

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091423\
 Data File : VY015553.D
 Acq On : 14 Sep 2023 22:58
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Sep 15 09:21:09 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	151980	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	253778	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	231409	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	121521	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	74415	45.676	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.360%
35) Dibromofluoromethane	7.722	113	68587	46.923	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.840%
50) Toluene-d8	10.185	98	228283	43.126	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.260%
62) 4-Bromofluorobenzene	12.483	95	90120	45.860	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.720%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	45509	34.448	ug/l	98
3) Chloromethane	2.113	50	76511	43.608	ug/l	97
4) Vinyl Chloride	2.247	62	90350	44.242	ug/l	95
5) Bromomethane	2.637	94	78472	54.004	ug/l	100
6) Chloroethane	2.790	64	63606	47.385	ug/l	98
7) Trichlorofluoromethane	3.119	101	130190	45.069	ug/l	100
8) Diethyl Ether	3.527	74	50769	51.427	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.899	101	72373	45.203	ug/l	96
10) Methyl Iodide	4.088	142	75258	40.027	ug/l	99
11) Tert butyl alcohol	4.966	59	80686	221.314	ug/l #	81
12) 1,1-Dichloroethene	3.869	96	72446	47.953	ug/l	90
13) Acrolein	3.729	56	68607	156.163	ug/l	99
14) Allyl chloride	4.478	41	116550	48.453	ug/l	97
15) Acrylonitrile	5.167	53	169550	272.938	ug/l	98
16) Acetone	3.954	43	143626	211.208	ug/l	93
17) Carbon Disulfide	4.192	76	209085	46.292	ug/l	99
18) Methyl Acetate	4.478	43	134173	54.474	ug/l	92
19) Methyl tert-butyl Ether	5.222	73	254608	51.852	ug/l	98
20) Methylene Chloride	4.716	84	114059	52.811	ug/l	92
21) trans-1,2-Dichloroethene	5.222	96	86167	49.530	ug/l	95
22) Diisopropyl ether	6.125	45	260622	49.540	ug/l	93
23) Vinyl Acetate	6.064	43	835298	251.477	ug/l	95
24) 1,1-Dichloroethane	6.021	63	151810	49.919	ug/l	97
25) 2-Butanone	6.990	43	248685	257.840	ug/l	96
26) 2,2-Dichloropropane	6.984	77	119921	46.427	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	101676	51.518	ug/l	94
28) Bromochloromethane	7.338	49	36957	39.628	ug/l	93
29) Tetrahydrofuran	7.350	42	163830	270.490	ug/l	91
30) Chloroform	7.508	83	161649	50.564	ug/l	97
31) Cyclohexane	7.789	56	126774	43.806	ug/l	88
32) 1,1,1-Trichloroethane	7.703	97	141854	49.677	ug/l	98
36) 1,1-Dichloropropene	7.917	75	121749	47.436	ug/l	99
37) Ethyl Acetate	7.076	43	103798	52.437	ug/l	96
38) Carbon Tetrachloride	7.905	117	127322	48.031	ug/l	98
39) Methylcyclohexane	9.185	83	145940	45.166	ug/l	94
40) Benzene	8.161	78	351959	49.151	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091423\
 Data File : VY015553.D
 Acq On : 14 Sep 2023 22:58
 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 15 09:21:09 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)
41) Methacrylonitrile	7.350	41	145201	156.423	ug/l #	30
