

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015583.D
 Acq On : 15 Sep 2023 20:33
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 18 09:23:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	159690	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	270750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	249857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	130381	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	83876	48.997	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.000%
35) Dibromofluoromethane	7.716	113	77558	49.734	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.460%
50) Toluene-d8	10.179	98	255028	45.159	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.320%
62) 4-Bromofluorobenzene	12.477	95	102591	48.934	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.860%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	52109	37.539	ug/l	99
3) Chloromethane	2.113	50	86549	46.948	ug/l	100
4) Vinyl Chloride	2.247	62	96472	44.959	ug/l	98
5) Bromomethane	2.650	94	74761	48.966	ug/l	99
6) Chloroethane	2.790	64	69533	49.300	ug/l	95
7) Trichlorofluoromethane	3.119	101	144698	47.673	ug/l	100
8) Diethyl Ether	3.534	74	59592	57.450	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.899	101	84634	50.309	ug/l	95
10) Methyl Iodide	4.088	142	91272	46.201	ug/l	98
11) Tert butyl alcohol	4.997	59	99344	265.638	ug/l	99
12) 1,1-Dichloroethene	3.869	96	81500	51.341	ug/l	92
13) Acrolein	3.741	56	67249	146.463	ug/l	99
14) Allyl chloride	4.479	41	142600	56.421	ug/l	95
15) Acrylonitrile	5.167	53	220074	337.166	ug/l	99
16) Acetone	3.966	43	236284	330.689	ug/l	92
17) Carbon Disulfide	4.192	76	237855	50.120	ug/l	99
18) Methyl Acetate	4.491	43	192296	74.303	ug/l	94
19) Methyl tert-butyl Ether	5.228	73	301373	58.413	ug/l	99
20) Methylene Chloride	4.716	84	138152	62.611	ug/l	93
21) trans-1,2-Dichloroethene	5.222	96	98496	53.883	ug/l	98
22) Diisopropyl ether	6.125	45	318683	57.652	ug/l	94
23) Vinyl Acetate	6.064	43	982230	281.435	ug/l	95
24) 1,1-Dichloroethane	6.021	63	177931	55.683	ug/l	96
25) 2-Butanone	6.990	43	344395	339.833	ug/l	98
26) 2,2-Dichloropropane	6.984	77	135456	49.910	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	116402	56.132	ug/l	94
28) Bromochloromethane	7.338	49	45004	45.927	ug/l	99
29) Tetrahydrofuran	7.350	42	221345	347.805	ug/l	94
30) Chloroform	7.508	83	188411	56.089	ug/l	96
31) Cyclohexane	7.789	56	147436	48.486	ug/l	93
32) 1,1,1-Trichloroethane	7.704	97	160262	53.414	ug/l	99
36) 1,1-Dichloropropene	7.917	75	139443	50.924	ug/l	98
37) Ethyl Acetate	7.082	43	135778	64.293	ug/l	97
38) Carbon Tetrachloride	7.899	117	141498	50.033	ug/l	97
39) Methylcyclohexane	9.185	83	168058	48.751	ug/l	92
40) Benzene	8.161	78	404361	52.929	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	190072	191.927	ug/l #	29
42) 1,2-Dichloroethane	8.234	62	136186	53.459	ug/l	95
43) Isopropyl Acetate	8.277	43	222091	60.816	ug/l	98
44) Trichloroethene	8.941	130	116816	54.043	ug/l	96
45) 1,2-Dichloropropane	9.215	63	105888	54.982	ug/l	96
46) Dibromomethane	9.307	93	71106	55.583	ug/l	96
47) Bromodichloromethane	9.496	83	151109	55.234	ug/l	99
48) Methyl methacrylate	9.295	41	101181	60.387	ug/l	91
49) 1,4-Dioxane	9.313	88	32849	1382.414	ug/l #	53
51) 4-Methyl-2-Pentanone	10.069	43	708784	333.929	ug/l	94
52) Toluene	10.246	92	263085	53.729	ug/l	93
53) t-1,3-Dichloropropene	10.465	75	162417	55.862	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	174456	55.160	ug/l	91
55) 1,1,2-Trichloroethane	10.642	97	98178	56.957	ug/l	98
56) Ethyl methacrylate	10.508	69	153886	60.244	ug/l #	89
57) 1,3-Dichloropropane	10.788	76	168834	56.901	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	217329	238.367	ug/l	95
59) 2-Hexanone	10.831	43	547518	343.776	ug/l	92
60) Dibromochloromethane	10.983	129	116317	57.653	ug/l	100
61) 1,2-Dibromoethane	11.087	107	102543	58.710	ug/l	98
64) Tetrachloroethene	10.715	164	133405	58.824	ug/l	96
65) Chlorobenzene	11.514	112	281654	52.312	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	106524	54.055	ug/l	98
67) Ethyl Benzene	11.593	91	505412	52.277	ug/l	99
68) m/p-Xylenes	11.703	106	392314	104.689	ug/l	96
69) o-Xylene	12.026	106	190604	53.221	ug/l	98
70) Styrene	12.044	104	326625	54.240	ug/l	98
71) Bromoform	12.209	173	81748	59.467	ug/l #	99
73) Isopropylbenzene	12.331	105	495083	50.553	ug/l	100
74) N-amyl acetate	12.142	43	193549	58.826	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	133572	57.134	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	182266	105.418	ug/l #	100
77) Bromobenzene	12.605	156	120071	51.766	ug/l	93
78) n-propylbenzene	12.672	91	601370	50.748	ug/l	100
79) 2-Chlorotoluene	12.758	91	339643	51.100	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	415674	50.745	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	46687	59.565	ug/l	97
82) 4-Chlorotoluene	12.855	91	357293	51.723	ug/l	100
83) tert-Butylbenzene	13.075	119	354404	49.396	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	418781	51.490	ug/l	99
85) sec-Butylbenzene	13.251	105	538059	50.280	ug/l	99
86) p-Isopropyltoluene	13.367	119	453577	50.572	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	237444	51.853	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	237497	51.308	ug/l	99
89) n-Butylbenzene	13.696	91	423164	50.128	ug/l	97
90) Hexachloroethane	13.959	117	84256	52.526	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	220501	52.765	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	28792	62.257	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	137754	52.490	ug/l	99
94) Hexachlorobutadiene	15.111	225	68051	47.553	ug/l	98
95) Naphthalene	15.233	128	393144	60.475	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	129493	54.095	ug/l	99

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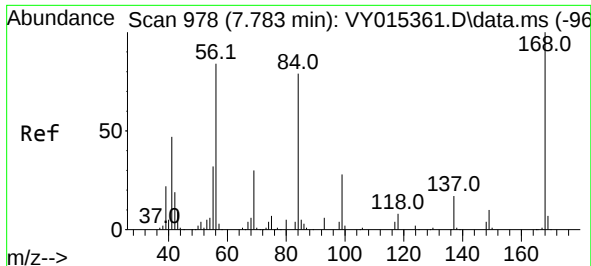
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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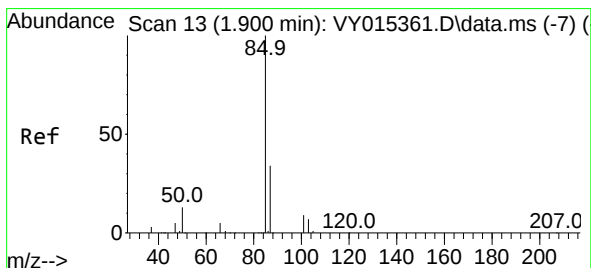
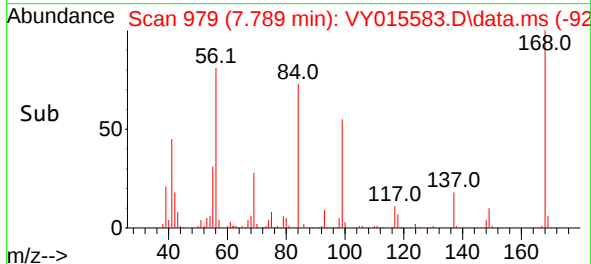
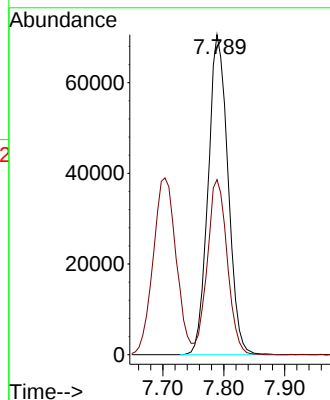
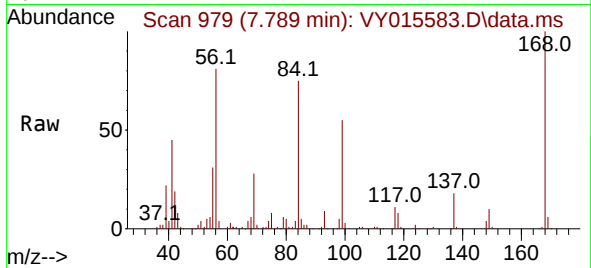




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015583.D
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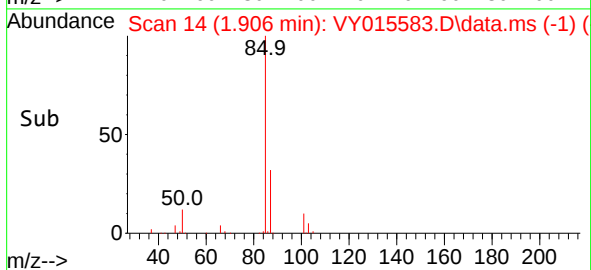
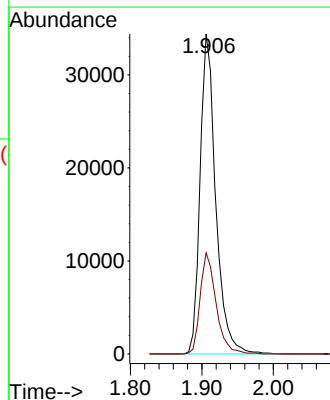
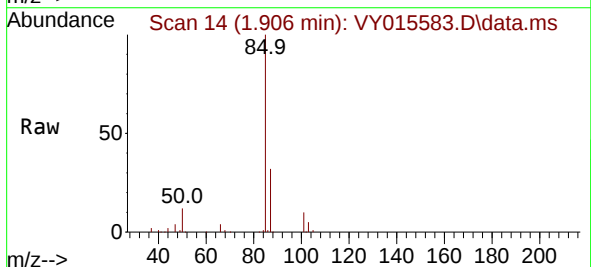
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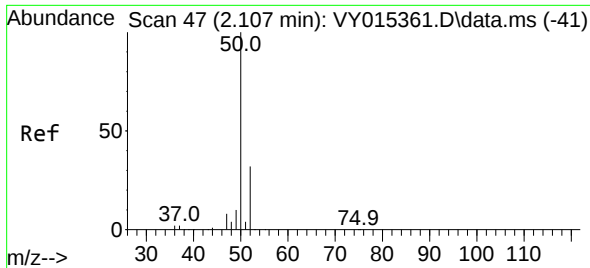
Tgt Ion:168 Resp: 159690
Ion Ratio Lower Upper
168 100
99 54.7 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 37.539 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015583.D
Acq: 15 Sep 2023 20:33

Tgt Ion: 85 Resp: 52109
Ion Ratio Lower Upper
85 100
87 31.6 15.6 46.8

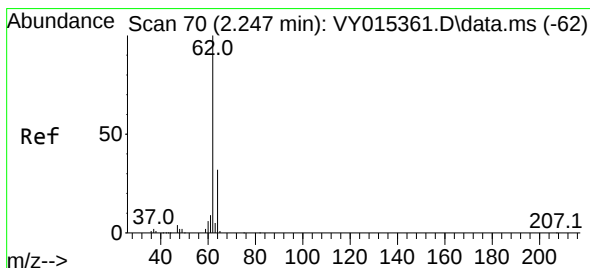
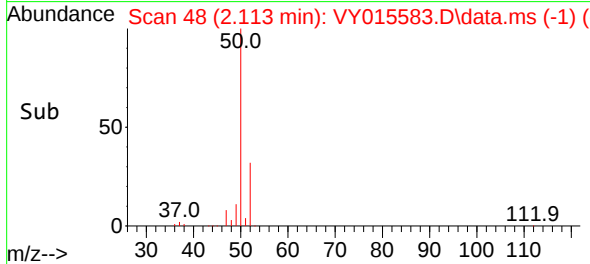
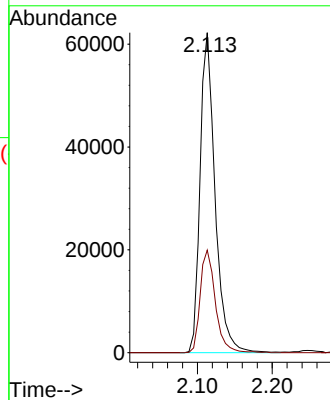
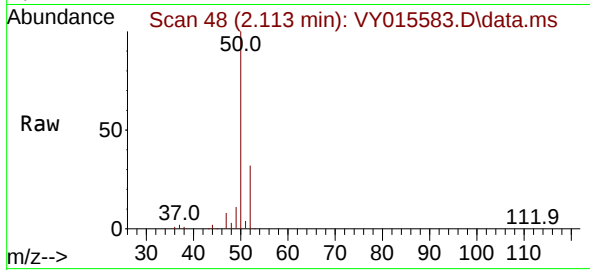




#3
Chloromethane
Concen: 46.948 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015583.D
Acq: 15 Sep 2023 20:33

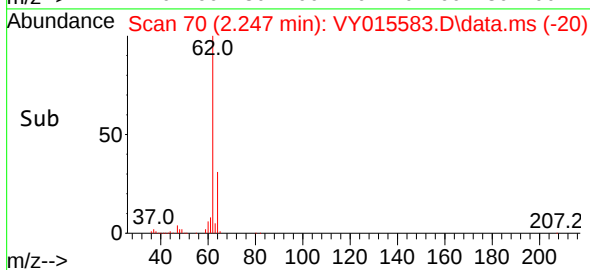
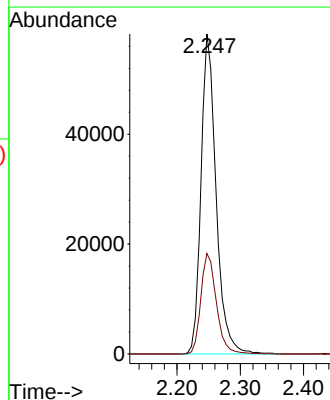
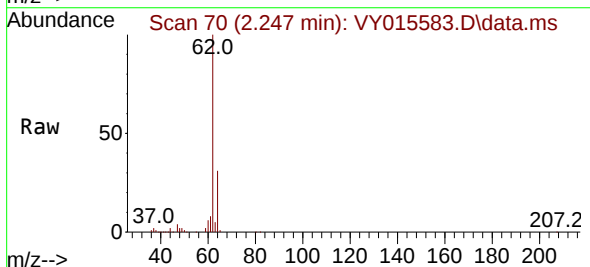
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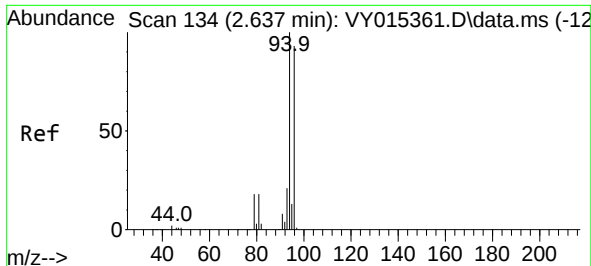
Tgt Ion: 50 Resp: 86549
Ion Ratio Lower Upper
50 100
52 32.0 25.4 38.2



#4
Vinyl Chloride
Concen: 44.959 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY015583.D
Acq: 15 Sep 2023 20:33

Tgt Ion: 62 Resp: 96472
Ion Ratio Lower Upper
62 100
64 31.4 24.3 36.5

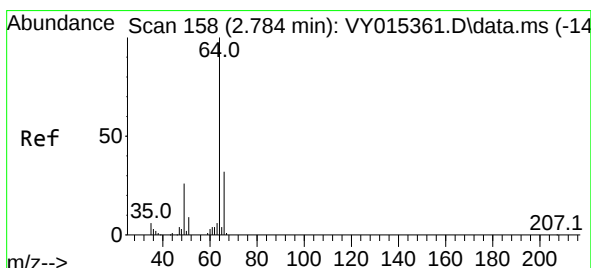
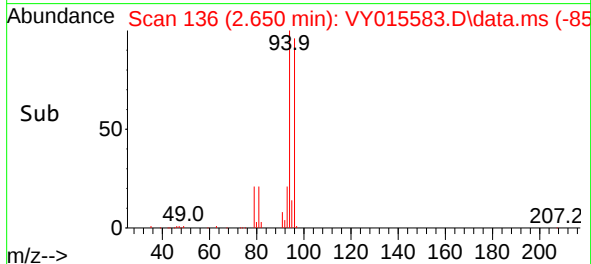
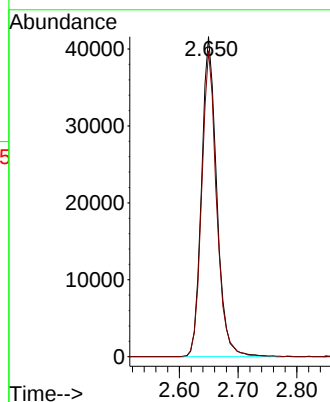
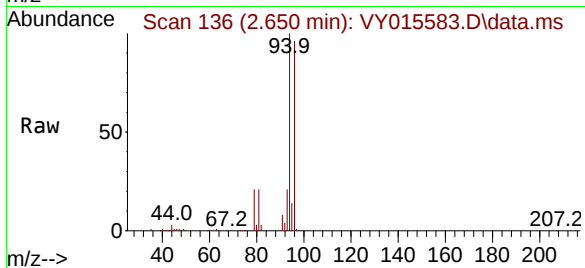




#5
Bromomethane
Concen: 48.966 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY015583.D
Acq: 15 Sep 2023 20:33

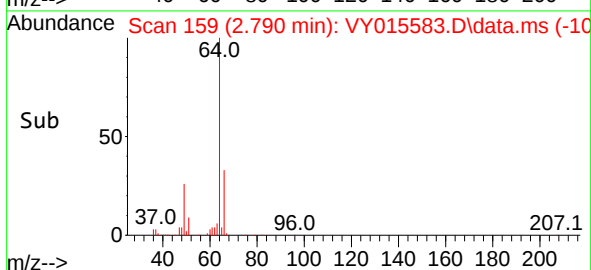
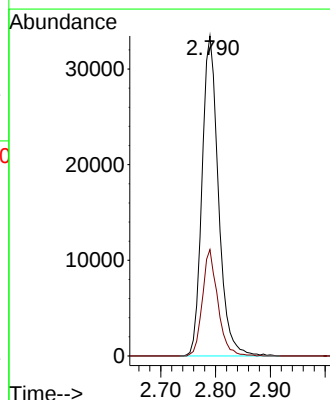
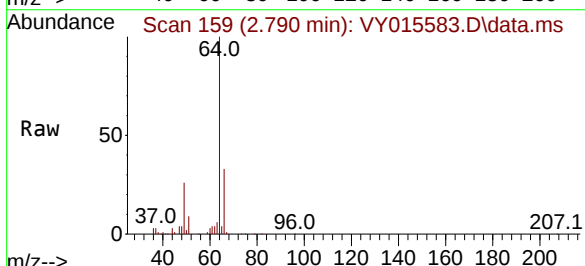
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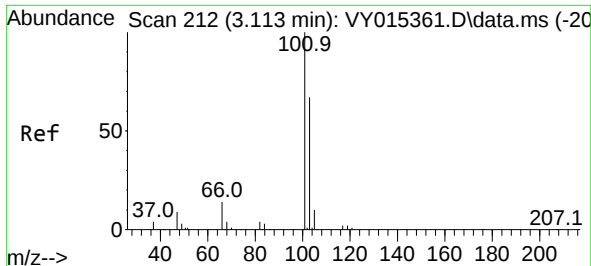
Tgt Ion: 94 Resp: 74761
Ion Ratio Lower Upper
94 100
96 95.6 75.8 113.6



#6
Chloroethane
Concen: 49.300 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY015583.D
Acq: 15 Sep 2023 20:33

Tgt Ion: 64 Resp: 69533
Ion Ratio Lower Upper
64 100
66 33.2 24.4 36.6

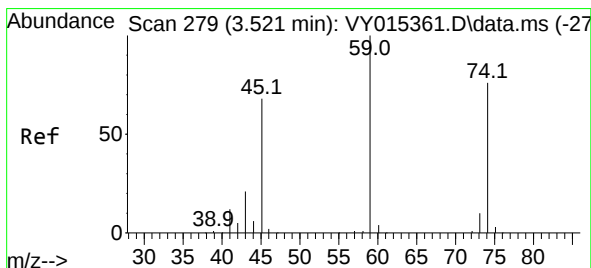
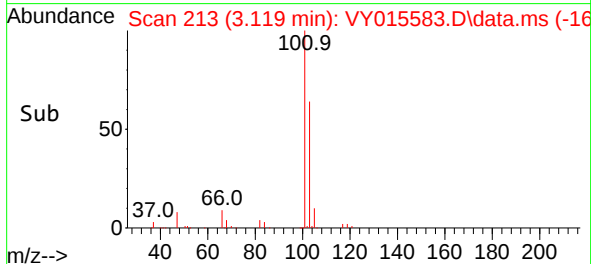
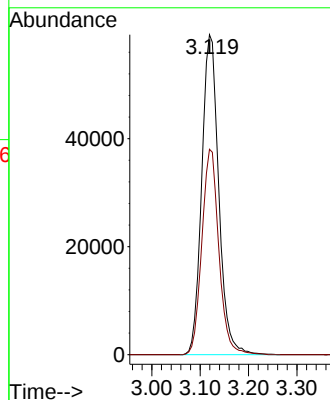
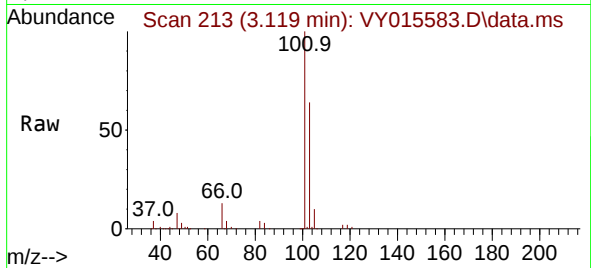




#7
 Trichlorofluoromethane
 Concen: 47.673 ug/l
 RT: 3.119 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY015583.D
 Acq: 15 Sep 2023 20:33

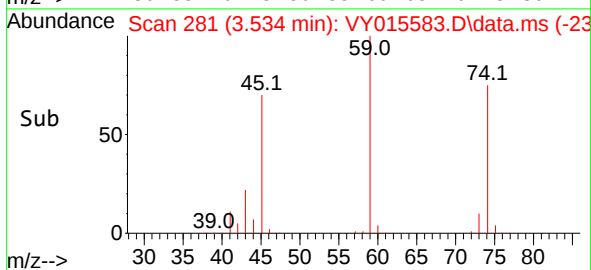
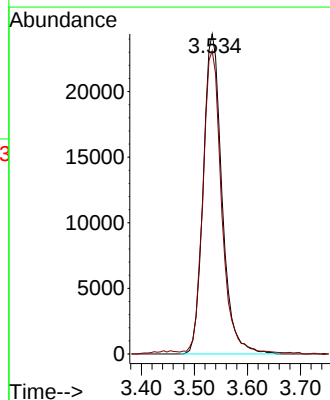
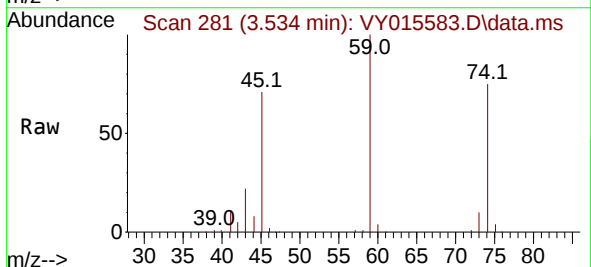
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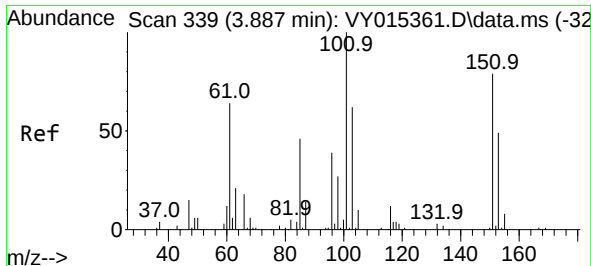
Tgt Ion:101 Resp: 144698
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.4 77.0



#8
 Diethyl Ether
 Concen: 57.450 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.012 min
 Lab File: VY015583.D
 Acq: 15 Sep 2023 20:33

Tgt Ion: 74 Resp: 59592
 Ion Ratio Lower Upper
 74 100
 45 93.7 51.5 154.5

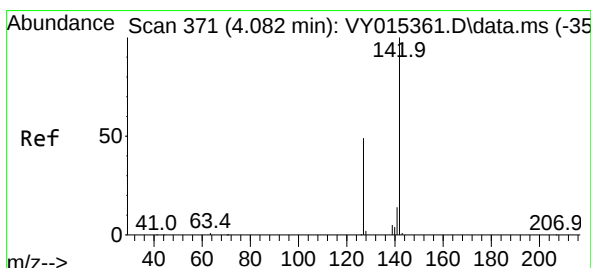
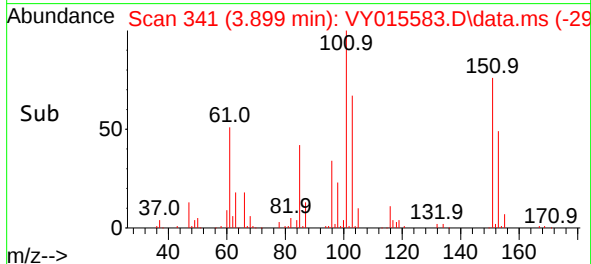
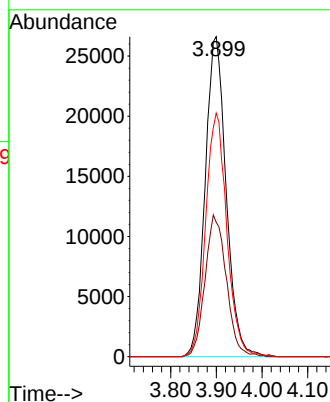
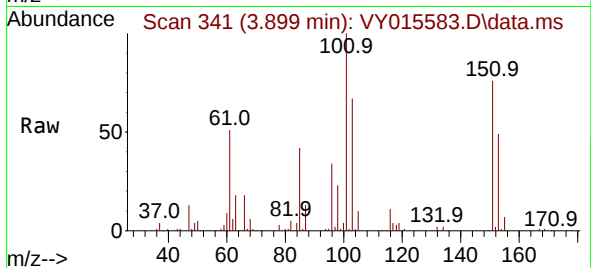




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.309 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY015583.D
Acq: 15 Sep 2023 20:33

