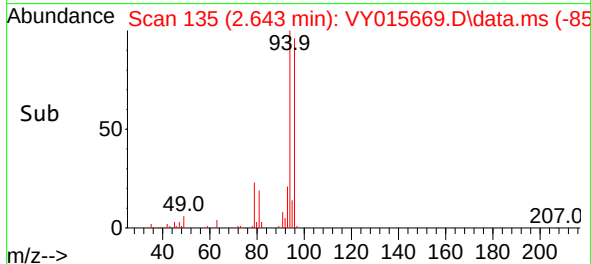
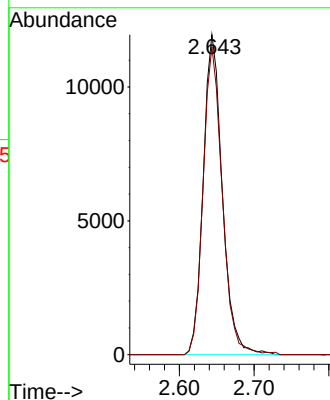
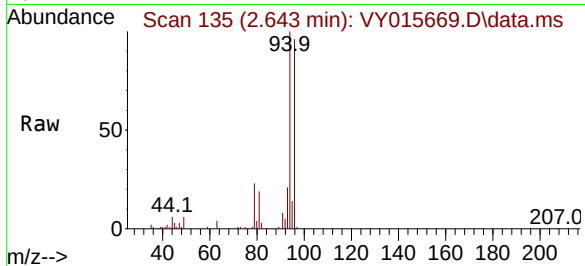




#5
Bromomethane
Concen: 17.236 ug/l
RT: 2.643 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

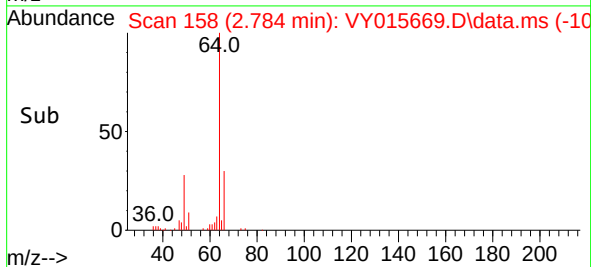
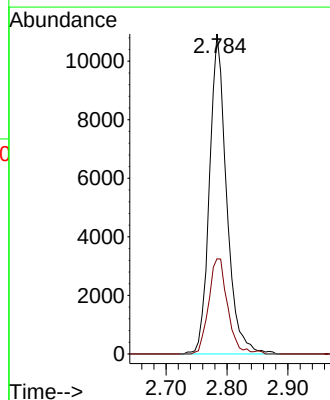
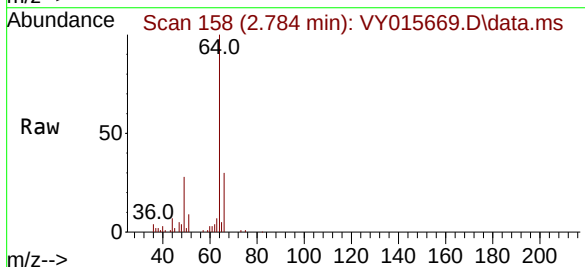
Instrument :
MSVOA_Y
ClientSampleId :

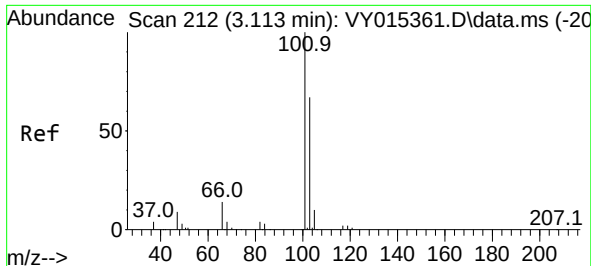
Tgt Ion: 94 Resp: 21193
Ion Ratio Lower Upper
94 100
96 96.2 75.8 113.6



#6
Chloroethane
Concen: 19.971 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

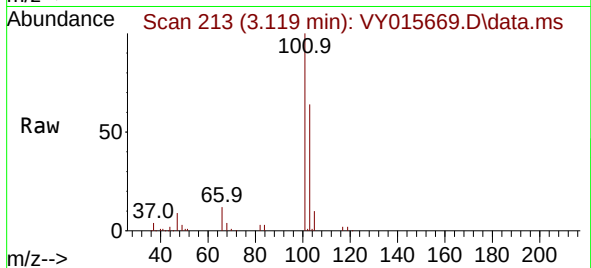
Tgt Ion: 64 Resp: 21357
Ion Ratio Lower Upper
64 100
66 29.8 24.4 36.6



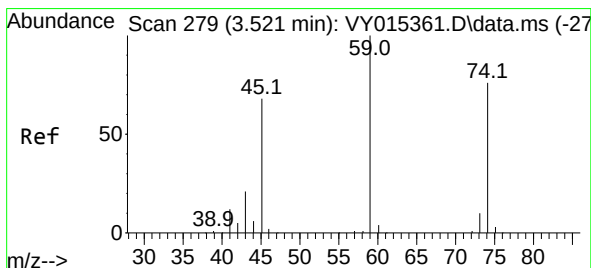
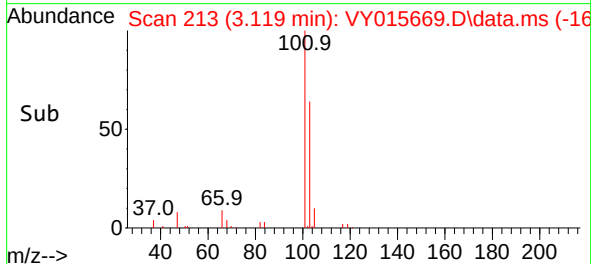
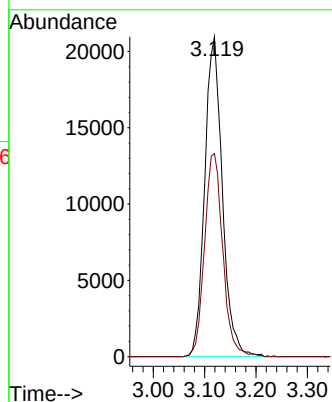


#7
 Trichlorofluoromethane
 Concen: 20.669 ug/l
 RT: 3.119 min Scan# 212
 Delta R.T. 0.006 min
 Lab File: VY015669.D
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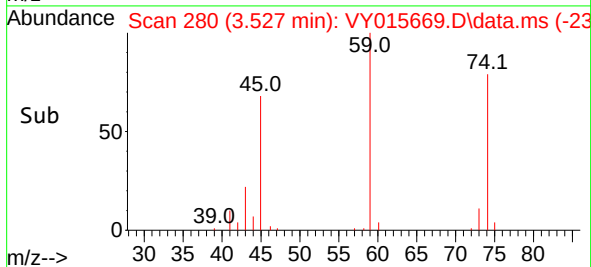
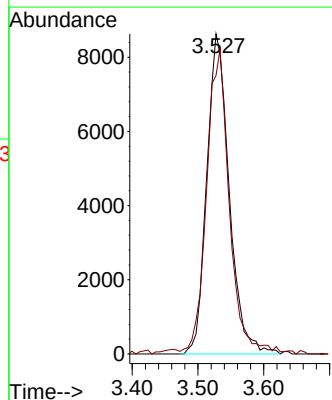
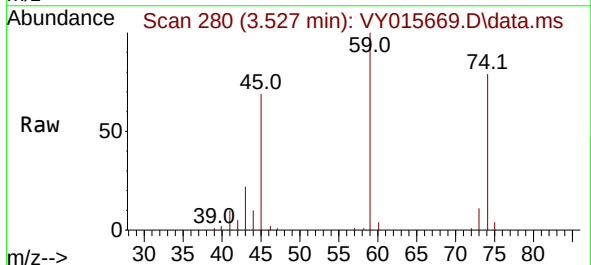


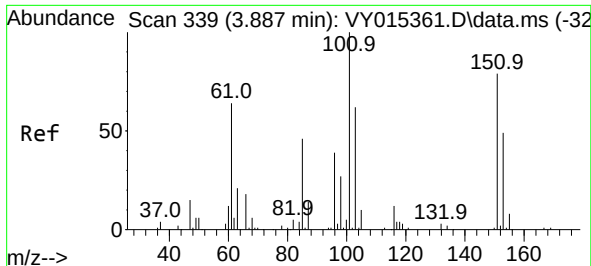
Tgt Ion:101 Resp: 50012
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.4 77.0



#8
 Diethyl Ether
 Concen: 19.885 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.006 min
 Lab File: VY015669.D
 Acq: 21 Sep 2023 11:38

Tgt Ion: 74 Resp: 20519
 Ion Ratio Lower Upper
 74 100
 45 93.5 51.5 154.5

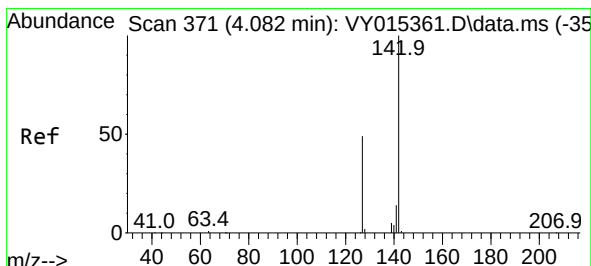
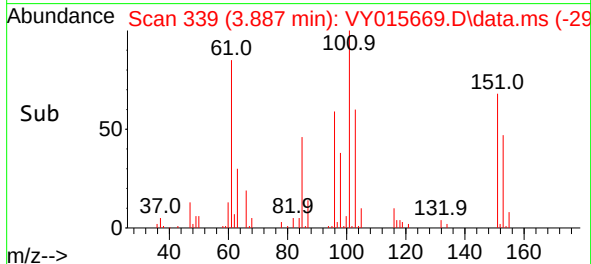
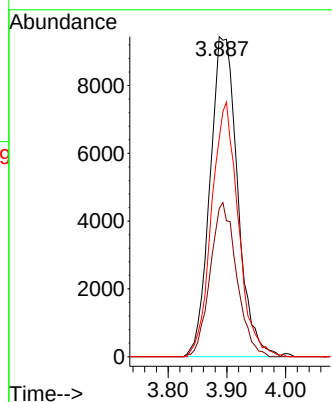
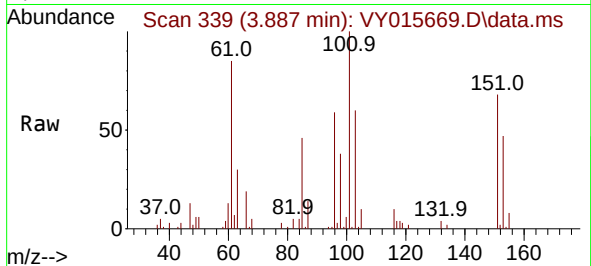




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.339 ug/l
RT: 3.887 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY015669.D
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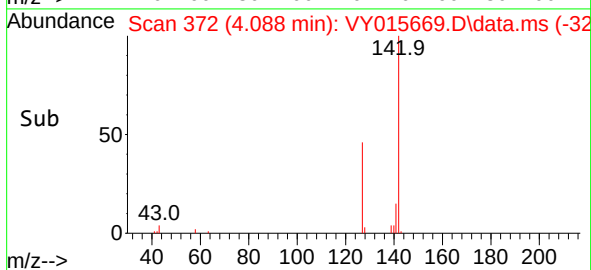
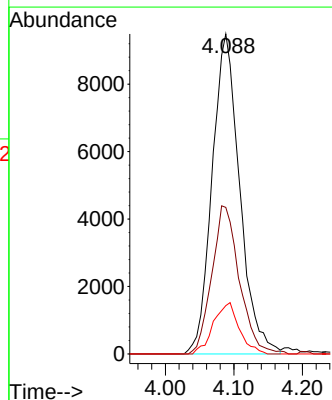
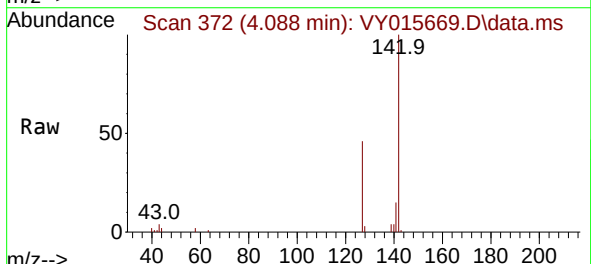
Instrument :
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ClientSampleId :

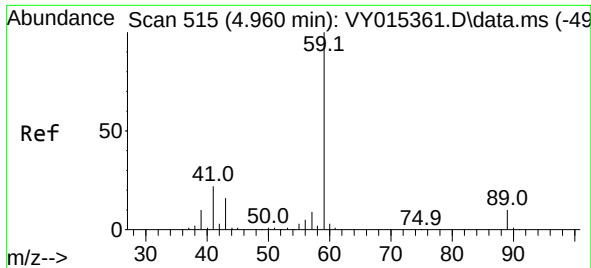
Tgt Ion:101 Resp: 30814
Ion Ratio Lower Upper
101 100
85 46.2 36.6 55.0
151 77.1 67.0 100.6



#10
Methyl Iodide
Concen: 16.779 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

Tgt Ion:142 Resp: 26476
Ion Ratio Lower Upper
142 100
127 46.2 37.6 56.4
141 15.0 11.8 17.8

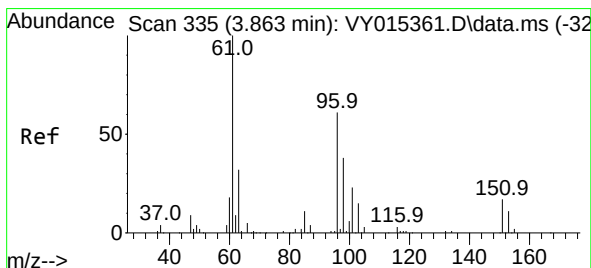
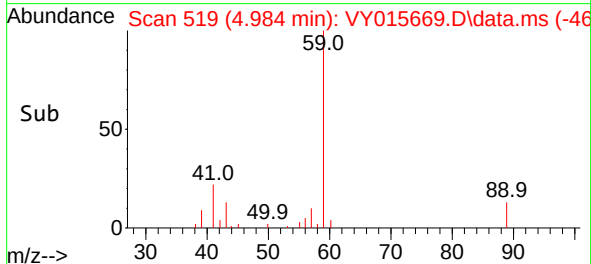
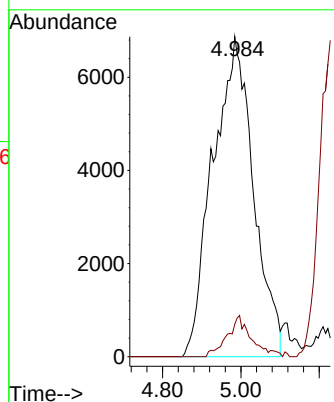
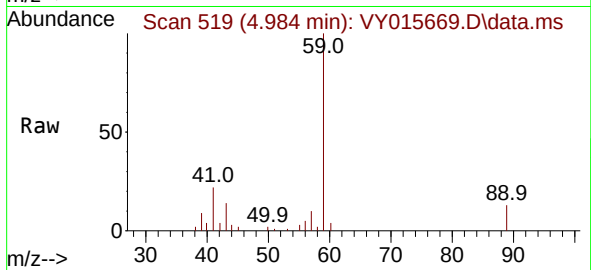




#11
Tert butyl alcohol
Concen: 122.022 ug/l
RT: 4.984 min Scan# 515
Delta R.T. 0.030 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

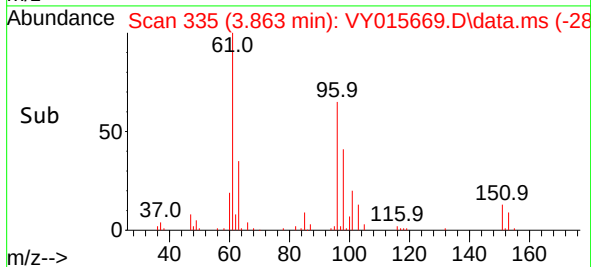
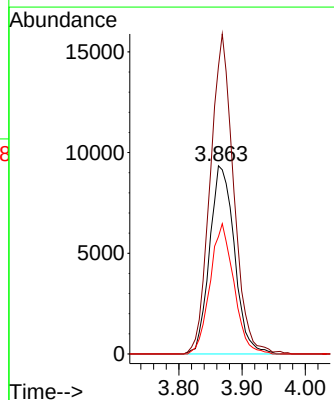
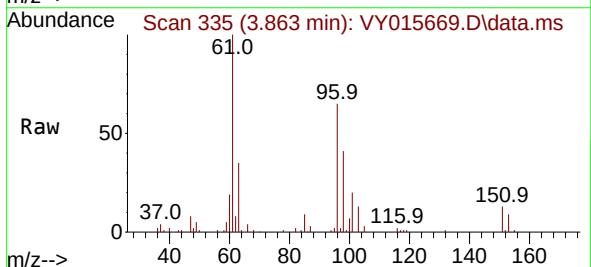
Instrument :
MSVOA_Y
ClientSampleId :

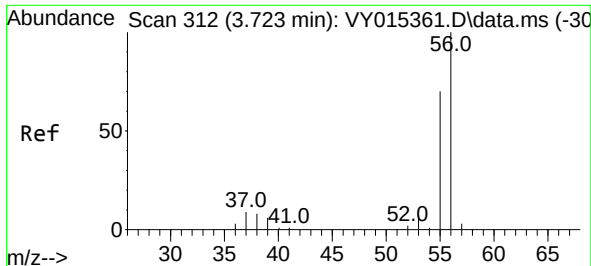
Tgt Ion: 59 Resp: 49390
Ion Ratio Lower Upper
59 100
57 7.4 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 19.042 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

Tgt Ion: 96 Resp: 25422
Ion Ratio Lower Upper
96 100
61 152.7 136.4 204.6
98 62.3 49.4 74.2





#13

Acrolein

Concen: 89.944 ug/l

RT: 3.735 min Scan# 31

Delta R.T. 0.012 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

Instrument :

MSVOA_Y

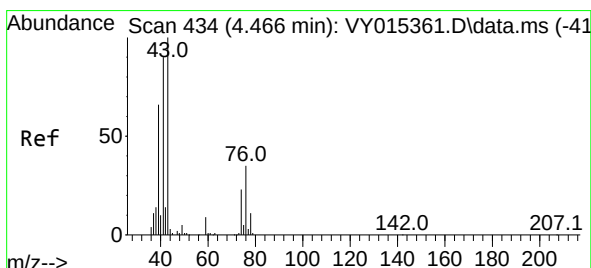
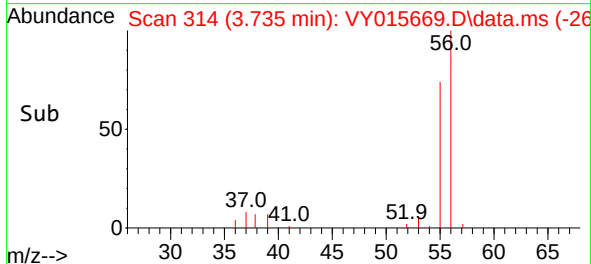
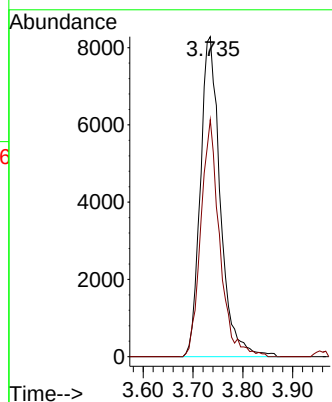
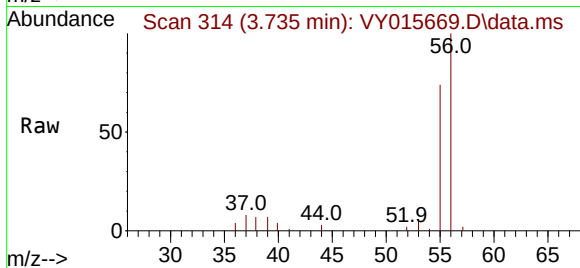
ClientSampleId :

Tgt Ion: 56 Resp: 22999

Ion Ratio Lower Upper

56 100

55 70.0 57.0 85.4



#14

Allyl chloride

Concen: 19.020 ug/l

RT: 4.478 min Scan# 436

Delta R.T. 0.006 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

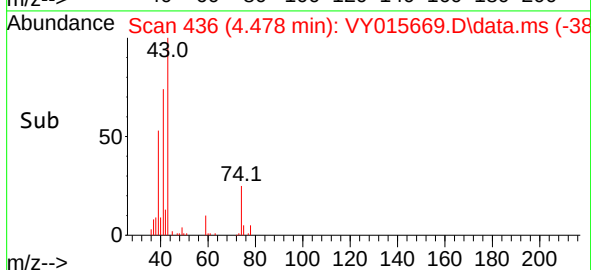
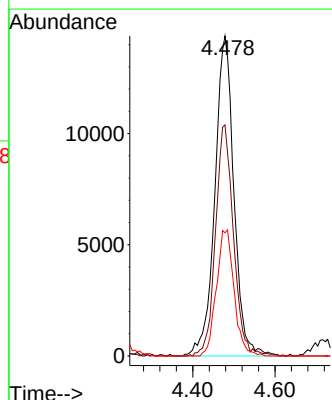
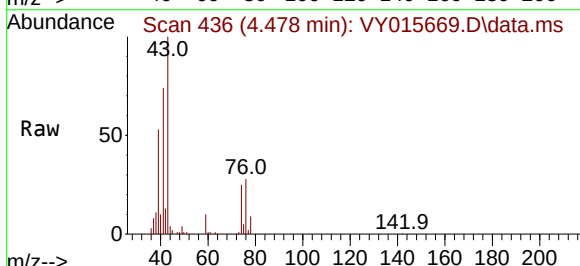
Tgt Ion: 41 Resp: 46426

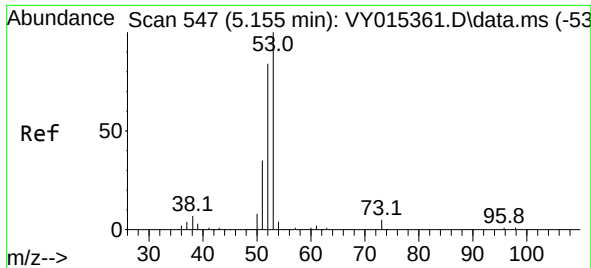
Ion Ratio Lower Upper

41 100

39 68.2 58.0 87.0

76 36.6 27.4 41.2

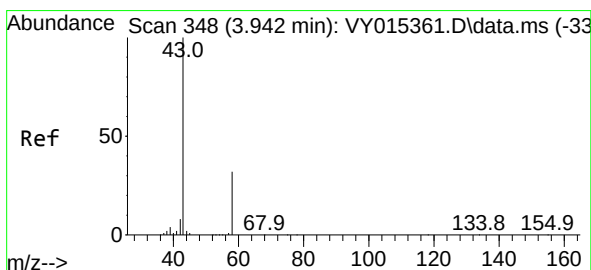
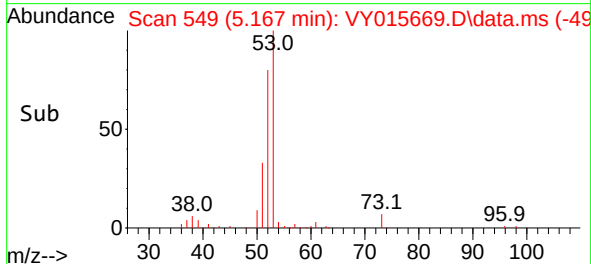
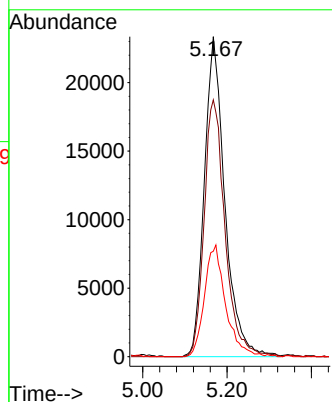
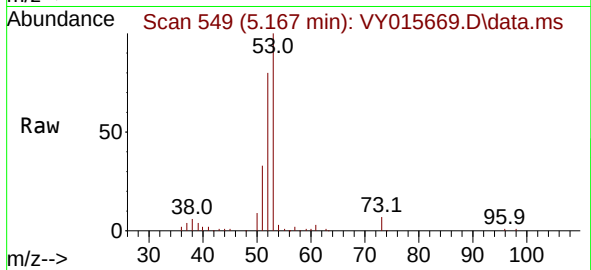




#15
Acrylonitrile
Concen: 104.181 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

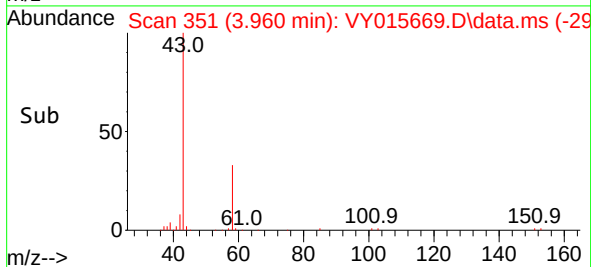
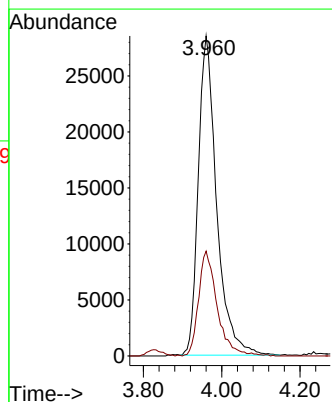
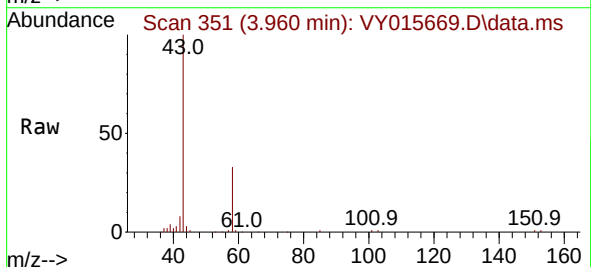
Instrument :
MSVOA_Y
ClientSampleId :