42) 1,2-Dichloroethane	8.240	62	118401	49.586	ug/l	95
43) Isopropyl Acetate	8.277	43	178131	52.040	ug/l	97
44) Trichloroethene	8.941	130	102051	50.370	ug/l	100
45) 1,2-Dichloropropane	9.215	63	89041	49.326	ug/l	93
46) Dibromomethane	9.307	93	59870	49.929	ug/l	98
47) Bromodichloromethane	9.496	83	130548	50.910	ug/l	98
48) Methyl methacrylate	9.295	41	80424	51.209	ug/l	92
49) 1,4-Dioxane	9.301	88	23856	1071.095	ug/l #	61
51) 4-Methyl-2-Pentanone	10.069	43	532407	267.608	ug/l	93
52) Toluene	10.246	92	227236	49.511	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	136460	50.073	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	146286	49.346	ug/l	93
55) 1,1,2-Trichloroethane	10.648	97	82721	51.199	ug/l	95
56) Ethyl methacrylate	10.508	69	125463	52.402	ug/l	91
57) 1,3-Dichloropropane	10.788	76	142024	51.066	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	184742	216.176	ug/l	93
59) 2-Hexanone	10.831	43	394633	264.353	ug/l	91
60) Dibromochloromethane	10.983	129	97992	51.819	ug/l	99
61) 1,2-Dibromoethane	11.087	107	84490	51.609	ug/l	100
64) Tetrachloroethene	10.721	164	111989	53.317	ug/l	98
65) Chlorobenzene	11.514	112	245670	49.266	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	92090	50.456	ug/l	99
67) Ethyl Benzene	11.593	91	438250	48.944	ug/l	97
68) m/p-Xylenes	11.703	106	339115	97.707	ug/l	96
69) o-Xylene	12.032	106	163707	49.355	ug/l	98
70) Styrene	12.044	104	278396	49.917	ug/l	97
71) Bromoform	12.209	173	68829	54.061	ug/l #	99
73) Isopropylbenzene	12.331	105	425343	46.598	ug/l	100
74) N-amyl acetate	12.142	43	153810	50.156	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	106092	48.689	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	143712	89.179	ug/l #	100
77) Bromobenzene	12.611	156	103361	47.811	ug/l	97
78) n-propylbenzene	12.672	91	511348	46.297	ug/l	99
79) 2-Chlorotoluene	12.757	91	289647	46.755	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	356444	46.687	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	35429	48.497	ug/l	95
82) 4-Chlorotoluene	12.855	91	305856	47.505	ug/l	99
83) tert-Butylbenzene	13.074	119	306049	45.767	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	358185	47.251	ug/l	98
85) sec-Butylbenzene	13.251	105	458635	45.982	ug/l	100
86) p-Isopropyltoluene	13.367	119	388676	46.495	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	202204	47.377	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	204202	47.332	ug/l	99
89) n-Butylbenzene	13.696	91	357018	45.376	ug/l	97
90) Hexachloroethane	13.958	117	69783	46.675	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	187716	48.195	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	22311	51.761	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	115143	47.073	ug/l	99
94) Hexachlorobutadiene	15.111	225	59637	44.712	ug/l	97
95) Naphthalene	15.233	128	310061	51.172	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	105780	47.411	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091423\
Data File : VY015553.D
Acq On : 14 Sep 2023 22:58
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