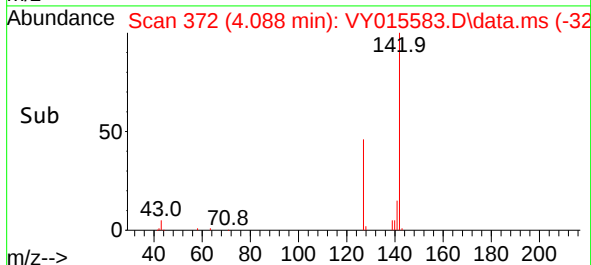
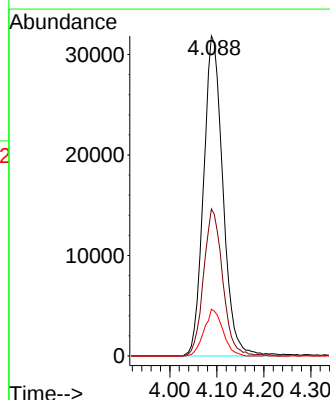
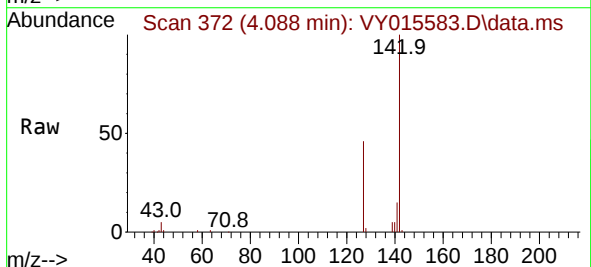
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

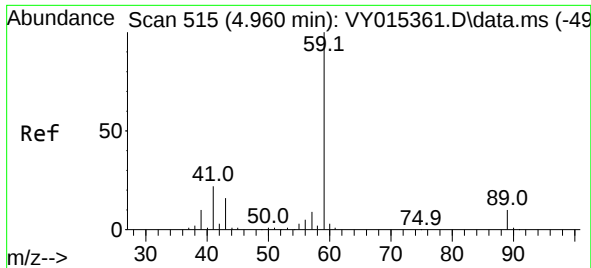
Tgt Ion:101 Resp: 84634
Ion Ratio Lower Upper
101 100
85 45.1 36.6 55.0
151 76.9 67.0 100.6



#10
Methyl Iodide
Concen: 46.201 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY015583.D
Acq: 15 Sep 2023 20:33

Tgt Ion:142 Resp: 91272
Ion Ratio Lower Upper
142 100
127 45.4 37.6 56.4
141 14.2 11.8 17.8

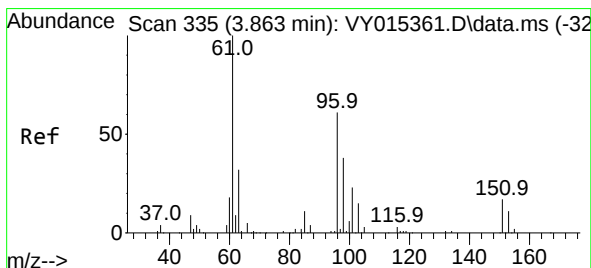
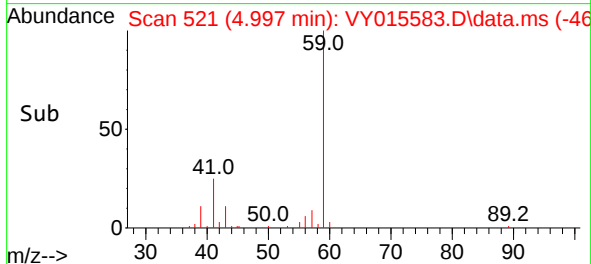
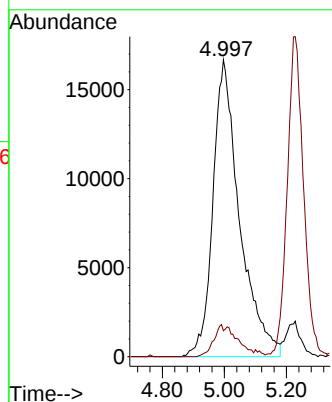
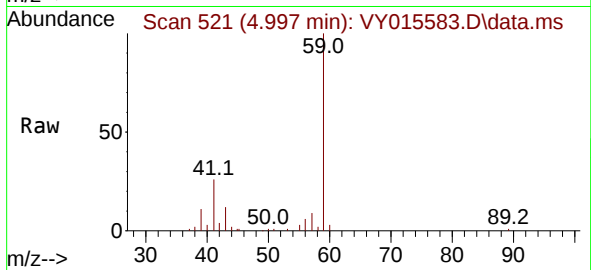




#11
Tert butyl alcohol
Concen: 265.638 ug/l
RT: 4.997 min Scan# 51
Delta R.T. 0.043 min
Lab File: VY015583.D
Acq: 15 Sep 2023 20:33

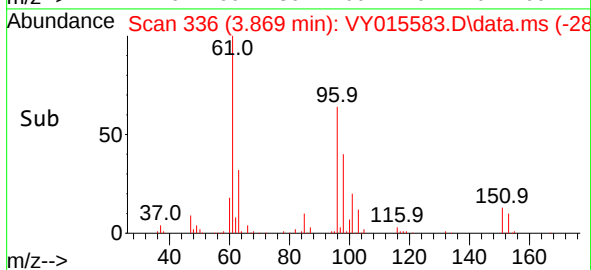
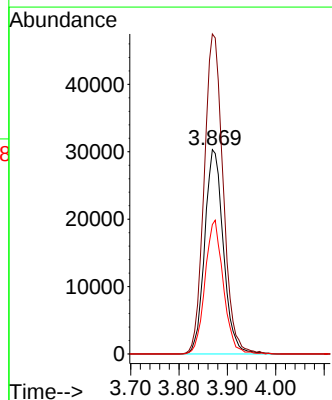
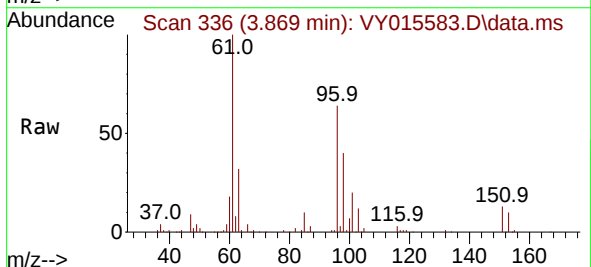
Instrument :
MSVOA_Y
ClientSampleId :
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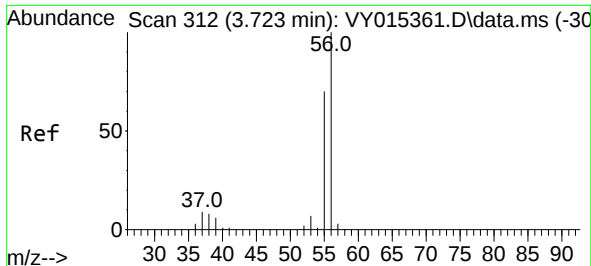
Tgt Ion: 59 Resp: 99344
Ion Ratio Lower Upper
59 100
57 4.0 3.0 4.4



#12
1,1-Dichloroethene
Concen: 51.341 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY015583.D
Acq: 15 Sep 2023 20:33

Tgt Ion: 96 Resp: 81500
Ion Ratio Lower Upper
96 100
61 156.6 136.4 204.6
98 63.3 49.4 74.2

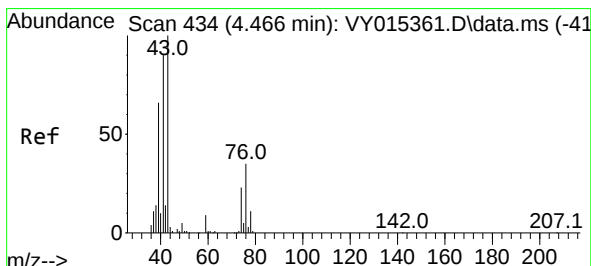
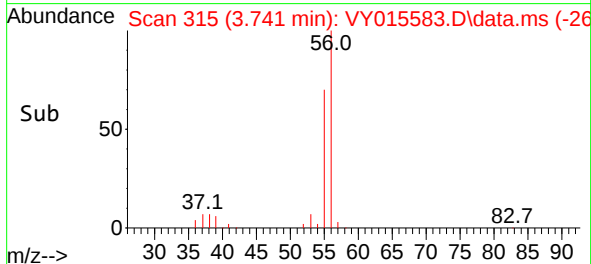
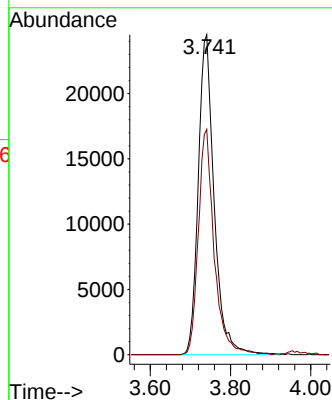
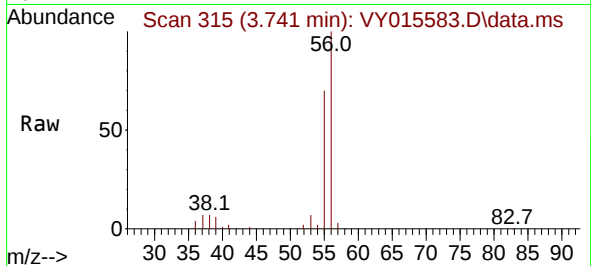




#13
Acrolein
Concen: 146.463 ug/l
RT: 3.741 min Scan# 312
Delta R.T. 0.018 min
Lab File: VY015583.D
Acq: 15 Sep 2023 20:33

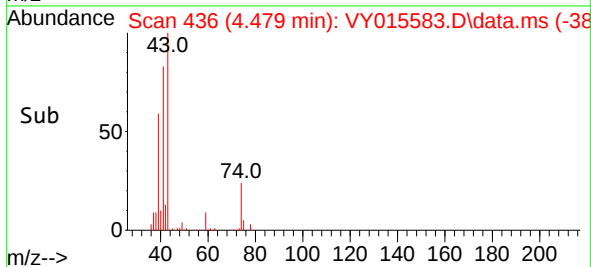
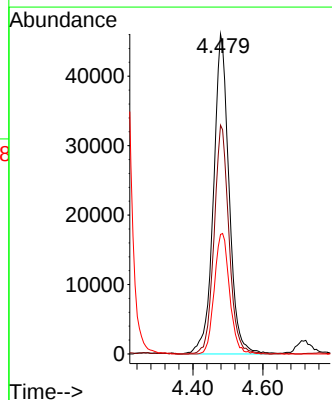
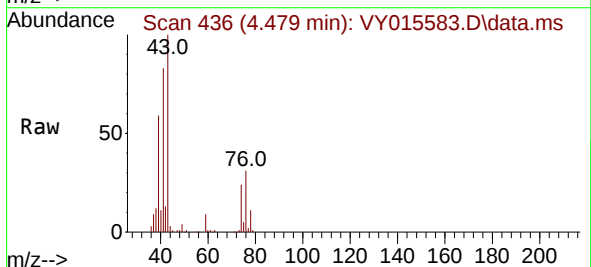
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

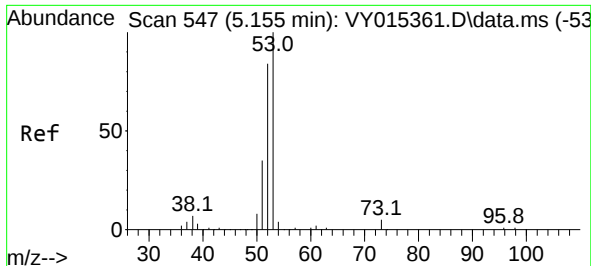
Tgt Ion: 56 Resp: 67249
Ion Ratio Lower Upper
56 100
55 70.1 57.0 85.4



#14
Allyl chloride
Concen: 56.421 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY015583.D
Acq: 15 Sep 2023 20:33

Tgt Ion: 41 Resp: 142600
Ion Ratio Lower Upper
41 100
39 68.3 58.0 87.0
76 36.9 27.4 41.2

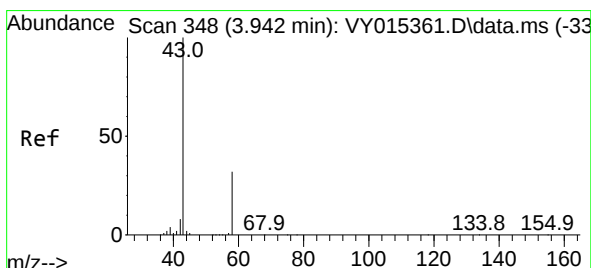
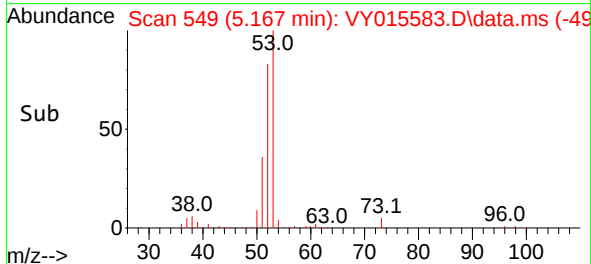
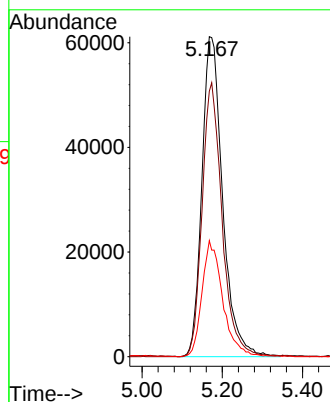
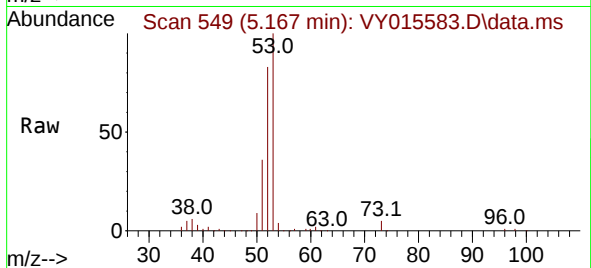




#15
Acrylonitrile
Concen: 337.166 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY015583.D
Acq: 15 Sep 2023 20:33

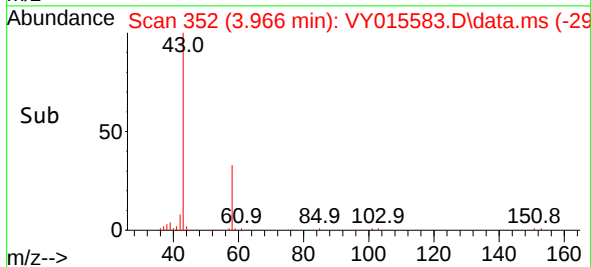
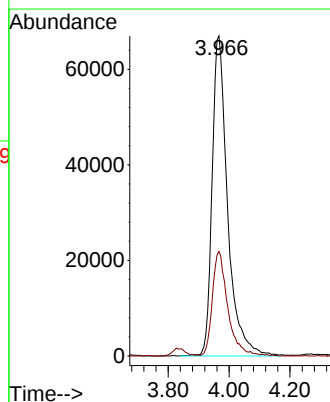
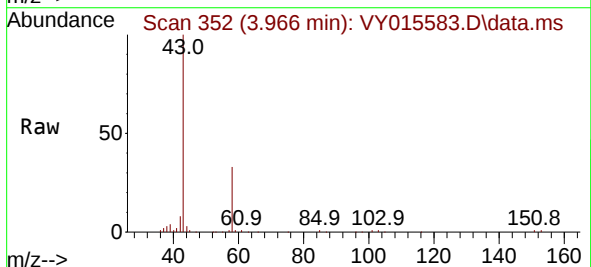
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

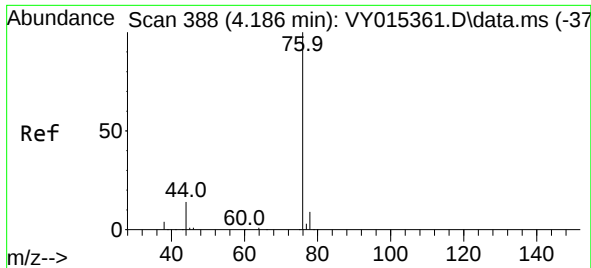
Tgt Ion: 53 Resp: 220074
Ion Ratio Lower Upper
53 100
52 82.4 66.9 100.3
51 36.2 29.8 44.6



#16
Acetone
Concen: 330.689 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.024 min
Lab File: VY015583.D
Acq: 15 Sep 2023 20:33

Tgt Ion: 43 Resp: 236284
Ion Ratio Lower Upper
43 100
58 32.7 22.7 34.1

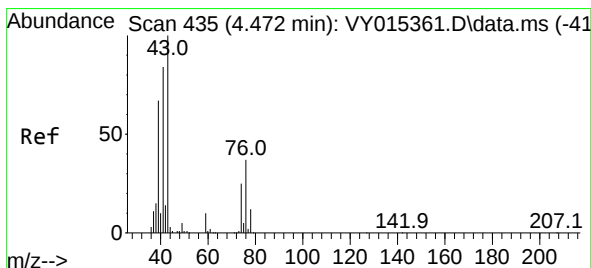
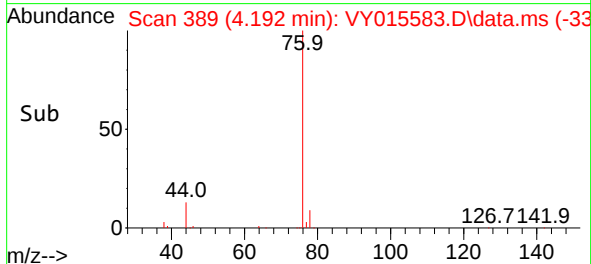
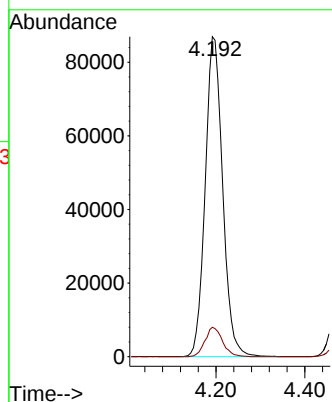
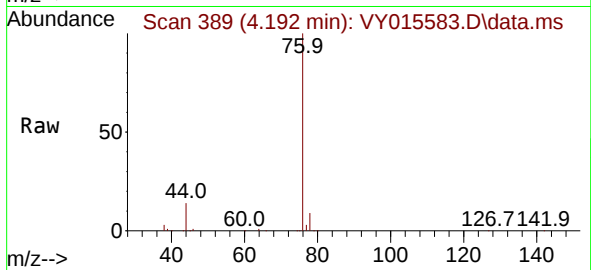




#17
Carbon Disulfide
Concen: 50.120 ug/l
RT: 4.192 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY015583.D
Acq: 15 Sep 2023 20:33

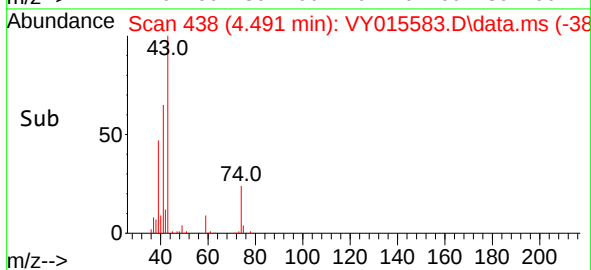
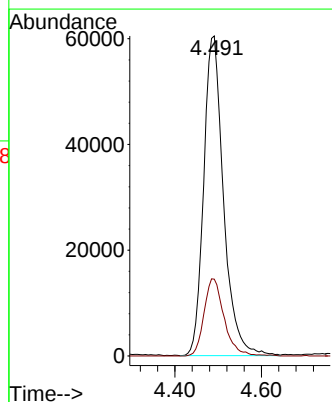
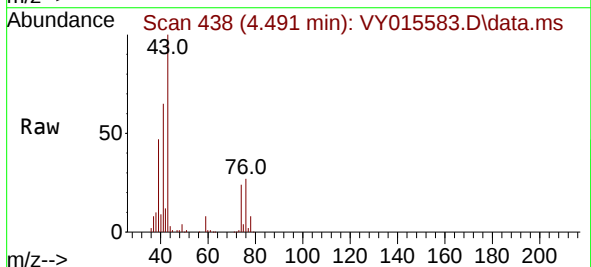
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 237855
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4



#18
Methyl Acetate
Concen: 74.303 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.018 min
Lab File: VY015583.D
Acq: 15 Sep 2023 20:33

Tgt Ion: 43 Resp: 192296
Ion Ratio Lower Upper
43 100
74 24.4 17.4 26.0

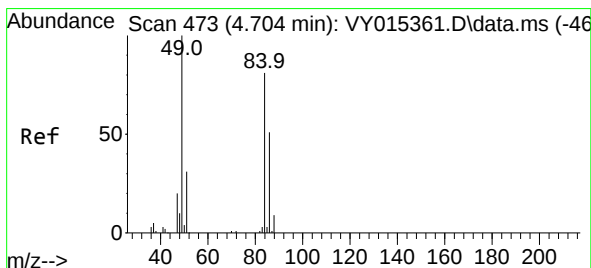
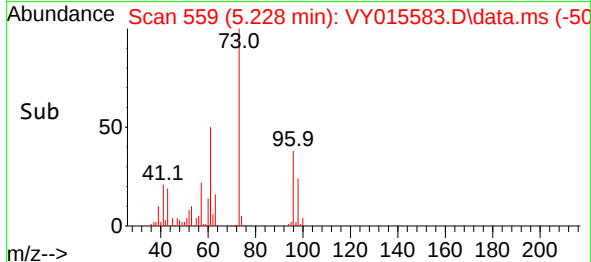
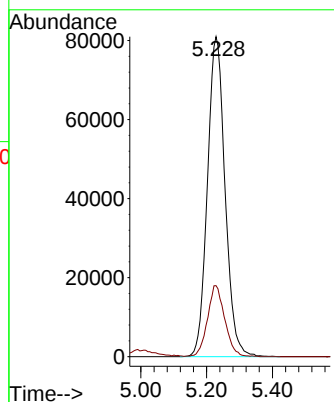
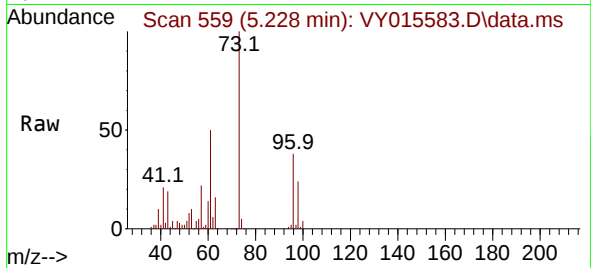




#19
Methyl tert-butyl Ether
Concen: 58.413 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY015583.D
Acq: 15 Sep 2023 20:33

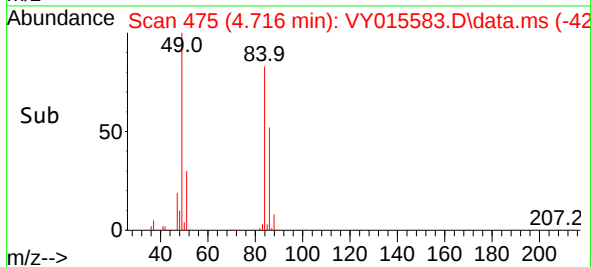
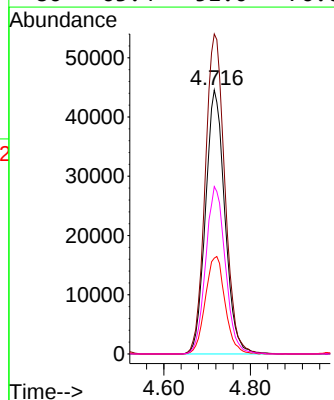
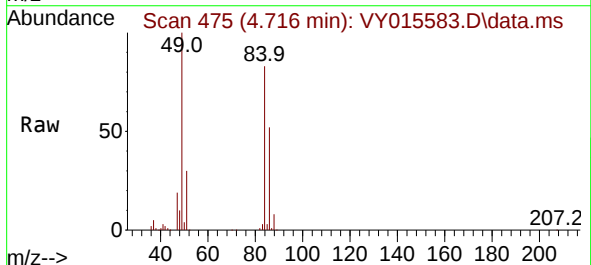
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

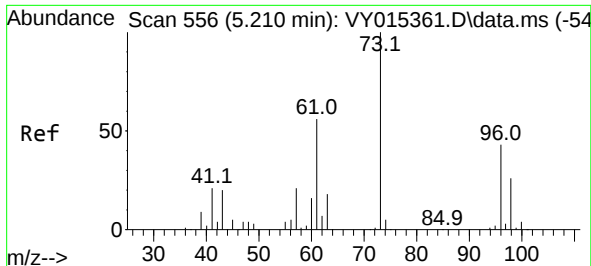
Tgt Ion: 73 Resp: 301373
Ion Ratio Lower Upper
73 100
57 22.2 17.3 25.9



#20
Methylene Chloride
Concen: 62.611 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY015583.D
Acq: 15 Sep 2023 20:33

Tgt Ion: 84 Resp: 138152
Ion Ratio Lower Upper
84 100
49 121.2 106.9 160.3
51 36.3 33.2 49.8
86 63.4 51.0 76.6

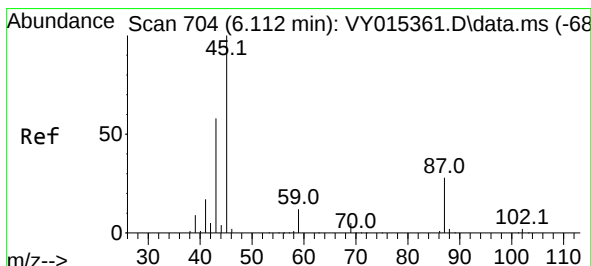
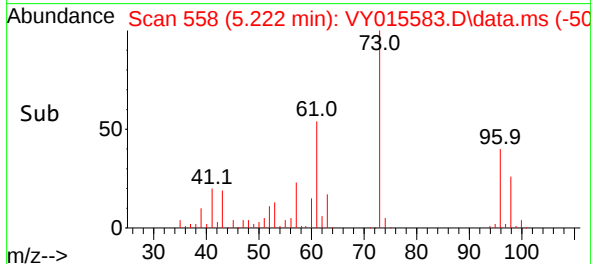
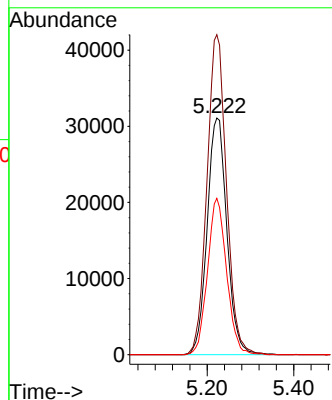
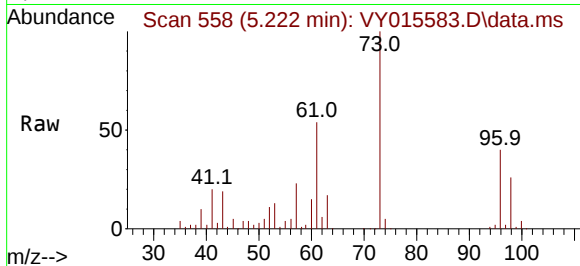




#21
trans-1,2-Dichloroethene
Concen: 53.883 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY015583.D
Acq: 15 Sep 2023 20:33

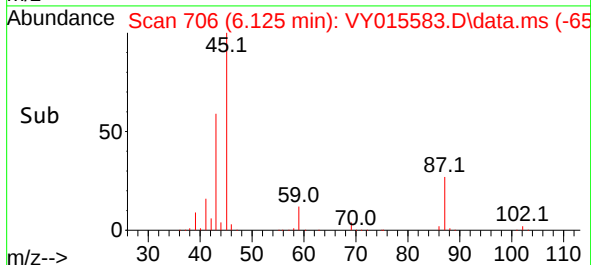
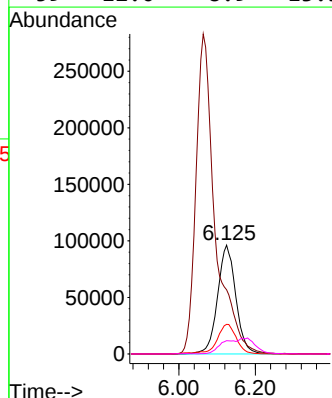
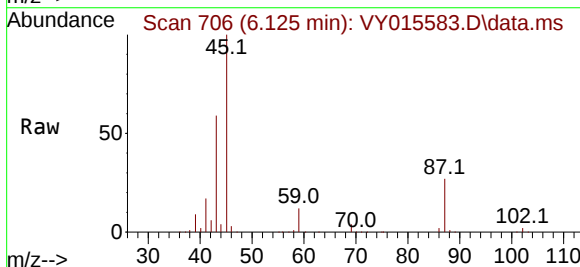
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