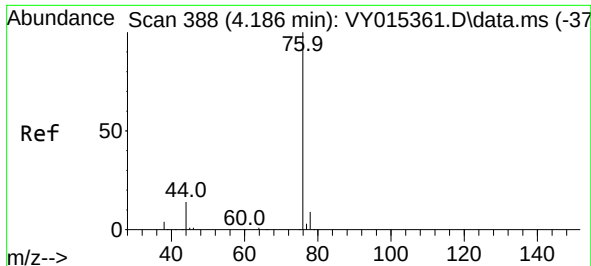
Tgt Ion: 53	Resp: 78861
Ion Ratio	Lower Upper
53 100	
52 82.0	66.9 100.3
51 36.1	29.8 44.6



#16
Acetone
Concen: 104.122 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

Tgt Ion: 43	Resp: 93035
Ion Ratio	Lower Upper
43 100	
58 32.8	22.7 34.1





#17

Carbon Disulfide

Concen: 17.675 ug/l

RT: 4.192 min Scan# 389

Delta R.T. 0.006 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

Instrument :

MSVOA_Y

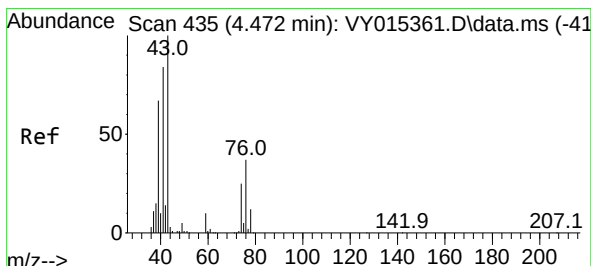
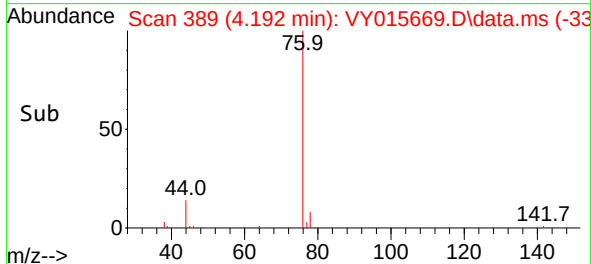
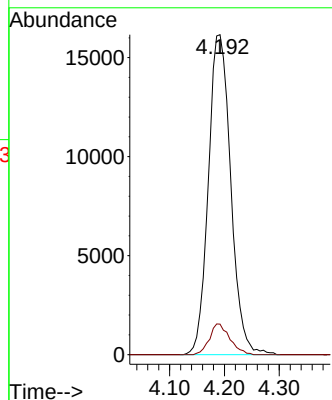
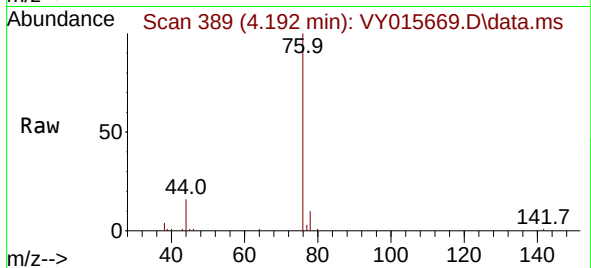
ClientSampleId :

Tgt Ion: 76 Resp: 45841

Ion Ratio Lower Upper

76 100

78 9.6 7.0 10.4



#18

Methyl Acetate

Concen: 21.168 ug/l

RT: 4.484 min Scan# 437

Delta R.T. 0.012 min

Lab File: VY015669.D

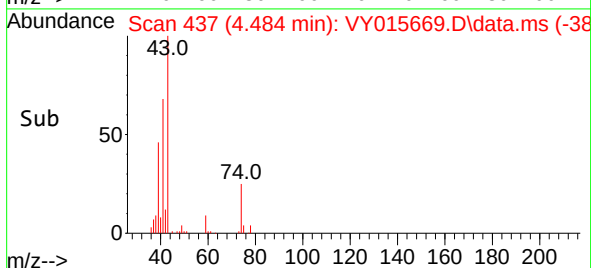
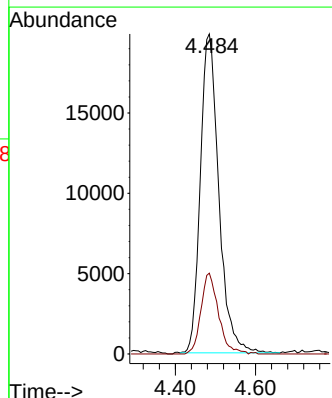
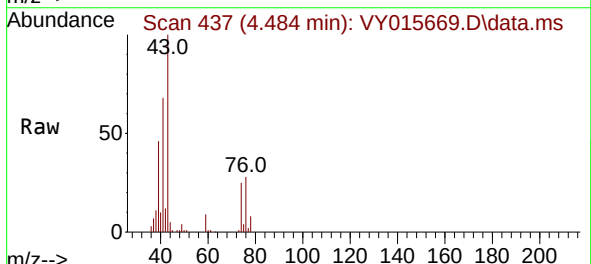
Acq: 21 Sep 2023 11:38

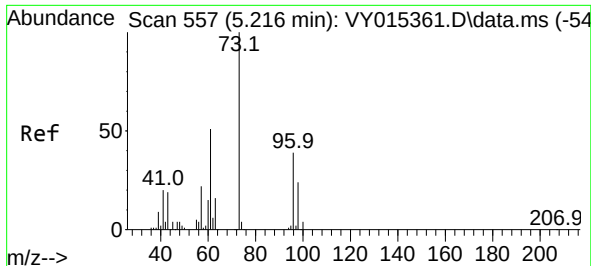
Tgt Ion: 43 Resp: 63459

Ion Ratio Lower Upper

43 100

74 24.0 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 19.864 ug/l

RT: 5.228 min Scan# 51

Delta R.T. 0.018 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

Instrument :

MSVOA_Y

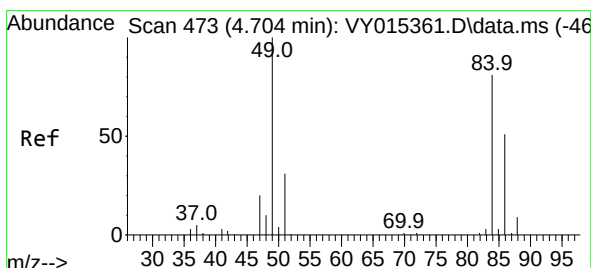
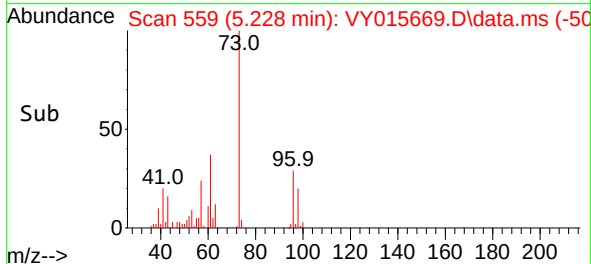
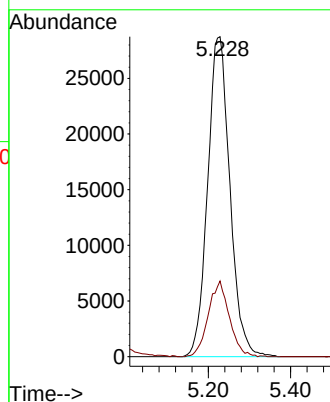
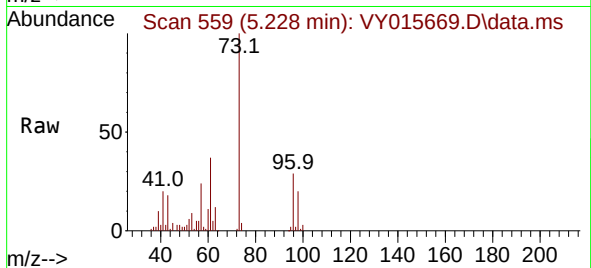
ClientSampleId :

Tgt Ion: 73 Resp: 108009

Ion Ratio Lower Upper

73 100

57 23.6 17.3 25.9



#20

Methylene Chloride

Concen: 21.672 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.012 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

Tgt Ion: 84 Resp: 47773

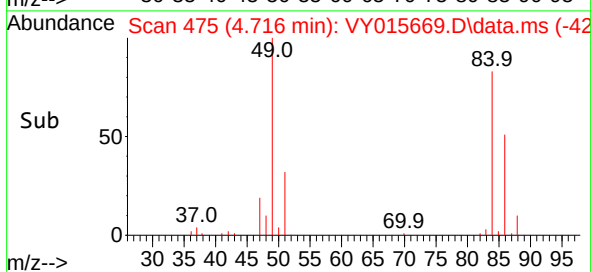
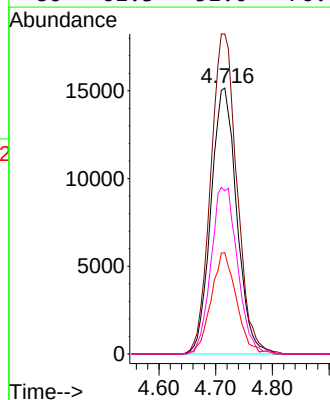
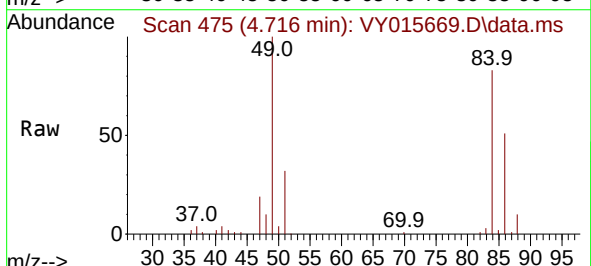
Ion Ratio Lower Upper

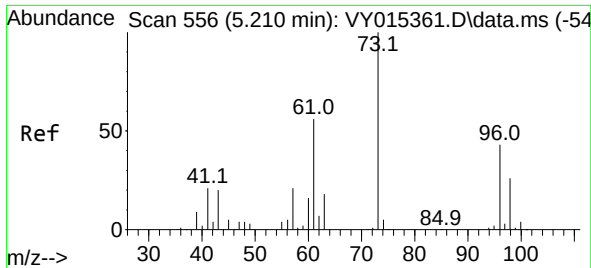
84 100

49 120.3 106.9 160.3

51 38.1 33.2 49.8

86 61.3 51.0 76.6

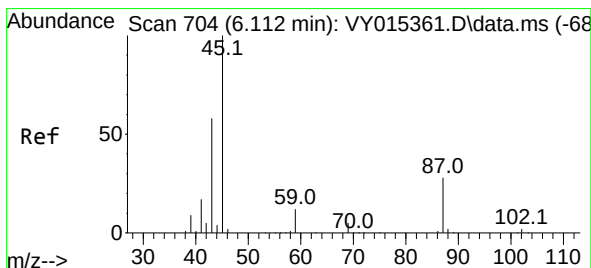
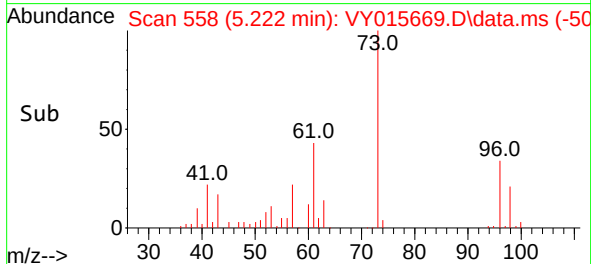
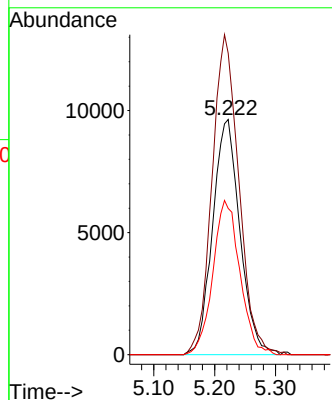
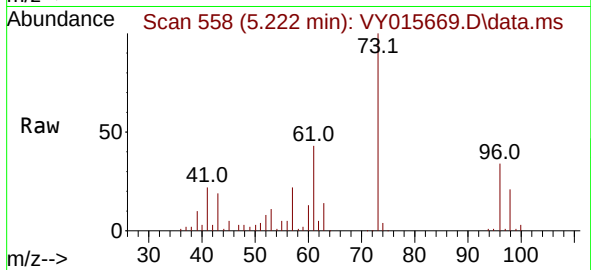




#21
trans-1,2-Dichloroethene
Concen: 19.648 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

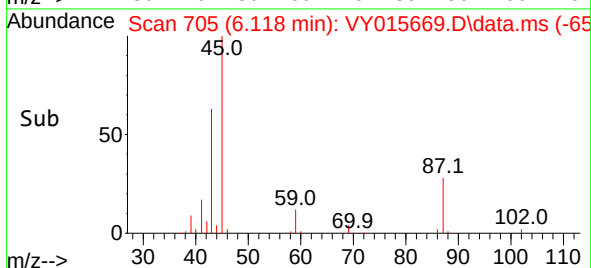
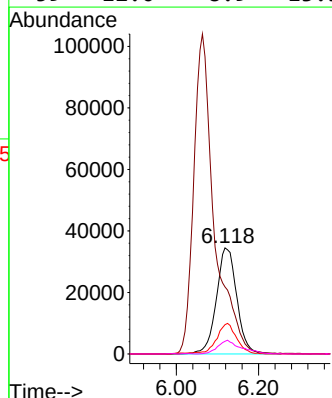
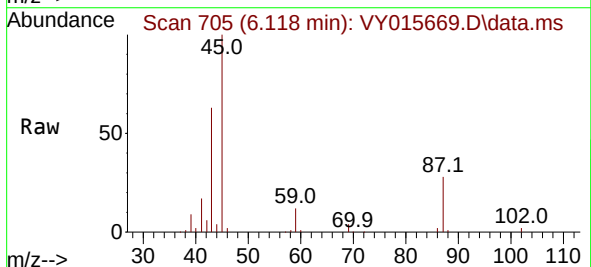
Instrument :
MSVOA_Y
ClientSampleId :

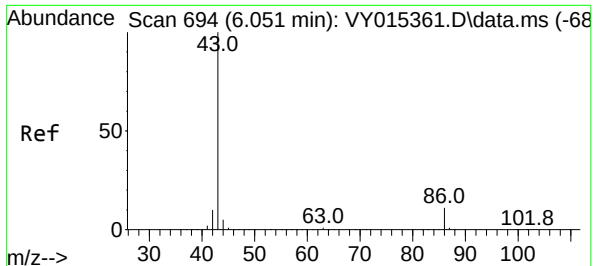
Tgt Ion: 96 Resp: 29981
Ion Ratio Lower Upper
96 100
61 128.2 110.2 165.4
98 62.2 51.8 77.6



#22
Diisopropyl ether
Concen: 20.212 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

Tgt Ion: 45 Resp: 118730
Ion Ratio Lower Upper
45 100
43 62.3 52.2 78.4
87 27.6 21.0 31.6
59 12.0 8.9 13.3

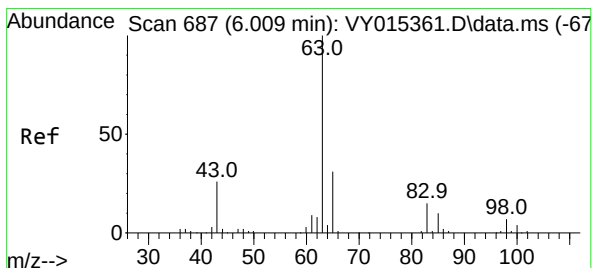
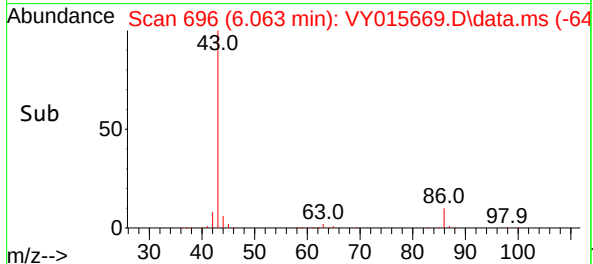
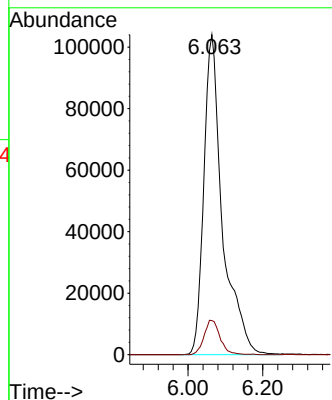
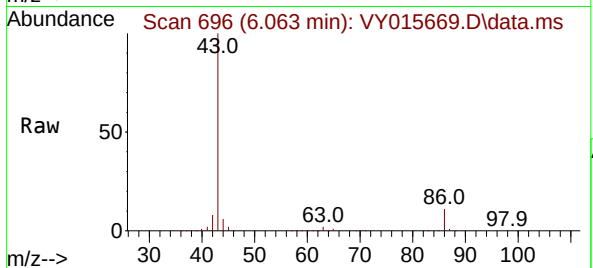




#23
 Vinyl Acetate
 Concen: 99.249 ug/l
 RT: 6.063 min Scan# 696
 Delta R.T. 0.012 min
 Lab File: VY015669.D
 Acq: 21 Sep 2023 11:38

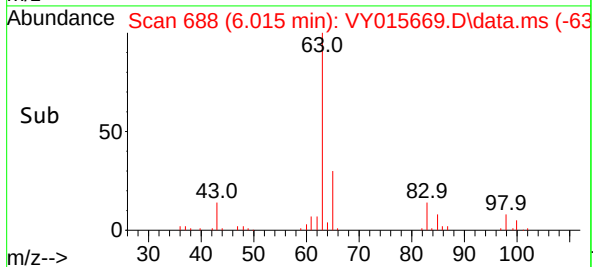
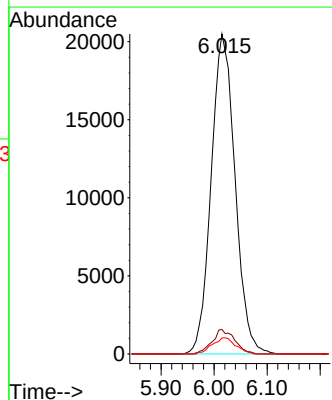
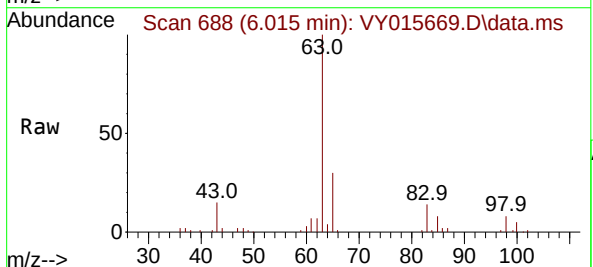
Instrument :
 MSVOA_Y
 ClientSampleId :

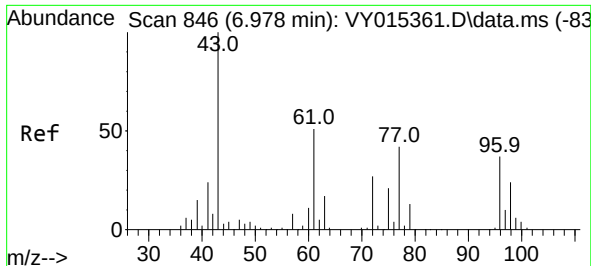
Tgt Ion: 43 Resp: 359856
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 20.032 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.012 min
 Lab File: VY015669.D
 Acq: 21 Sep 2023 11:38

Tgt Ion: 63 Resp: 64139
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.1 9.4
 100 5.0 1.8 5.5





#25

2-Butanone

Concen: 105.004 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

Instrument :

MSVOA_Y

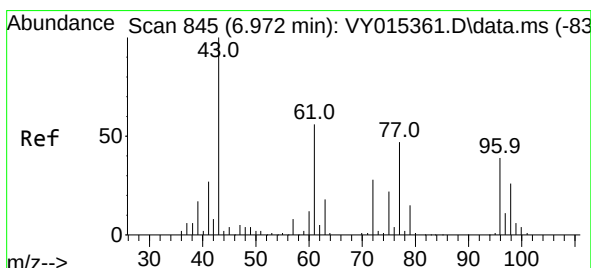
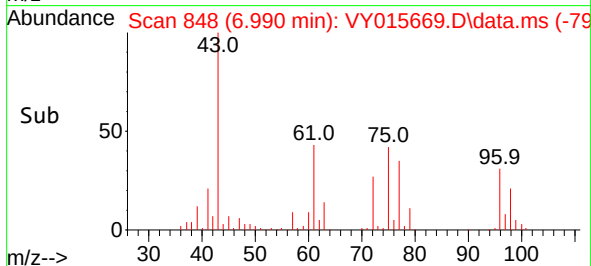
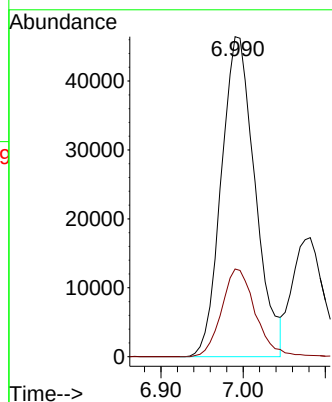
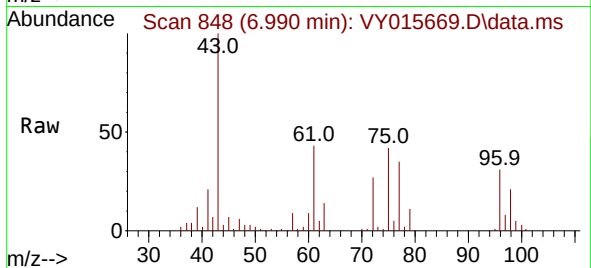
ClientSampleId :

Tgt Ion: 43 Resp: 132615

Ion Ratio Lower Upper

43 100

72 27.4 20.5 30.7



#26

2,2-Dichloropropane

Concen: 18.759 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY015669.D

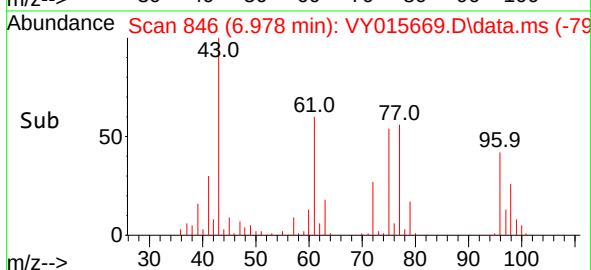
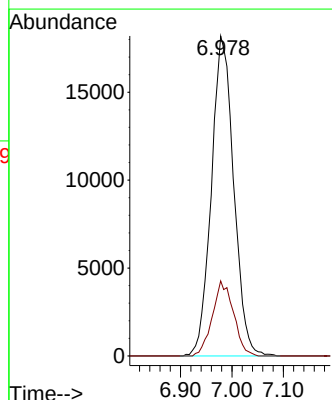
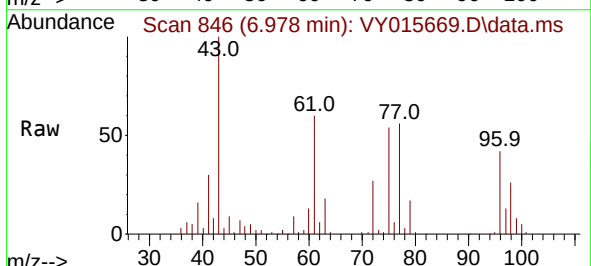
Acq: 21 Sep 2023 11:38

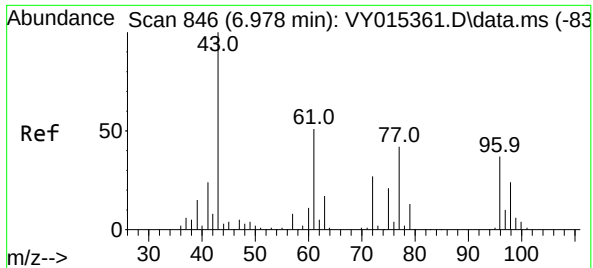
Tgt Ion: 77 Resp: 54897

Ion Ratio Lower Upper

77 100

97 22.2 10.9 32.9



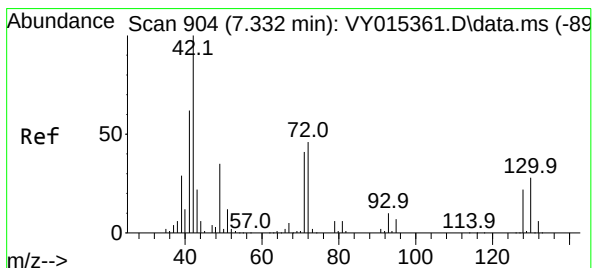
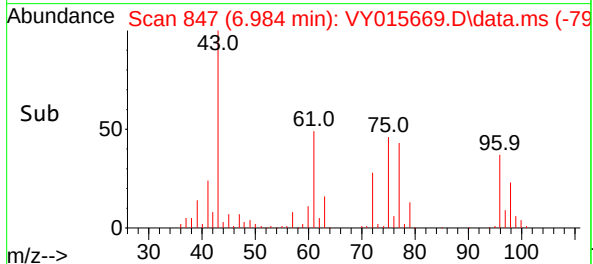
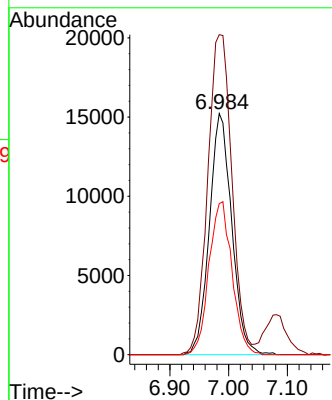
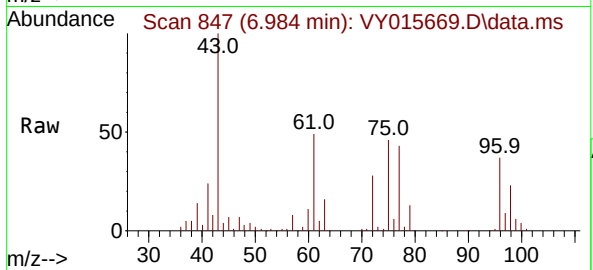