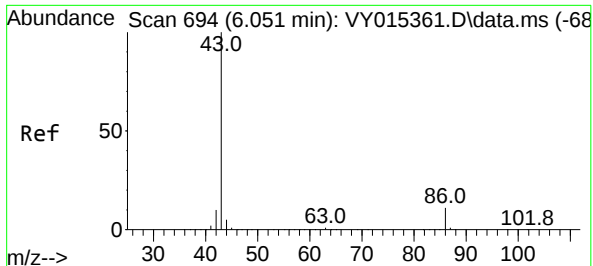
Tgt Ion: 96 Resp: 98496
Ion Ratio Lower Upper
96 100
61 135.2 110.2 165.4
98 66.1 51.8 77.6



#22
Diisopropyl ether
Concen: 57.652 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.012 min
Lab File: VY015583.D
Acq: 15 Sep 2023 20:33

Tgt Ion: 45 Resp: 318683
Ion Ratio Lower Upper
45 100
43 58.7 52.2 78.4
87 27.2 21.0 31.6
59 12.0 8.9 13.3

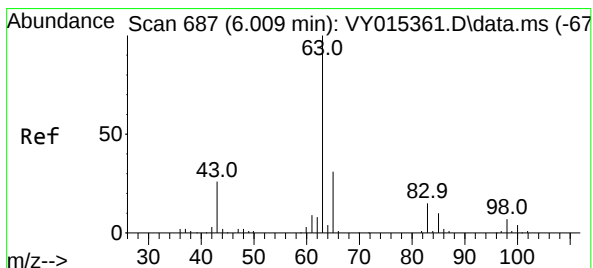
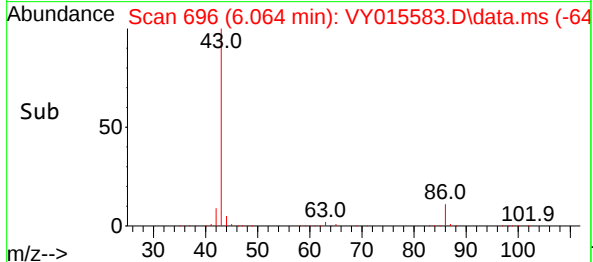
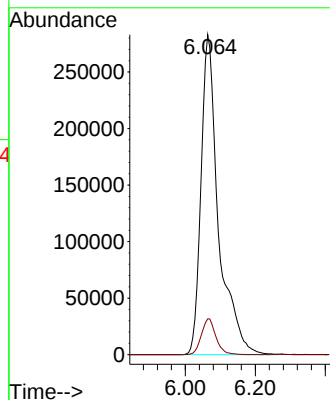
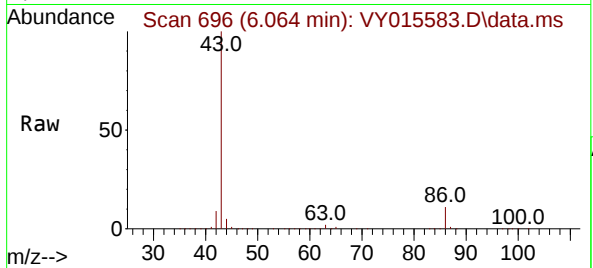




#23
 Vinyl Acetate
 Concen: 281.435 ug/l
 RT: 6.064 min Scan# 694
 Delta R.T. 0.012 min
 Lab File: VY015583.D
 Acq: 15 Sep 2023 20:33

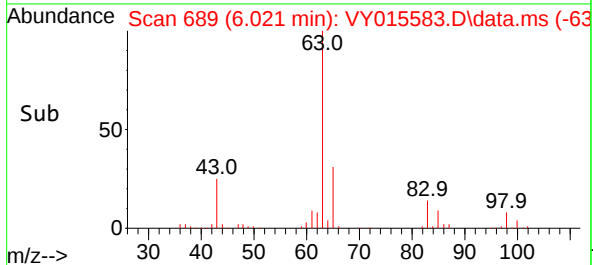
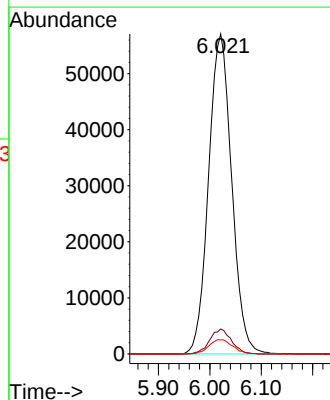
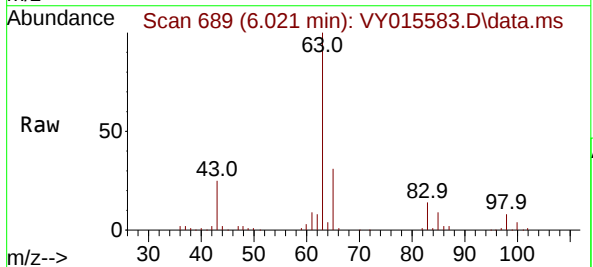
Instrument :
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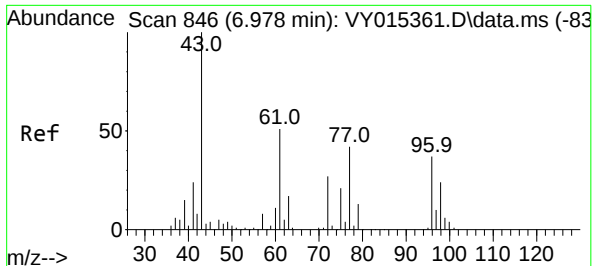
Tgt Ion: 43 Resp: 982230
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 55.683 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.018 min
 Lab File: VY015583.D
 Acq: 15 Sep 2023 20:33

Tgt Ion: 63 Resp: 177931
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.1 9.4
 100 4.4 1.8 5.5





#25

2-Butanone

Concen: 339.833 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY015583.D

Acq: 15 Sep 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :

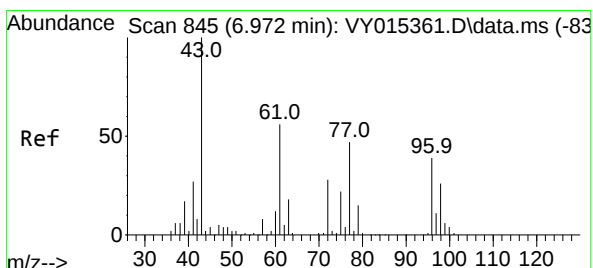
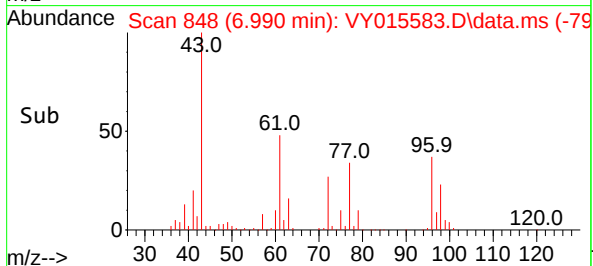
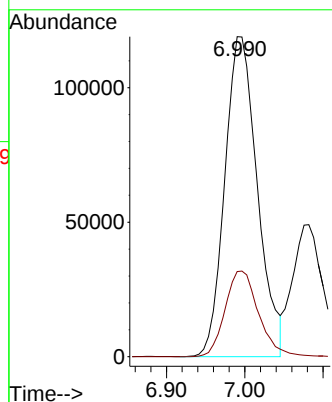
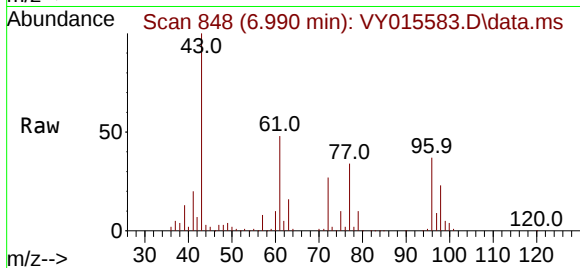
VSTDCCC050EC

Tgt Ion: 43 Resp: 344395

Ion Ratio Lower Upper

43 100

72 26.6 20.5 30.7



#26

2,2-Dichloropropane

Concen: 49.910 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.012 min

Lab File: VY015583.D

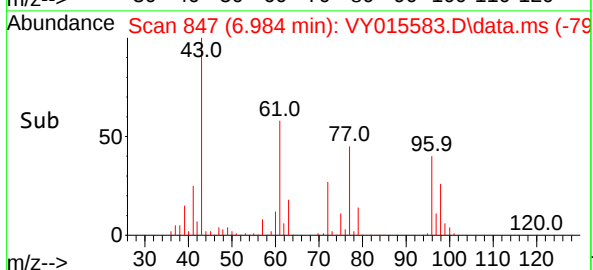
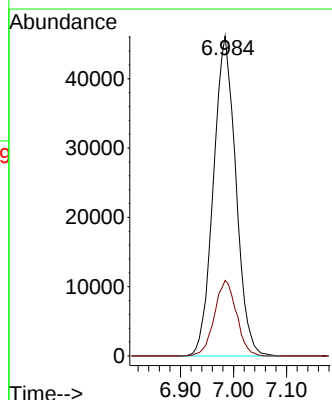
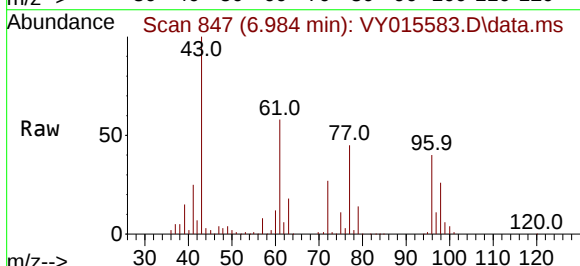
Acq: 15 Sep 2023 20:33

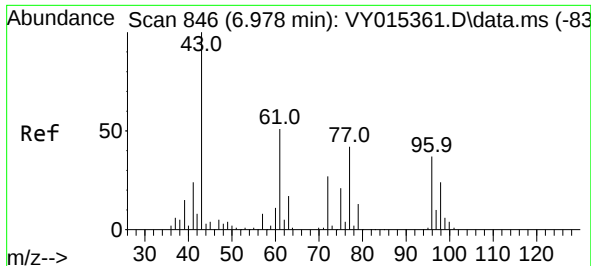
Tgt Ion: 77 Resp: 135456

Ion Ratio Lower Upper

77 100

97 23.3 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 56.132 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY015583.D

Acq: 15 Sep 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

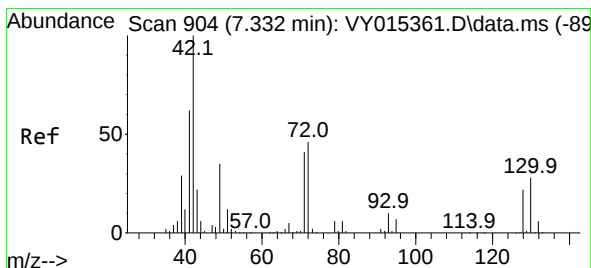
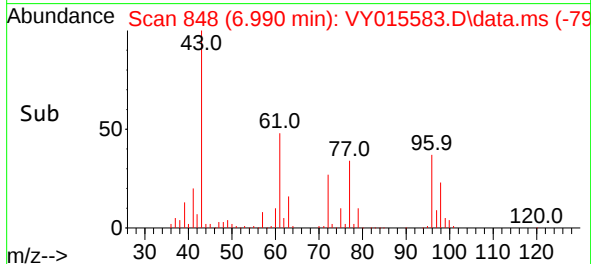
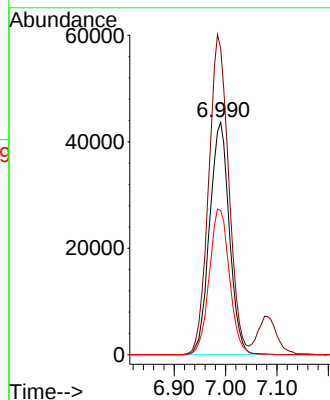
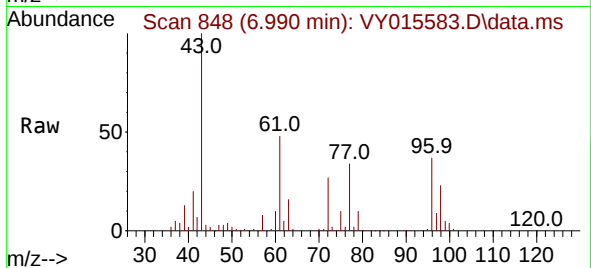
Tgt Ion: 96 Resp: 116402

Ion Ratio Lower Upper

96 100

61 139.8 0.0 301.4

98 64.1 0.0 130.4



#28

Bromochloromethane

Concen: 45.927 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.012 min

Lab File: VY015583.D

Acq: 15 Sep 2023 20:33

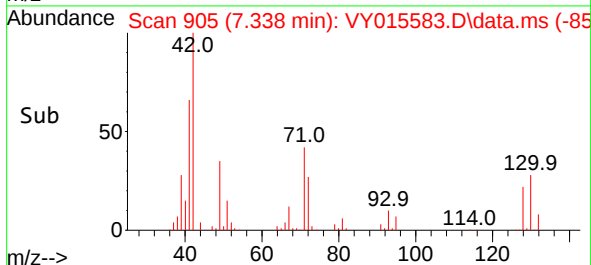
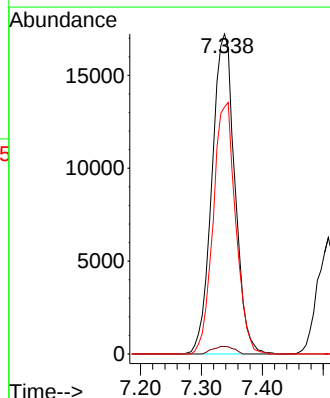
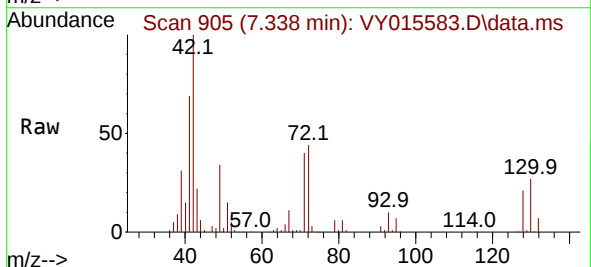
Tgt Ion: 49 Resp: 45004

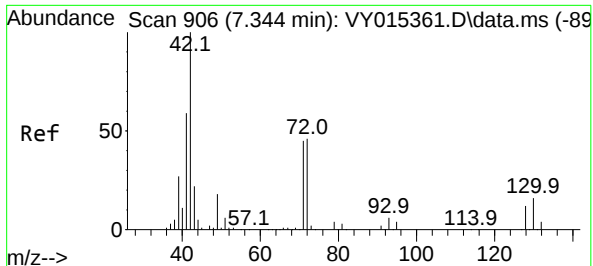
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 77.1 60.7 91.1





#29

Tetrahydrofuran

Concen: 347.805 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY015583.D

Acq: 15 Sep 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

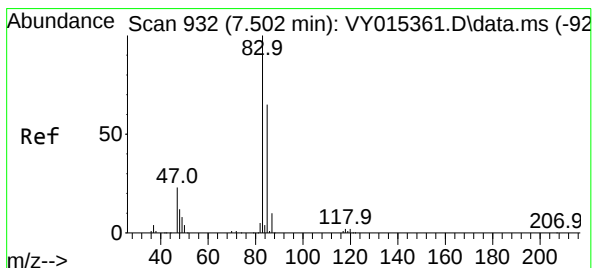
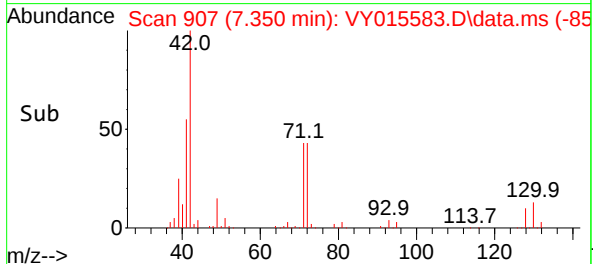
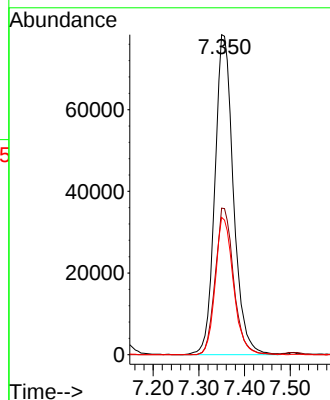
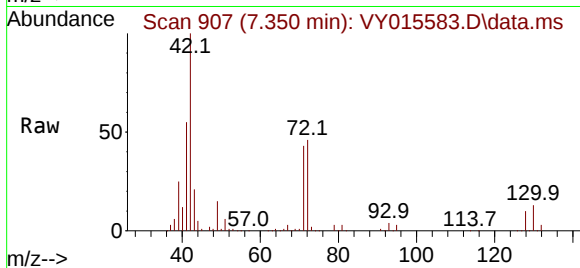
Tgt Ion: 42 Resp: 221345

Ion Ratio Lower Upper

42 100

72 45.1 32.8 49.2

71 41.8 31.0 46.4



#30

Chloroform

Concen: 56.089 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.012 min

Lab File: VY015583.D

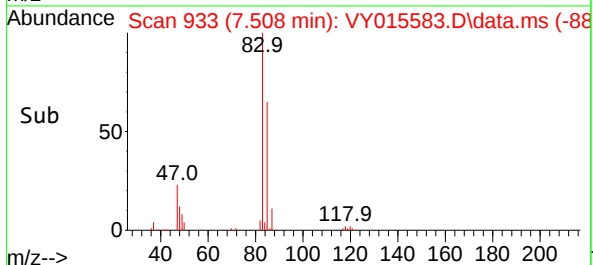
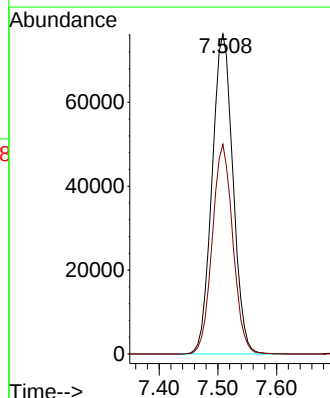
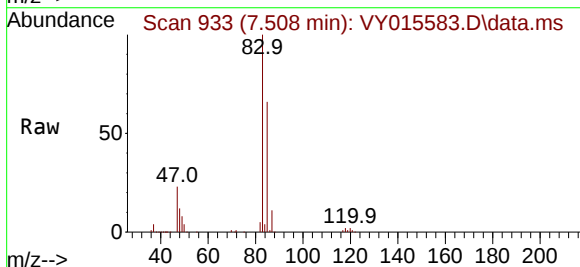
Acq: 15 Sep 2023 20:33

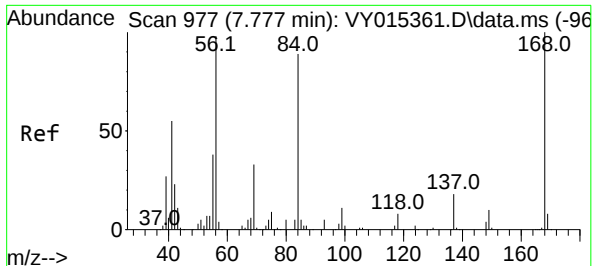
Tgt Ion: 83 Resp: 188411

Ion Ratio Lower Upper

83 100

85 65.5 49.7 74.5

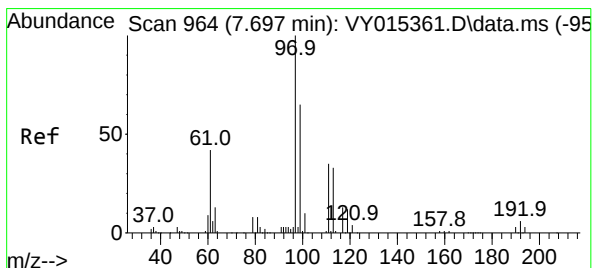
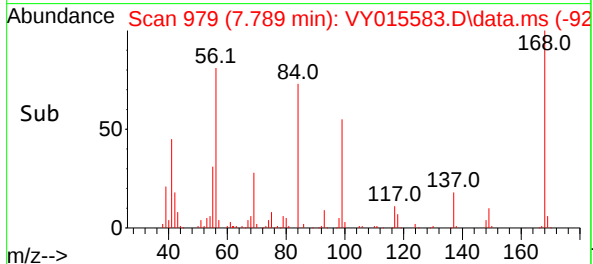
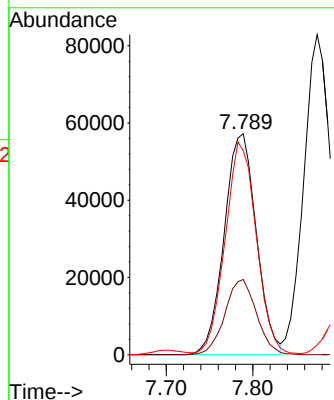
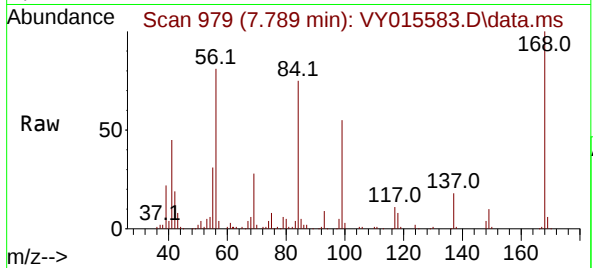




#31
Cyclohexane
Concen: 48.486 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015583.D
Acq: 15 Sep 2023 20:33

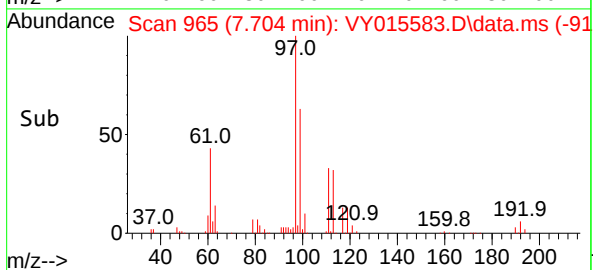
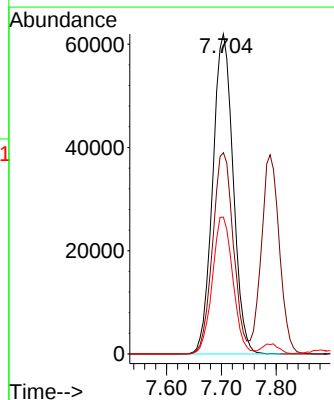
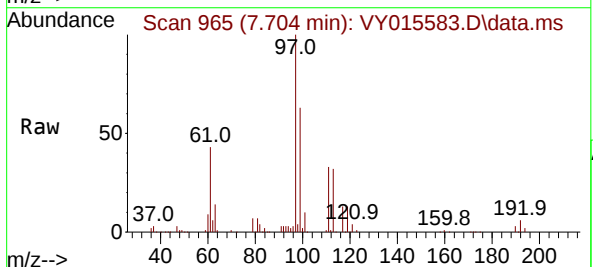
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

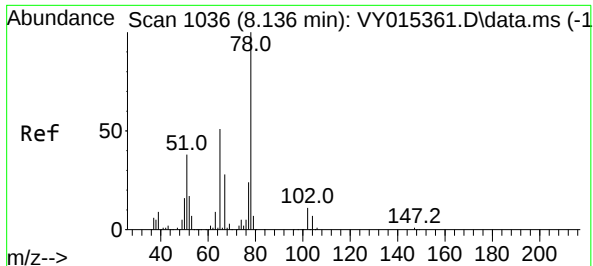
Tgt Ion: 56 Resp: 147436
Ion Ratio Lower Upper
56 100
69 34.1 27.8 41.6
84 90.9 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 53.414 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.012 min
Lab File: VY015583.D
Acq: 15 Sep 2023 20:33

Tgt Ion: 97 Resp: 160262
Ion Ratio Lower Upper
97 100
99 63.8 50.8 76.2
61 43.2 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 48.997 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY015583.D

Acq: 15 Sep 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :

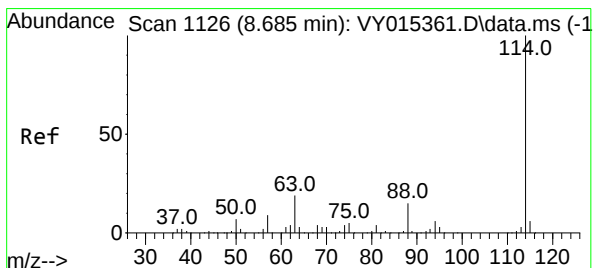
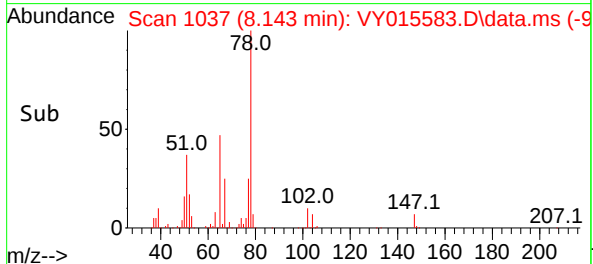
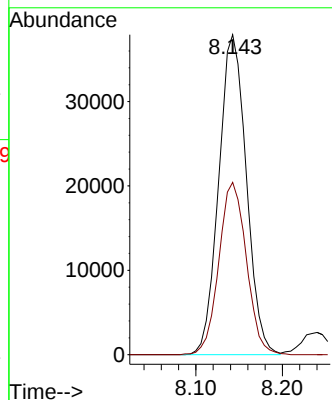
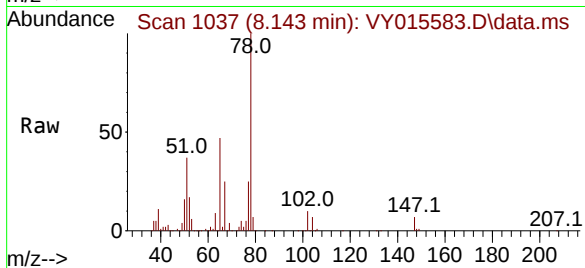
VSTDCCC050EC

Tgt Ion: 65 Resp: 83876

Ion Ratio Lower Upper

65 100

67 53.7 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: VY015583.D

Acq: 15 Sep 2023 20:33

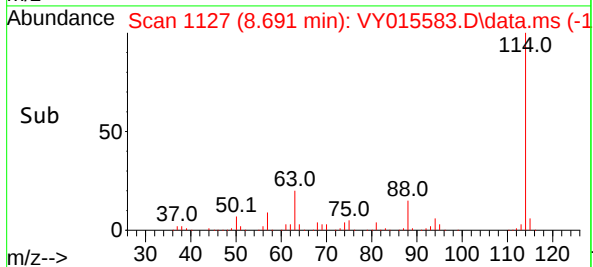
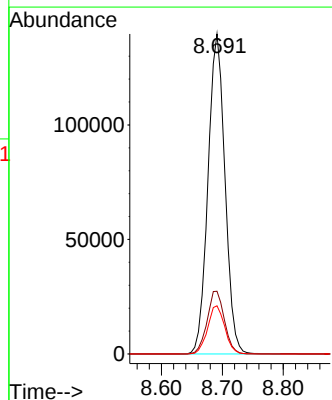
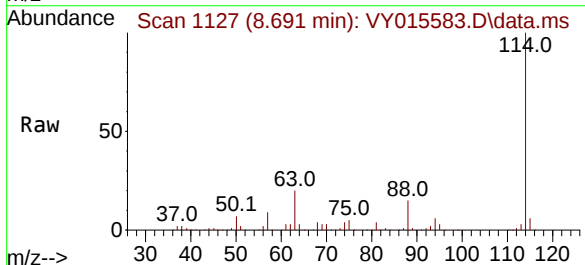
Tgt Ion: 114 Resp: 270750