#27
 cis-1,2-Dichloroethene
 Concen: 19.875 ug/l
 RT: 6.984 min Scan# 846
 Delta R.T. 0.006 min
 Lab File: VY015669.D
 Acq: 21 Sep 2023 11:38

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 96 Resp: 40262

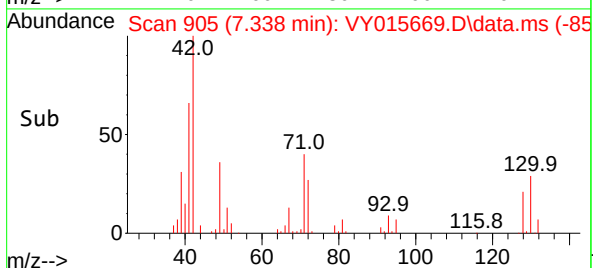
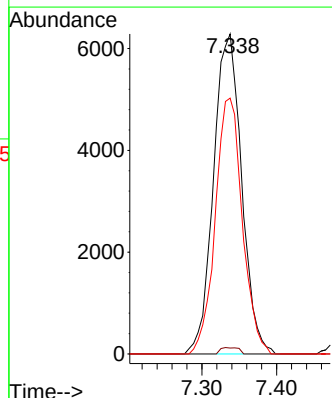
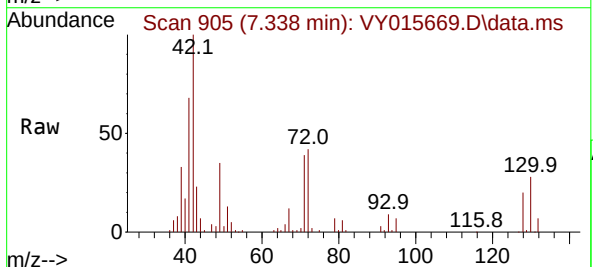
Ion	Ratio	Lower	Upper
96	100		
61	143.1	0.0	301.4
98	65.4	0.0	130.4

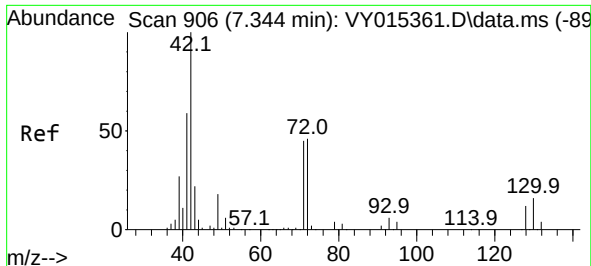


#28
 Bromochloromethane
 Concen: 18.925 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.012 min
 Lab File: VY015669.D
 Acq: 21 Sep 2023 11:38

Tgt Ion: 49 Resp: 16440

Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	4.6
130	76.9	60.7	91.1





#29

Tetrahydrofuran

Concen: 104.514 ug/l

RT: 7.356 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

Instrument :

MSVOA_Y

ClientSampleId :

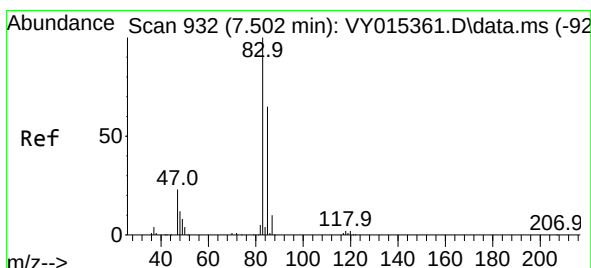
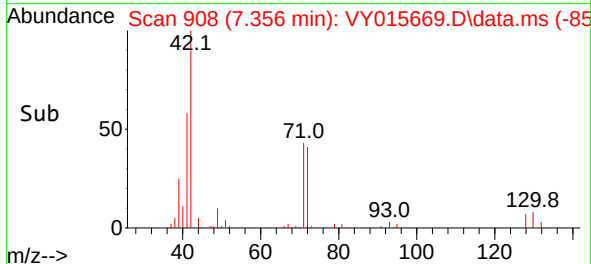
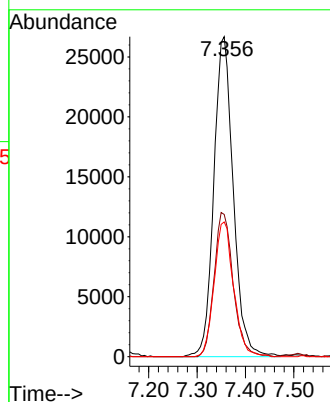
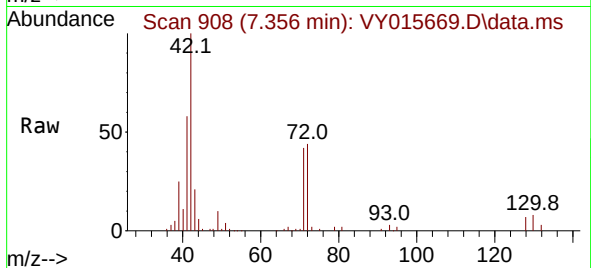
Tgt Ion: 42 Resp: 74606

Ion Ratio Lower Upper

42 100

72 44.2 32.8 49.2

71 42.1 31.0 46.4



#30

Chloroform

Concen: 19.925 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.012 min

Lab File: VY015669.D

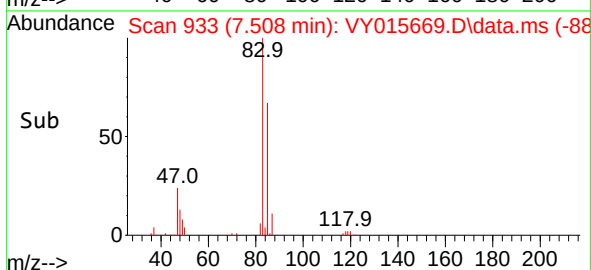
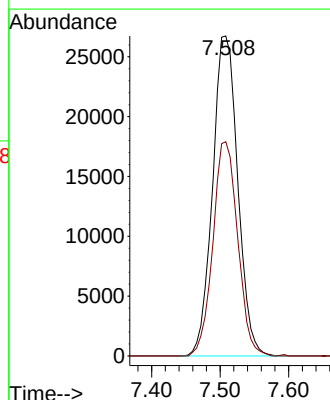
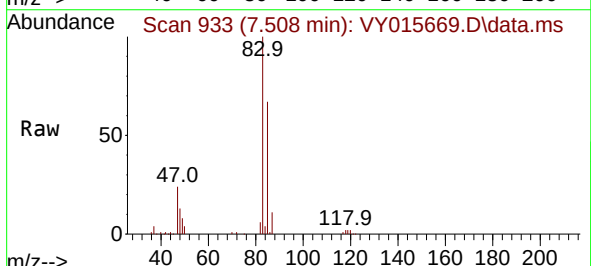
Acq: 21 Sep 2023 11:38

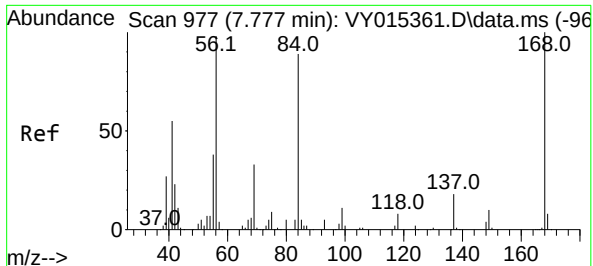
Tgt Ion: 83 Resp: 68321

Ion Ratio Lower Upper

83 100

85 67.0 49.7 74.5





#31

Cyclohexane

Concen: 19.761 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

Instrument :

MSVOA_Y

ClientSampleId :

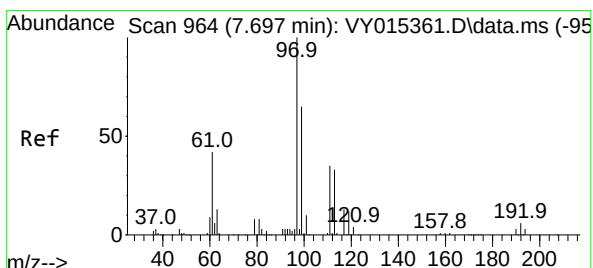
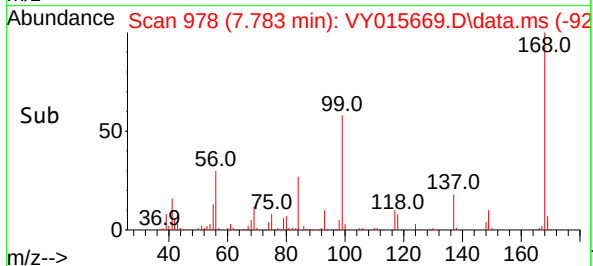
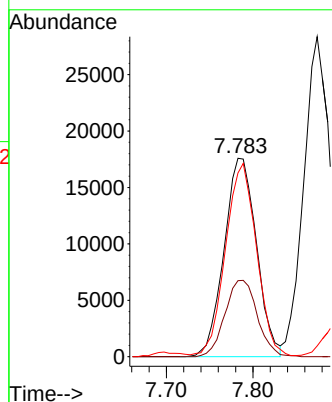
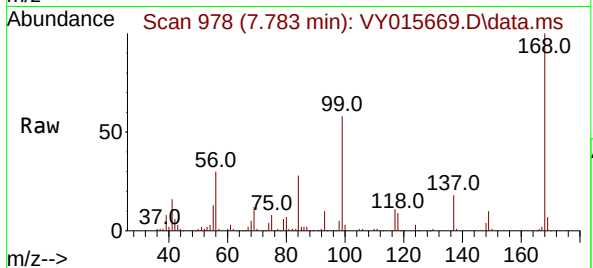
Tgt Ion: 56 Resp: 45706

Ion Ratio Lower Upper

56 100

69 38.3 27.8 41.6

84 90.9 66.4 99.6



#32

1,1,1-Trichloroethane

Concen: 20.452 ug/l

RT: 7.703 min Scan# 965

Delta R.T. 0.012 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

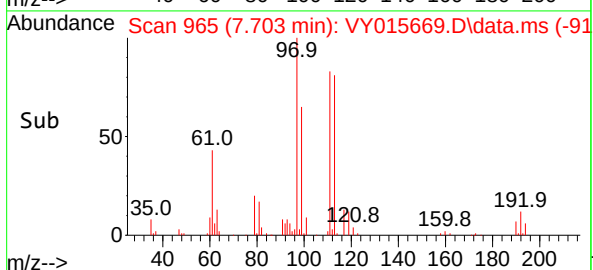
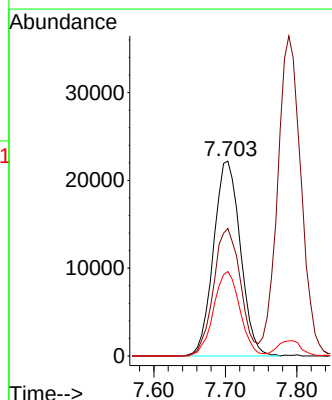
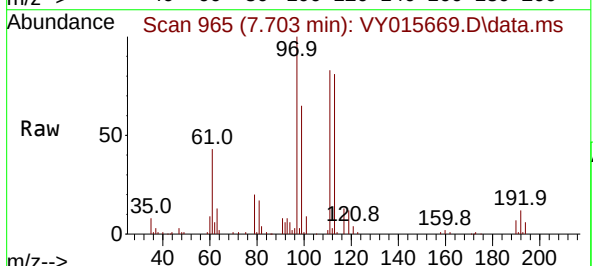
Tgt Ion: 97 Resp: 57893

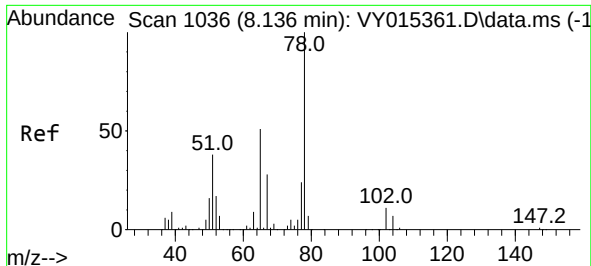
Ion Ratio Lower Upper

97 100

99 66.1 50.8 76.2

61 42.5 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 43.269 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

Instrument :

MSVOA_Y

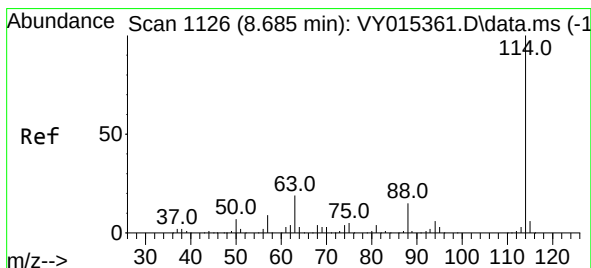
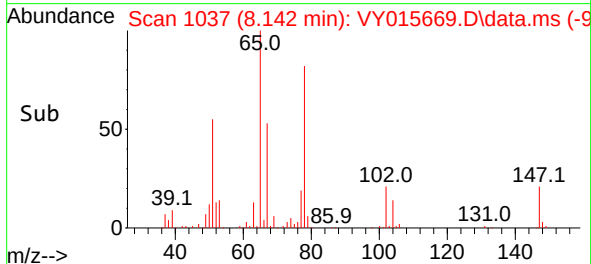
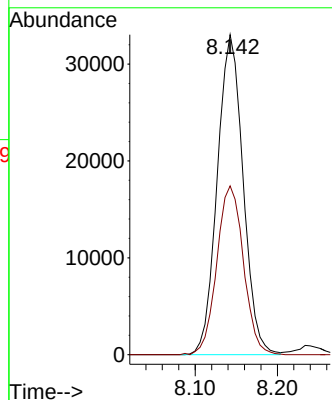
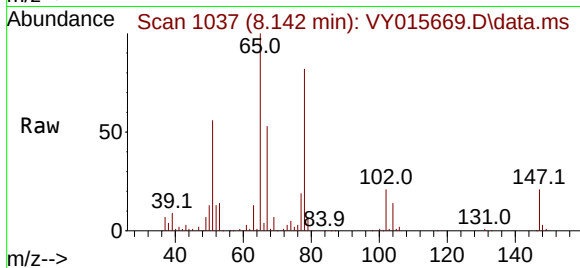
ClientSampleId :

Tgt Ion: 65 Resp: 72244

Ion Ratio Lower Upper

65 100

67 54.4 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: VY015669.D

Acq: 21 Sep 2023 11:38

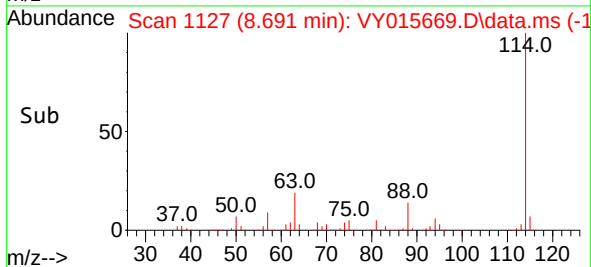
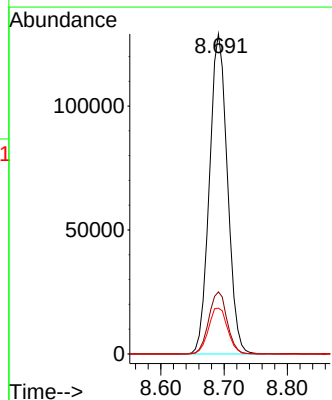
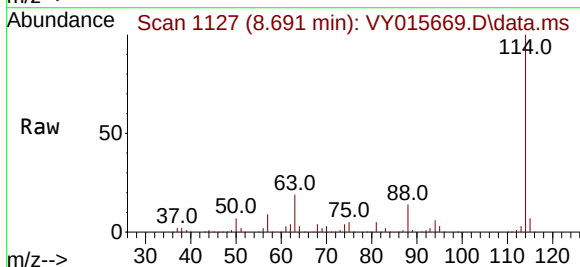
Tgt Ion: 114 Resp: 254657

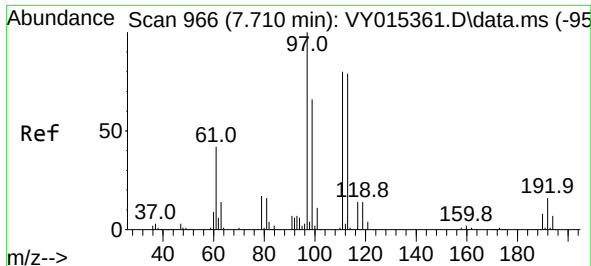
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 14.3 0.0 30.6

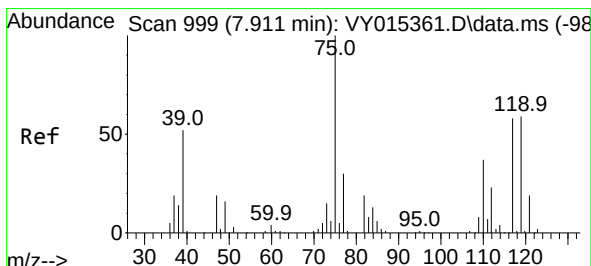
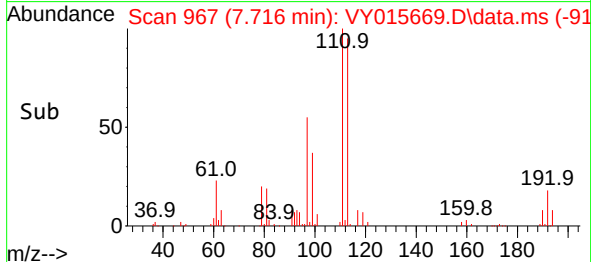
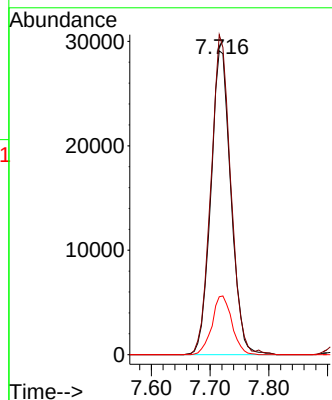
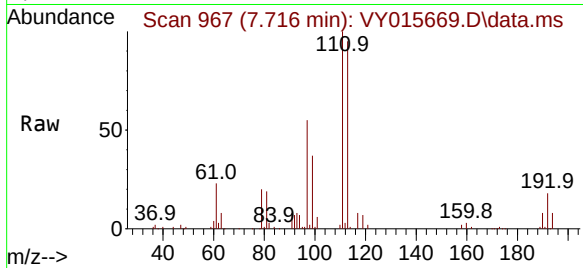




#35
Dibromofluoromethane
Concen: 45.361 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

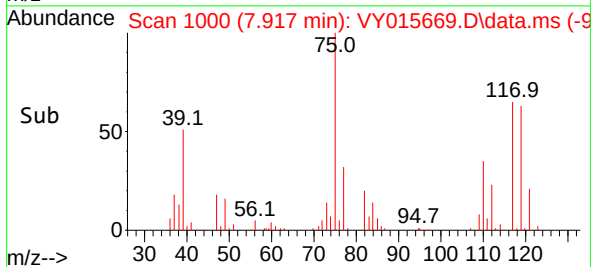
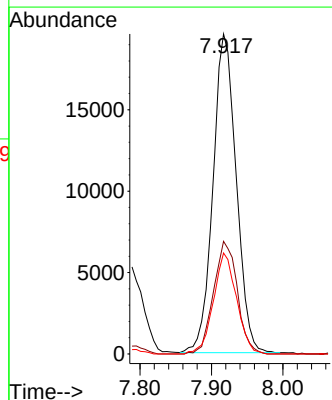
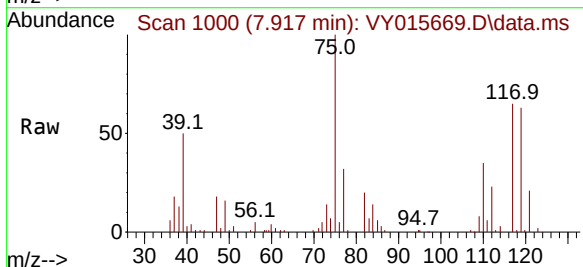
Instrument :
MSVOA_Y
ClientSampleId :

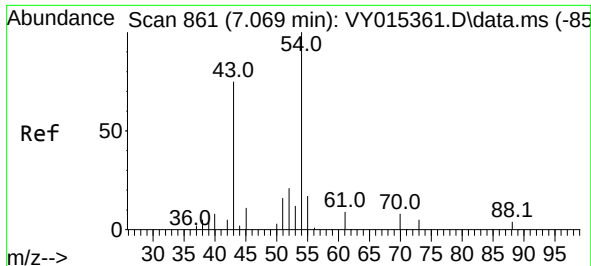
Tgt Ion:113 Resp: 69139
Ion Ratio Lower Upper
113 100
111 103.9 81.3 121.9
192 19.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 19.617 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

Tgt Ion: 75 Resp: 44210
Ion Ratio Lower Upper
75 100
110 36.1 17.8 53.5
77 31.5 24.4 36.6





#37

Ethyl Acetate

Concen: 21.075 ug/l

RT: 7.082 min Scan# 861

Delta R.T. 0.019 min

Lab File: VY015669.D

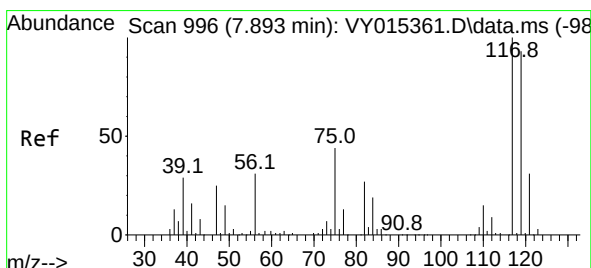
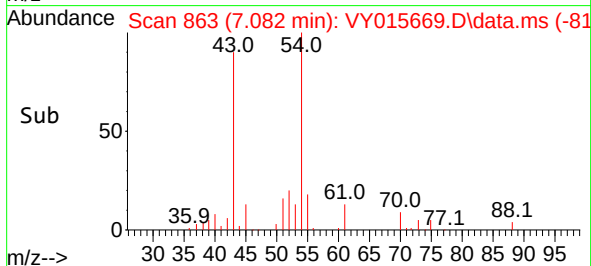
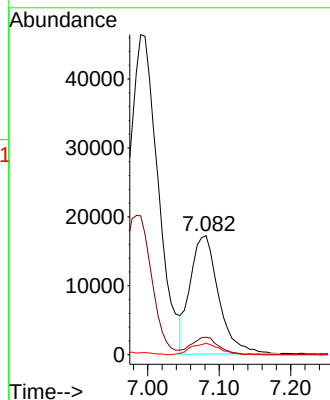
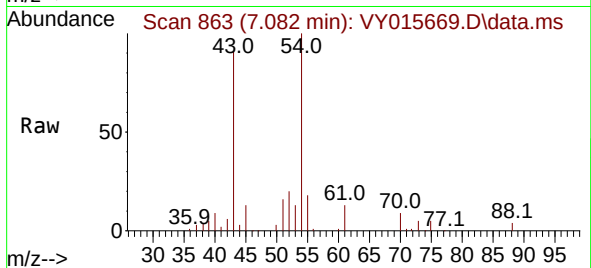
Acq: 21 Sep 2023 11:38

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp:	47376
Ion	Ratio	Lower Upper
43	100	
61	14.0	10.1 15.1
70	9.7	7.1 10.7



#38

Carbon Tetrachloride

Concen: 20.157 ug/l

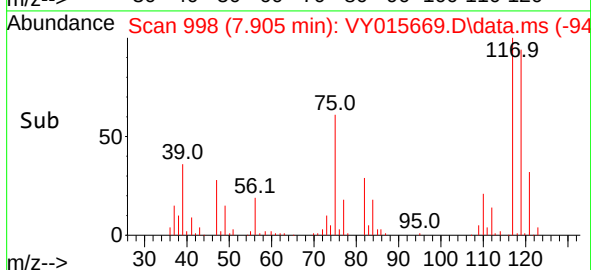
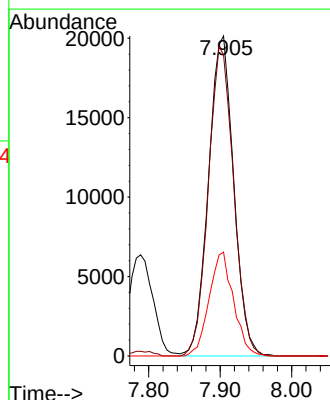
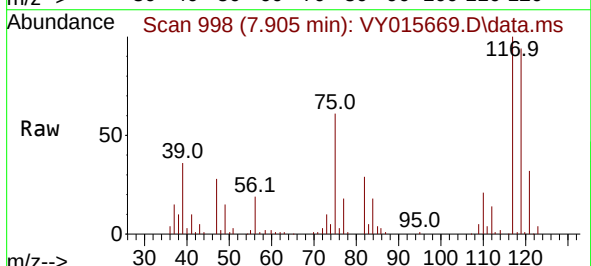
RT: 7.905 min Scan# 998

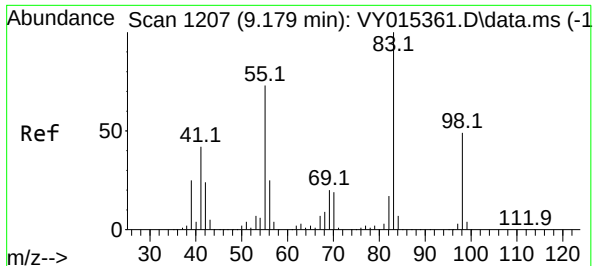
Delta R.T. 0.012 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

Tgt Ion: 117	Resp:	49309
Ion	Ratio	Lower Upper
117	100	
119	94.1	76.4 114.6
121	32.4	25.8 38.6





#39

Methylcyclohexane

Concen: 19.405 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

Instrument :

MSVOA_Y

ClientSampleId :

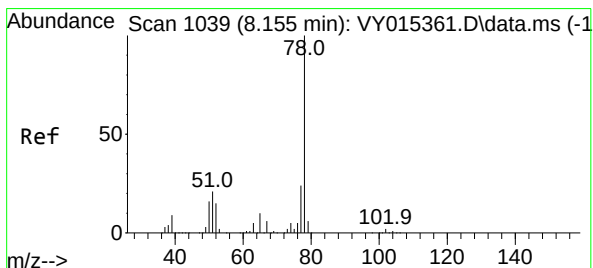
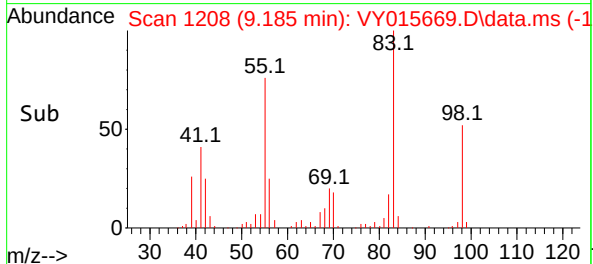
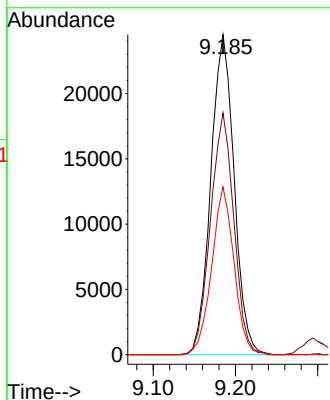
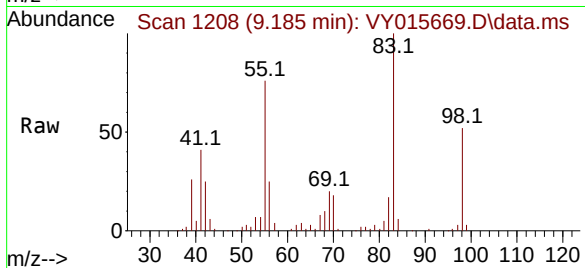
Tgt Ion: 83 Resp: 48370

Ion Ratio Lower Upper

83 100

55 75.6 63.0 94.4

98 52.4 37.4 56.2



#40

Benzene

Concen: 20.193 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.012 min

Lab File: VY015669.D

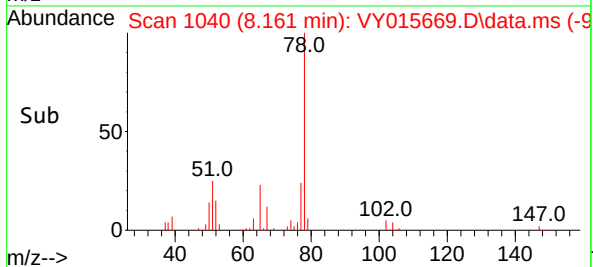
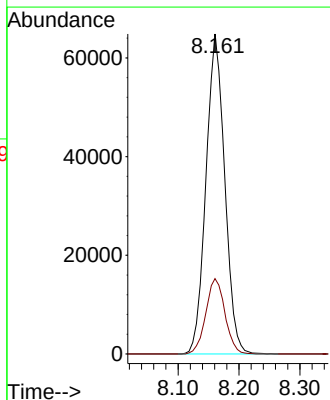
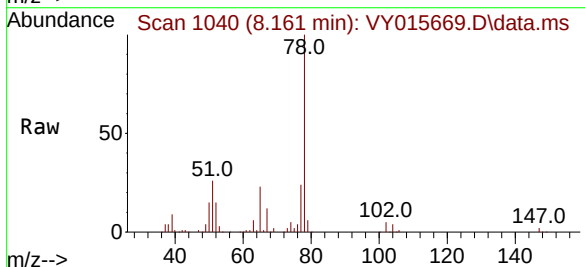
Acq: 21 Sep 2023 11:38

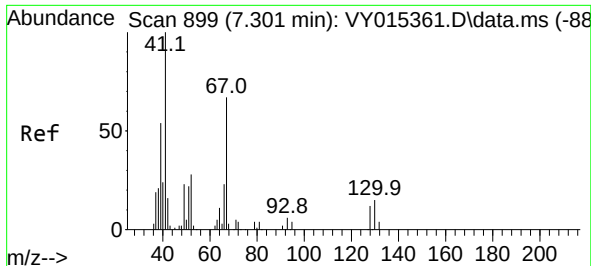
Tgt Ion: 78 Resp: 138777

Ion Ratio Lower Upper

78 100

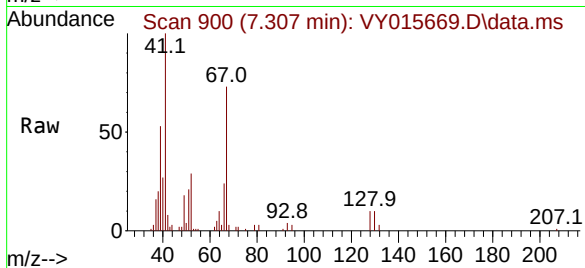
77 23.6 19.0 28.6



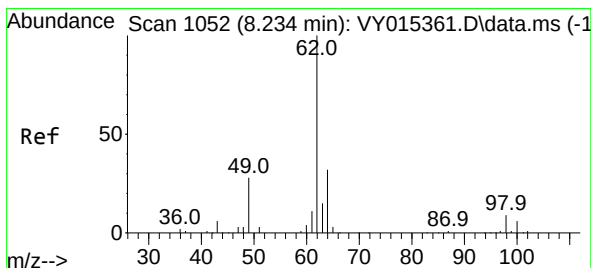
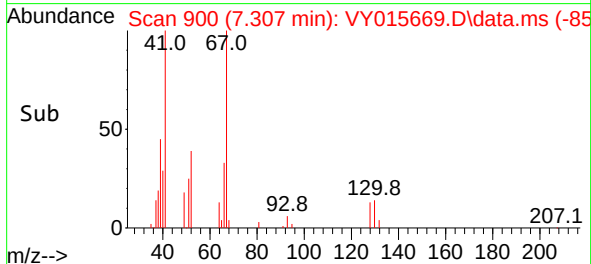
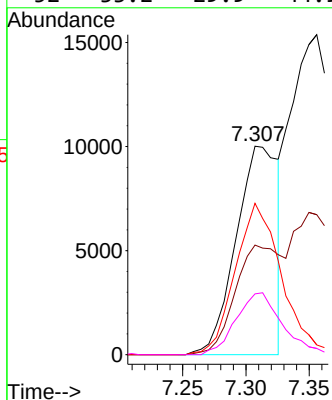


#41
Methacrylonitrile
Concen: 19.110 ug/l
RT: 7.307 min Scan# 900
Delta R.T. -0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

Instrument :
MSVOA_Y
ClientSampleId :

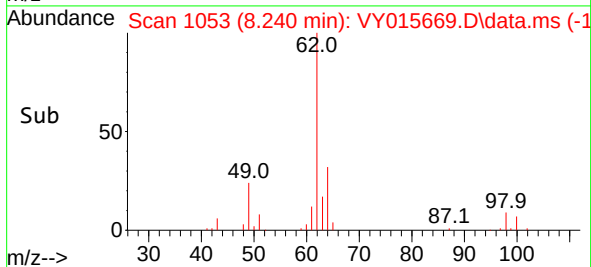
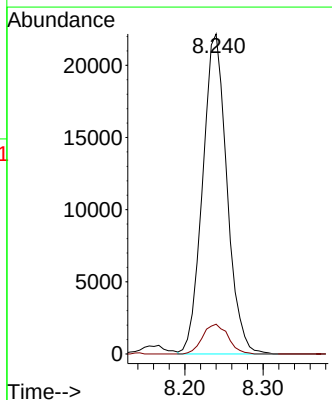
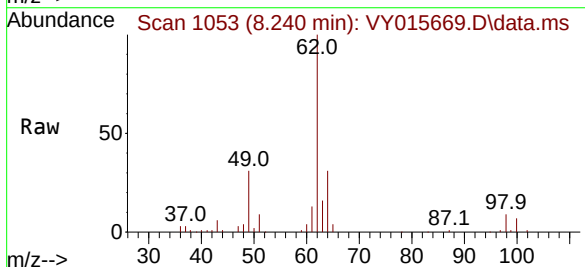


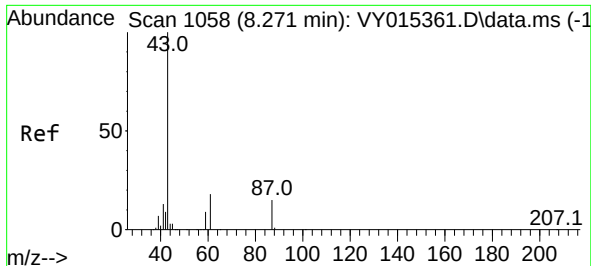
Tgt Ion:	41	Resp:	23130
Ion	Ratio	Lower	Upper
41	100		
39	60.6	52.1	78.1
67	80.6	66.2	99.2
52	33.2	29.9	44.9



#42
1,2-Dichloroethane
Concen: 20.302 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

Tgt Ion:	62	Resp:	47787
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	15.8





#43

Isopropyl Acetate

Concen: 20.501 ug/l

RT: 8.276 min Scan# 1105

Delta R.T. 0.012 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

Instrument :

MSVOA_Y

ClientSampleId :

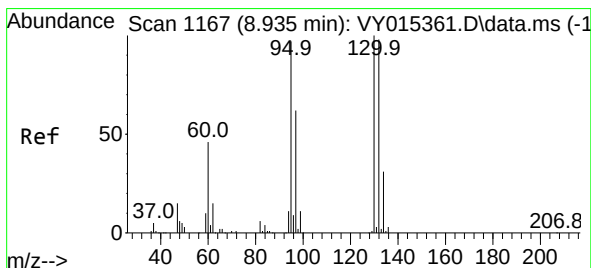
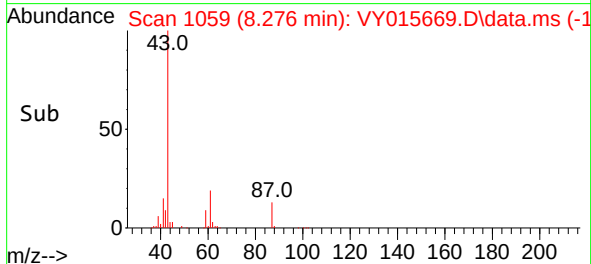
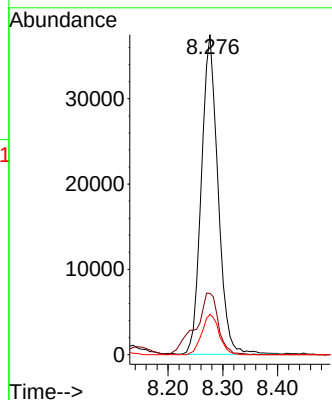
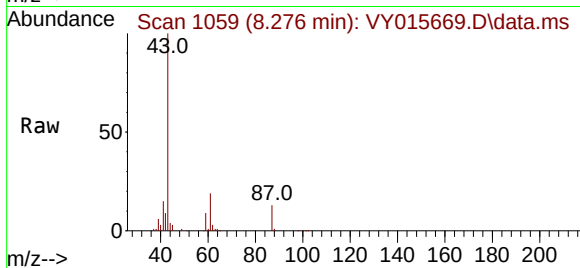
Tgt Ion: 43 Resp: 78721

Ion Ratio Lower Upper

43 100

61 26.4 21.1 31.7

87 13.1 9.8 14.8



#44

Trichloroethene

Concen: 20.510 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.006 min

Lab File: VY015669.D

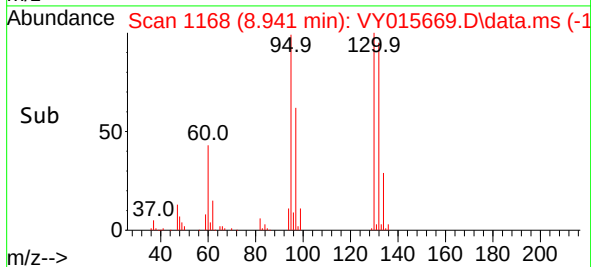
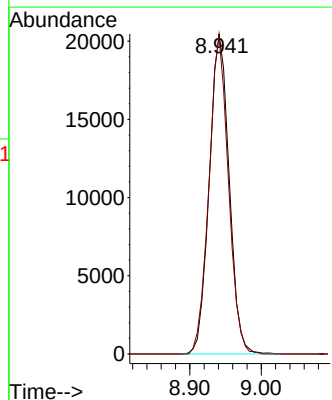
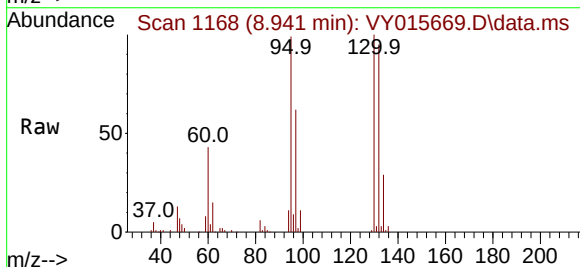
Acq: 21 Sep 2023 11:38

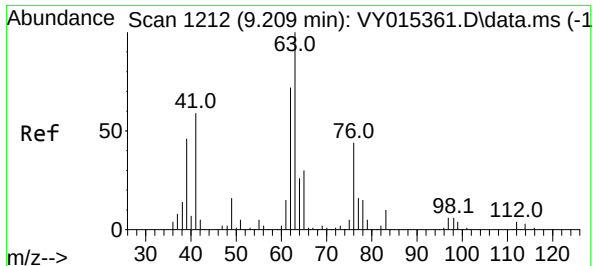
Tgt Ion:130 Resp: 39370

Ion Ratio Lower Upper

130 100

95 98.9 0.0 196.0





#45

1,2-Dichloropropane

Concen: 20.240 ug/l

RT: 9.215 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

Instrument :

MSVOA_Y

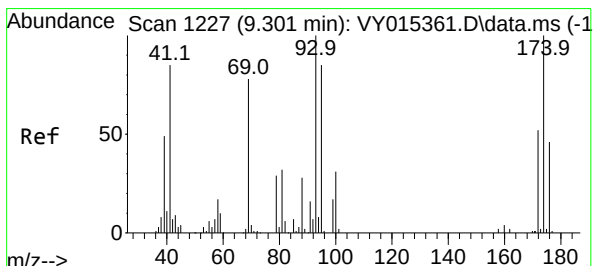
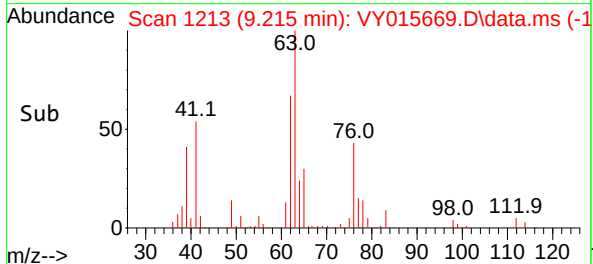
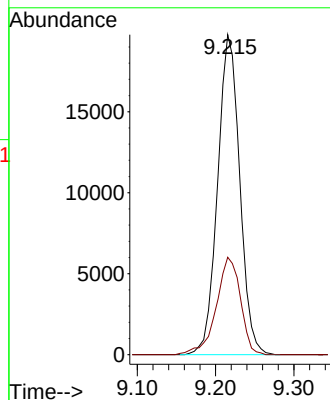
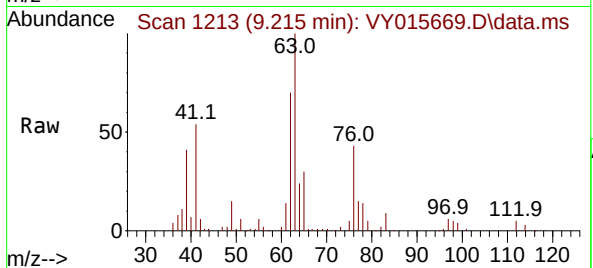
ClientSampleId :

Tgt Ion: 63 Resp: 38792

Ion Ratio Lower Upper

63 100

65 30.5 23.8 35.6



#46

Dibromomethane

Concen: 20.452 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.012 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

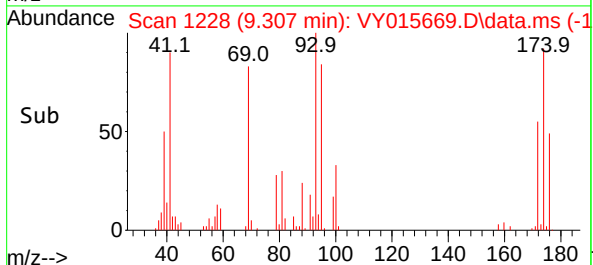
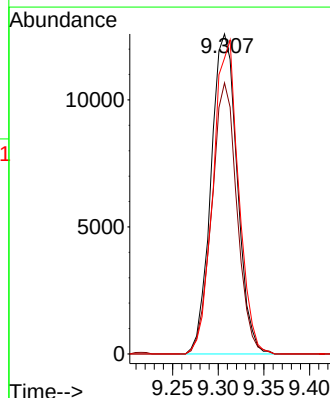
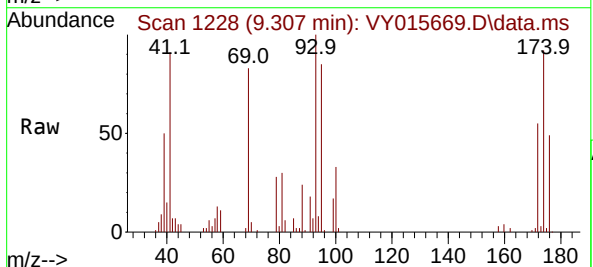
Tgt Ion: 93 Resp: 25074

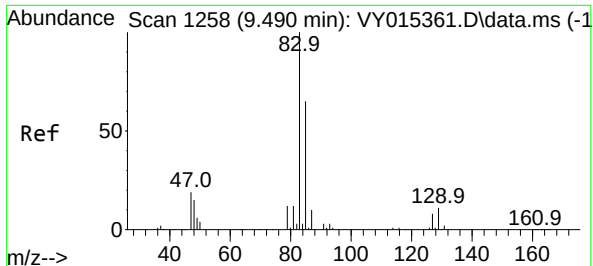
Ion Ratio Lower Upper

93 100

95 81.5 66.6 100.0

174 95.4 84.8 127.2





#47

Bromodichloromethane

Concen: 20.273 ug/l

RT: 9.496 min Scan# 1258

Delta R.T. 0.006 min

Lab File: VY015669.D

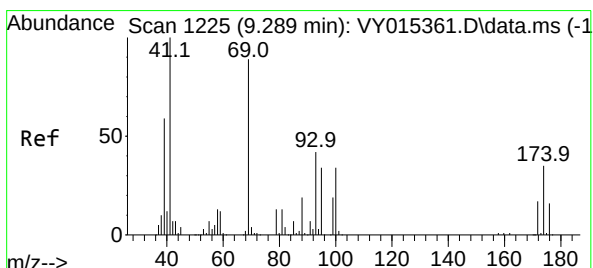
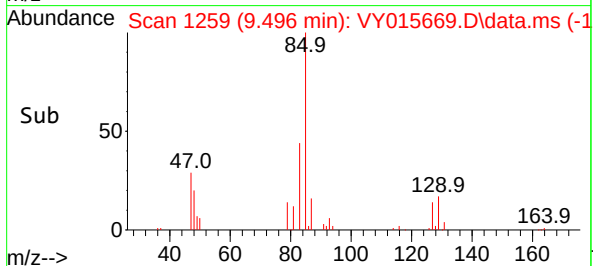
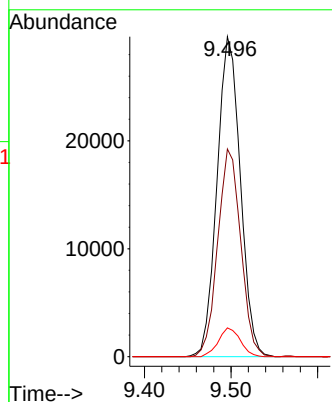
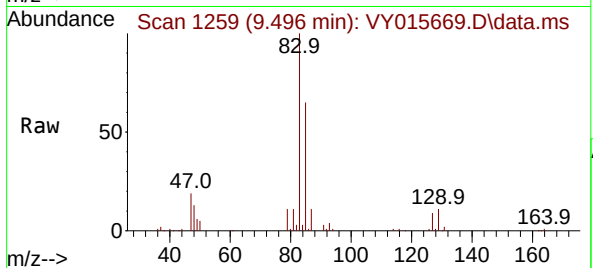
Acq: 21 Sep 2023 11:38

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 83	Resp: 55400
Ion Ratio	Lower Upper
83	100
85	64.9 50.1 75.1
127	9.0 7.1 10.7



#48

Methyl methacrylate

Concen: 20.209 ug/l

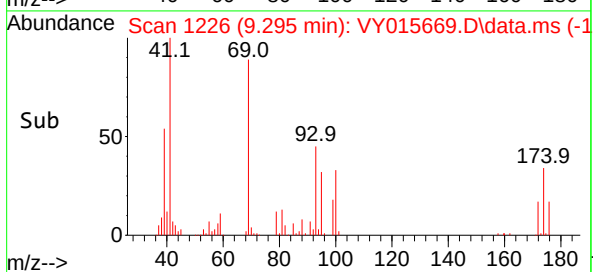
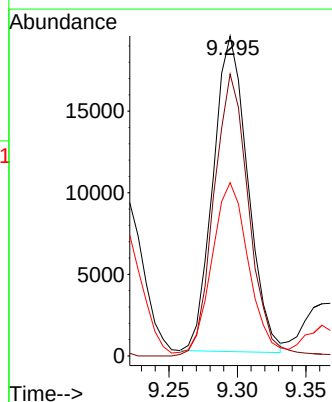
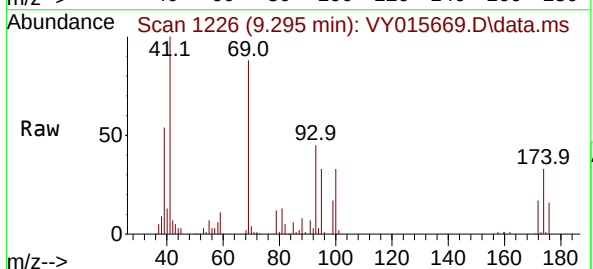
RT: 9.295 min Scan# 1226

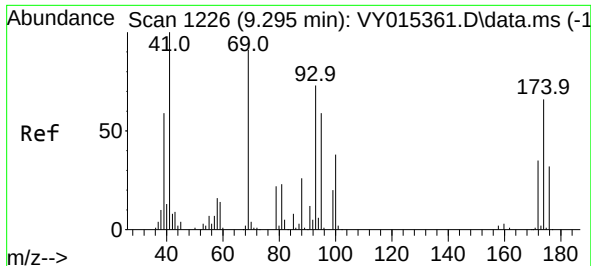
Delta R.T. 0.006 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

Tgt Ion: 41	Resp: 34062
Ion Ratio	Lower Upper
41	100
69	90.1 64.5 96.7
39	58.6 50.8 76.2





#49

1,4-Dioxane

Concen: 452.018 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.024 min

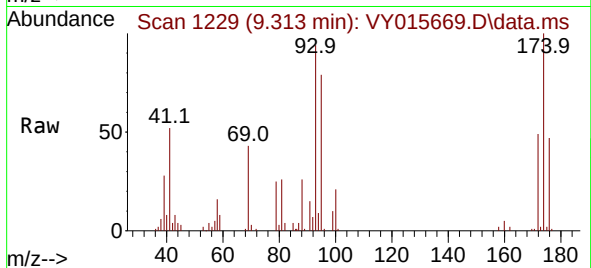
Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

Instrument :

MSVOA_Y

ClientSampleId :



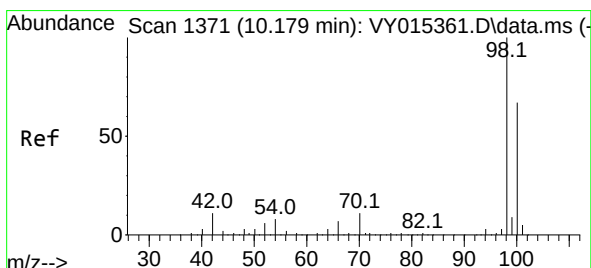
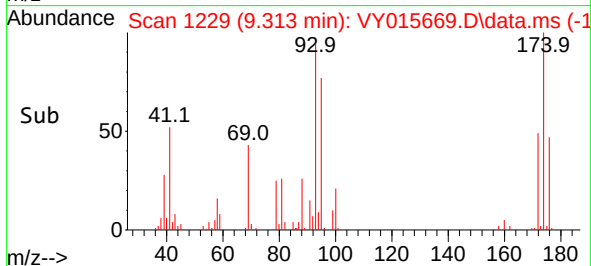
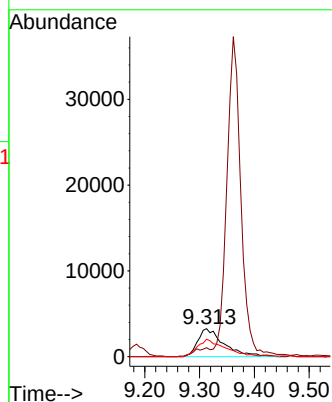
Tgt Ion: 88 Resp: 10948