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

88 15.0 0.0 30.6

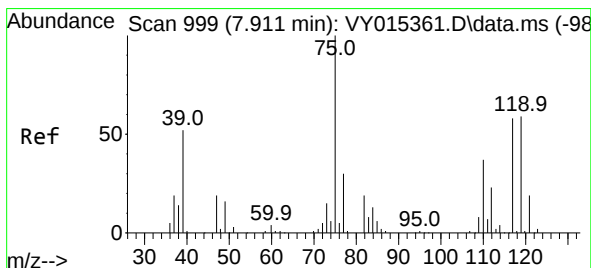
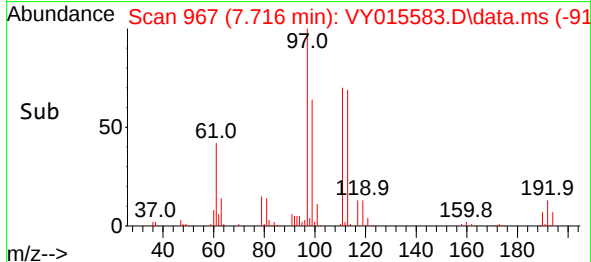
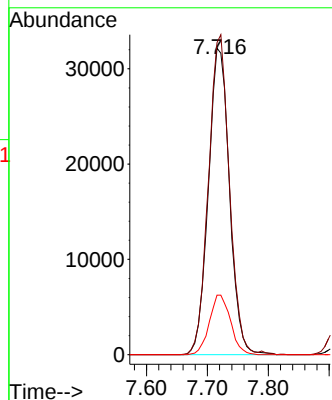
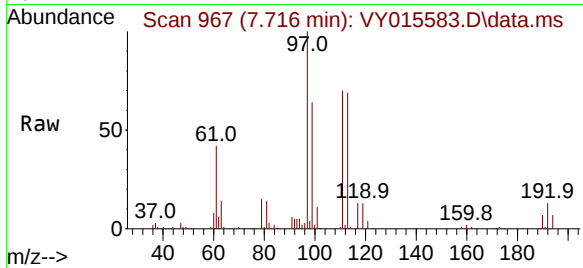




#35
Dibromofluoromethane
Concen: 49.734 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015583.D
Acq: 15 Sep 2023 20:33

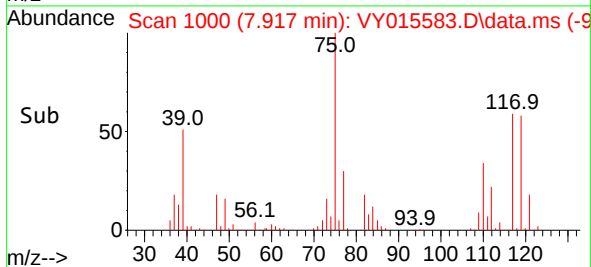
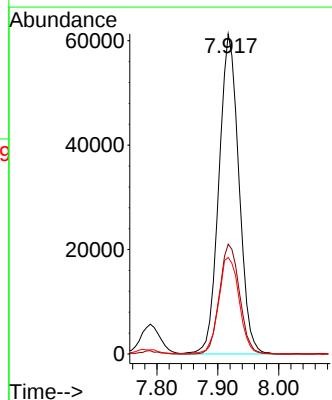
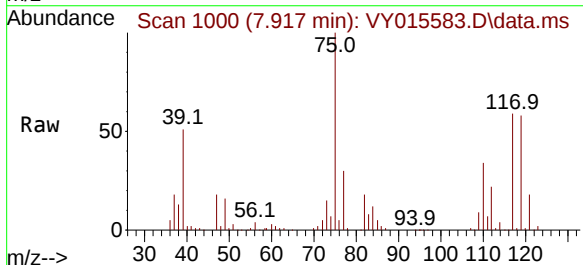
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

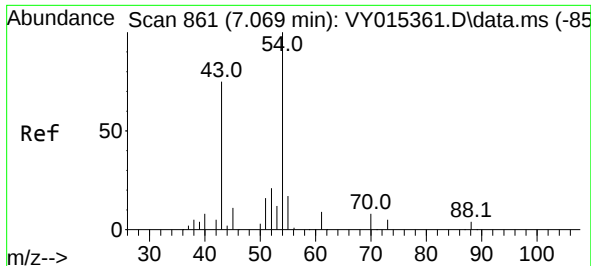
Tgt Ion:113 Resp: 77558
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 50.924 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY015583.D
Acq: 15 Sep 2023 20:33

Tgt Ion: 75 Resp: 139443
Ion Ratio Lower Upper
75 100
110 34.5 17.8 53.5
77 31.2 24.4 36.6





#37

Ethyl Acetate

Concen: 64.293 ug/l

RT: 7.082 min Scan# 8

Delta R.T. 0.018 min

Lab File: VY015583.D

Acq: 15 Sep 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

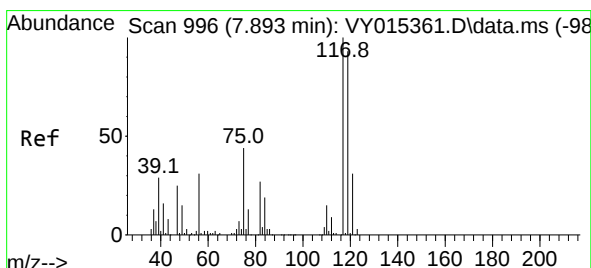
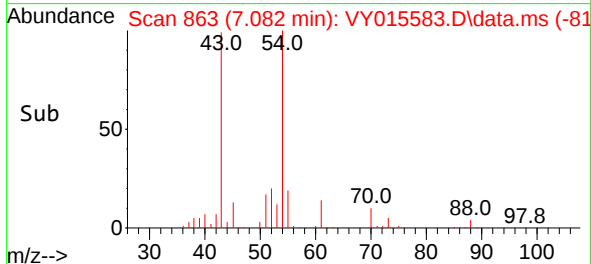
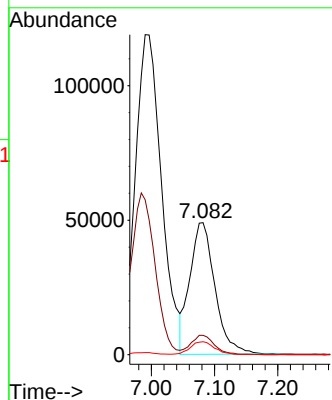
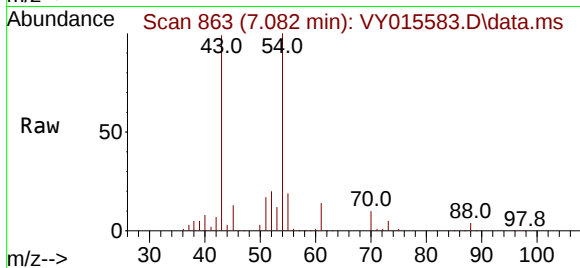
Tgt Ion: 43 Resp: 135778

Ion Ratio Lower Upper

43 100

61 14.0 10.1 15.1

70 9.7 7.1 10.7



#38

Carbon Tetrachloride

Concen: 50.033 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.006 min

Lab File: VY015583.D

Acq: 15 Sep 2023 20:33

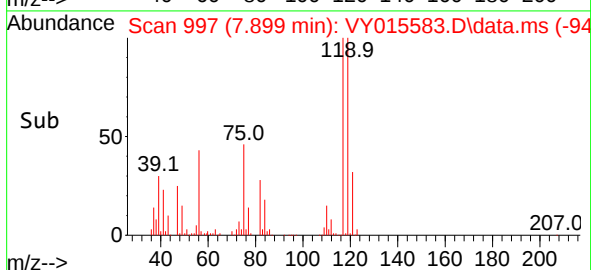
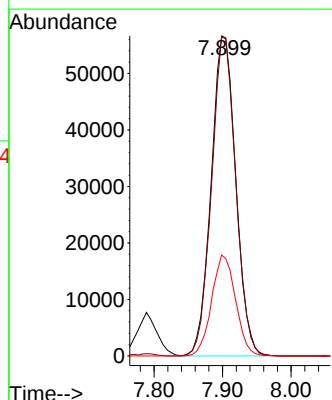
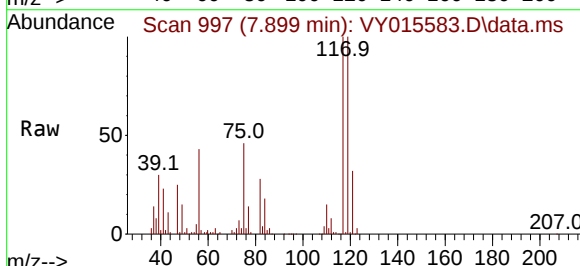
Tgt Ion:117 Resp: 141498

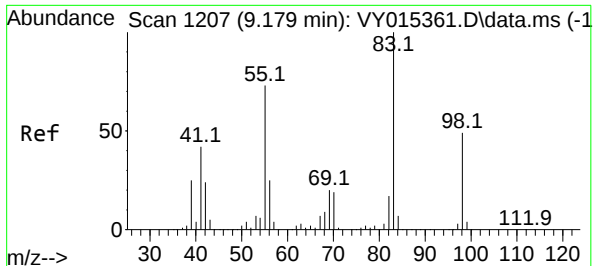
Ion Ratio Lower Upper

117 100

119 99.6 76.4 114.6

121 31.5 25.8 38.6





#39

Methylcyclohexane

Concen: 48.751 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015583.D

Acq: 15 Sep 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

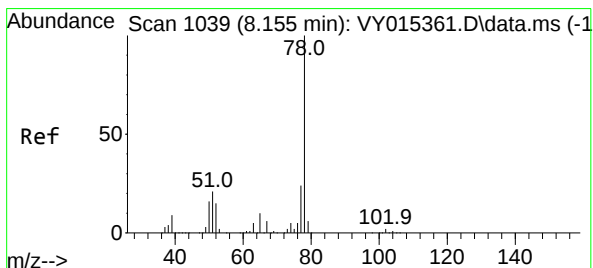
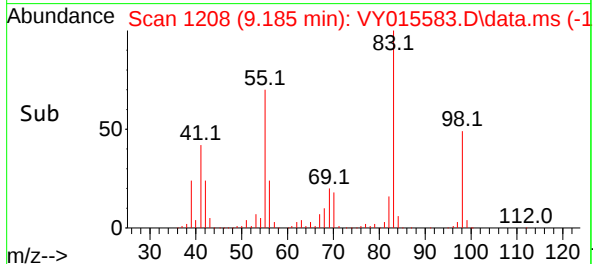
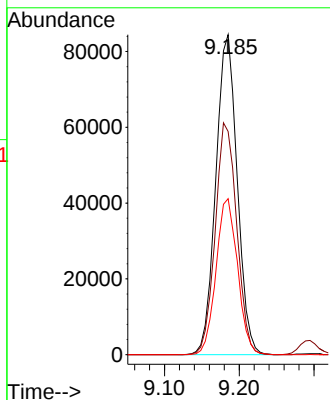
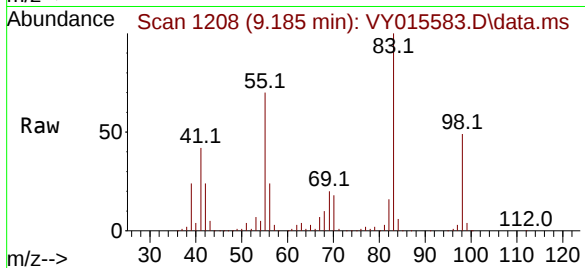
Tgt Ion: 83 Resp: 168058

Ion Ratio Lower Upper

83 100

55 69.8 63.0 94.4

98 48.7 37.4 56.2



#40

Benzene

Concen: 52.929 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.012 min

Lab File: VY015583.D

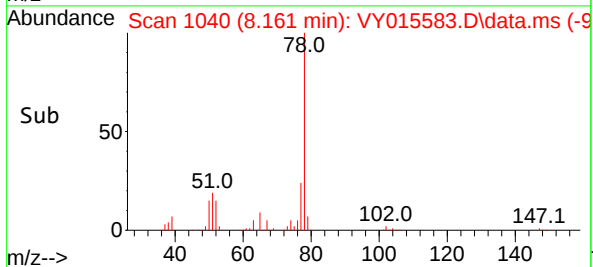
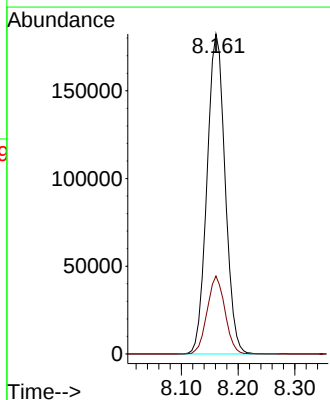
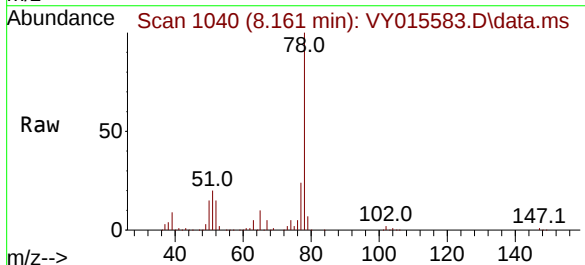
Acq: 15 Sep 2023 20:33

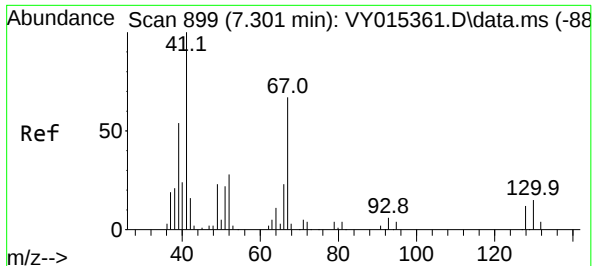
Tgt Ion: 78 Resp: 404361

Ion Ratio Lower Upper

78 100

77 24.3 19.0 28.6

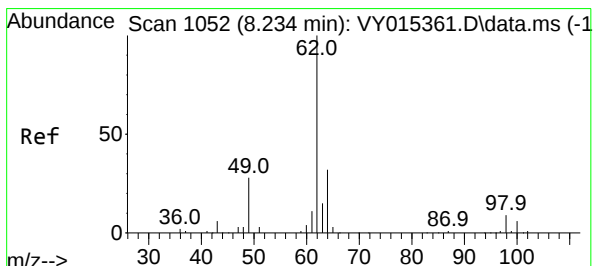
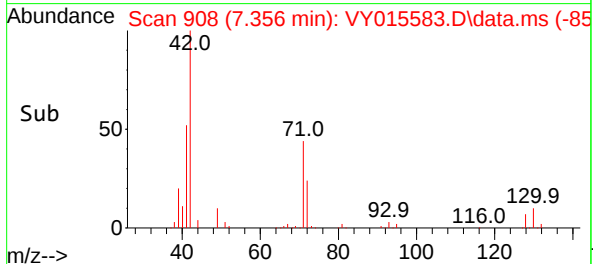
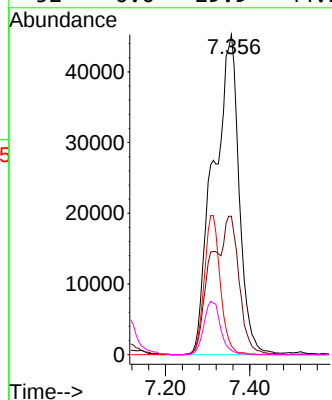
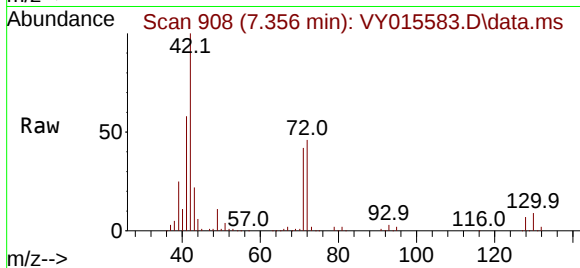




#41
Methacrylonitrile
Concen: 191.927 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.043 min
Lab File: VY015583.D
Acq: 15 Sep 2023 20:33

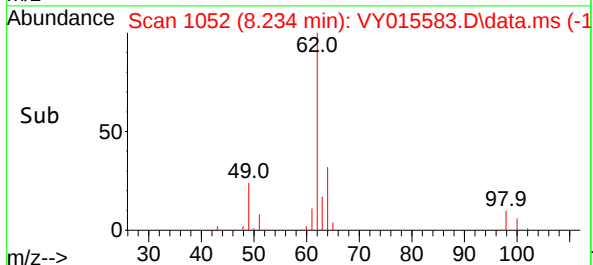
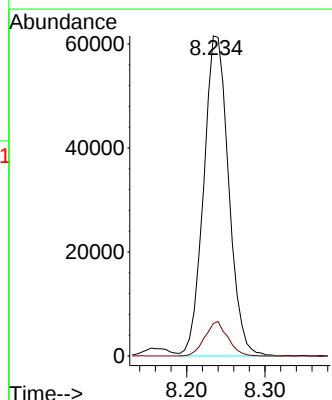
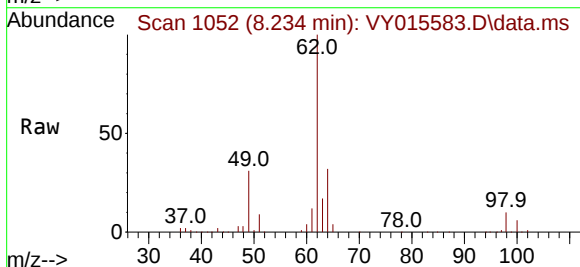
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

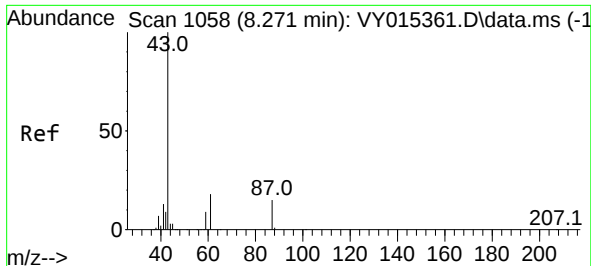
Tgt Ion: 41 Resp: 190072
Ion Ratio Lower Upper
41 100
39 26.5 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 53.459 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015583.D
Acq: 15 Sep 2023 20:33

Tgt Ion: 62 Resp: 136186
Ion Ratio Lower Upper
62 100
98 9.8 0.0 15.8

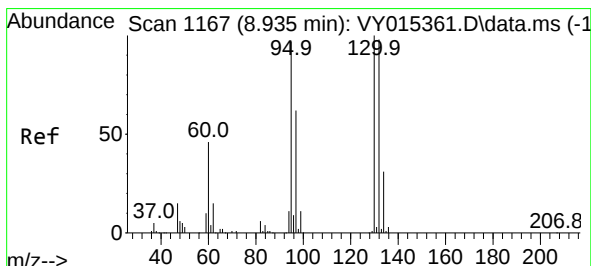
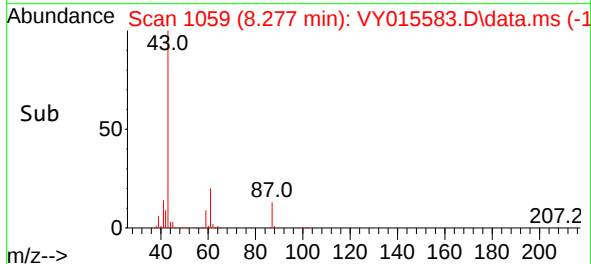
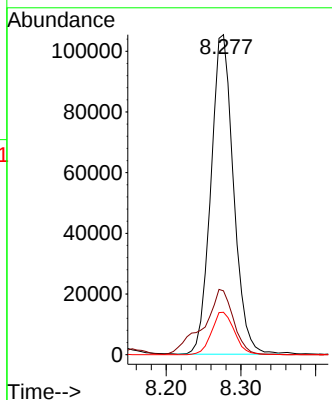
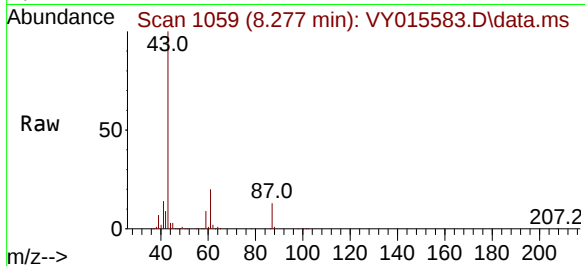




#43
Isopropyl Acetate
Concen: 60.816 ug/l
RT: 8.277 min Scan# 1105
Delta R.T. 0.012 min
Lab File: VY015583.D
Acq: 15 Sep 2023 20:33

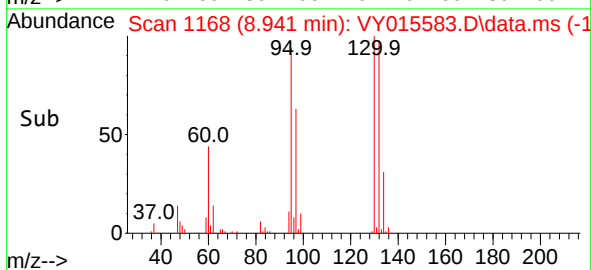
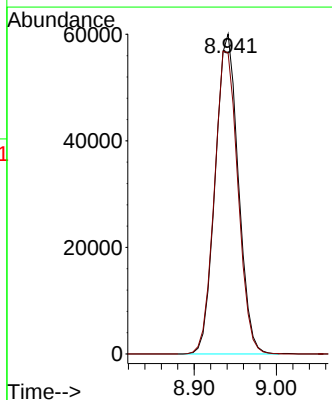
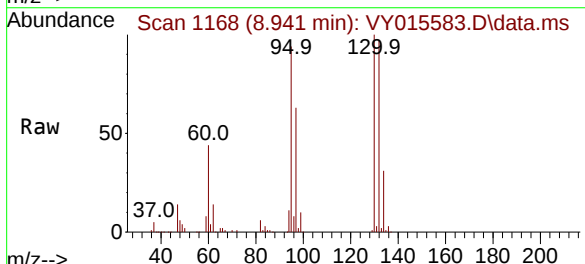
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

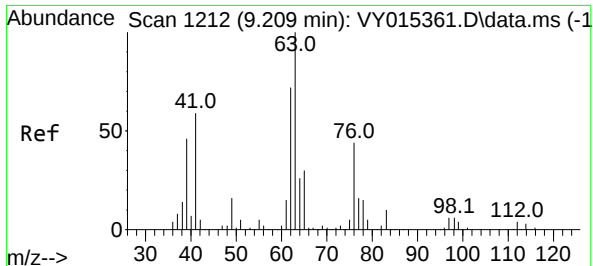
Tgt Ion: 43 Resp: 222091
Ion Ratio Lower Upper
43 100
61 27.0 21.1 31.7
87 13.5 9.8 14.8



#44
Trichloroethene
Concen: 54.043 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015583.D
Acq: 15 Sep 2023 20:33

Tgt Ion: 130 Resp: 116816
Ion Ratio Lower Upper
130 100
95 94.1 0.0 196.0





#45

1,2-Dichloropropane

Concen: 54.982 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY015583.D

Acq: 15 Sep 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :

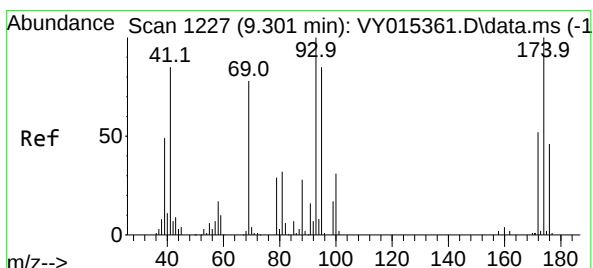
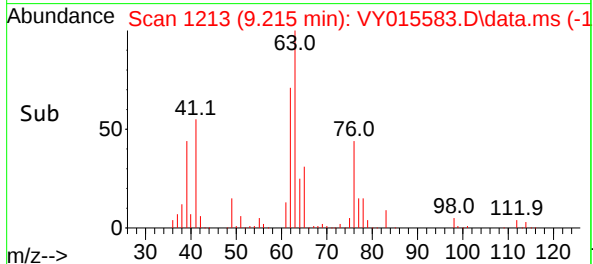
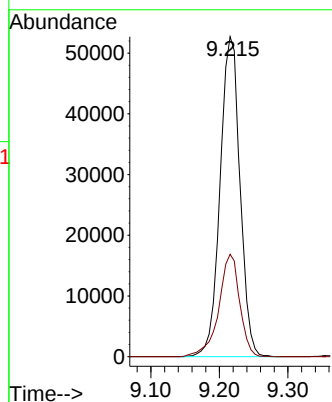
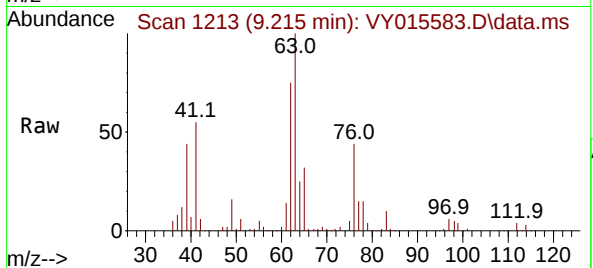
VSTDCCC050EC

Tgt Ion: 63 Resp: 105888

Ion Ratio Lower Upper

63 100

65 32.0 23.8 35.6



#46

Dibromomethane

Concen: 55.583 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.012 min

Lab File: VY015583.D

Acq: 15 Sep 2023 20:33

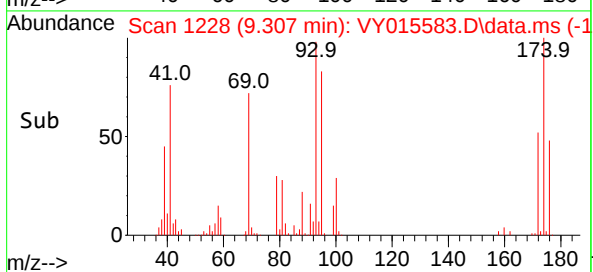
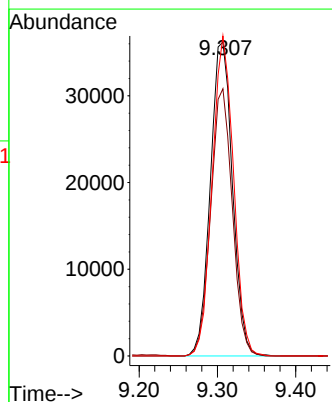
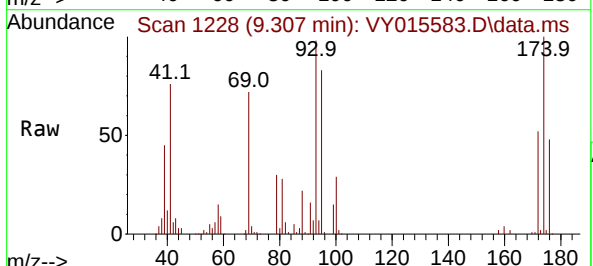
Tgt Ion: 93 Resp: 71106