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 64.5 30.9 46.3



#50

Toluene-d8

Concen: 43.024 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY015669.D

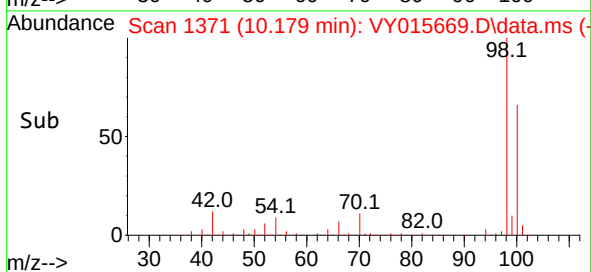
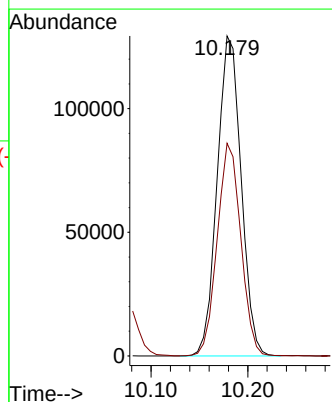
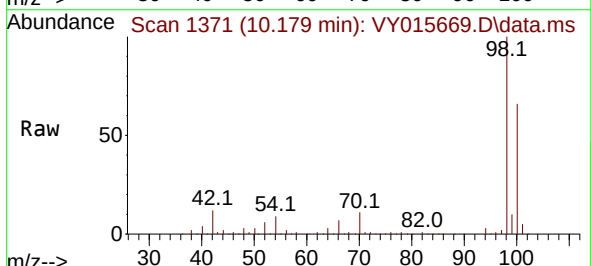
Acq: 21 Sep 2023 11:38

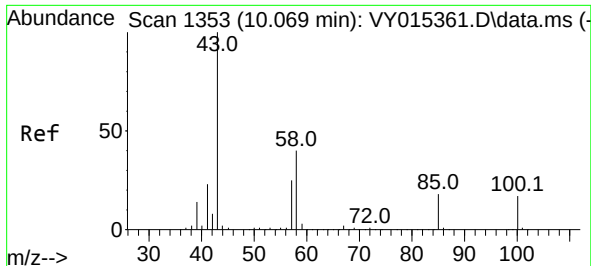
Tgt Ion: 98 Resp: 222349

Ion Ratio Lower Upper

98 100

100 65.6 50.1 75.1

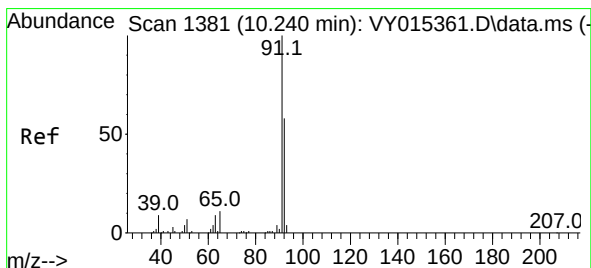
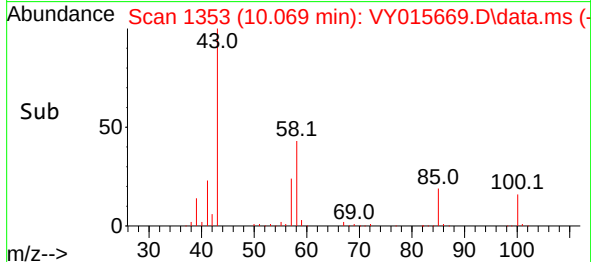
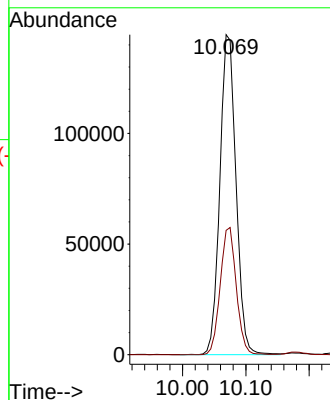
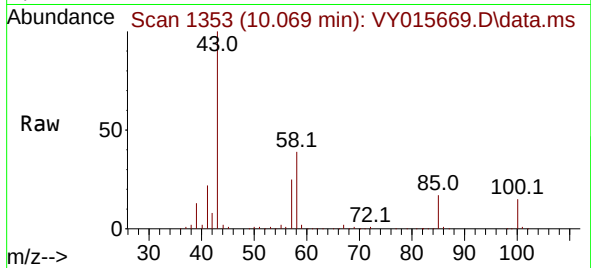




#51
4-Methyl-2-Pentanone
Concen: 107.331 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

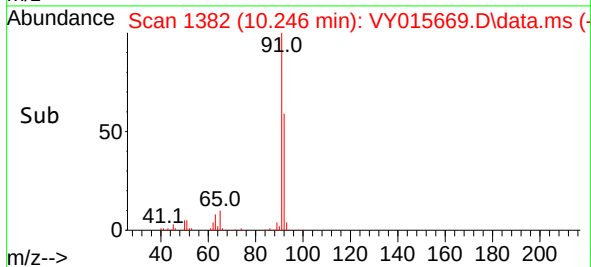
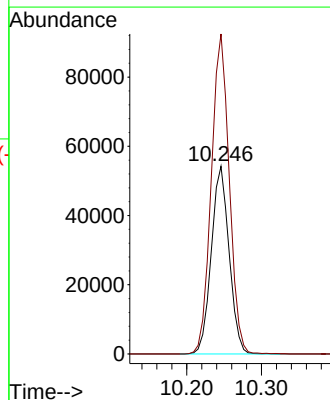
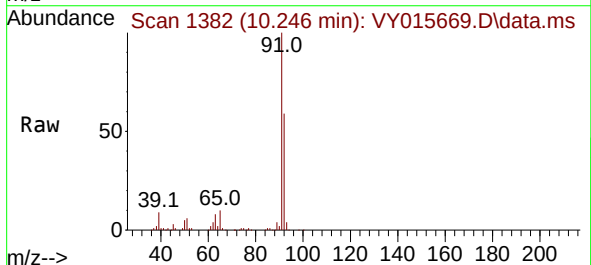
Instrument :
MSVOA_Y
ClientSampleId :

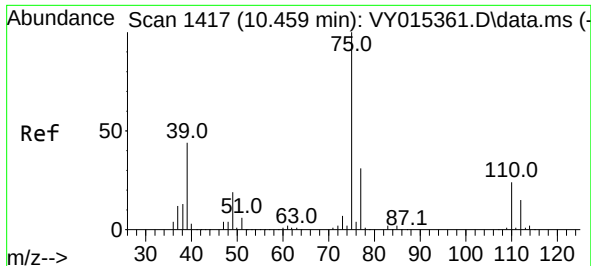
Tgt Ion: 43 Resp: 255452
Ion Ratio Lower Upper
43 100
58 39.5 29.0 43.6



#52
Toluene
Concen: 20.258 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

Tgt Ion: 92 Resp: 89760
Ion Ratio Lower Upper
92 100
91 172.3 143.8 215.6





#53

t-1,3-Dichloropropene

Concen: 19.653 ug/l

RT: 10.465 min Scan# 1417

Delta R.T. 0.006 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

Instrument :

MSVOA_Y

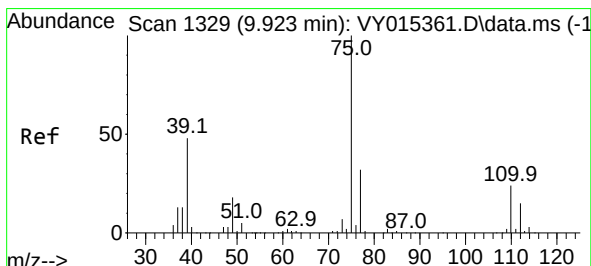
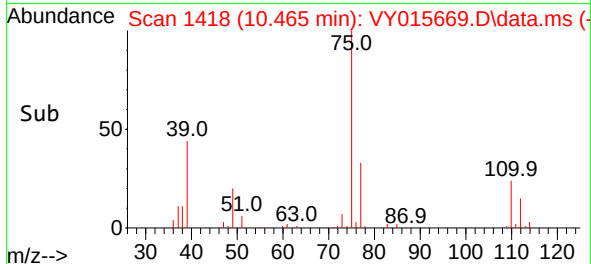
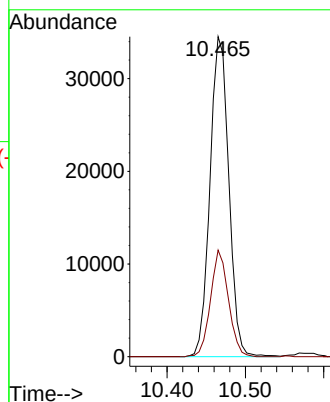
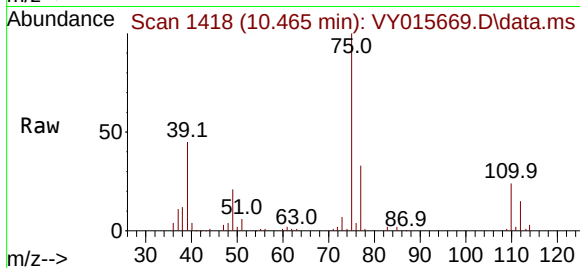
ClientSampleId :

Tgt Ion: 75 Resp: 57591

Ion Ratio Lower Upper

75 100

77 33.3 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 19.887 ug/l

RT: 9.929 min Scan# 1330

Delta R.T. 0.006 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

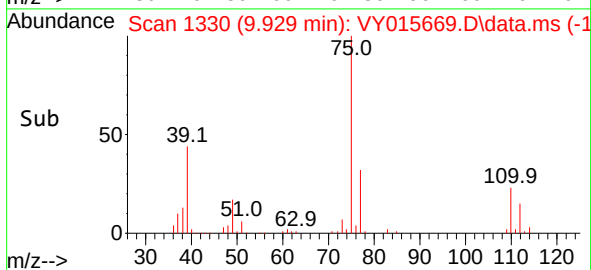
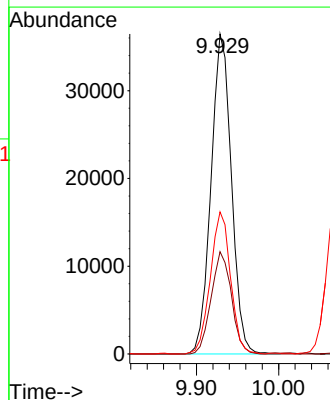
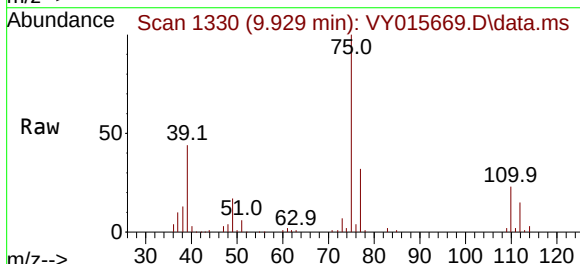
Tgt Ion: 75 Resp: 62731

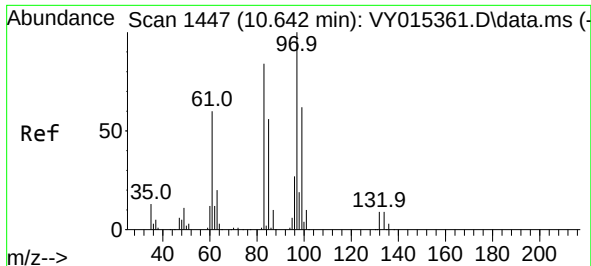
Ion Ratio Lower Upper

75 100

77 31.9 24.2 36.4

39 44.4 42.2 63.4

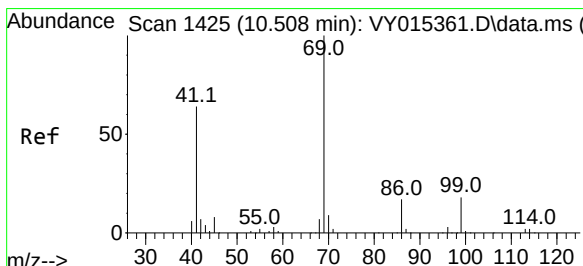
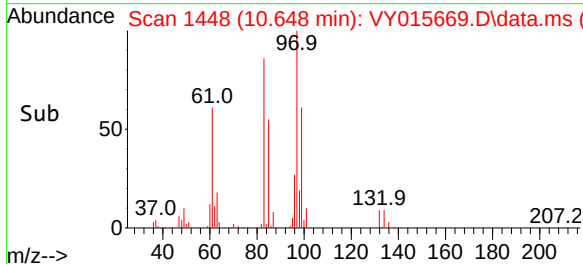
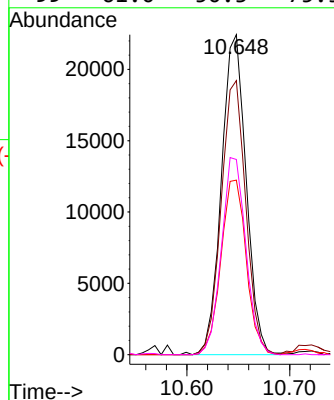
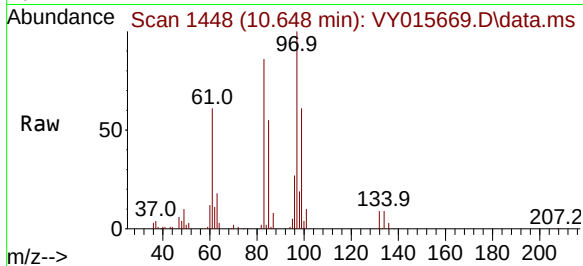




#55
1,1,2-Trichloroethane
Concen: 20.839 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

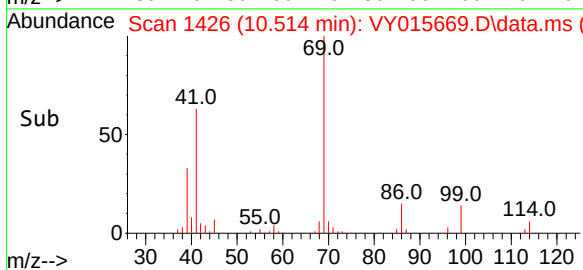
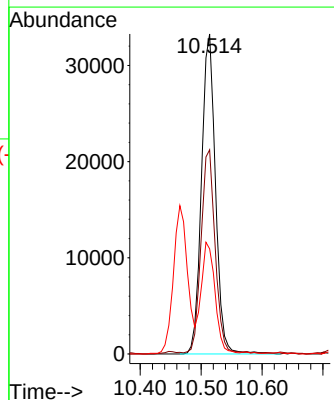
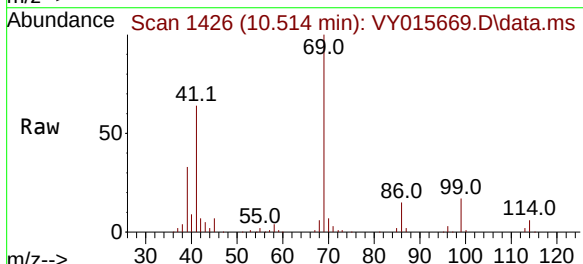
Instrument :
MSVOA_Y
ClientSampleId :

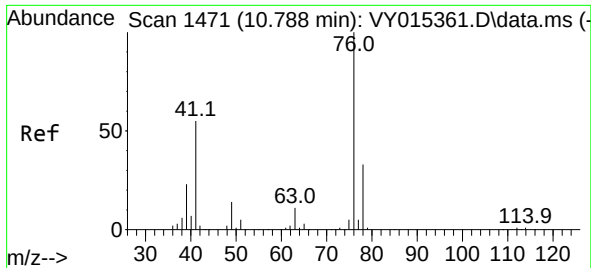
Tgt Ion: 97	Resp: 37441
Ion Ratio	Lower Upper
97 100	
83 85.7	72.0 108.0
85 54.5	45.4 68.0
99 61.0	50.3 75.5



#56
Ethyl methacrylate
Concen: 20.078 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

Tgt Ion: 69	Resp: 53160
Ion Ratio	Lower Upper
69 100	
41 63.7	57.6 86.4
39 34.1	34.1 51.1

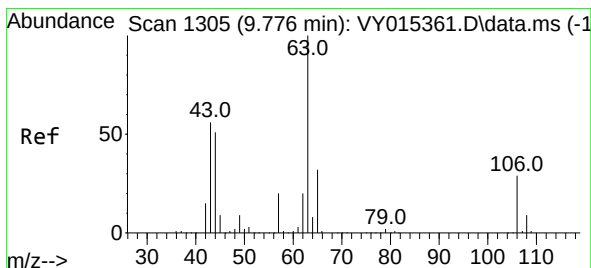
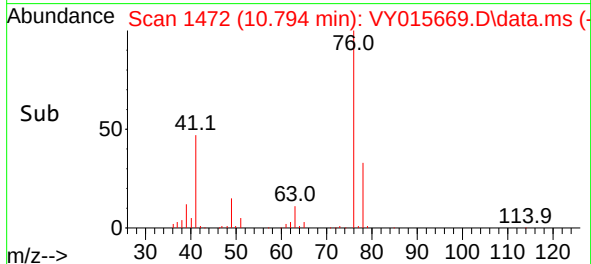
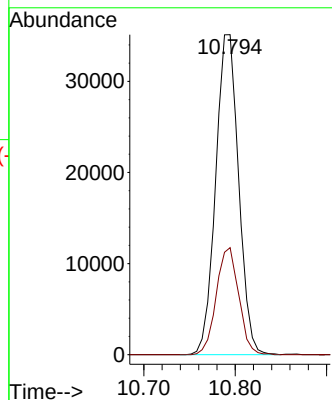
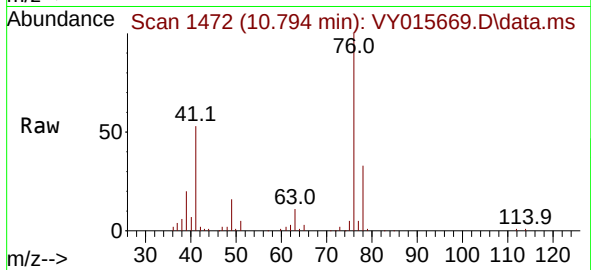




#57
1,3-Dichloropropane
Concen: 20.371 ug/l
RT: 10.794 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

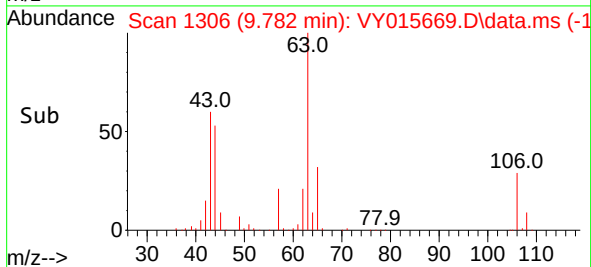
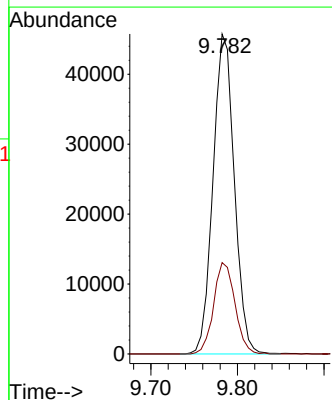
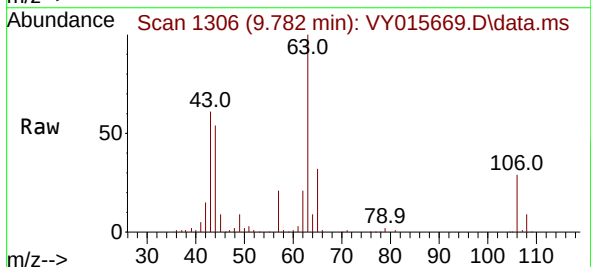
Instrument :
MSVOA_Y
ClientSampleId :

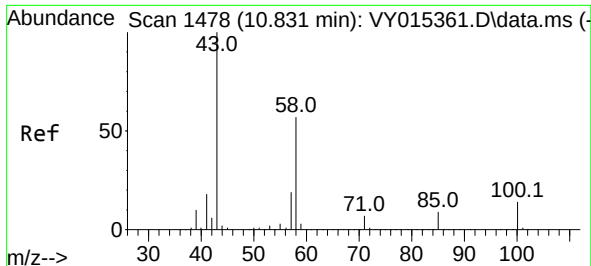
Tgt Ion: 76 Resp: 61375
Ion Ratio Lower Upper
76 100
78 32.7 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 92.871 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

Tgt Ion: 63 Resp: 78107
Ion Ratio Lower Upper
63 100
106 28.6 21.2 31.8

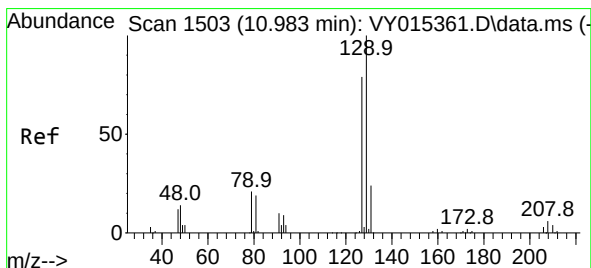
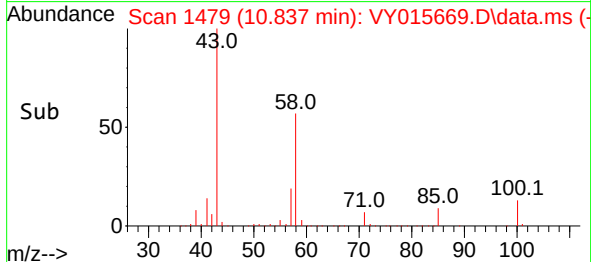
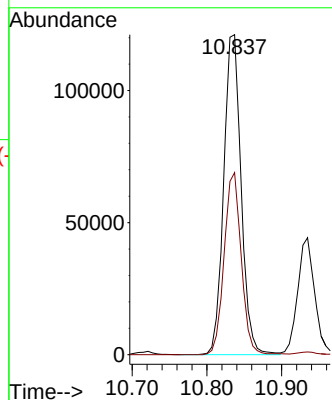
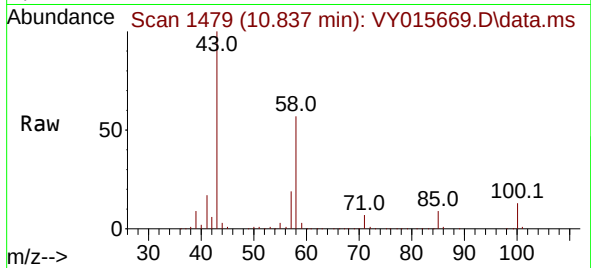




#59
2-Hexanone
Concen: 107.668 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

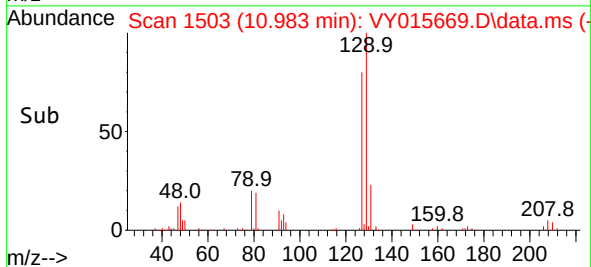
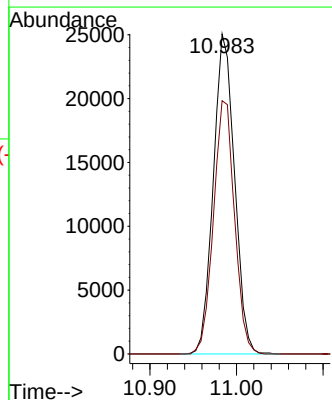
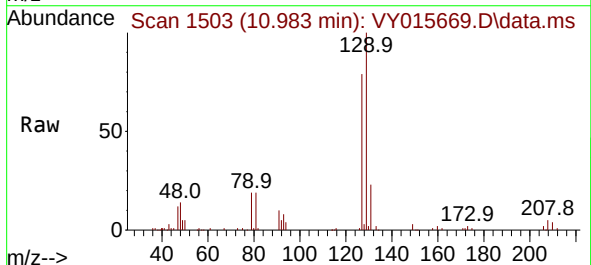
Instrument :
MSVOA_Y
ClientSampleId :

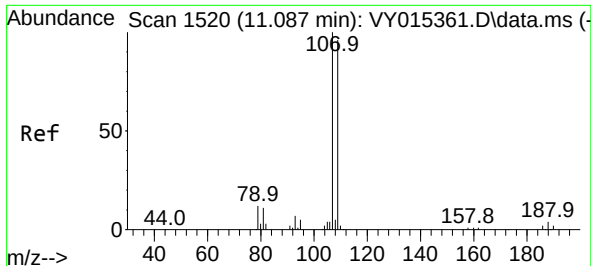
Tgt Ion: 43 Resp: 196601
Ion Ratio Lower Upper
43 100
58 55.8 25.1 75.3



#60
Dibromochloromethane
Concen: 20.324 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

Tgt Ion:129 Resp: 42625
Ion Ratio Lower Upper
129 100
127 78.7 38.5 115.5

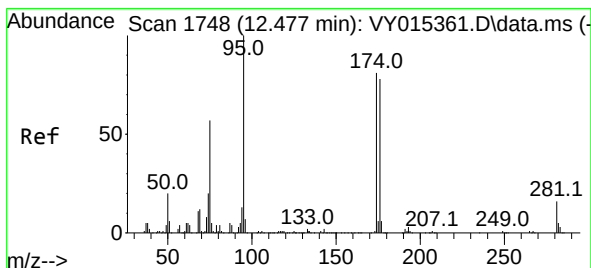
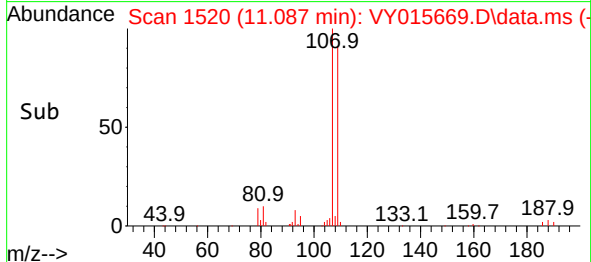
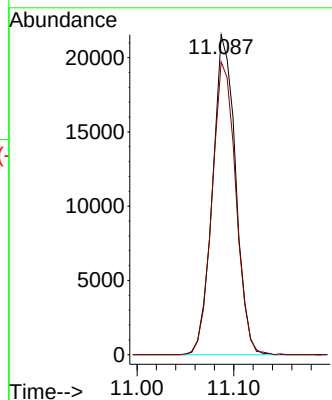
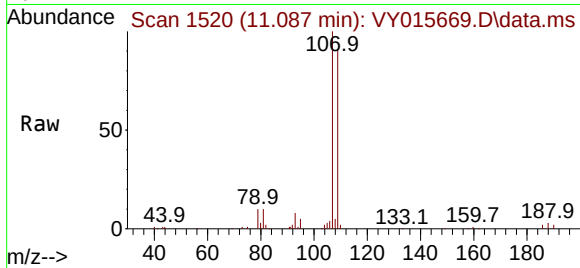