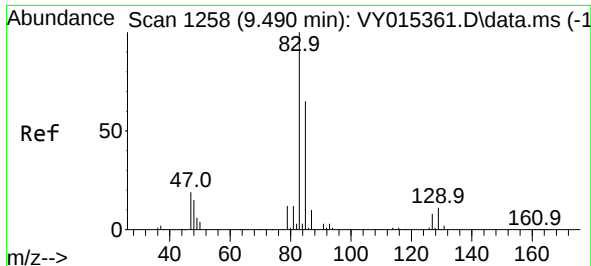
Ion Ratio Lower Upper

93 100

95 83.0 66.6 100.0

174 98.4 84.8 127.2

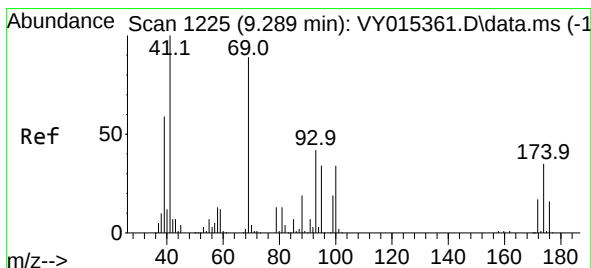
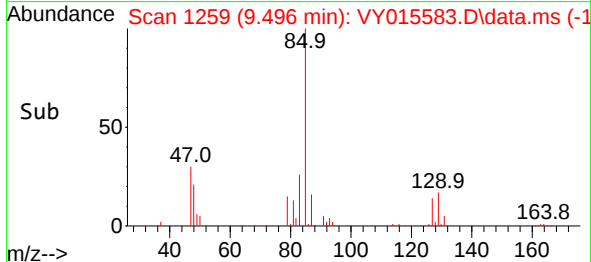
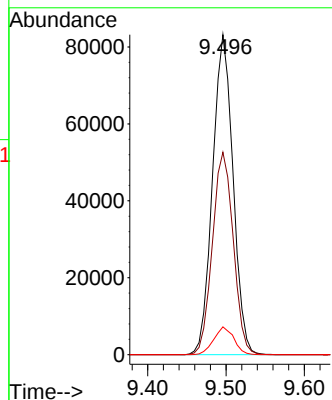
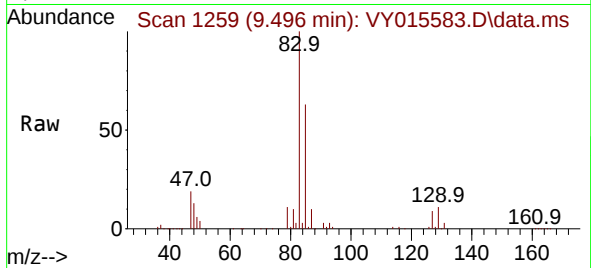




#47
Bromodichloromethane
Concen: 55.234 ug/l
RT: 9.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015583.D
Acq: 15 Sep 2023 20:33

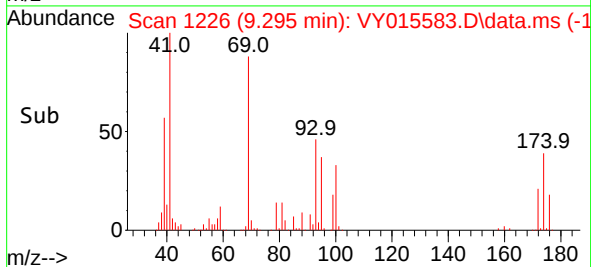
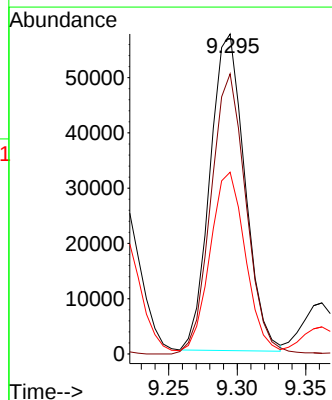
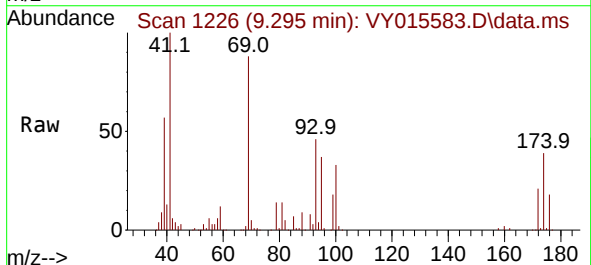
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

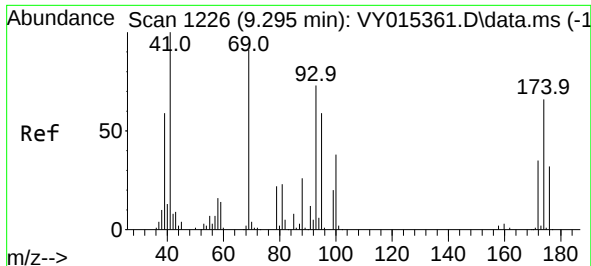
Tgt Ion: 83 Resp: 151109
Ion Ratio Lower Upper
83 100
85 63.3 50.1 75.1
127 8.7 7.1 10.7



#48
Methyl methacrylate
Concen: 60.387 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY015583.D
Acq: 15 Sep 2023 20:33

Tgt Ion: 41 Resp: 101181
Ion Ratio Lower Upper
41 100
69 89.4 64.5 96.7
39 56.7 50.8 76.2





#49

1,4-Dioxane

Concen: 1382.414 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.024 min

Lab File: VY015583.D

Acq: 15 Sep 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

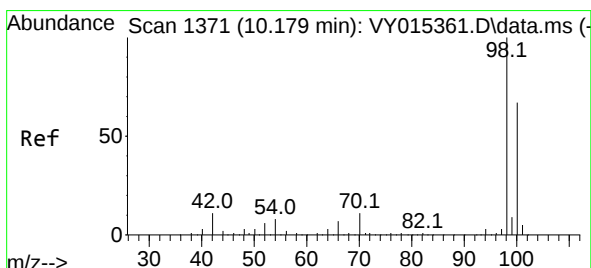
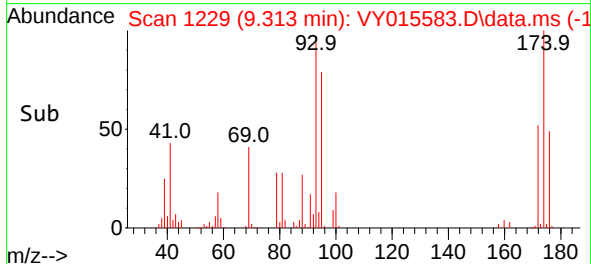
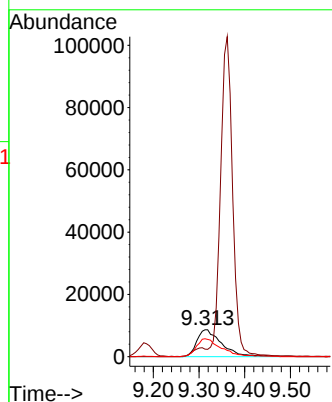
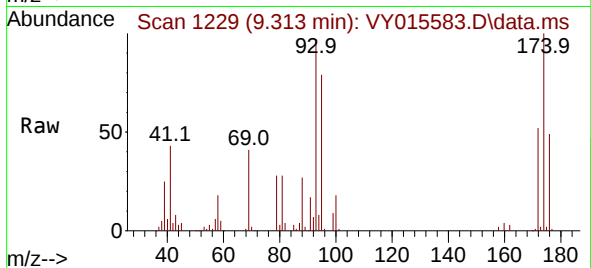
Tgt Ion: 88 Resp: 32849

Ion Ratio Lower Upper

88 100

43 18.4 0.0 0.0#

58 67.2 30.9 46.3#



#50

Toluene-d8

Concen: 45.159 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015583.D

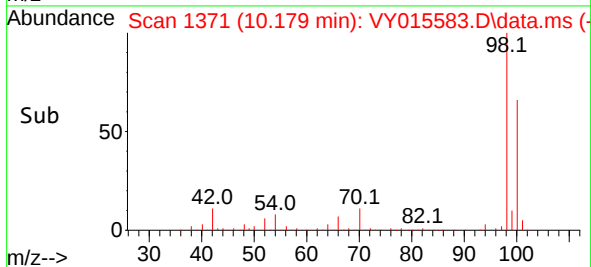
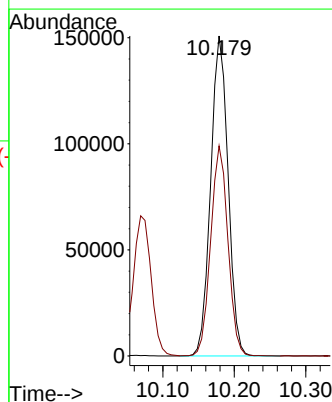
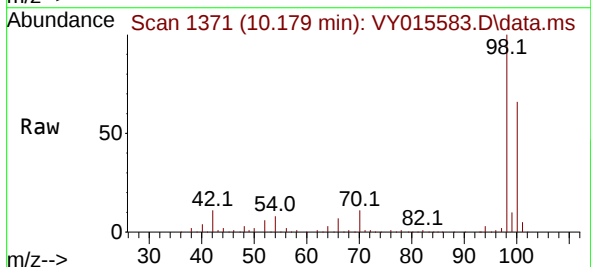
Acq: 15 Sep 2023 20:33

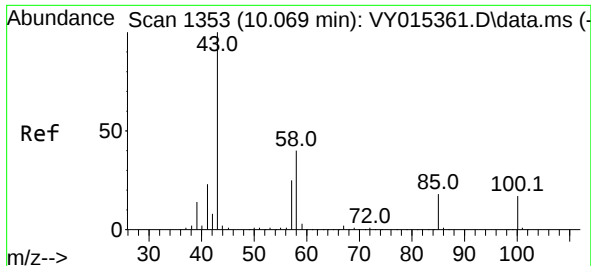
Tgt Ion: 98 Resp: 255028

Ion Ratio Lower Upper

98 100

100 65.1 50.1 75.1

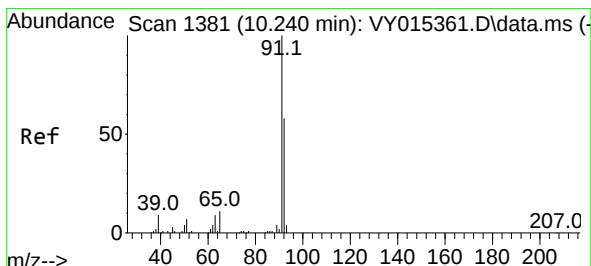
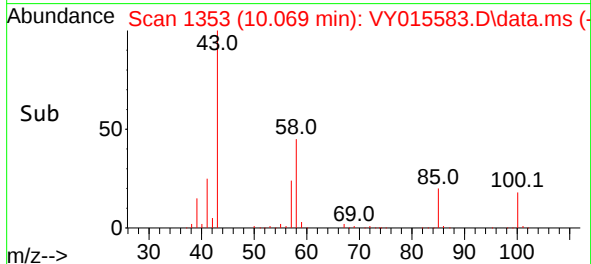
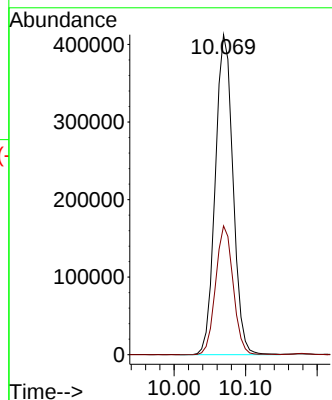
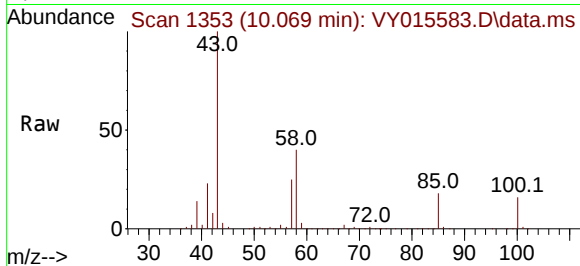




#51
4-Methyl-2-Pentanone
Concen: 333.929 ug/l
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015583.D
Acq: 15 Sep 2023 20:33

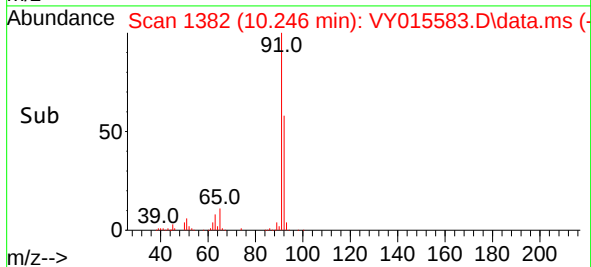
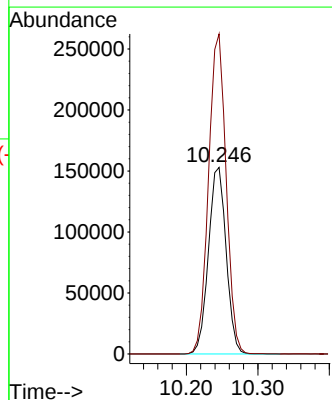
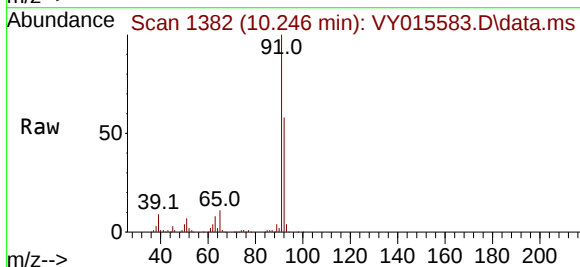
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

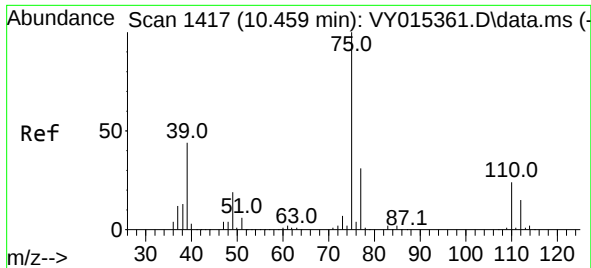
Tgt Ion: 43 Resp: 708784
Ion Ratio Lower Upper
43 100
58 39.9 29.0 43.6



#52
Toluene
Concen: 53.729 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015583.D
Acq: 15 Sep 2023 20:33

Tgt Ion: 92 Resp: 263085
Ion Ratio Lower Upper
92 100
91 170.3 143.8 215.6

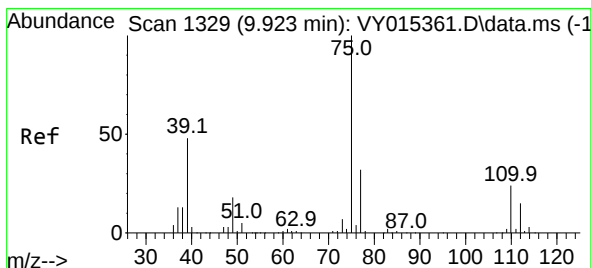
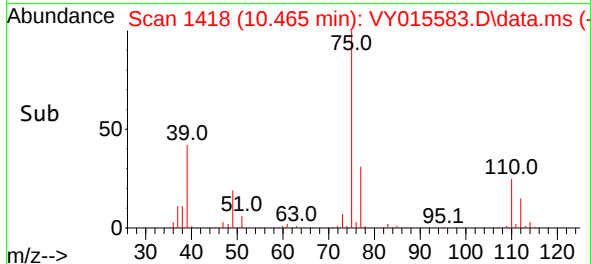
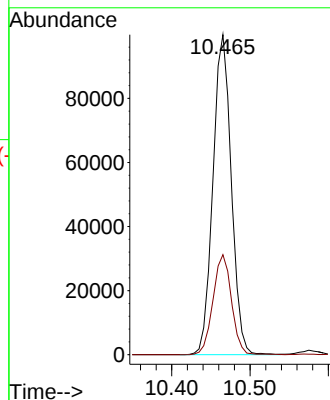
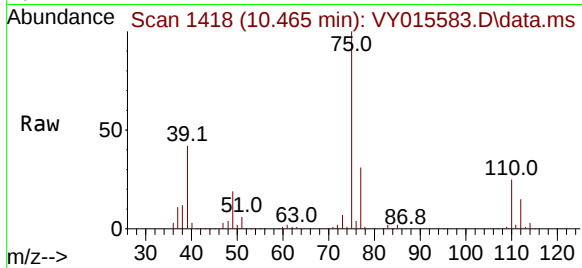




#53
 t-1,3-Dichloropropene
 Concen: 55.862 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY015583.D
 Acq: 15 Sep 2023 20:33

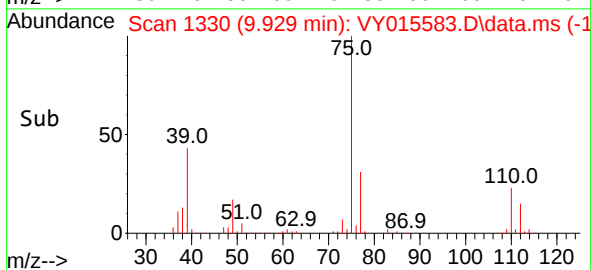
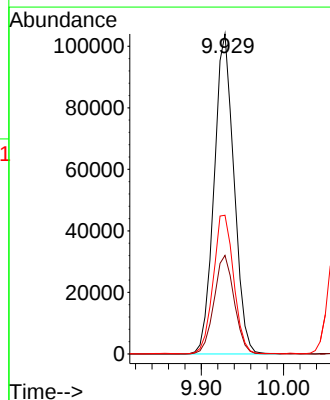
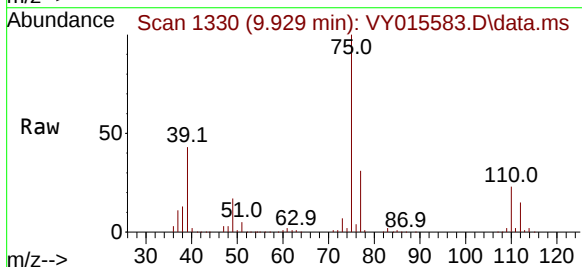
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

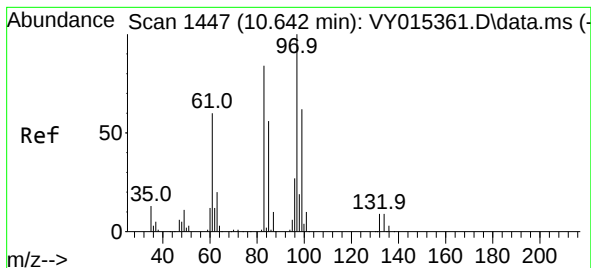
Tgt Ion: 75 Resp: 162417
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 55.160 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY015583.D
 Acq: 15 Sep 2023 20:33

Tgt Ion: 75 Resp: 174456
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.2 36.4
 39 43.3 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 56.957 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY015583.D

Acq: 15 Sep 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 98178

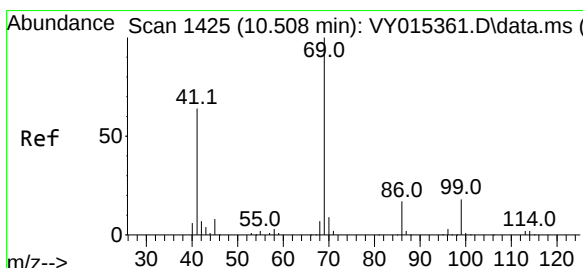
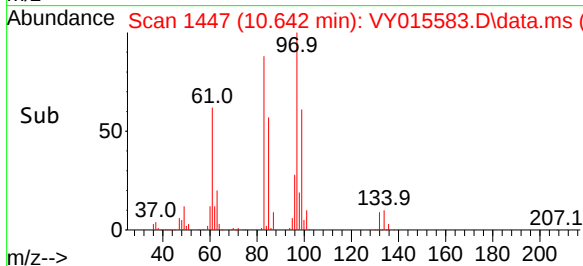
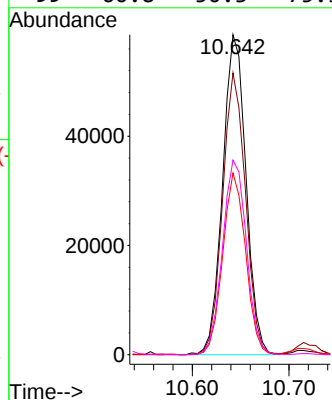
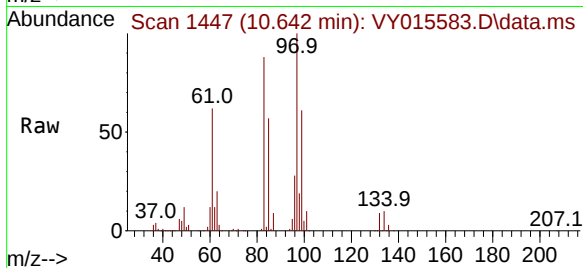
Ion Ratio Lower Upper

97 100

83 88.0 72.0 108.0

85 56.8 45.4 68.0

99 60.8 50.3 75.5



#56

Ethyl methacrylate

Concen: 60.244 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY015583.D

Acq: 15 Sep 2023 20:33

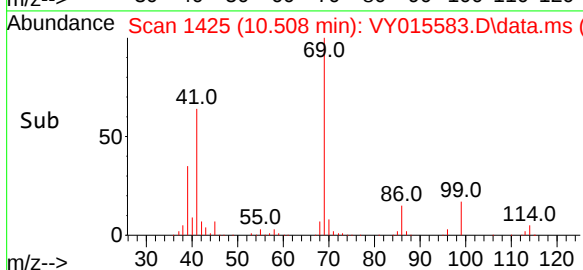
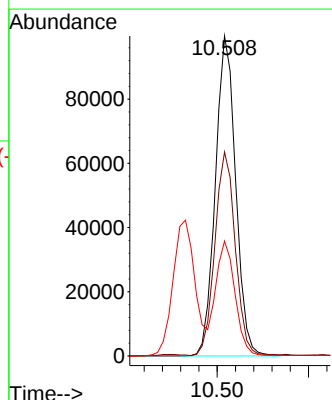
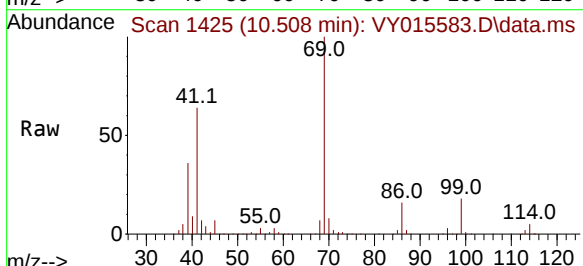
Tgt Ion: 69 Resp: 153886

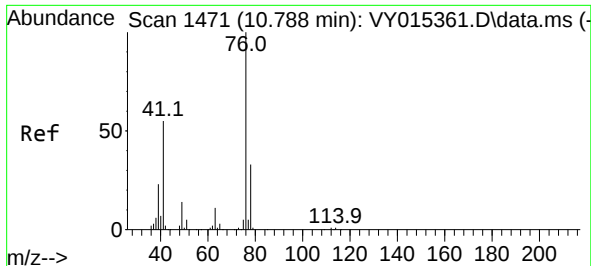
Ion Ratio Lower Upper

69 100

41 63.9 57.6 86.4

39 33.5 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 56.901 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY015583.D

Acq: 15 Sep 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :

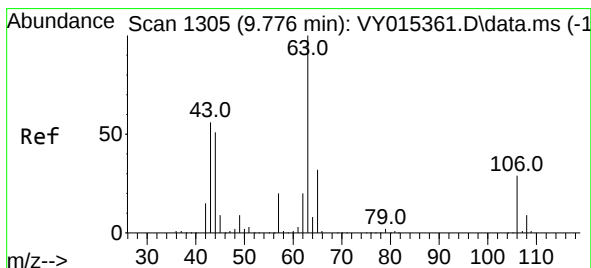
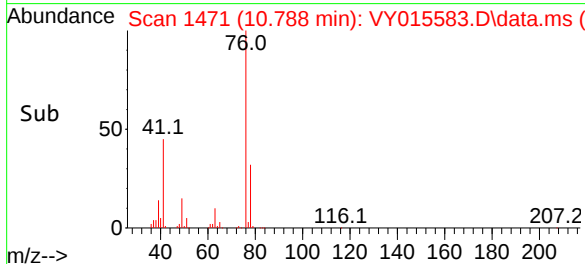
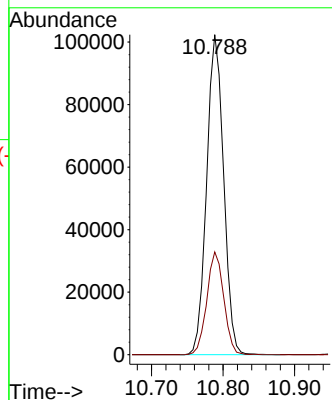
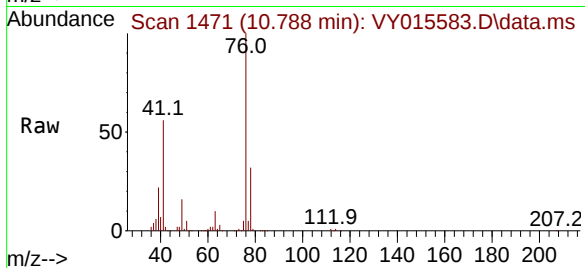
VSTDCCC050EC

Tgt Ion: 76 Resp: 168834

Ion Ratio Lower Upper

76 100

78 32.0 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 238.367 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VY015583.D

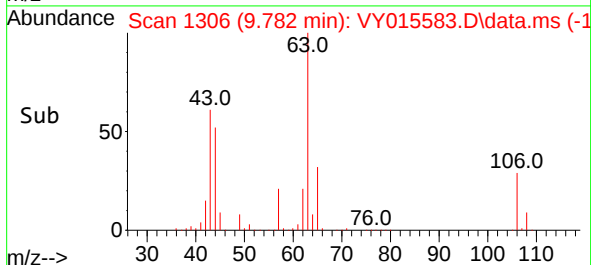
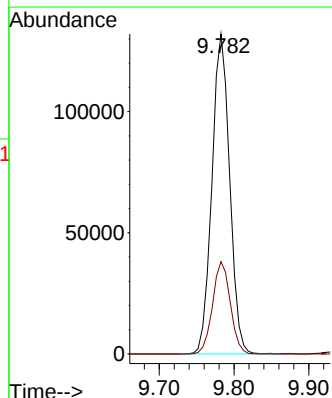
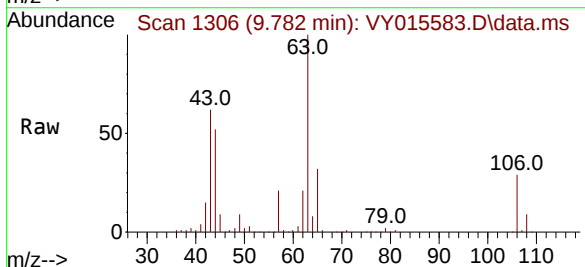
Acq: 15 Sep 2023 20:33