#61
1,2-Dibromoethane
Concen: 20.196 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

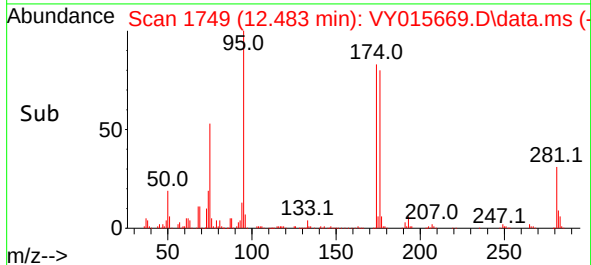
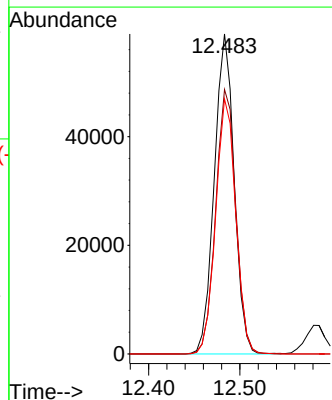
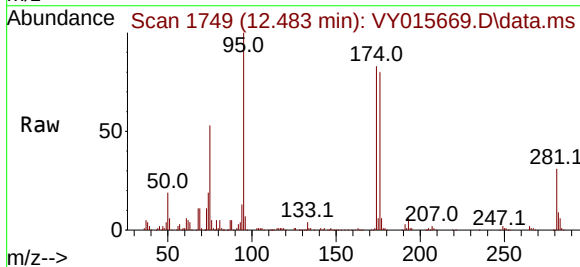
Instrument :
MSVOA_Y
ClientSampleId :

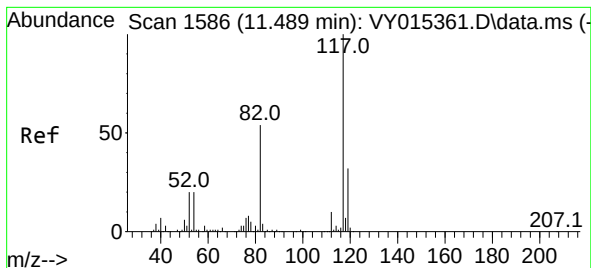
Tgt Ion:107 Resp: 35498
Ion Ratio Lower Upper
107 100
109 94.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 43.785 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

Tgt Ion: 95 Resp: 88802
Ion Ratio Lower Upper
95 100
174 84.1 0.0 178.2
176 80.7 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: VY015669.D

Acq: 21 Sep 2023 11:38

Instrument :

MSVOA_Y

ClientSampleId :

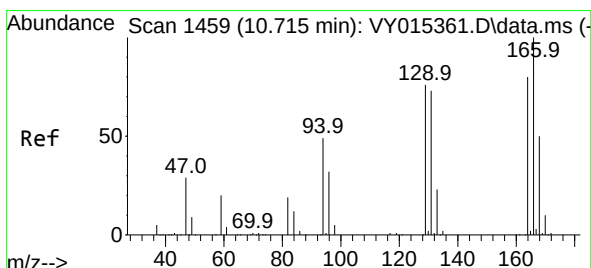
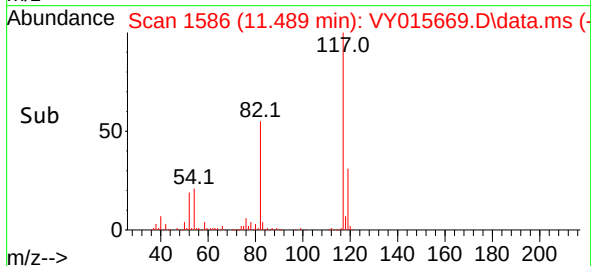
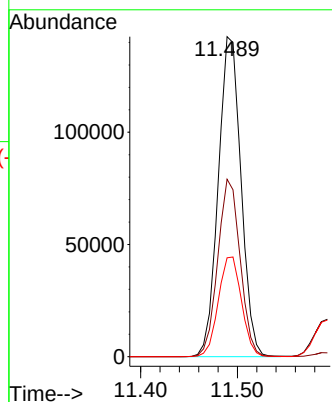
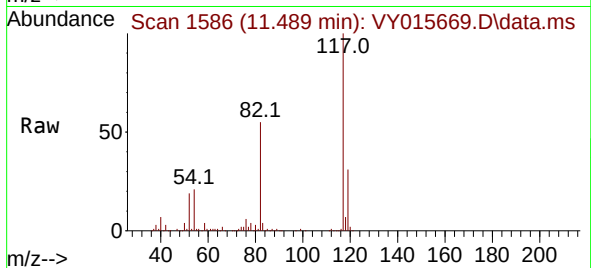
Tgt Ion:117 Resp: 232692

Ion Ratio Lower Upper

117 100

82 55.4 43.4 65.0

119 30.9 26.3 39.5



#64

Tetrachloroethene

Concen: 20.759 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

Tgt Ion:164 Resp: 41443

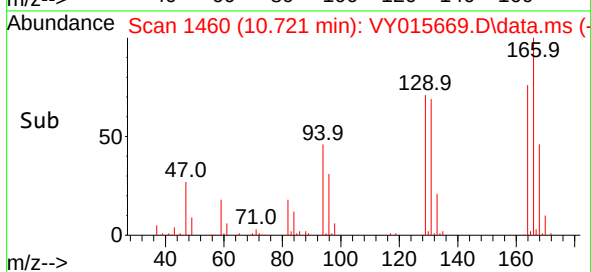
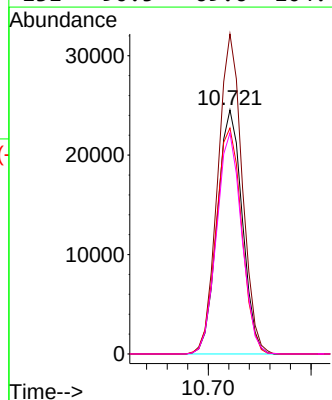
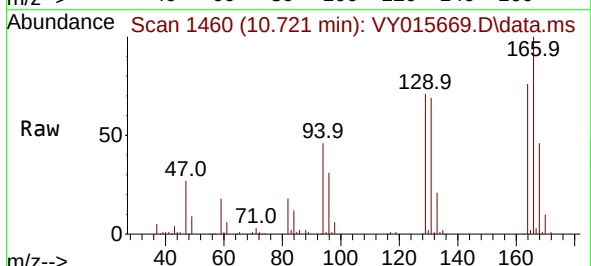
Ion Ratio Lower Upper

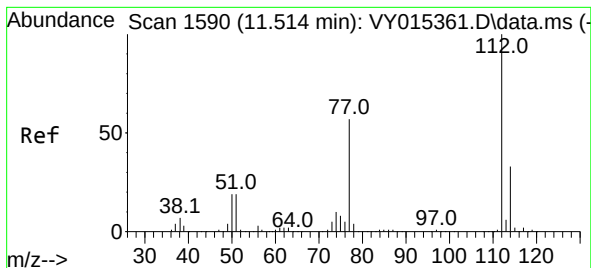
164 100

166 131.2 103.0 154.6

129 92.6 77.2 115.8

131 90.5 69.6 104.4





#65

Chlorobenzene

Concen: 20.164 ug/l

RT: 11.520 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

Instrument :

MSVOA_Y

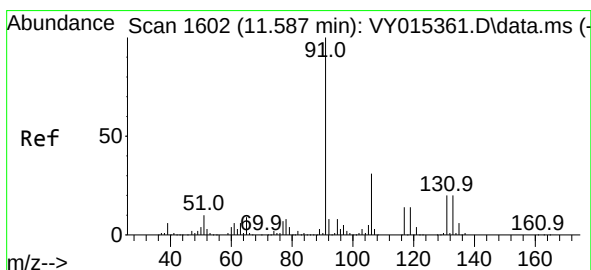
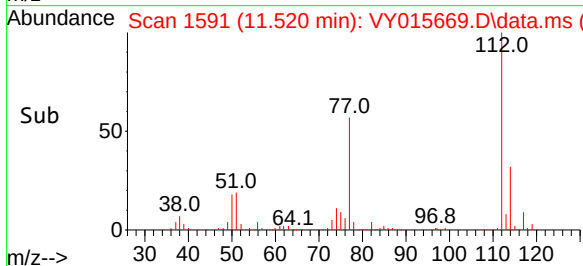
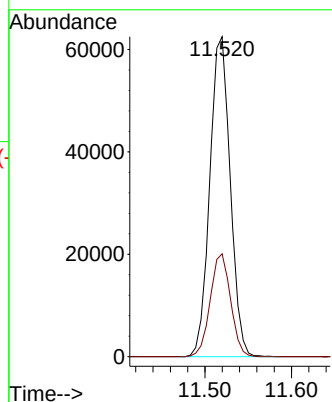
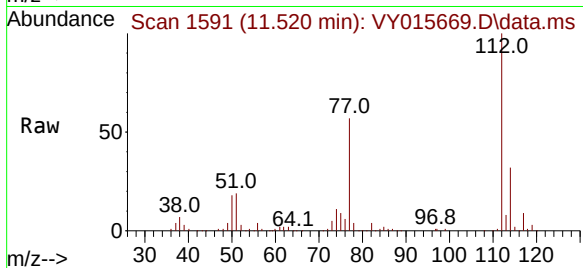
ClientSampleId :

Tgt Ion:112 Resp: 102417

Ion Ratio Lower Upper

112 100

114 32.2 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 20.148 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

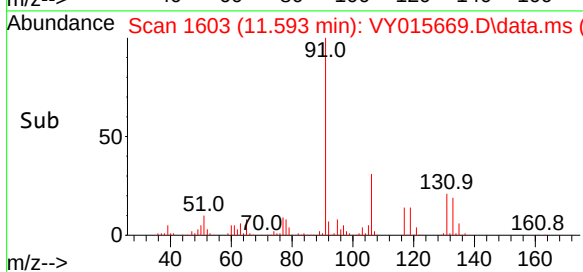
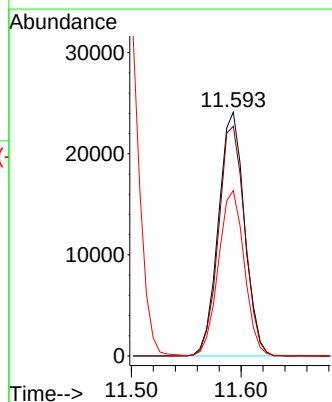
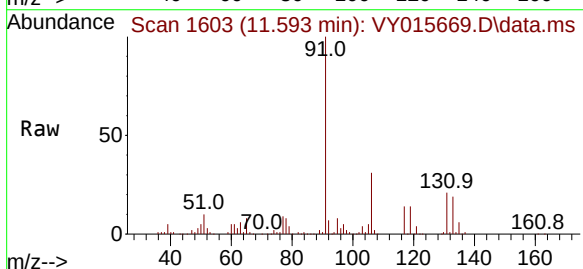
Tgt Ion:131 Resp: 39751

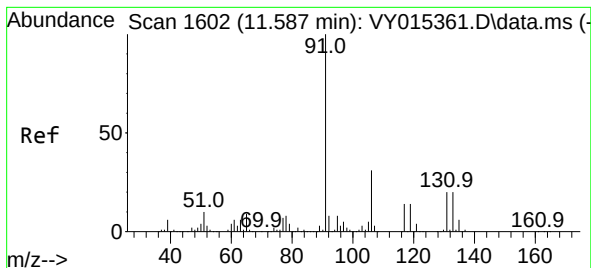
Ion Ratio Lower Upper

131 100

133 95.0 47.5 142.6

119 67.6 31.6 94.7





#67

Ethyl Benzene

Concen: 20.113 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

Instrument :

MSVOA_Y

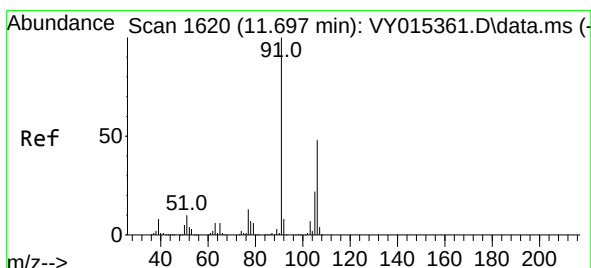
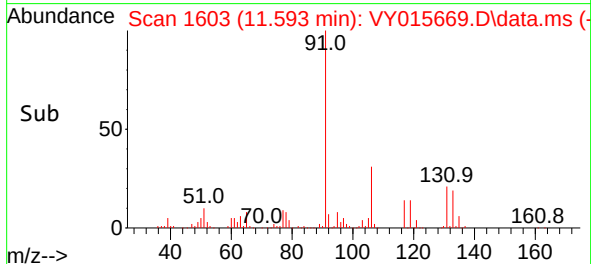
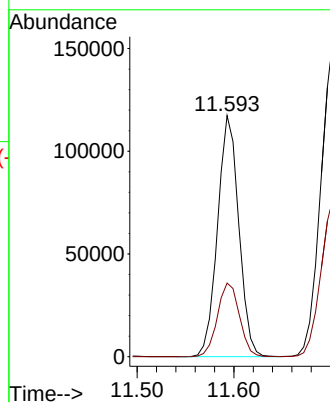
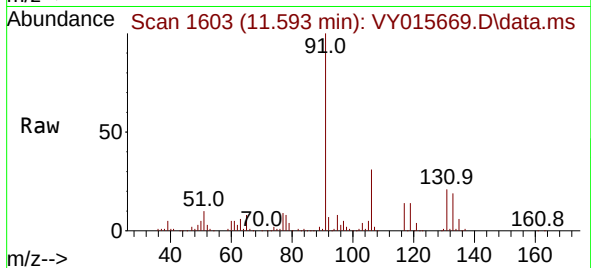
ClientSampleId :

Tgt Ion: 91 Resp: 178560

Ion Ratio Lower Upper

91 100

106 30.5 24.6 36.8



#68

m/p-Xylenes

Concen: 41.194 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY015669.D

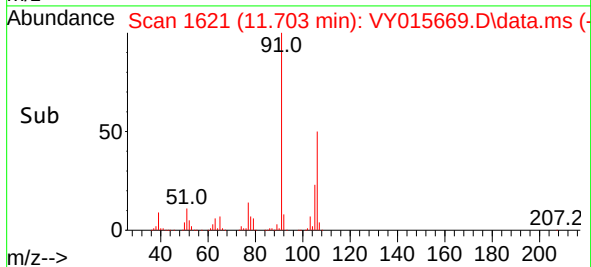
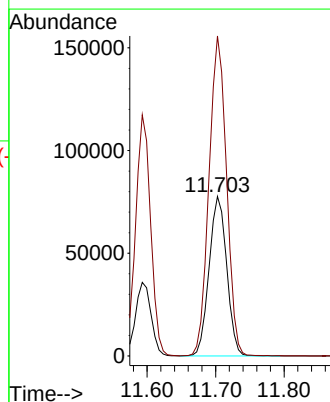
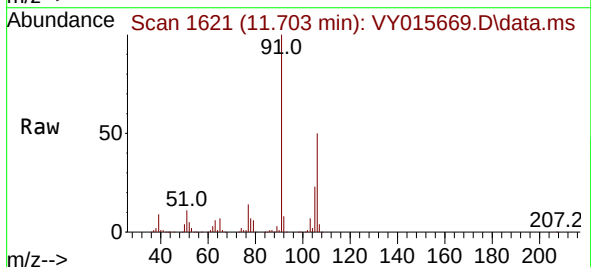
Acq: 21 Sep 2023 11:38

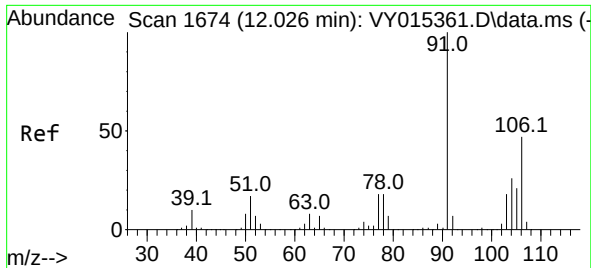
Tgt Ion:106 Resp: 139003

Ion Ratio Lower Upper

106 100

91 199.6 166.1 249.1

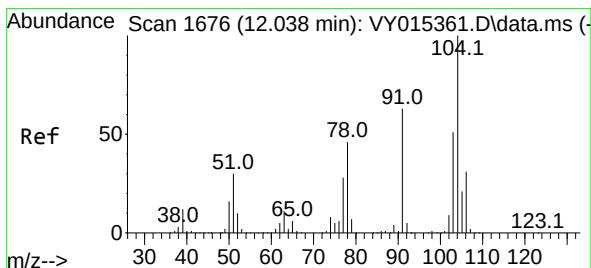
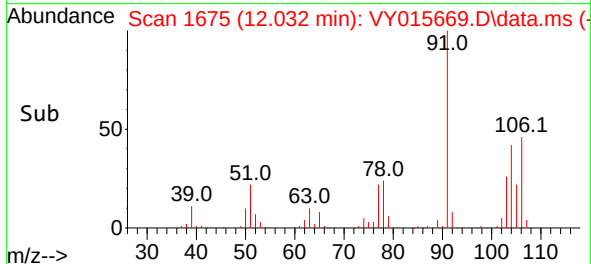
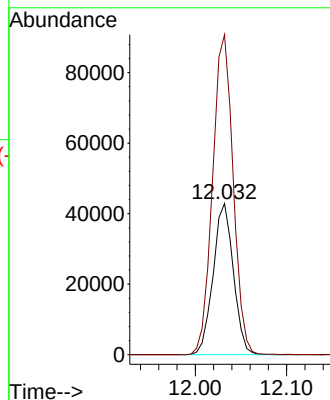
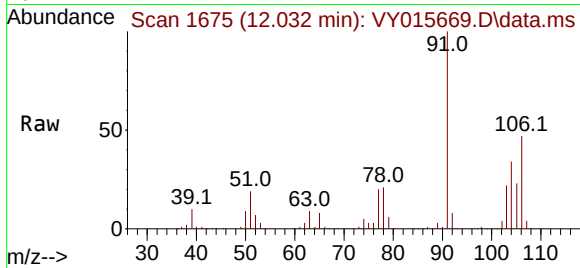




#69
o-Xylene
Concen: 19.992 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

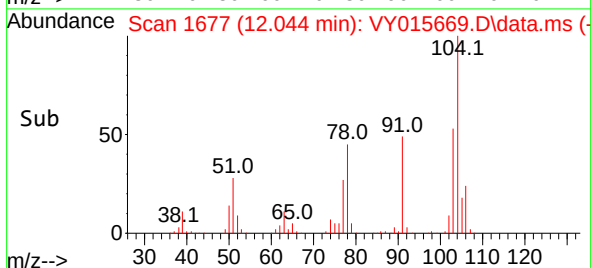
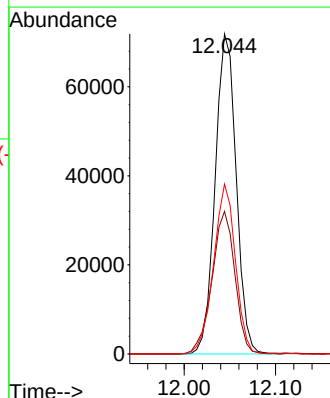
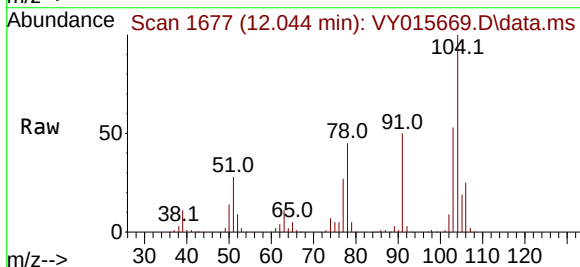
Instrument :
MSVOA_Y
ClientSampleId :

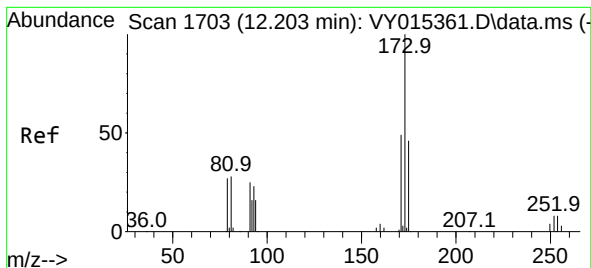
Tgt Ion:106 Resp: 66150
Ion Ratio Lower Upper
106 100
91 215.0 108.1 324.3



#70
Styrene
Concen: 20.308 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

Tgt Ion:104 Resp: 115019
Ion Ratio Lower Upper
104 100
78 48.4 41.5 62.3
103 55.2 44.6 67.0





#71

Bromoform

Concen: 20.512 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

Instrument :

MSVOA_Y

ClientSampleId :

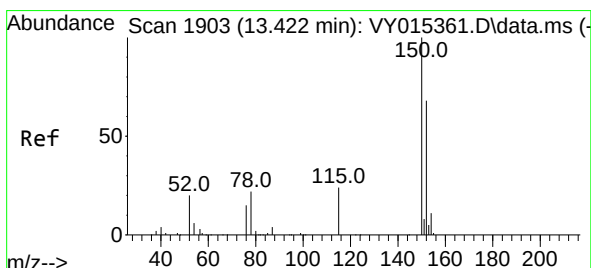
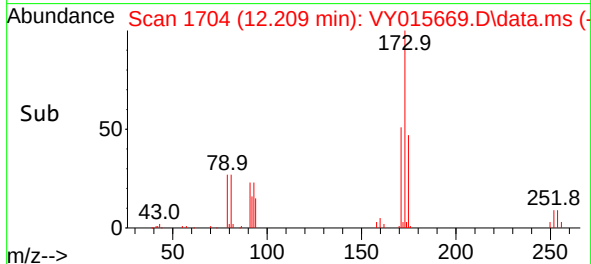
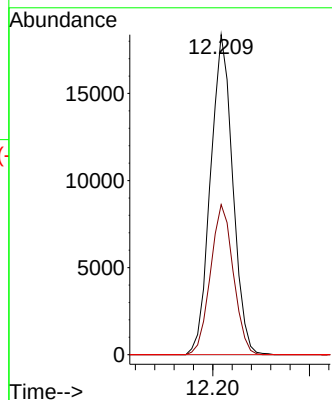
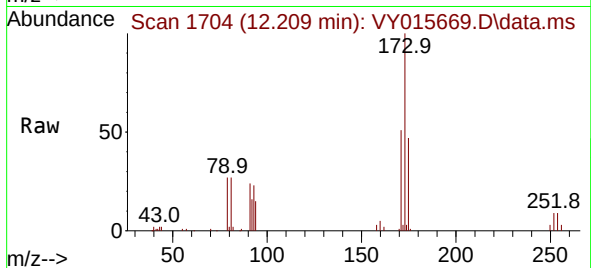
Tgt Ion:173 Resp: 29327

Ion Ratio Lower Upper

173 100

175 48.2 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: VY015669.D

Acq: 21 Sep 2023 11:38

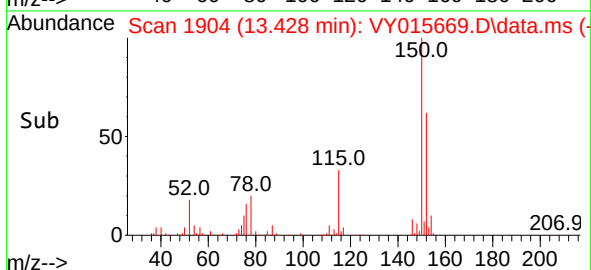
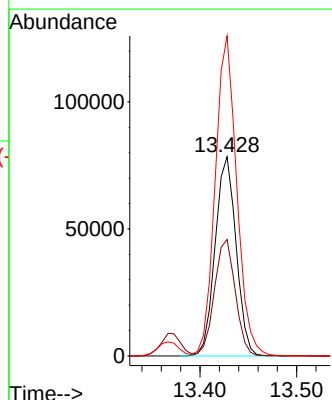
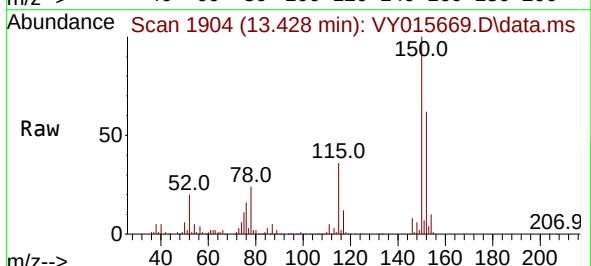
Tgt Ion:152 Resp: 117984

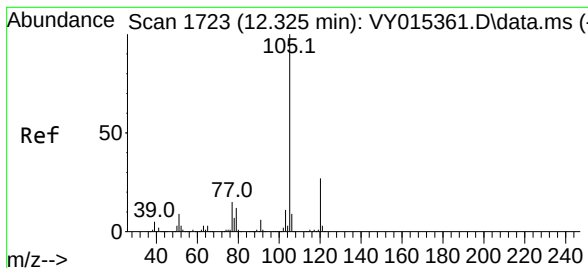
Ion Ratio Lower Upper

152 100

115 58.7 28.8 86.5

150 165.2 0.0 348.8





#73

Isopropylbenzene

Concen: 20.396 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.006 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

Instrument :

MSVOA_Y

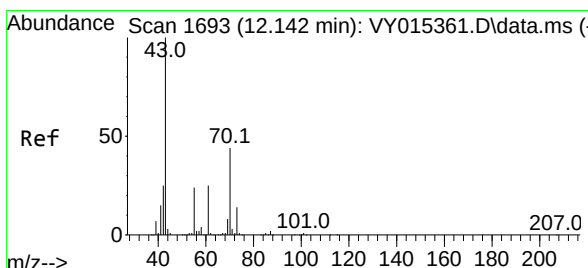
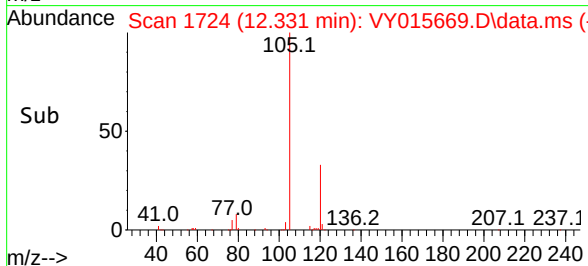
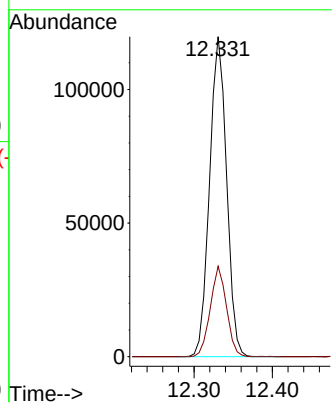
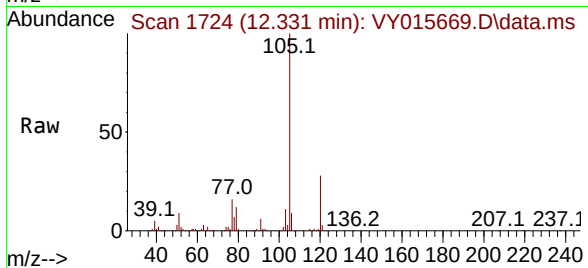
ClientSampleId :

Tgt Ion:105 Resp: 180521

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.9



#74

N-ethyl acetate

Concen: 20.134 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

Tgt Ion: 43 Resp: 66976

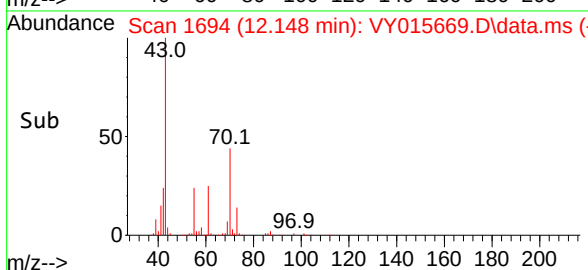
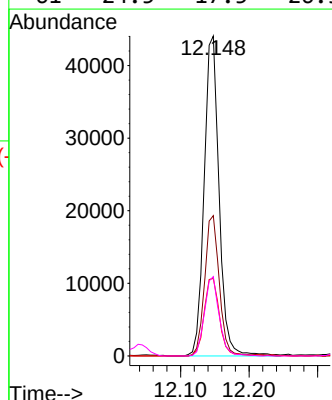
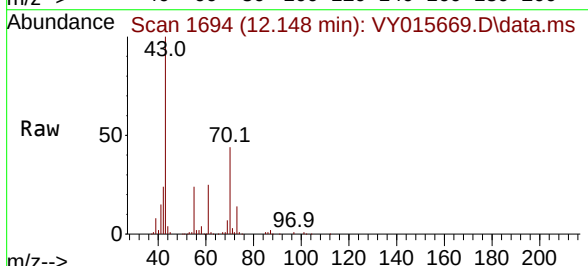
Ion Ratio Lower Upper

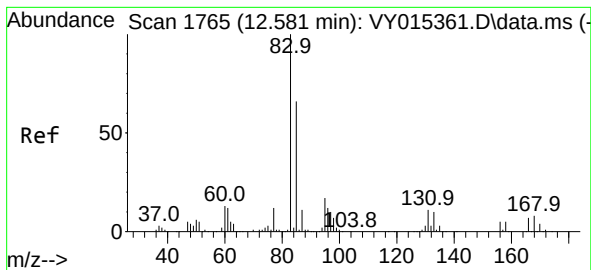
43 100

70 42.9 29.7 44.5

55 24.9 18.3 27.5

61 24.5 17.5 26.3

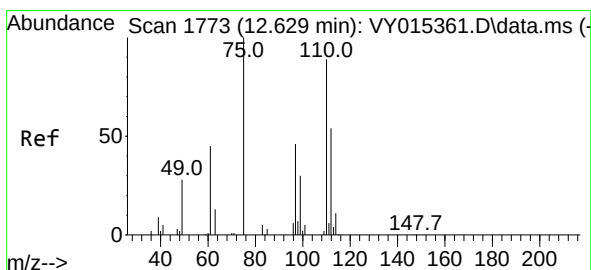
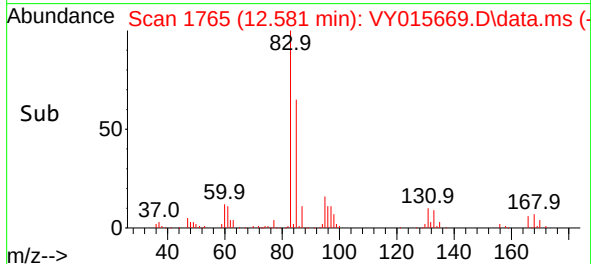
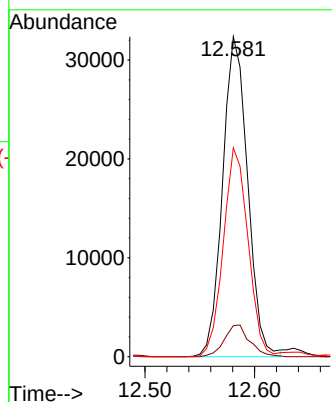
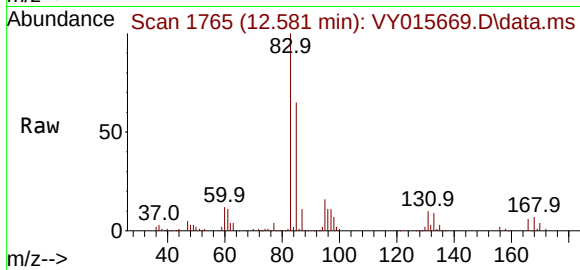




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.846 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY015669.D
 Acq: 21 Sep 2023 11:38

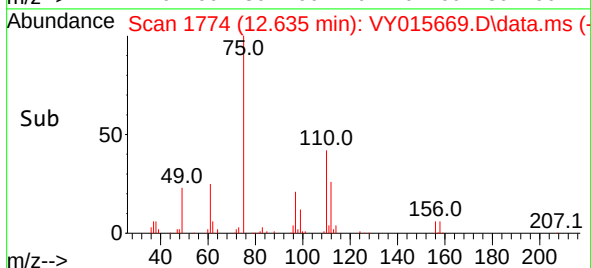
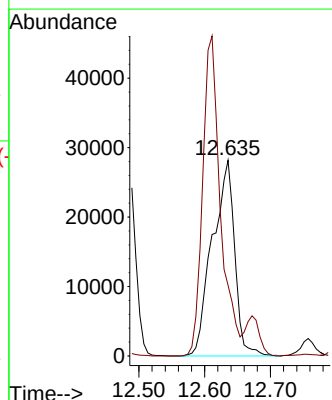
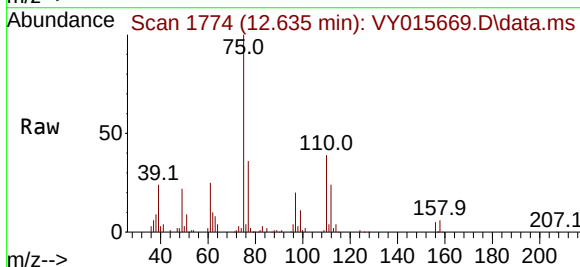
Instrument :
 MSVOA_Y
 ClientSampleId :

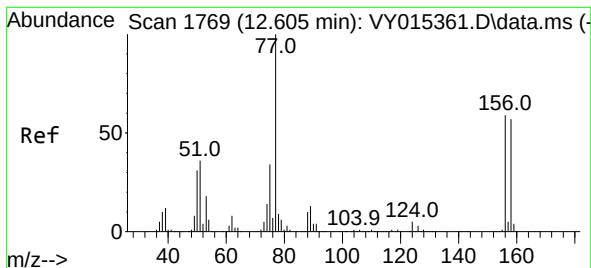
Tgt Ion: 83 Resp: 51350
 Ion Ratio Lower Upper
 83 100
 131 10.0 5.4 16.2
 85 64.6 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 35.446 ug/l
 RT: 12.635 min Scan# 1774
 Delta R.T. 0.006 min
 Lab File: VY015669.D
 Acq: 21 Sep 2023 11:38

Tgt Ion: 75 Resp: 66718
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.375 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

Instrument :

MSVOA_Y

ClientSampleId :

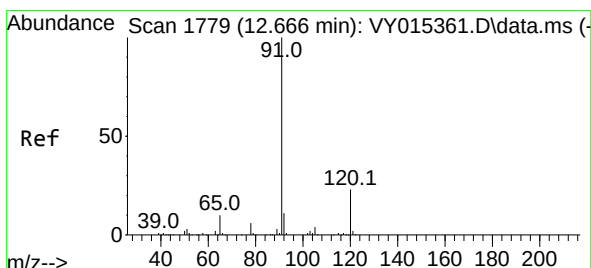
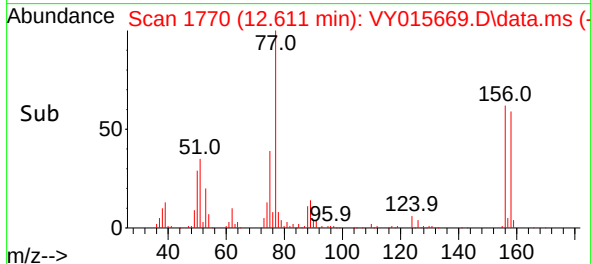
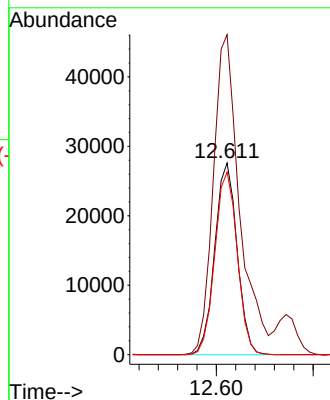
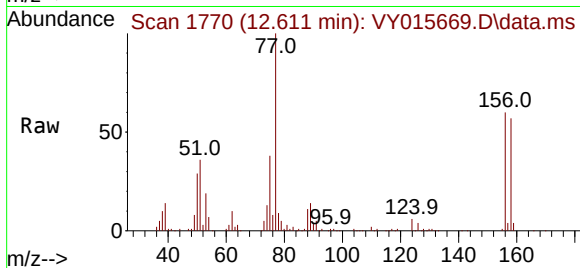
Tgt Ion:156 Resp: 44266

Ion Ratio Lower Upper

156 100

77 196.0 92.8 278.6

158 95.4 48.4 145.3



#78

n-propylbenzene

Concen: 20.409 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015669.D

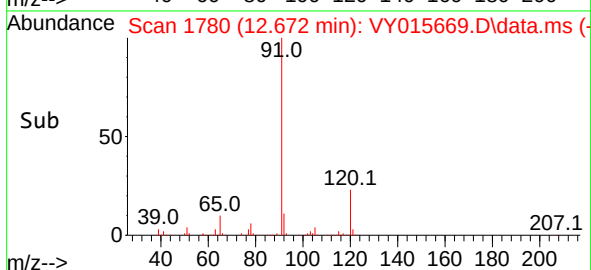
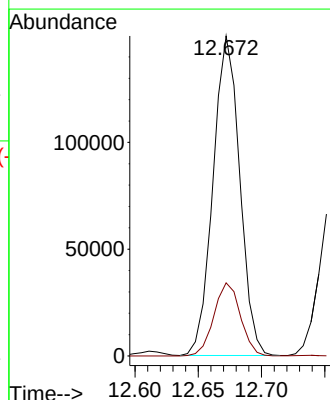
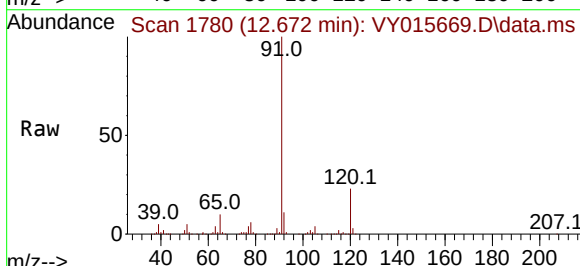
Acq: 21 Sep 2023 11:38

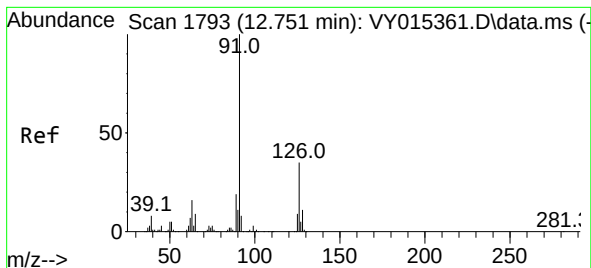
Tgt Ion: 91 Resp: 219446

Ion Ratio Lower Upper

91 100

120 22.7 11.5 34.4

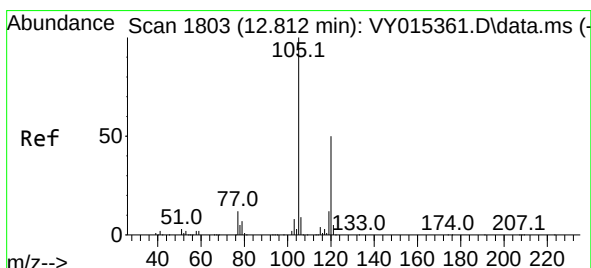
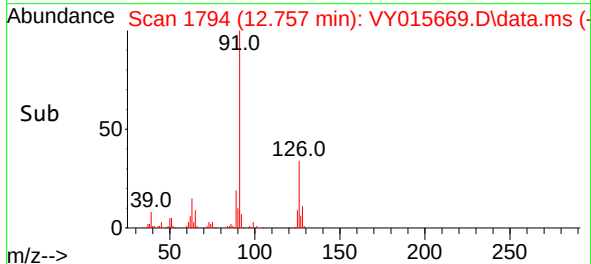
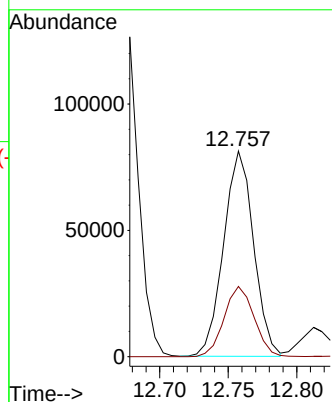
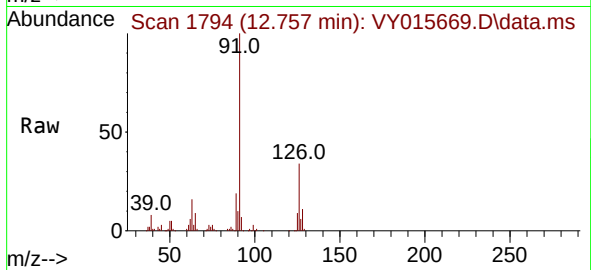




#79
2-Chlorotoluene
Concen: 20.216 ug/l
RT: 12.757 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

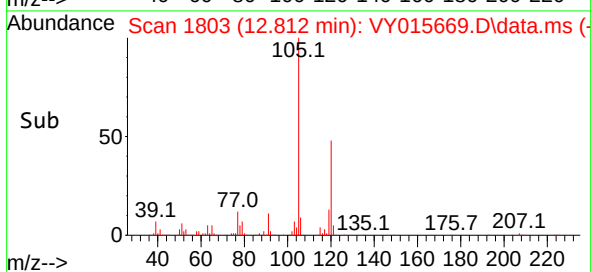
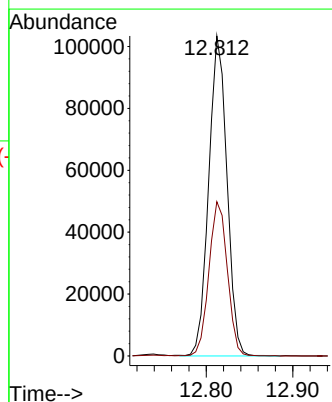
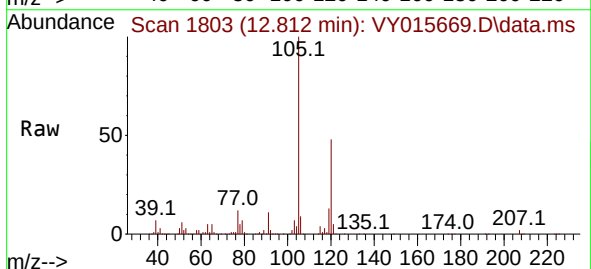
Instrument :
MSVOA_Y
ClientSampleId :

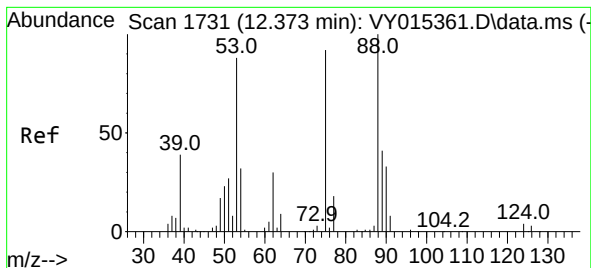
Tgt Ion: 91 Resp: 123904
Ion Ratio Lower Upper
91 100
126 34.3 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 20.435 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

Tgt Ion: 105 Resp: 151417
Ion Ratio Lower Upper
105 100
120 48.7 23.9 71.7

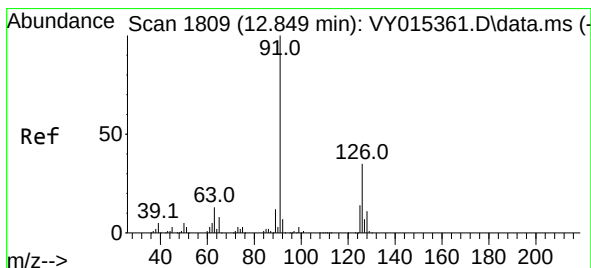
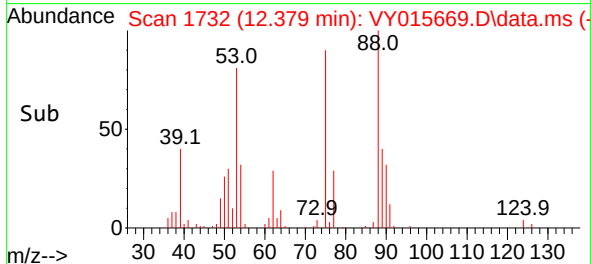
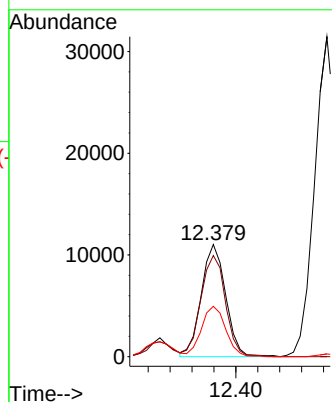
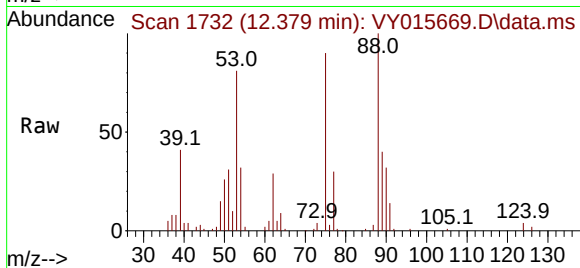




#81
trans-1,4-Dichloro-2-butene
Concen: 20.436 ug/l
RT: 12.379 min Scan# 1731
Delta R.T. -0.001 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

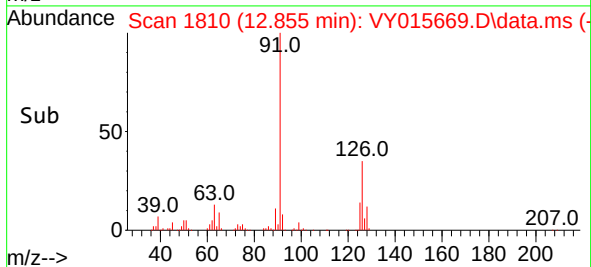
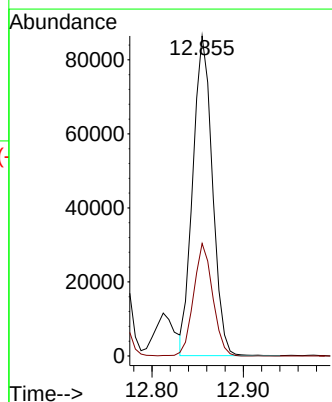
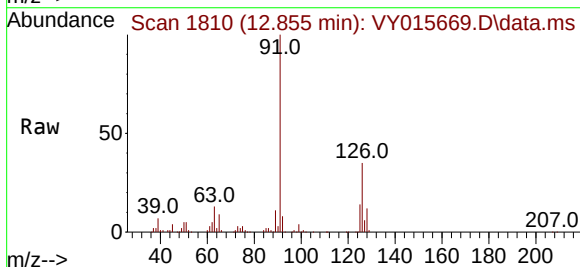
Instrument :
MSVOA_Y
ClientSampleId :

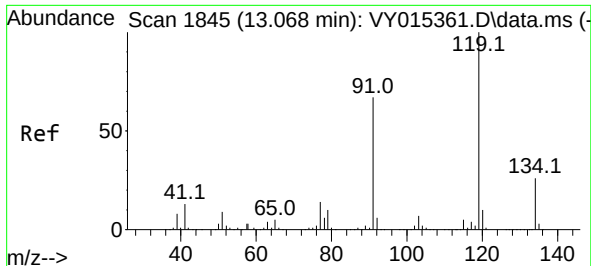
Tgt Ion: 75 Resp: 17081
Ion Ratio Lower Upper
75 100
53 90.9 77.8 116.8
89 44.4 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.086 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

Tgt Ion: 91 Resp: 128521
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.6





#83

tert-Butylbenzene

Concen: 20.303 ug/l

RT: 13.074 min Scan# 119

Delta R.T. -0.001 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

Instrument :

MSVOA_Y

ClientSampleId :

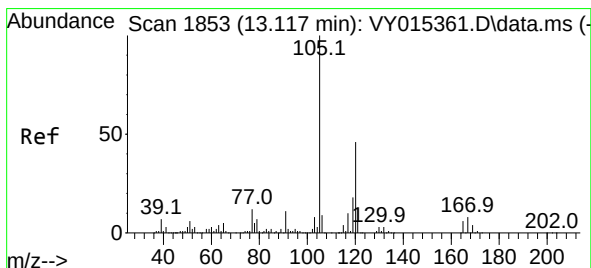
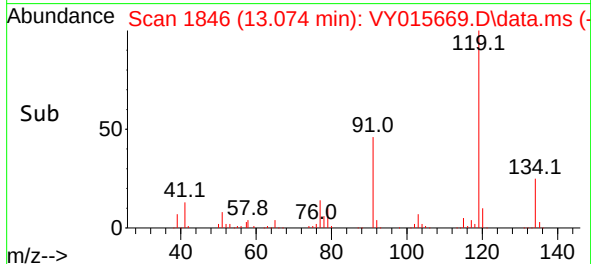
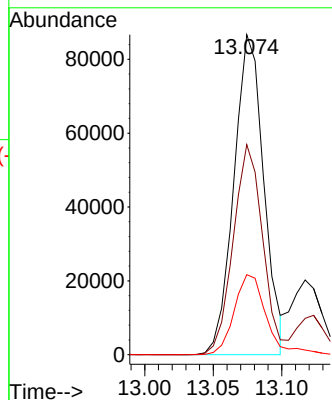
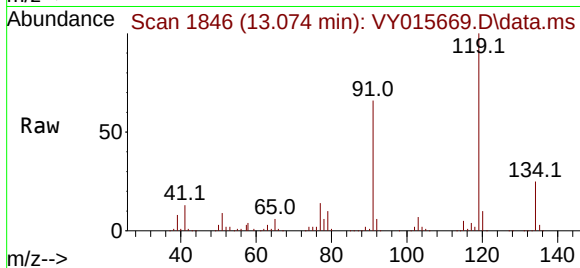
Tgt Ion:119 Resp: 131759

Ion Ratio Lower Upper

119 100

91 65.3 32.9 98.6

134 26.9 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.481 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY015669.D

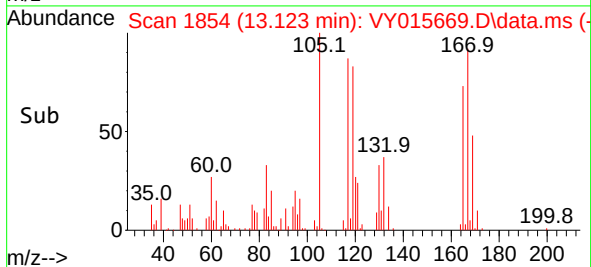
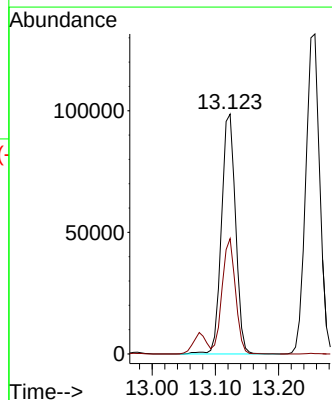
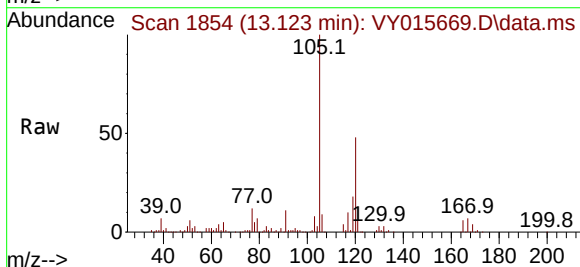
Acq: 21 Sep 2023 11:38