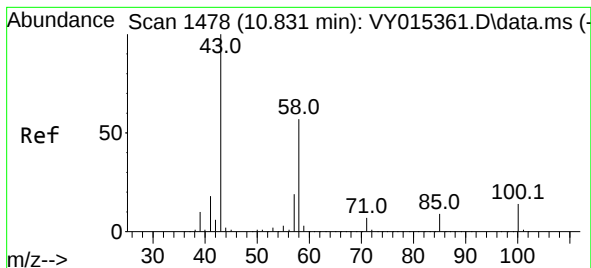
Tgt Ion: 63 Resp: 217329

Ion Ratio Lower Upper

63 100

106 28.8 21.2 31.8

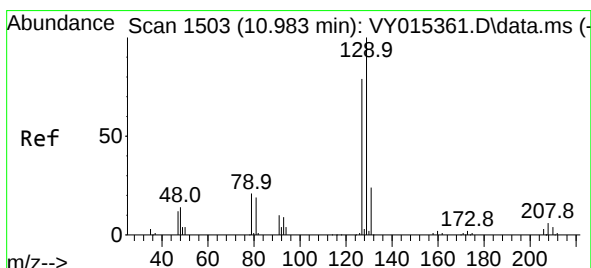
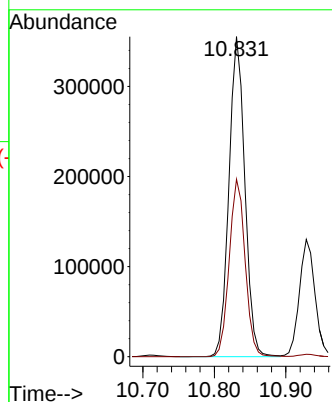
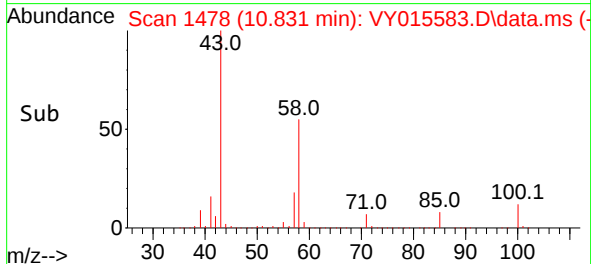
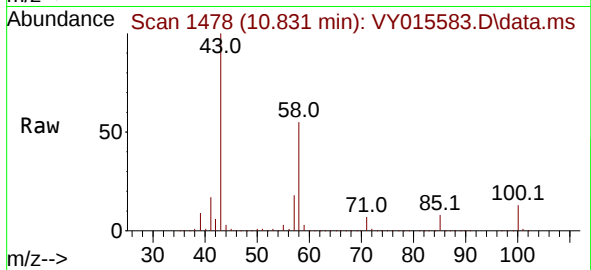




#59
2-Hexanone
Concen: 343.776 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015583.D
Acq: 15 Sep 2023 20:33

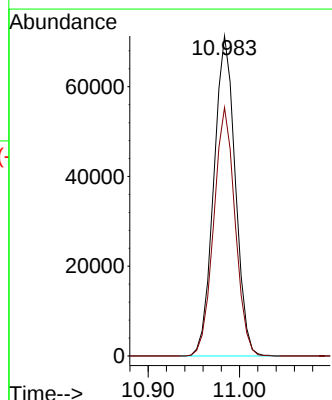
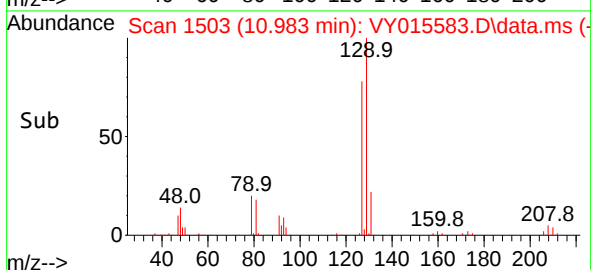
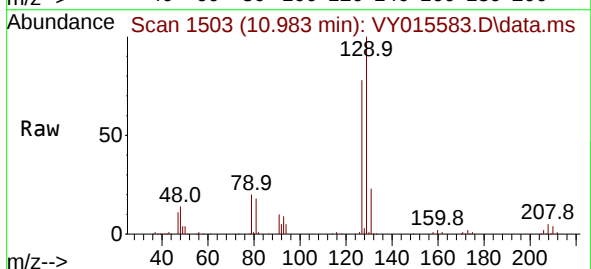
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

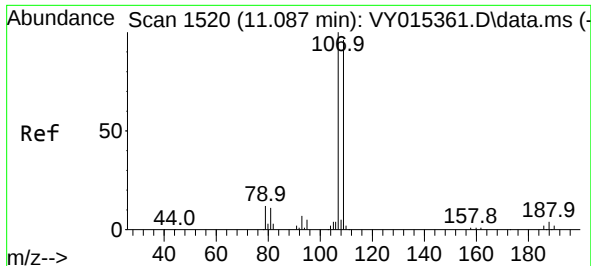
Tgt Ion: 43 Resp: 547518
Ion Ratio Lower Upper
43 100
58 55.5 25.1 75.3



#60
Dibromochloromethane
Concen: 57.653 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015583.D
Acq: 15 Sep 2023 20:33

Tgt Ion: 129 Resp: 116317
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5

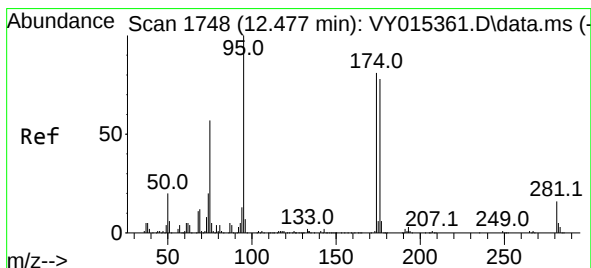
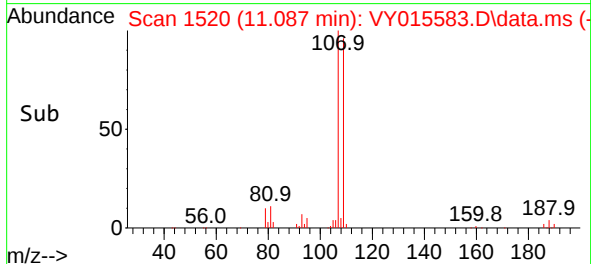
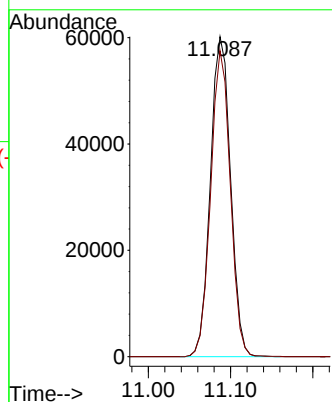
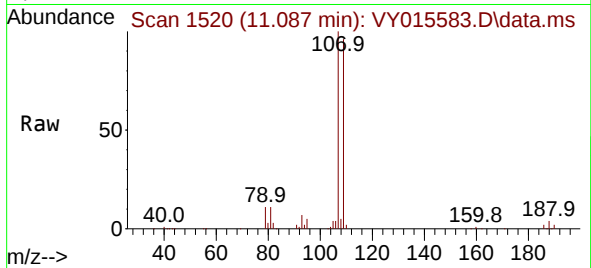




#61
1,2-Dibromoethane
Concen: 58.710 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY015583.D
Acq: 15 Sep 2023 20:33

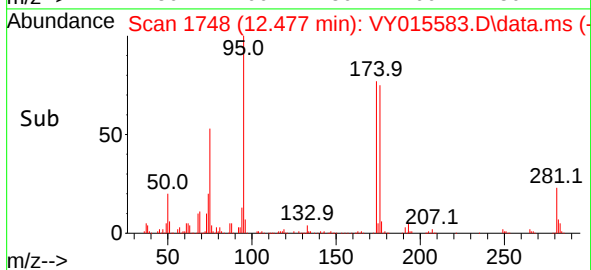
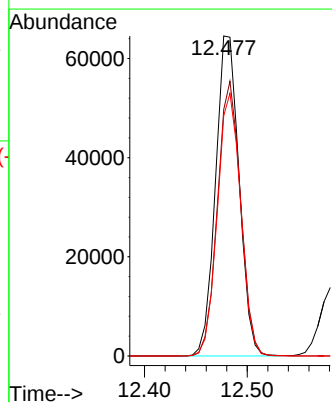
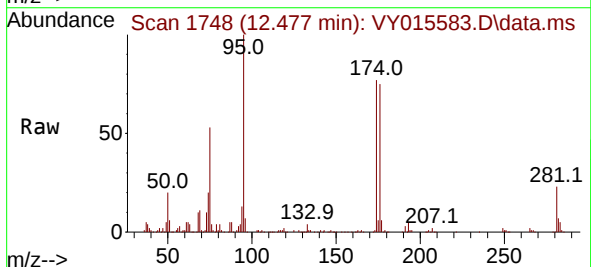
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

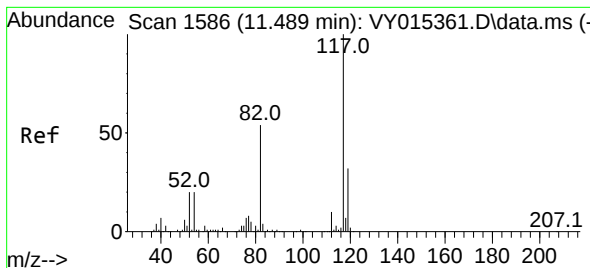
Tgt Ion:107 Resp: 102543
Ion Ratio Lower Upper
107 100
109 93.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.934 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015583.D
Acq: 15 Sep 2023 20:33

Tgt Ion: 95 Resp: 102591
Ion Ratio Lower Upper
95 100
174 84.2 0.0 178.2
176 81.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015583.D

Acq: 15 Sep 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

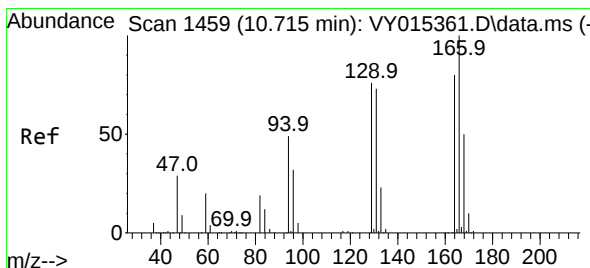
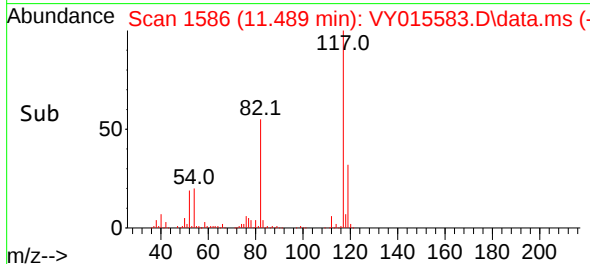
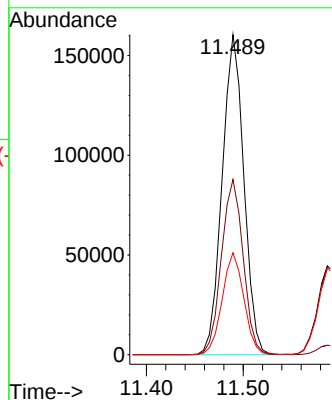
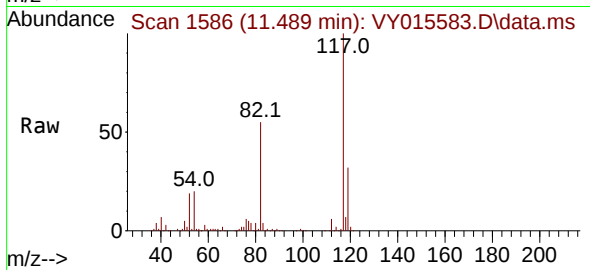
Tgt Ion:117 Resp: 249857

Ion Ratio Lower Upper

117 100

82 54.8 43.4 65.0

119 31.9 26.3 39.5



#64

Tetrachloroethene

Concen: 58.824 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY015583.D

Acq: 15 Sep 2023 20:33

Tgt Ion:164 Resp: 133405

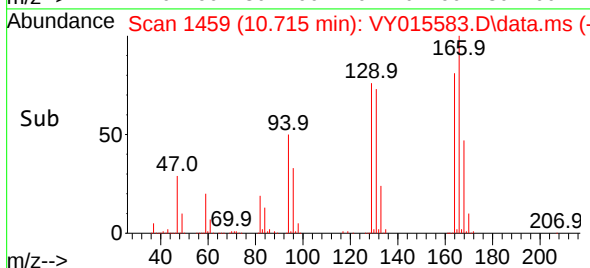
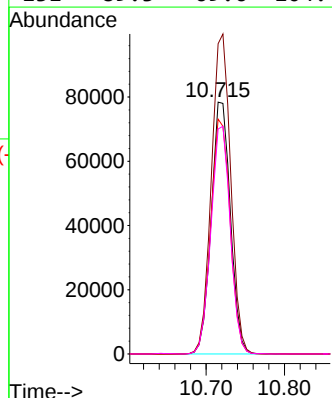
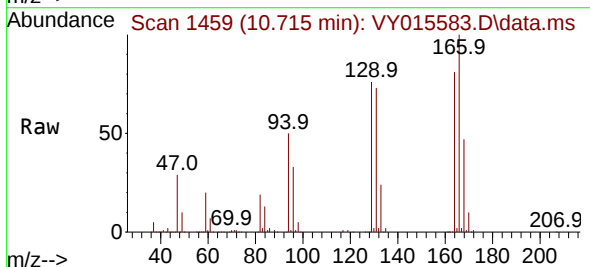
Ion Ratio Lower Upper

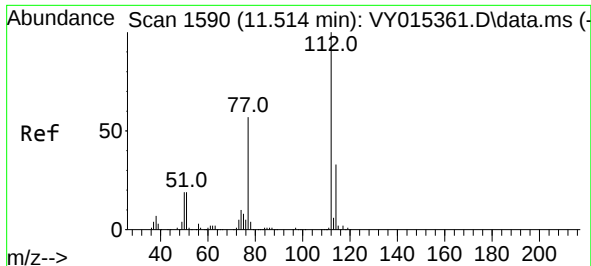
164 100

166 123.2 103.0 154.6

129 93.3 77.2 115.8

131 89.3 69.6 104.4

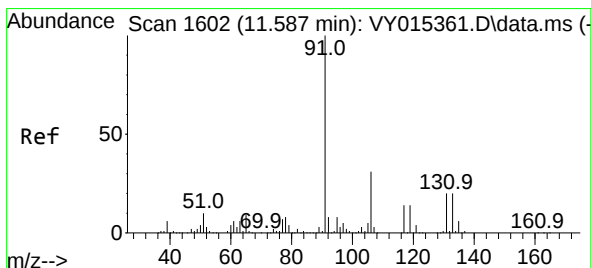
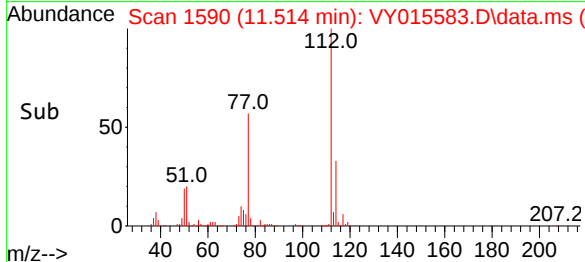
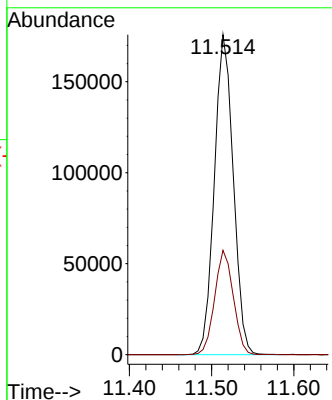
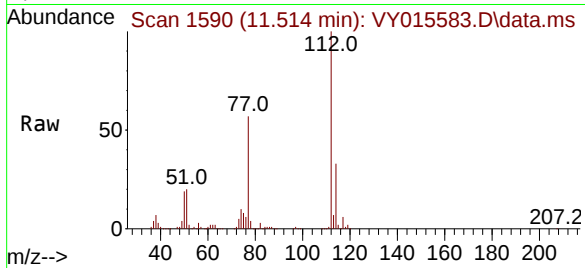




#65
Chlorobenzene
Concen: 52.312 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. 0.000 min
Lab File: VY015583.D
Acq: 15 Sep 2023 20:33

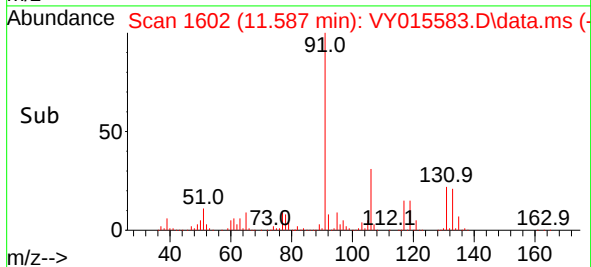
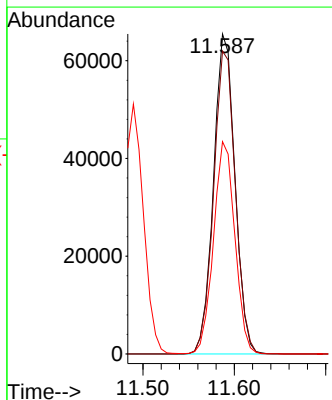
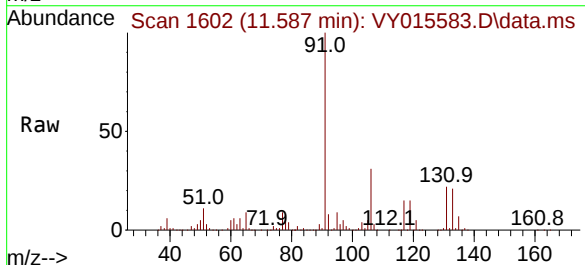
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

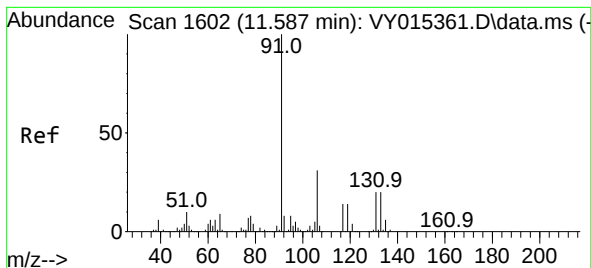
Tgt Ion:112 Resp: 281654
Ion Ratio Lower Upper
112 100
114 32.6 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 54.055 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY015583.D
Acq: 15 Sep 2023 20:33

Tgt Ion:131 Resp: 106524
Ion Ratio Lower Upper
131 100
133 96.2 47.5 142.6
119 66.3 31.6 94.7





#67

Ethyl Benzene

Concen: 52.277 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015583.D

Acq: 15 Sep 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :

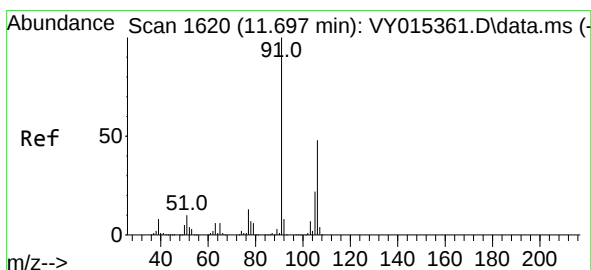
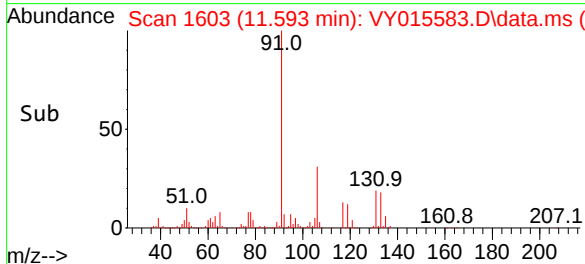
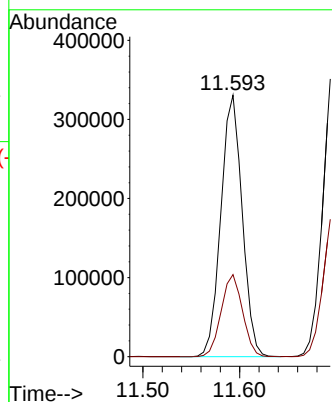
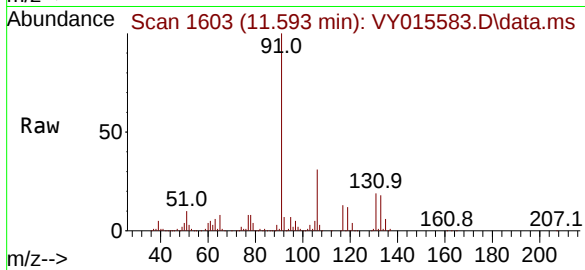
VSTDCCC050EC

Tgt Ion: 91 Resp: 505412

Ion Ratio Lower Upper

91 100

106 31.4 24.6 36.8



#68

m/p-Xylenes

Concen: 104.689 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY015583.D

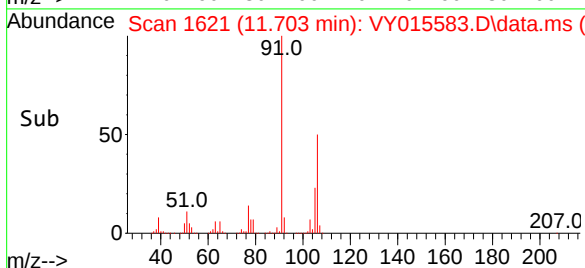
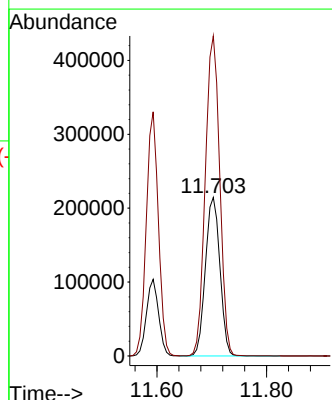
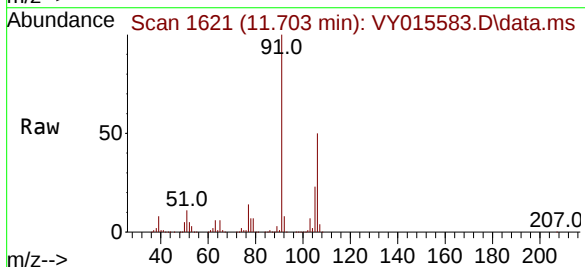
Acq: 15 Sep 2023 20:33

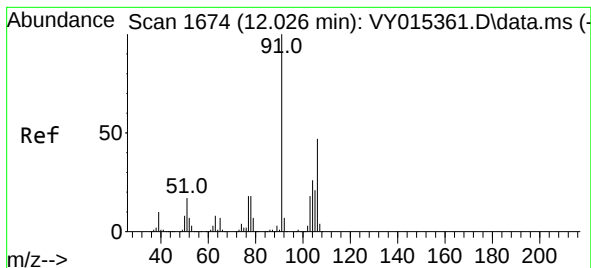
Tgt Ion:106 Resp: 392314

Ion Ratio Lower Upper

106 100

91 200.6 166.1 249.1





#69

o-Xylene

Concen: 53.221 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015583.D

Acq: 15 Sep 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :

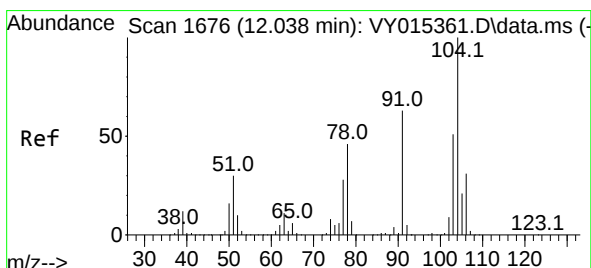
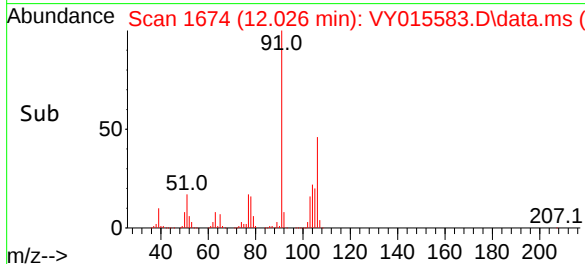
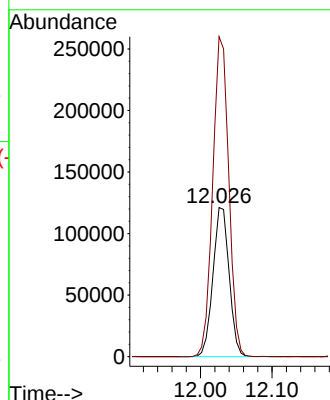
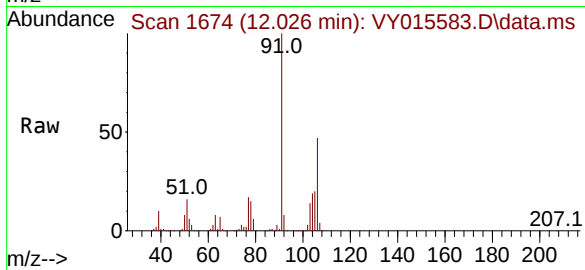
VSTDCCC050EC

Tgt Ion:106 Resp: 190604

Ion Ratio Lower Upper

106 100

91 212.7 108.1 324.3



#70

Styrene

Concen: 54.240 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY015583.D

Acq: 15 Sep 2023 20:33

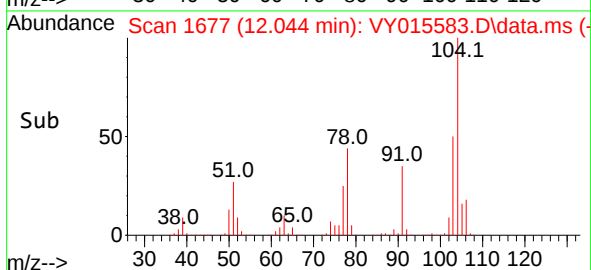
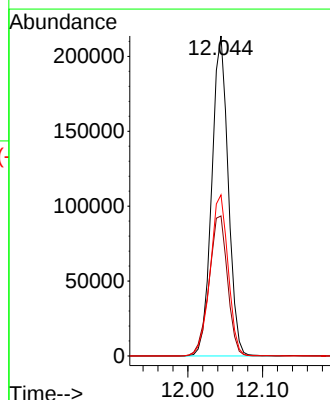
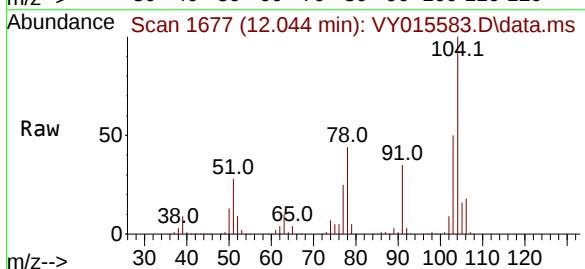
Tgt Ion:104 Resp: 326625

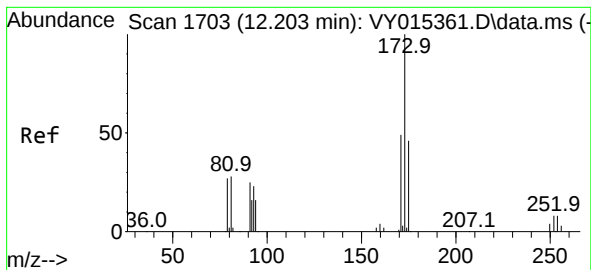
Ion Ratio Lower Upper

104 100

78 49.1 41.5 62.3

103 55.0 44.6 67.0





#71

Bromoform

Concen: 59.467 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015583.D

Acq: 15 Sep 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

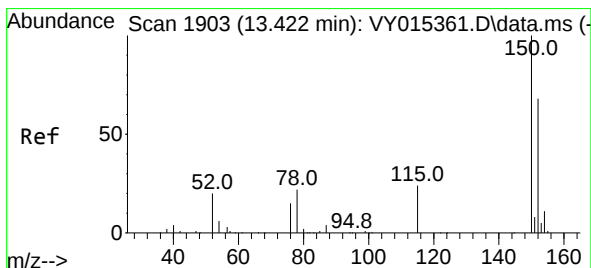
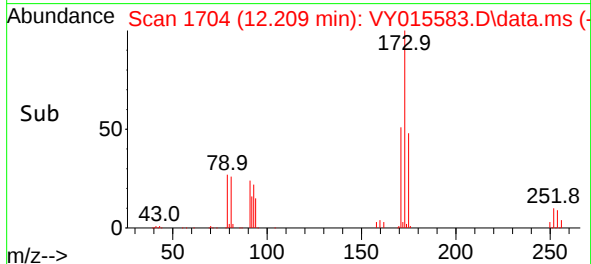
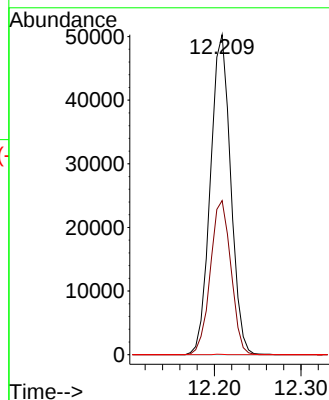
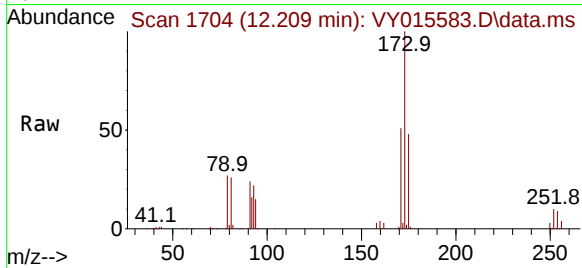
Tgt Ion:173 Resp: 81748