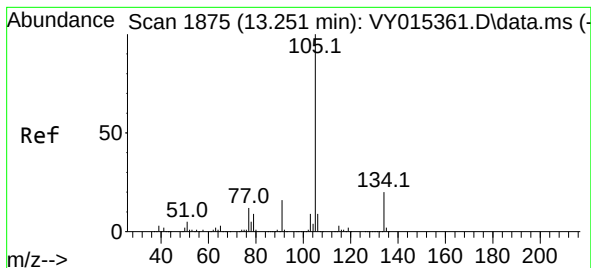
Tgt Ion:105 Resp: 151844

Ion Ratio Lower Upper

105 100

120 45.7 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.667 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

Instrument :

MSVOA_Y

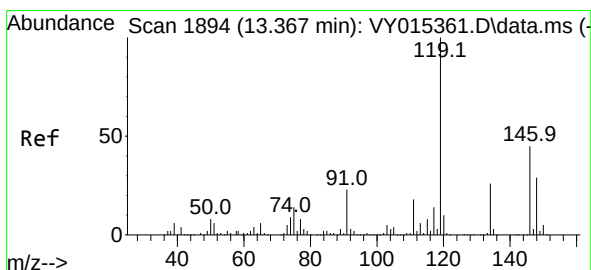
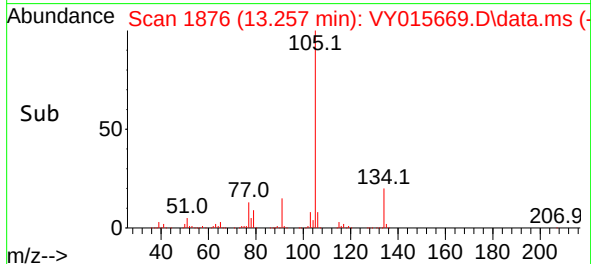
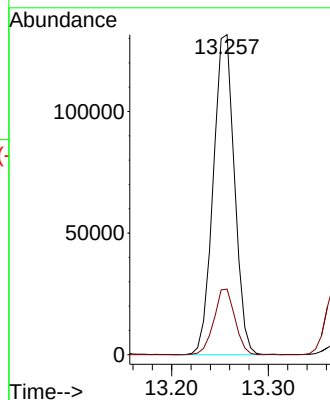
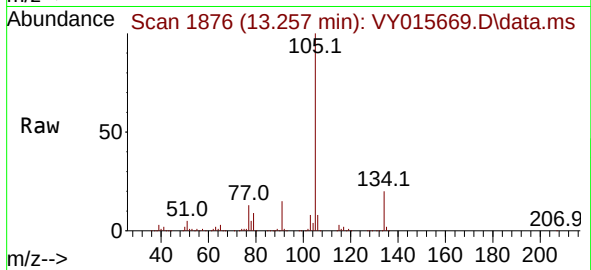
ClientSampleId :

Tgt Ion:105 Resp: 200714

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.465 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

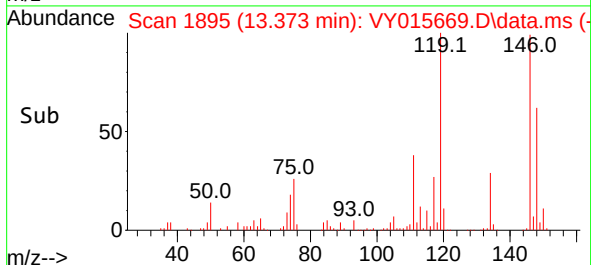
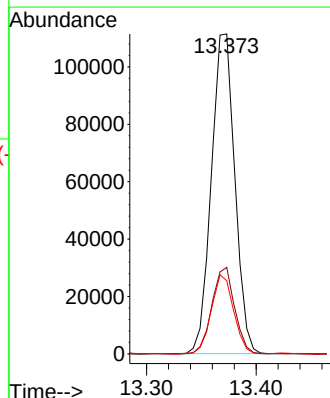
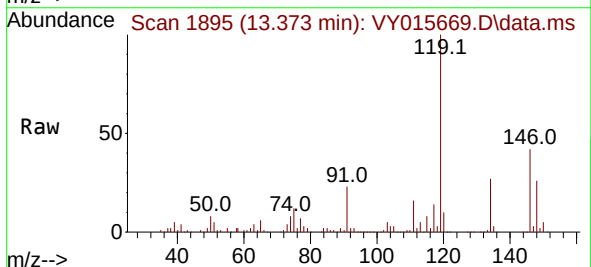
Tgt Ion:119 Resp: 166026

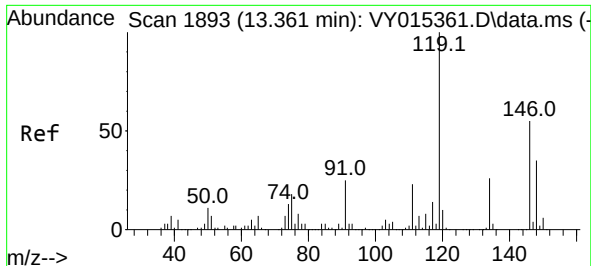
Ion Ratio Lower Upper

119 100

134 26.1 13.3 39.8

91 23.8 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 20.241 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

Instrument :

MSVOA_Y

ClientSampleId :

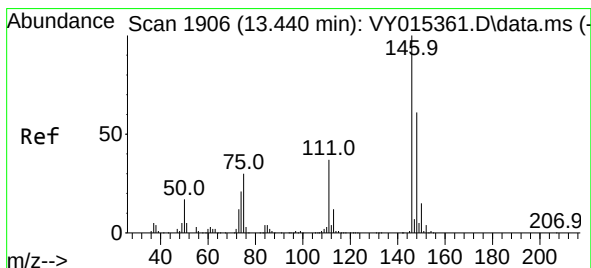
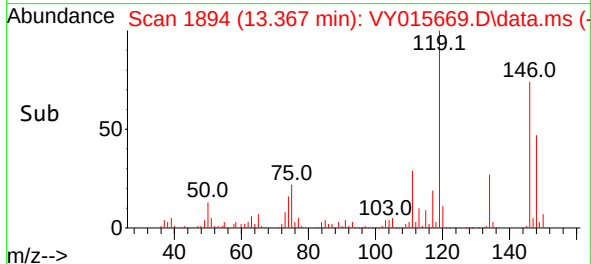
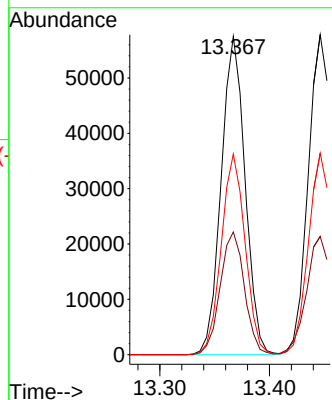
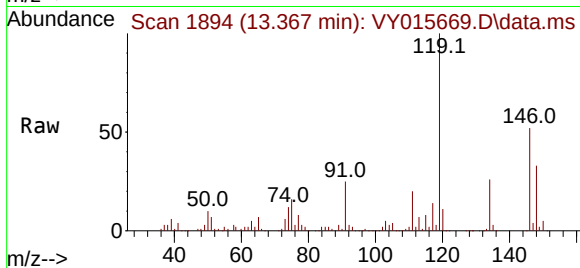
Tgt Ion:146 Resp: 87243

Ion Ratio Lower Upper

146 100

111 39.1 19.4 58.2

148 62.9 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 20.529 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

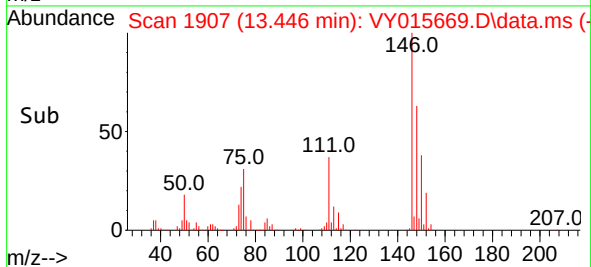
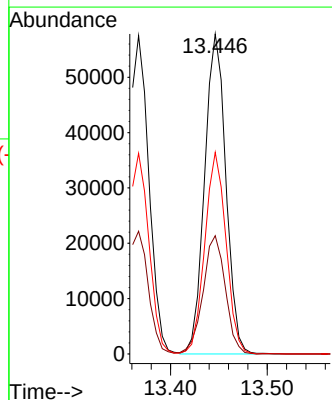
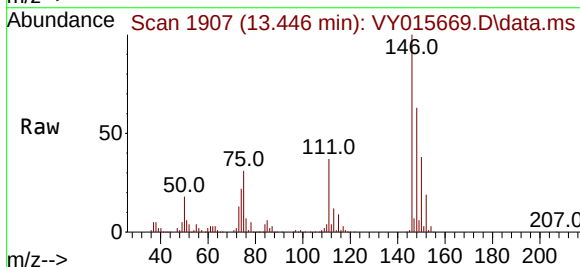
Tgt Ion:146 Resp: 88493

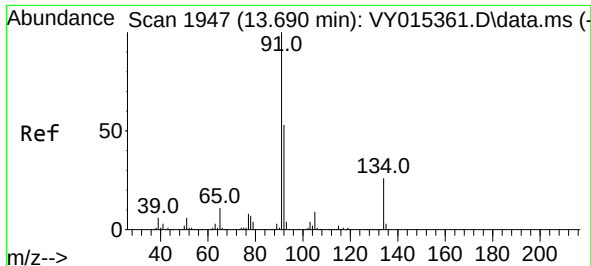
Ion Ratio Lower Upper

146 100

111 38.8 18.9 56.7

148 63.0 32.1 96.5

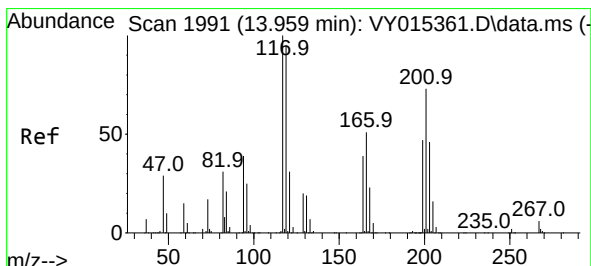
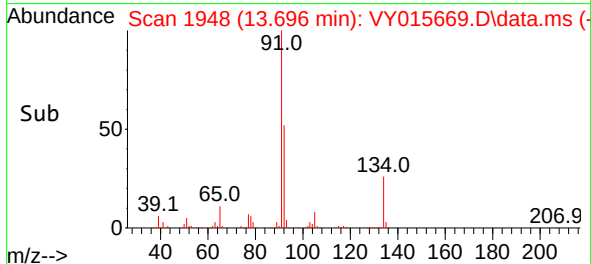
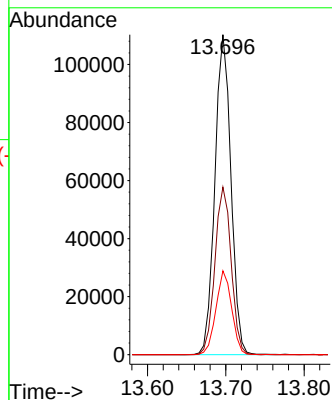
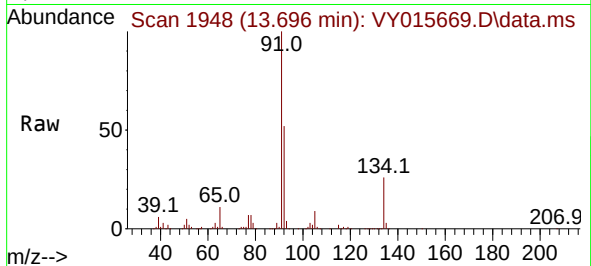




#89
n-Butylbenzene
Concen: 20.469 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

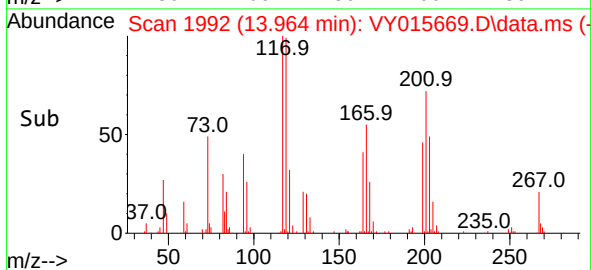
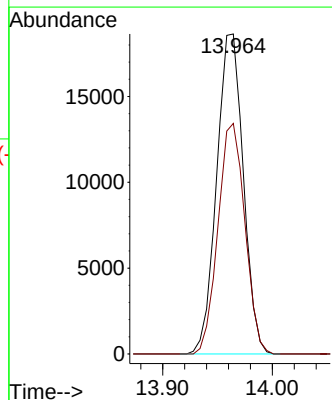
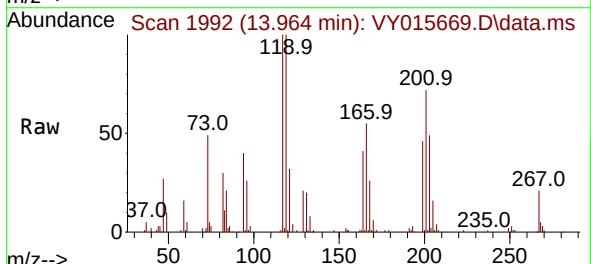
Instrument :
MSVOA_Y
ClientSampleId :

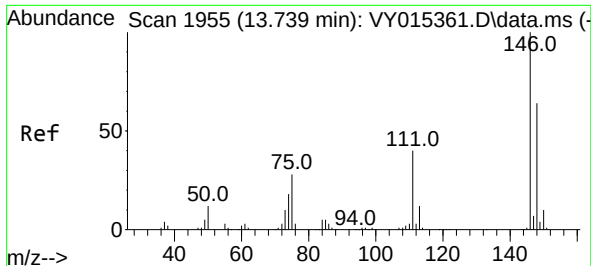
Tgt Ion: 91 Resp: 157241
Ion Ratio Lower Upper
91 100
92 53.0 25.4 76.0
134 25.7 12.6 37.6



#90
Hexachloroethane
Concen: 20.114 ug/l
RT: 13.964 min Scan# 1992
Delta R.T. 0.005 min
Lab File: VY015669.D
Acq: 21 Sep 2023 11:38

Tgt Ion: 117 Resp: 31492
Ion Ratio Lower Upper
117 100
201 72.7 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 20.218 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

Instrument :

MSVOA_Y

ClientSampleId :

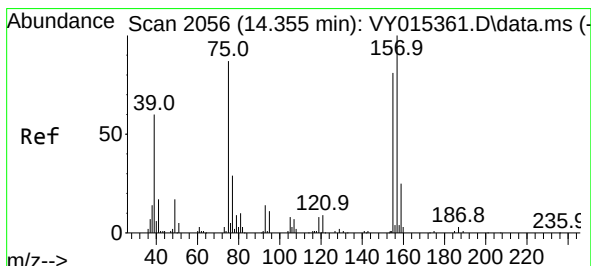
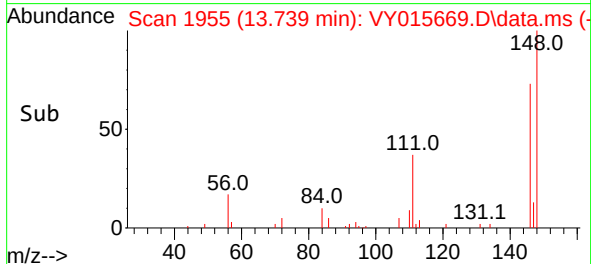
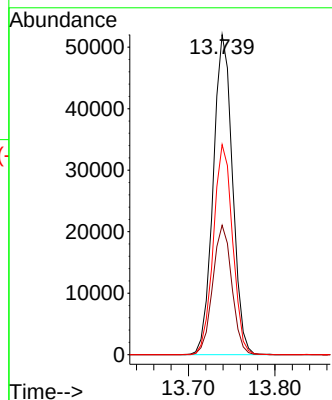
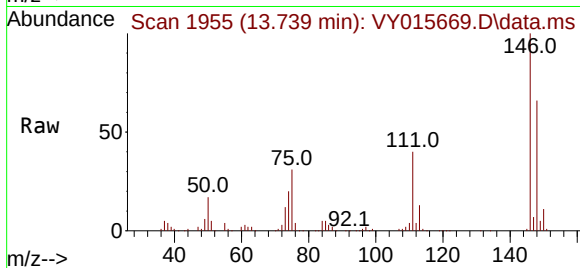
Tgt Ion:146 Resp: 80443

Ion Ratio Lower Upper

146 100

111 40.1 19.7 59.0

148 65.5 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.082 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

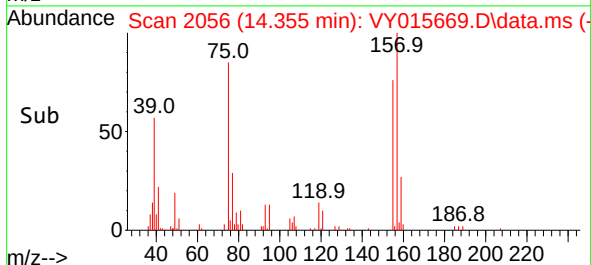
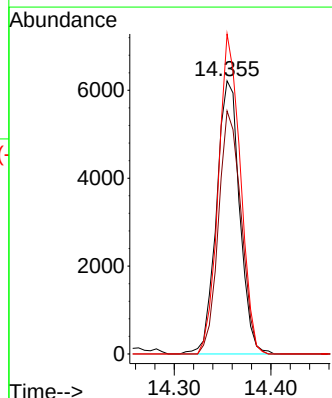
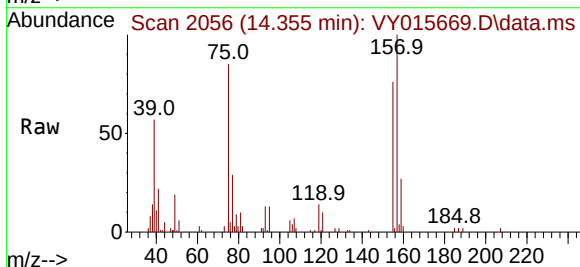
Tgt Ion: 75 Resp: 10314

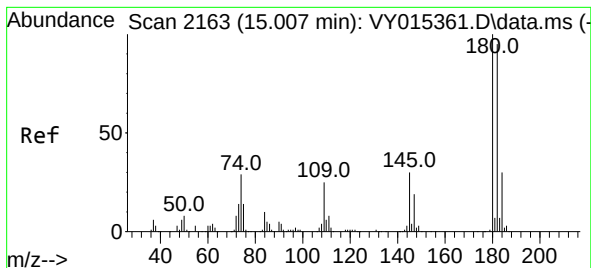
Ion Ratio Lower Upper

75 100

155 86.6 41.5 124.6

157 111.1 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.164 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

Instrument :

MSVOA_Y

ClientSampleId :

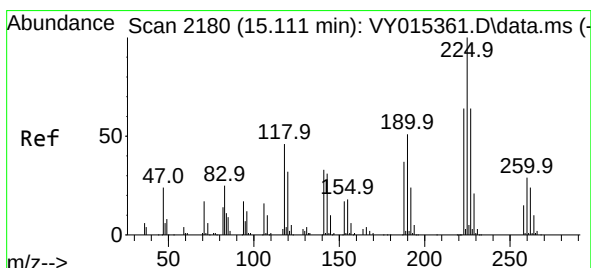
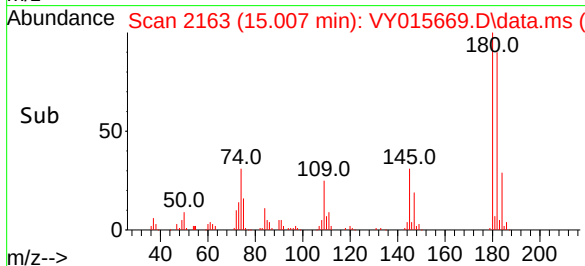
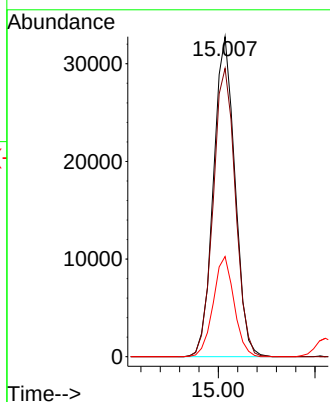
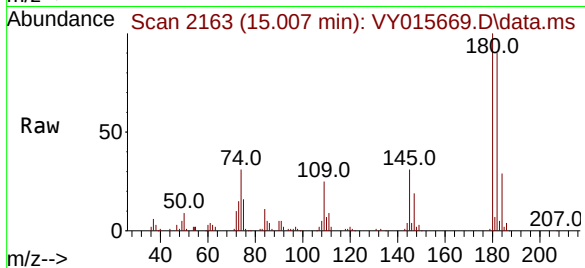
Tgt Ion:180 Resp: 50507

Ion Ratio Lower Upper

180 100

182 93.0 47.0 141.2

145 30.4 14.5 43.5



#94

Hexachlorobutadiene

Concen: 20.718 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

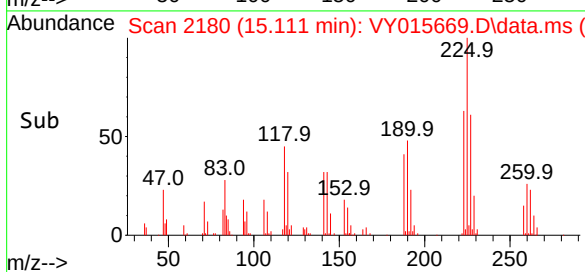
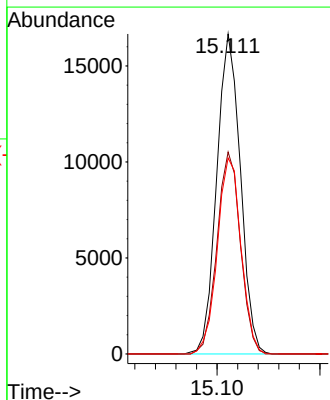
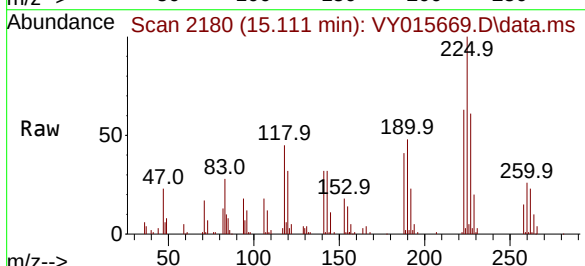
Tgt Ion:225 Resp: 26575

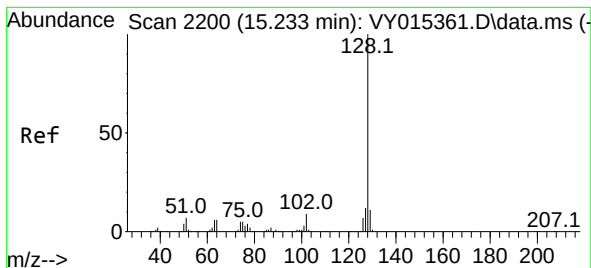
Ion Ratio Lower Upper

225 100

223 62.5 31.9 95.9

227 61.4 33.0 98.9





#95

Naphthalene

Concen: 20.123 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

Instrument :

MSVOA_Y

ClientSampleId :

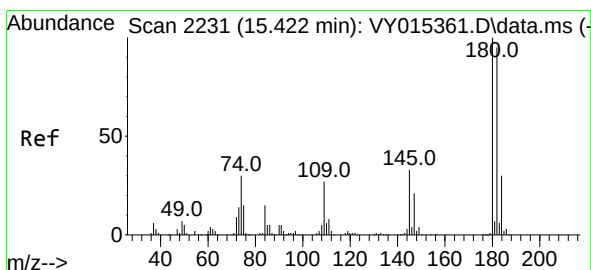
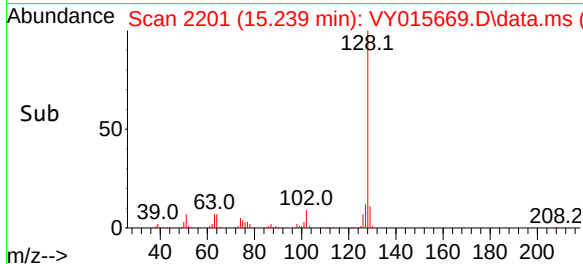
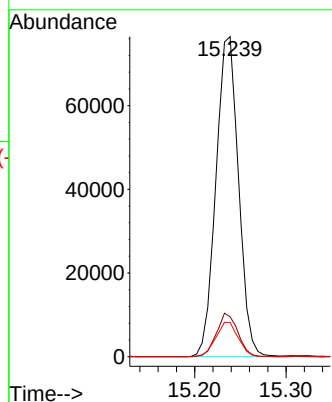
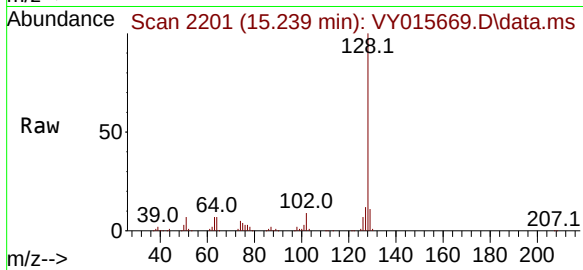
Tgt Ion:128 Resp: 131431

Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.969 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY015669.D

Acq: 21 Sep 2023 11:38

Tgt Ion:180 Resp: 46166

Ion Ratio Lower Upper

180 100

182 96.9 47.3 141.8

145 32.7 15.4 46.2