Ion Ratio Lower Upper

173 100

175 48.8 24.6 73.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY015583.D

Acq: 15 Sep 2023 20:33

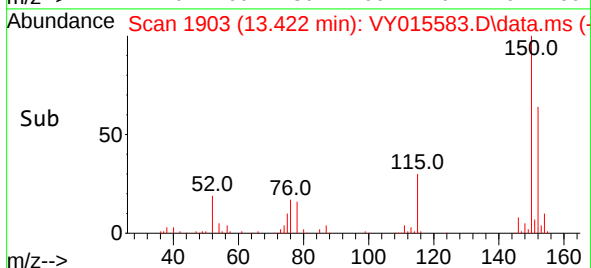
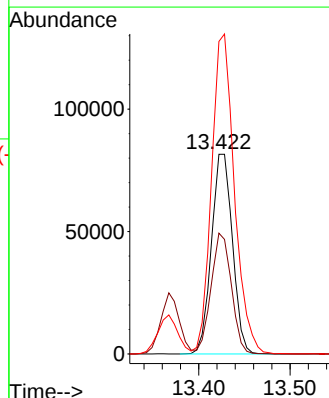
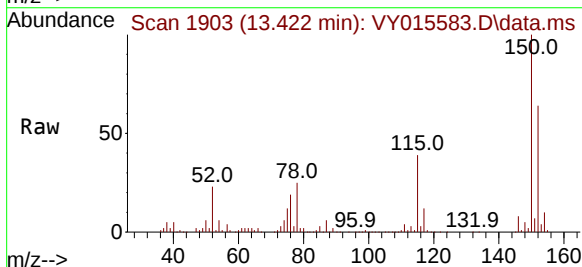
Tgt Ion:152 Resp: 130381

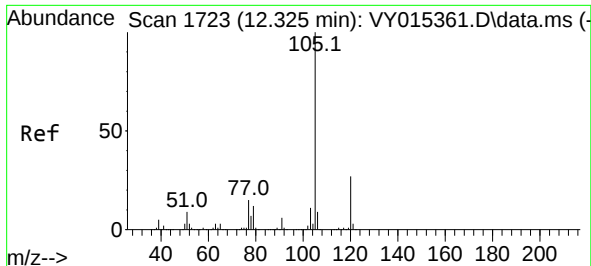
Ion Ratio Lower Upper

152 100

115 58.2 28.8 86.5

150 174.1 0.0 348.8

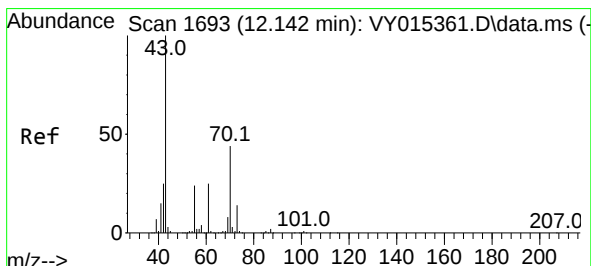
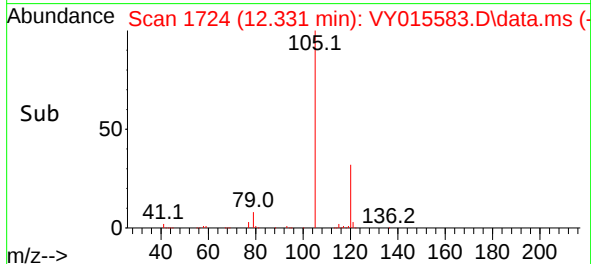
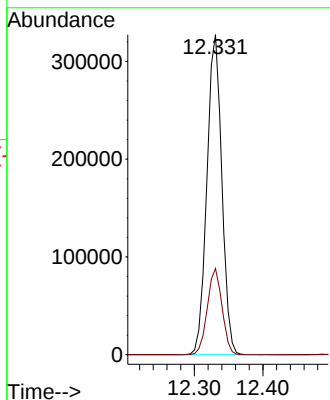
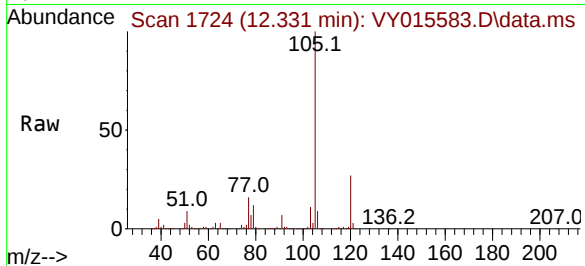




#73
Isopropylbenzene
Concen: 50.553 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY015583.D
Acq: 15 Sep 2023 20:33

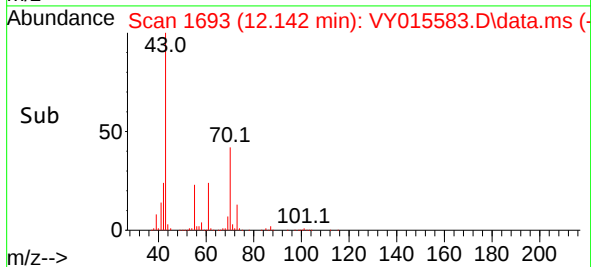
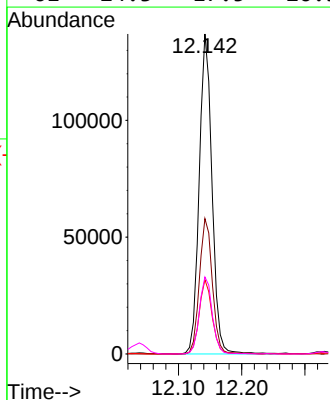
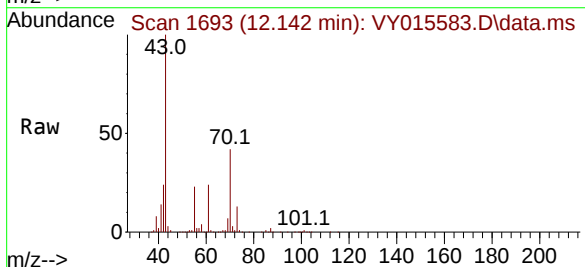
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

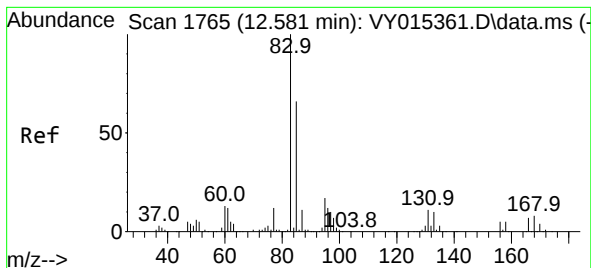
Tgt Ion:105 Resp: 495083
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9



#74
N-ethyl acetate
Concen: 58.826 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY015583.D
Acq: 15 Sep 2023 20:33

Tgt Ion: 43 Resp: 193549
Ion Ratio Lower Upper
43 100
70 42.6 29.7 44.5
55 23.6 18.3 27.5
61 24.3 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 57.134 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY015583.D

Acq: 15 Sep 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

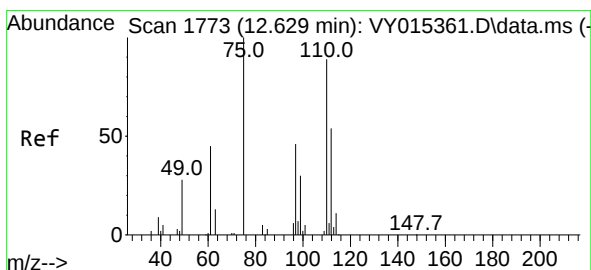
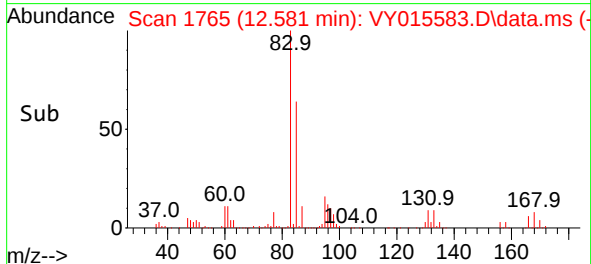
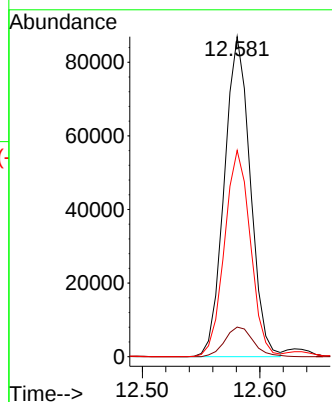
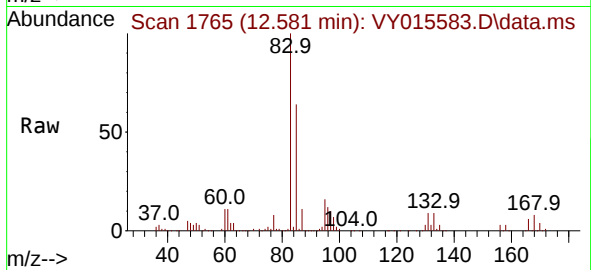
Tgt Ion: 83 Resp: 133572

Ion Ratio Lower Upper

83 100

131 10.1 5.4 16.2

85 64.5 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 105.418 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY015583.D

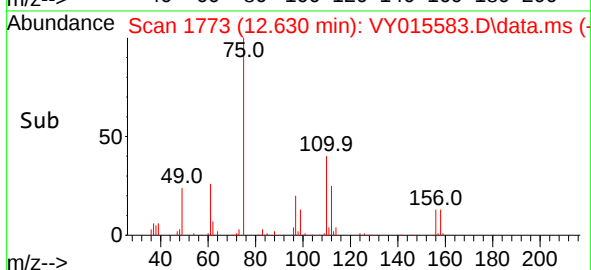
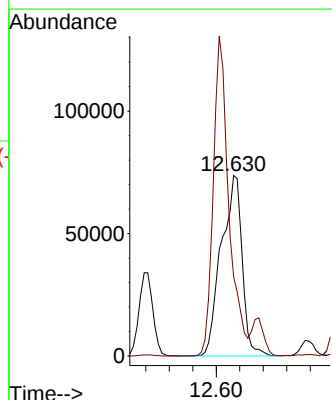
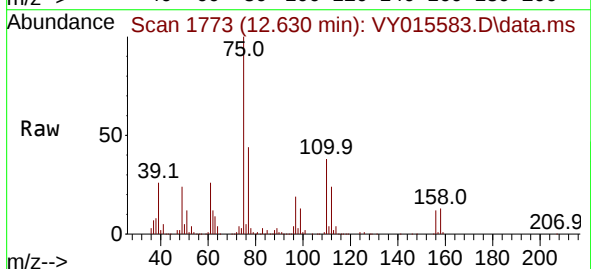
Acq: 15 Sep 2023 20:33

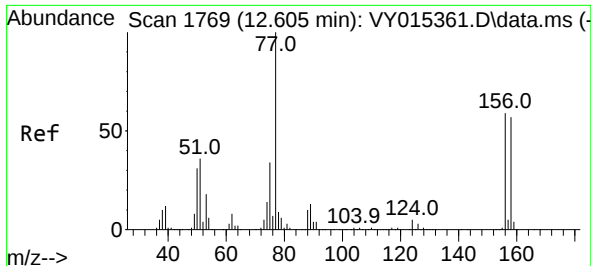
Tgt Ion: 75 Resp: 182266

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

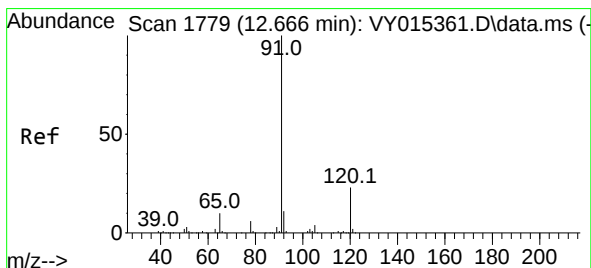
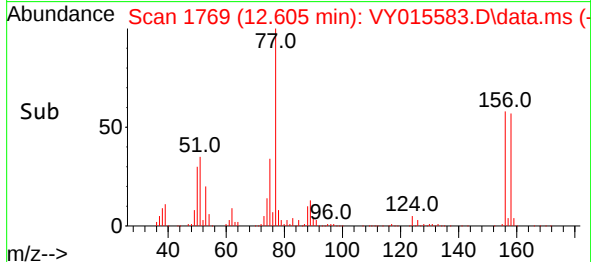
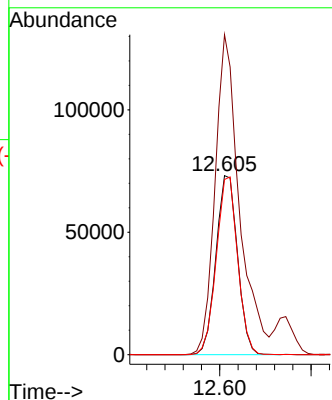
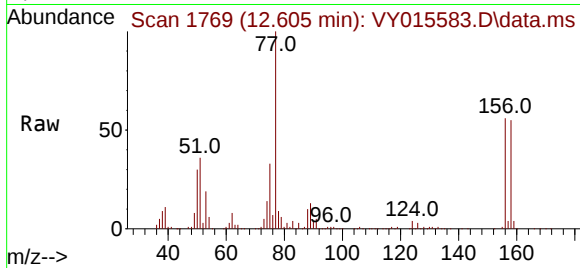




#77
Bromobenzene
Concen: 51.766 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY015583.D
Acq: 15 Sep 2023 20:33

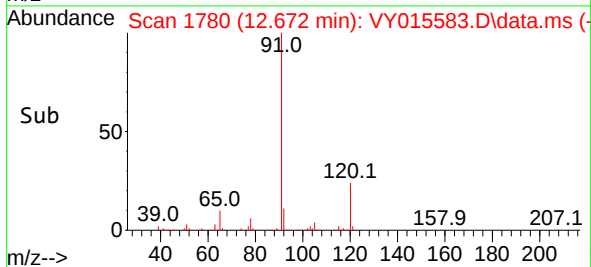
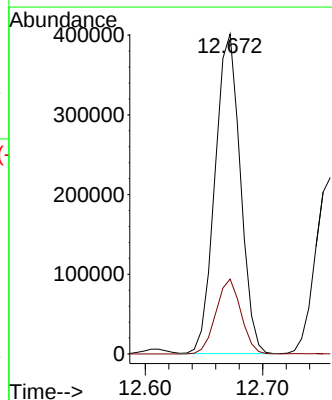
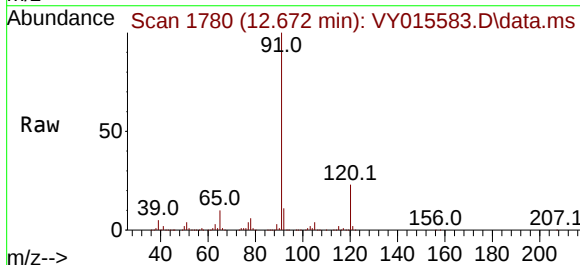
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

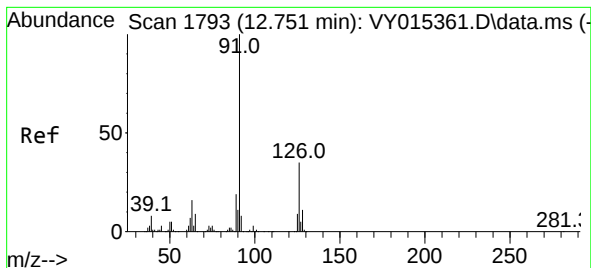
Tgt Ion:156 Resp: 120071
Ion Ratio Lower Upper
156 100
77 201.0 92.8 278.6
158 98.1 48.4 145.3



#78
n-propylbenzene
Concen: 50.748 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY015583.D
Acq: 15 Sep 2023 20:33

Tgt Ion: 91 Resp: 601370
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 51.100 ug/l

RT: 12.758 min Scan# 1793

Delta R.T. 0.006 min

Lab File: VY015583.D

Acq: 15 Sep 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :

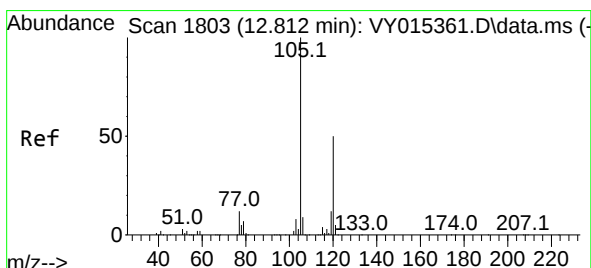
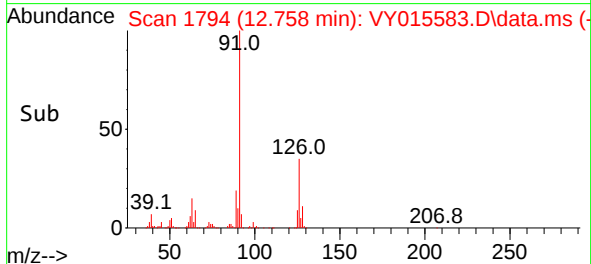
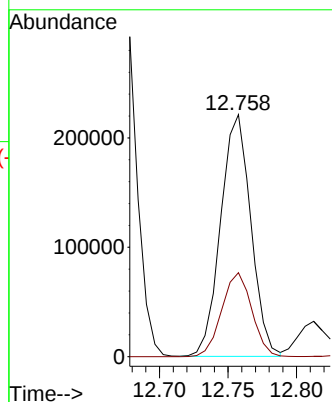
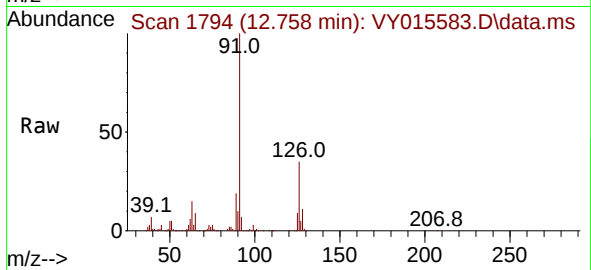
VSTDCCC050EC

Tgt Ion: 91 Resp: 339643

Ion Ratio Lower Upper

91 100

126 34.5 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 50.745 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY015583.D

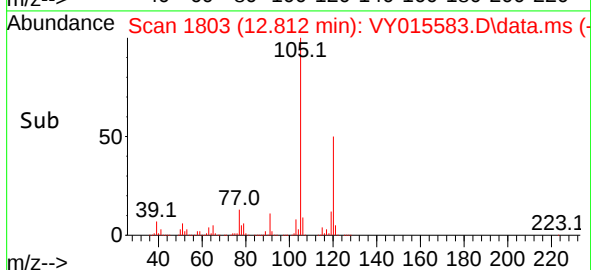
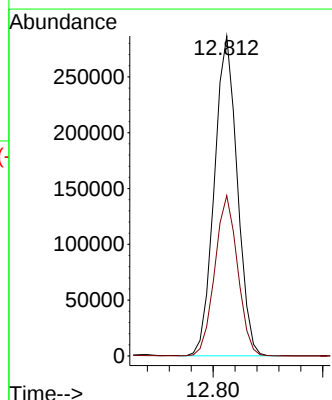
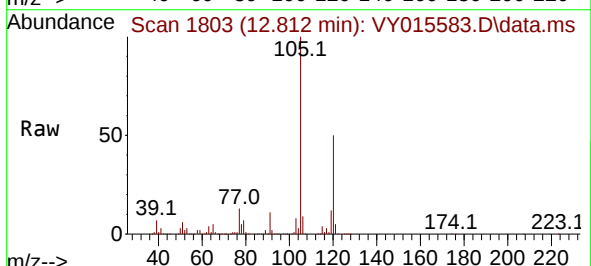
Acq: 15 Sep 2023 20:33

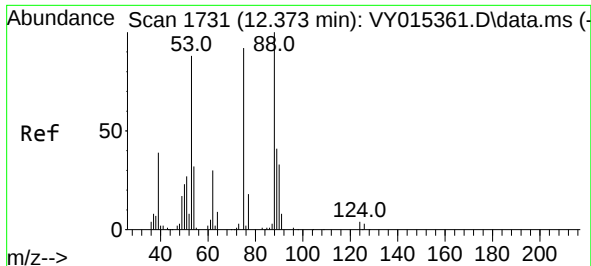
Tgt Ion:105 Resp: 415674

Ion Ratio Lower Upper

105 100

120 50.0 23.9 71.7

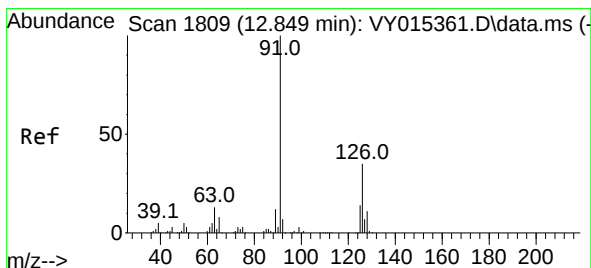
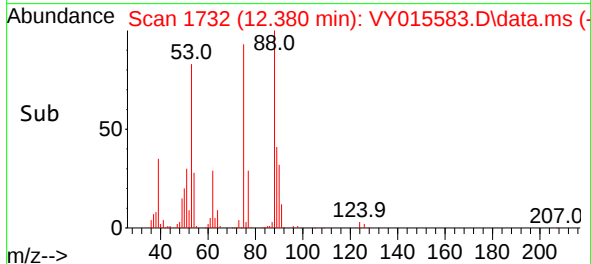
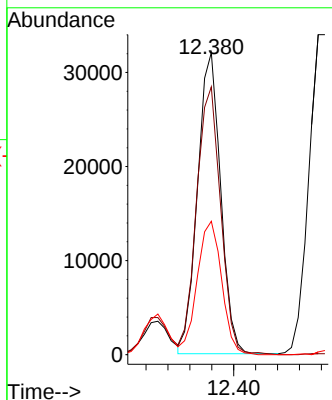
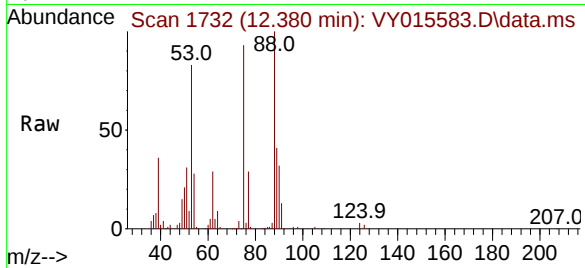




#81
trans-1,4-Dichloro-2-butene
Concen: 59.565 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015583.D
Acq: 15 Sep 2023 20:33

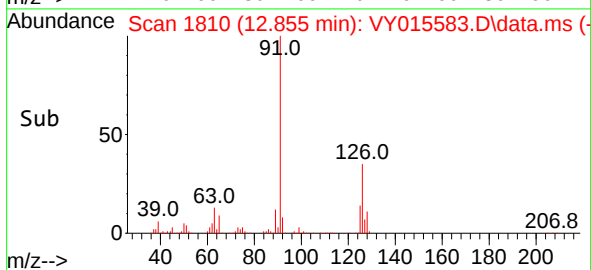
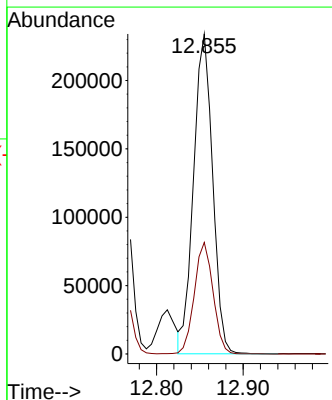
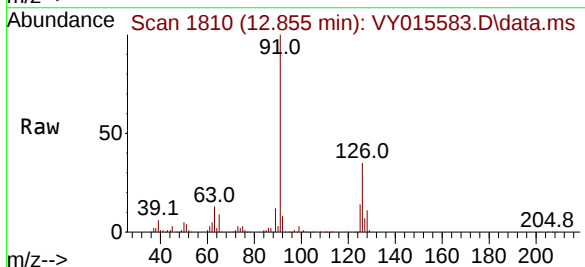
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

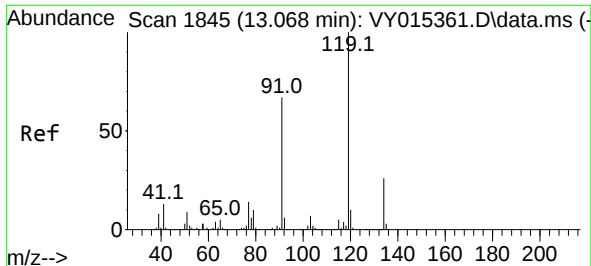
Tgt Ion: 75 Resp: 46687
Ion Ratio Lower Upper
75 100
53 93.2 77.8 116.8
89 47.2 37.4 56.0



#82
4-Chlorotoluene
Concen: 51.723 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY015583.D
Acq: 15 Sep 2023 20:33

Tgt Ion: 91 Resp: 357293
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.6

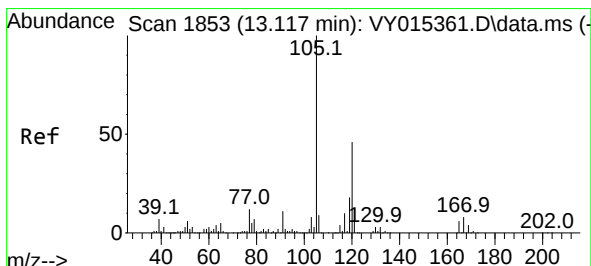
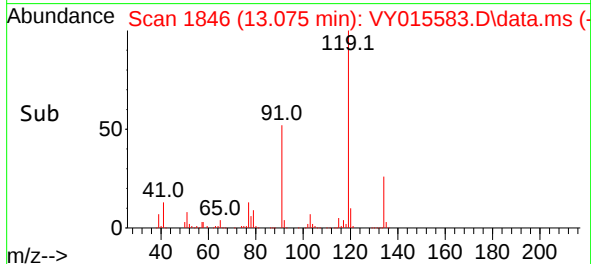
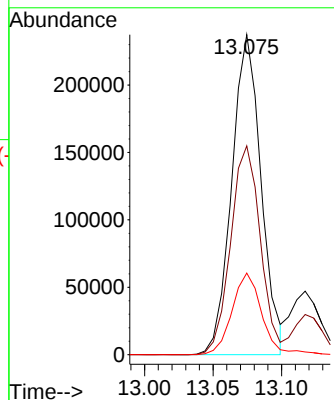
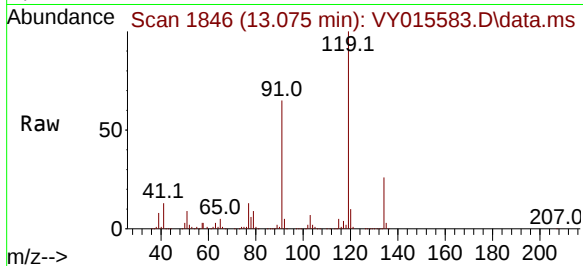




#83
tert-Butylbenzene
Concen: 49.396 ug/l
RT: 13.075 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VY015583.D
Acq: 15 Sep 2023 20:33

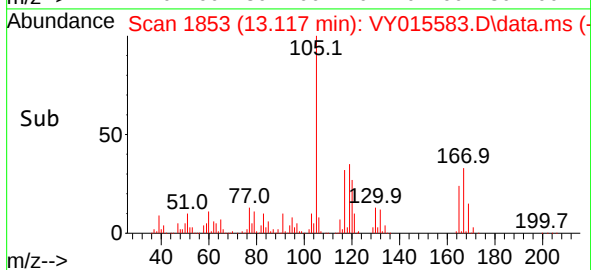
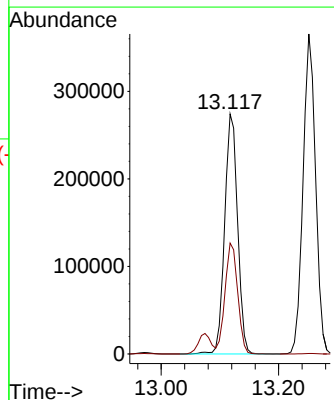
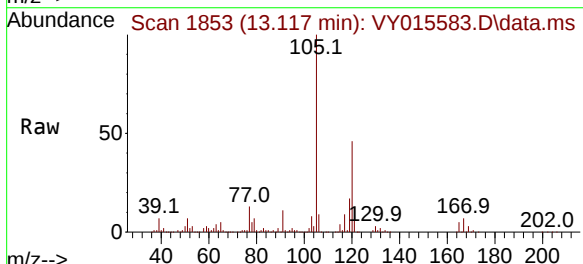
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

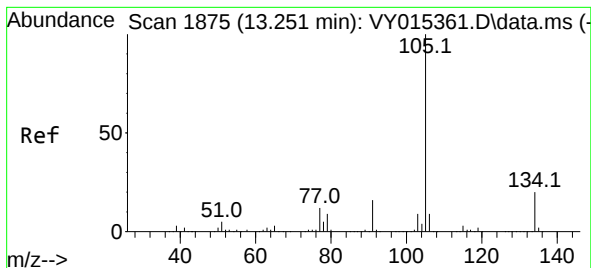
Tgt Ion:119 Resp: 354404
Ion Ratio Lower Upper
119 100
91 65.9 32.9 98.6
134 26.0 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 51.490 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY015583.D
Acq: 15 Sep 2023 20:33

Tgt Ion:105 Resp: 418781
Ion Ratio Lower Upper
105 100
120 45.2 22.2 66.6





#85

sec-Butylbenzene

Concen: 50.280 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015583.D

Acq: 15 Sep 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :

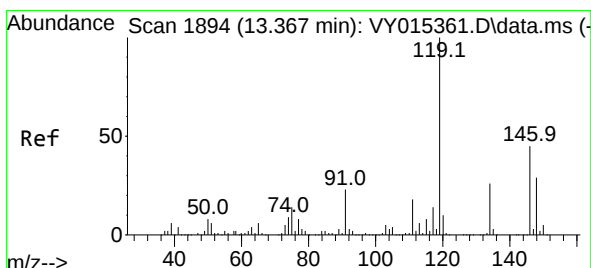
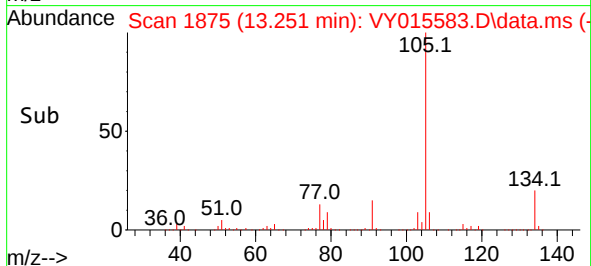
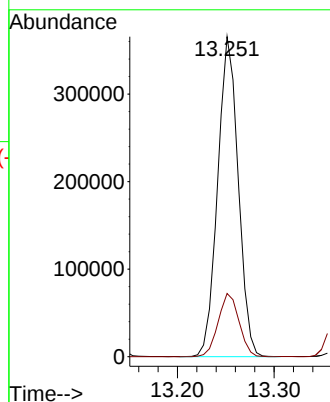
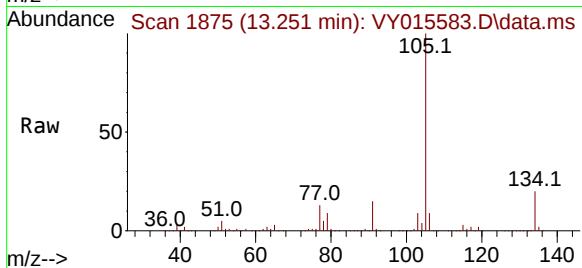
VSTDCCC050EC

Tgt Ion:105 Resp: 538059

Ion Ratio Lower Upper

105 100

134 20.0 10.2 30.6



#86

p-Isopropyltoluene

Concen: 50.572 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015583.D

Acq: 15 Sep 2023 20:33

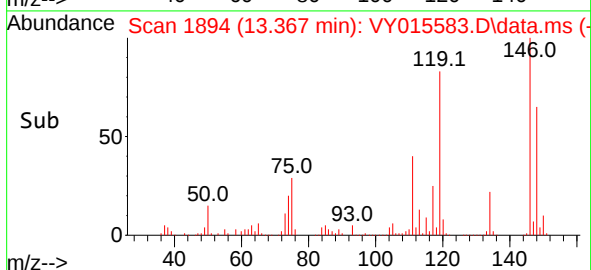
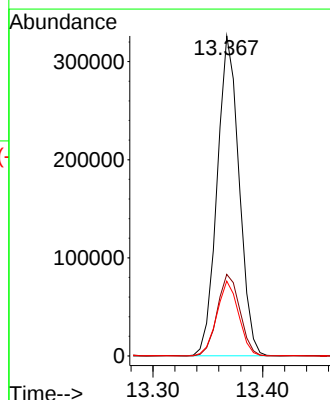
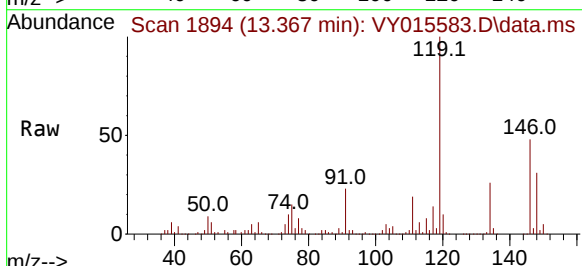
Tgt Ion:119 Resp: 453577

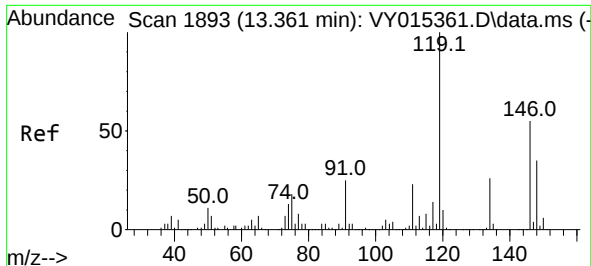
Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

91 23.3 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 51.853 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015583.D

Acq: 15 Sep 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

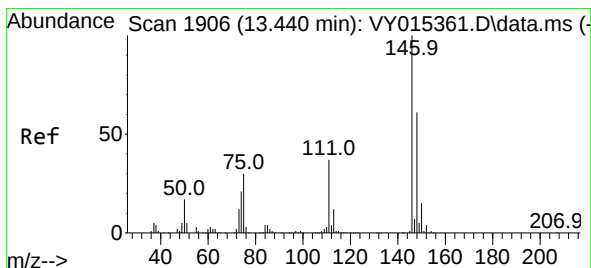
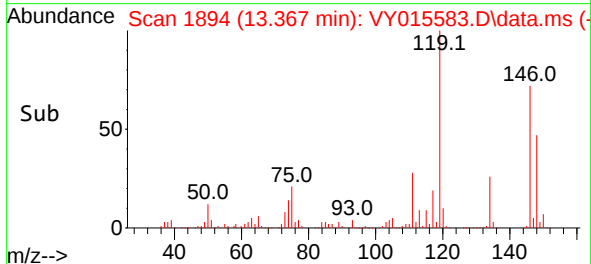
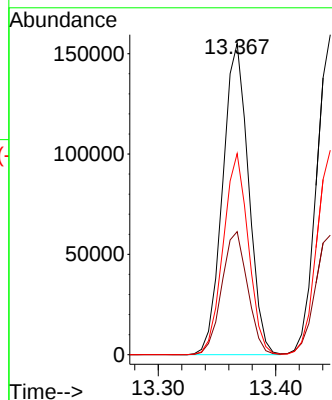
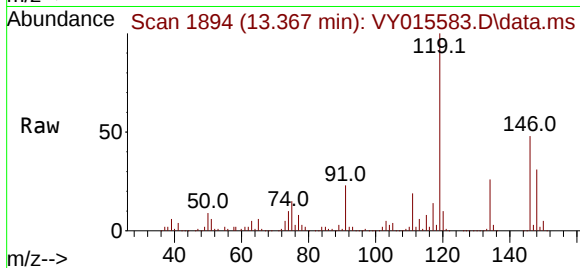
Tgt Ion:146 Resp: 237444

Ion Ratio Lower Upper

146 100

111 39.5 19.4 58.2

148 62.8 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 51.308 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY015583.D

Acq: 15 Sep 2023 20:33

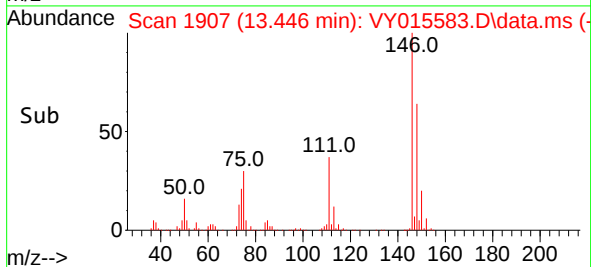
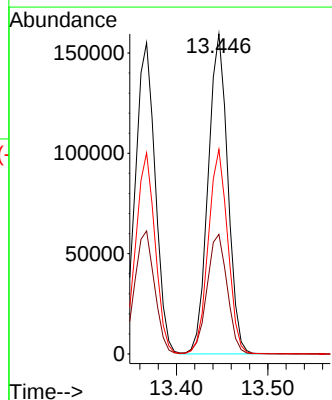
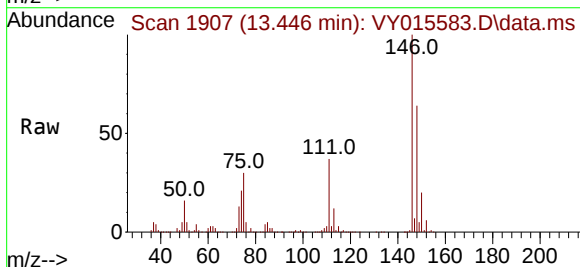
Tgt Ion:146 Resp: 237497

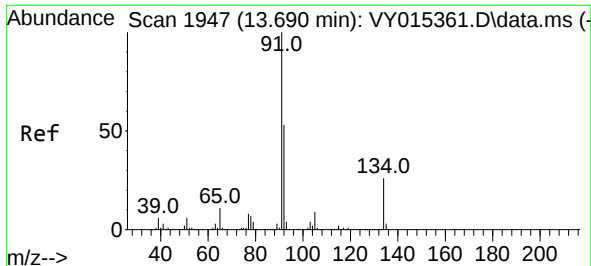
Ion Ratio Lower Upper

146 100

111 38.6 18.9 56.7

148 63.4 32.1 96.5

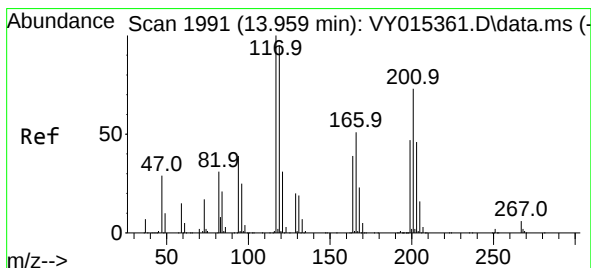
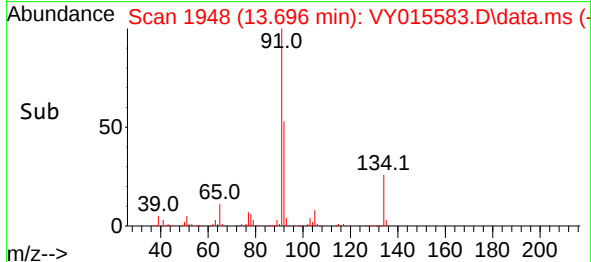
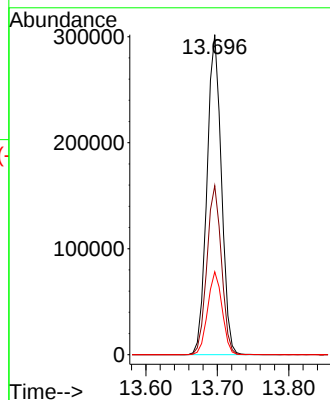
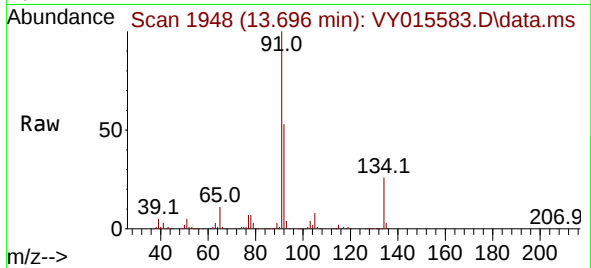




#89
n-Butylbenzene
Concen: 50.128 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY015583.D
Acq: 15 Sep 2023 20:33

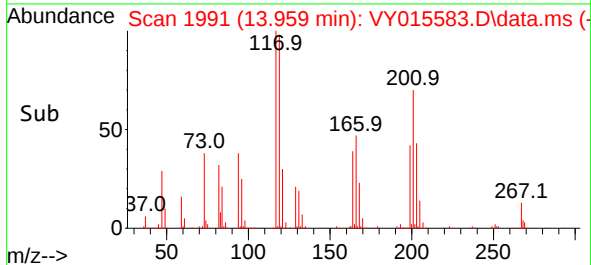
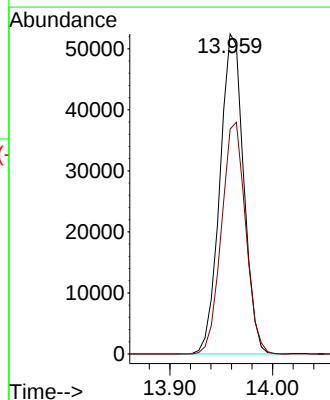
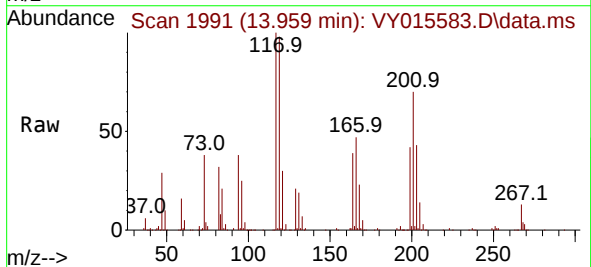
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

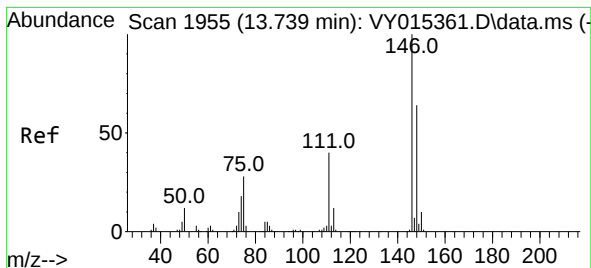
Tgt Ion: 91 Resp: 423164
Ion Ratio Lower Upper
91 100
92 53.2 25.4 76.0
134 26.0 12.6 37.6



#90
Hexachloroethane
Concen: 52.526 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY015583.D
Acq: 15 Sep 2023 20:33

Tgt Ion: 117 Resp: 84256
Ion Ratio Lower Upper
117 100
201 73.2 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 52.765 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY015583.D

Acq: 15 Sep 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

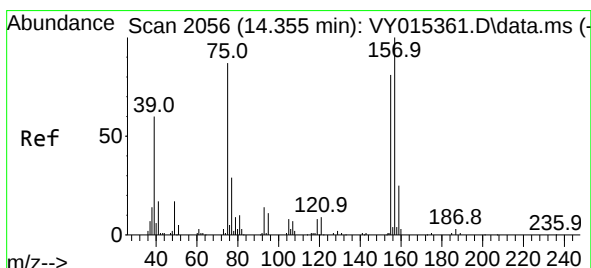
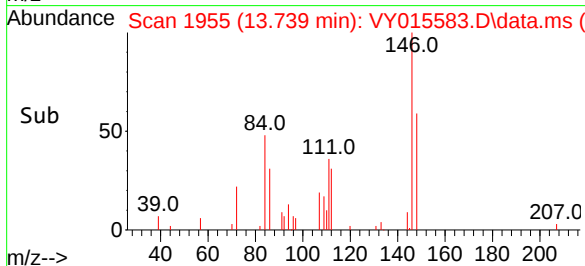
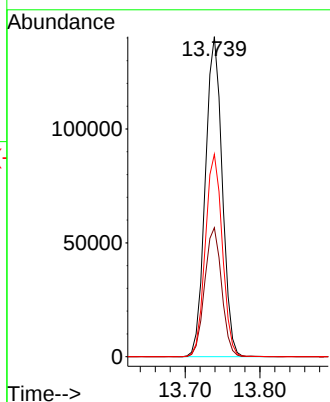
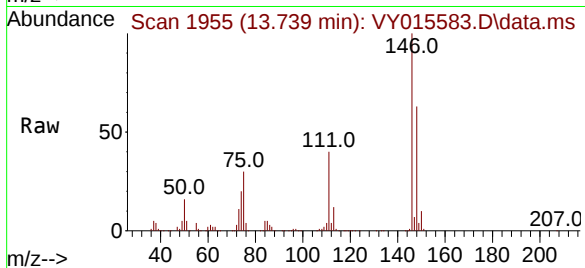
Tgt Ion:146 Resp: 220501

Ion Ratio Lower Upper

146 100

111 40.4 19.7 59.0

148 63.5 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 62.257 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY015583.D

Acq: 15 Sep 2023 20:33

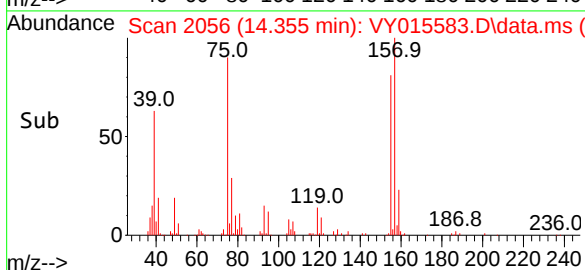
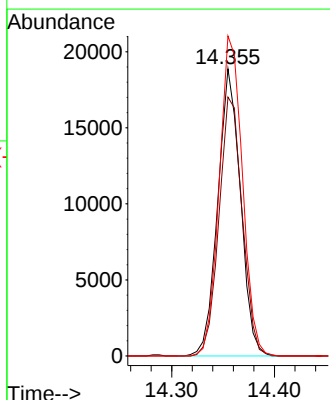
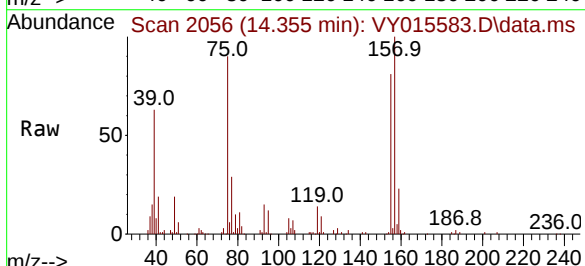
Tgt Ion: 75 Resp: 28792

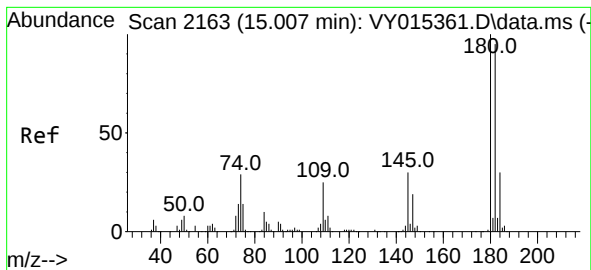
Ion Ratio Lower Upper

75 100

155 92.6 41.5 124.6

157 114.3 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 52.490 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015583.D

Acq: 15 Sep 2023 20:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

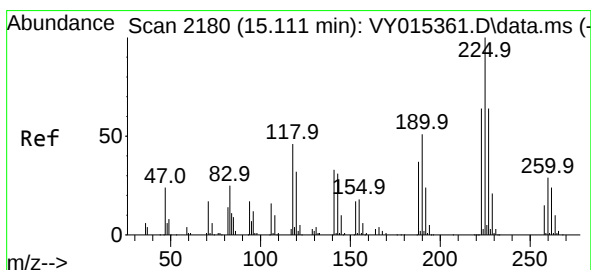
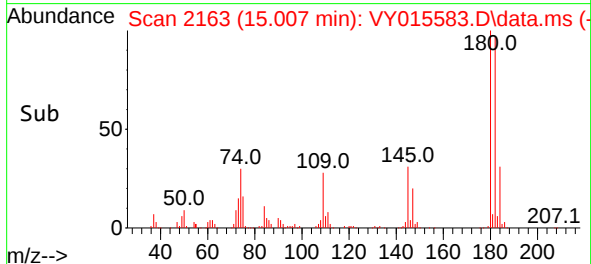
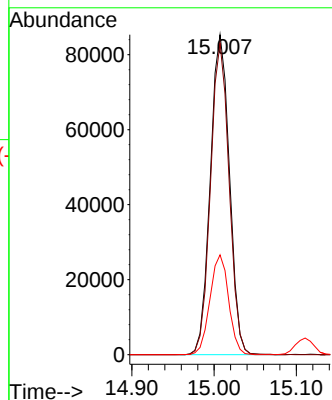
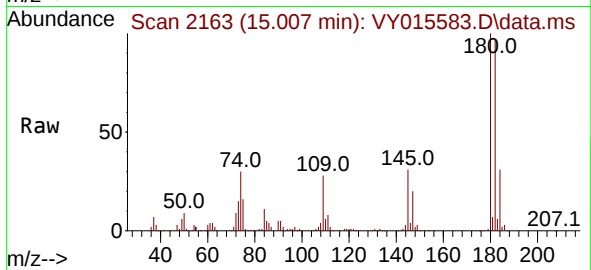
Tgt Ion:180 Resp: 137754

Ion Ratio Lower Upper

180 100

182 94.6 47.0 141.2

145 30.5 14.5 43.5



#94

Hexachlorobutadiene

Concen: 47.553 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015583.D

Acq: 15 Sep 2023 20:33

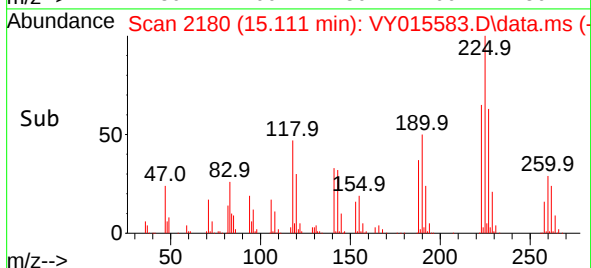
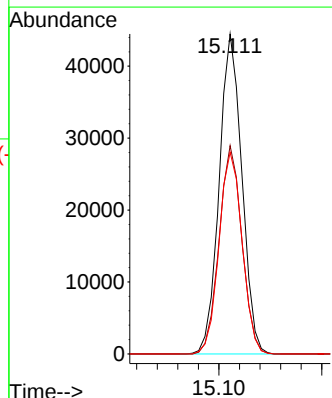
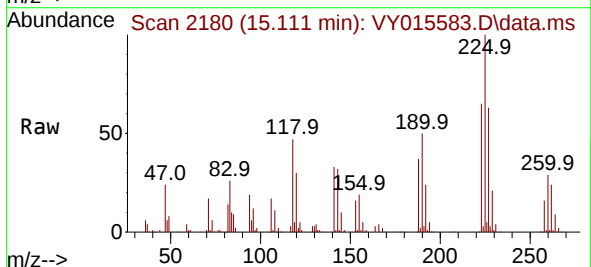
Tgt Ion:225 Resp: 68051

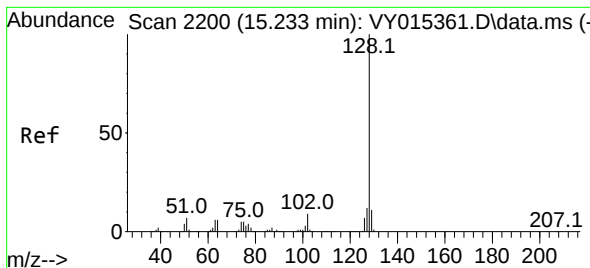
Ion Ratio Lower Upper

225 100

223 65.3 31.9 95.9

227 64.1 33.0 98.9

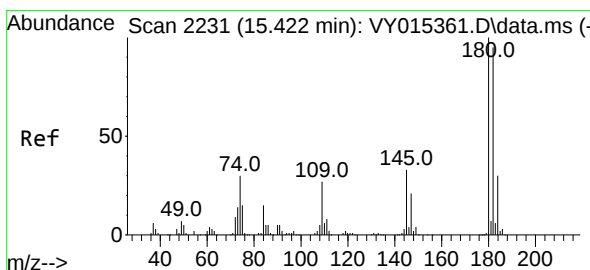
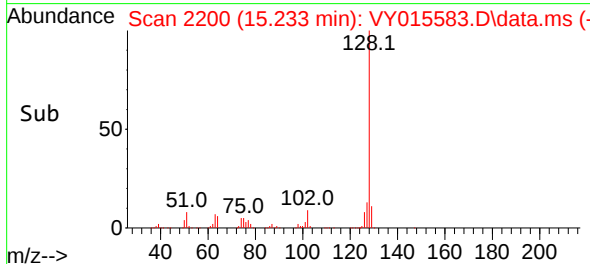
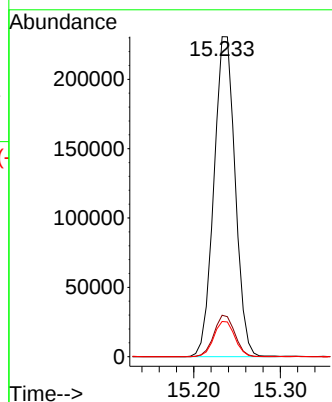
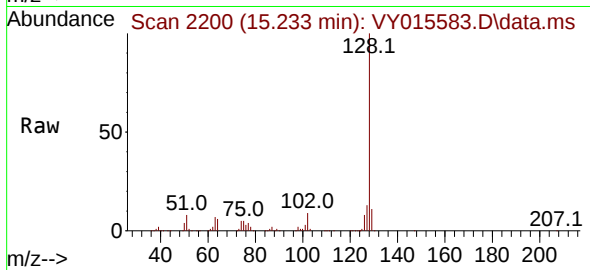




#95
Naphthalene
Concen: 60.475 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY015583.D
Acq: 15 Sep 2023 20:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 393144
Ion Ratio Lower Upper
128 100
127 12.8 10.8 16.2
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 54.095 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY015583.D
Acq: 15 Sep 2023 20:33

Tgt Ion:180 Resp: 129493
Ion Ratio Lower Upper
180 100
182 94.6 47.3 141.8
145 32.4 15.4 46.2