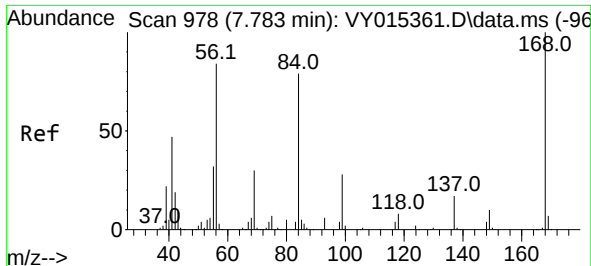
Quant Time: Sep 15 09:21:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Sep 15 09:21:09 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

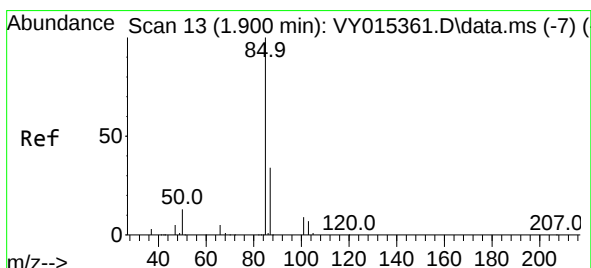
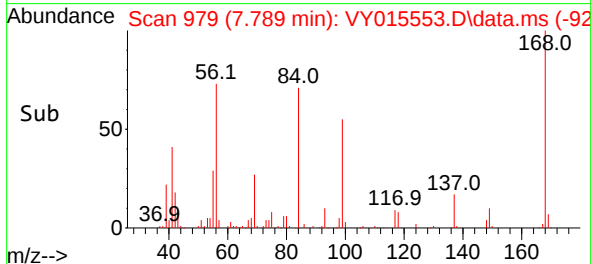
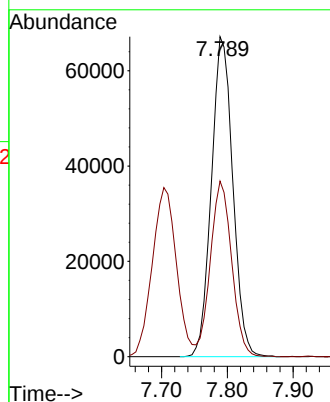
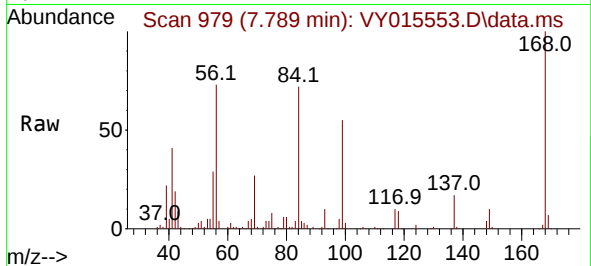




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015553.D
Acq: 14 Sep 2023 22:58

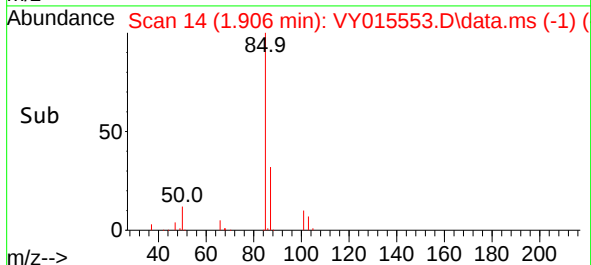
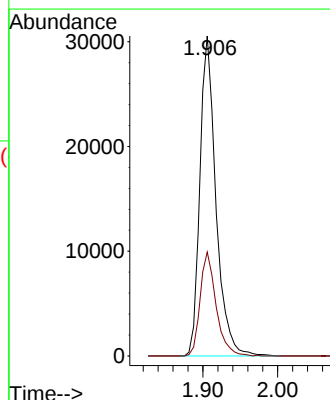
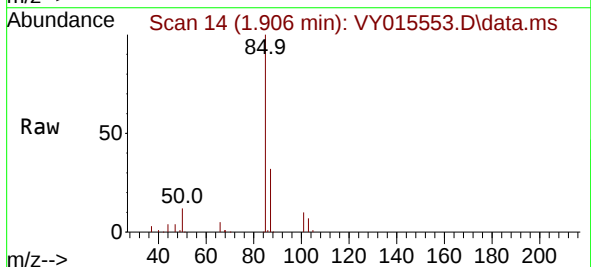
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

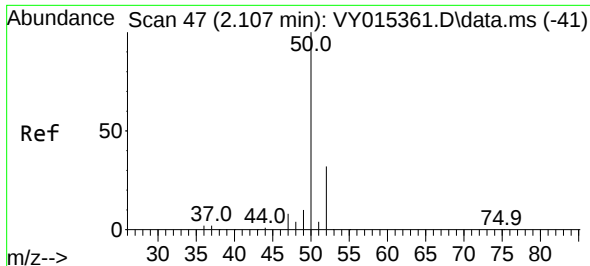
Tgt Ion:168 Resp: 151980
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 34.448 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015553.D
Acq: 14 Sep 2023 22:58

Tgt Ion: 85 Resp: 45509
Ion Ratio Lower Upper
85 100
87 32.5 15.6 46.8

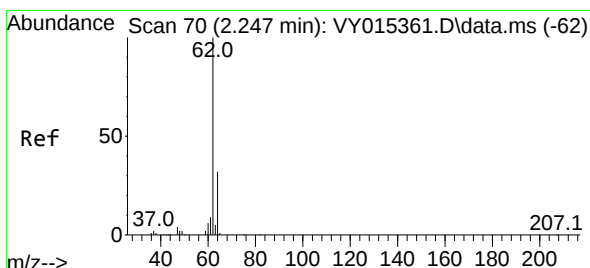
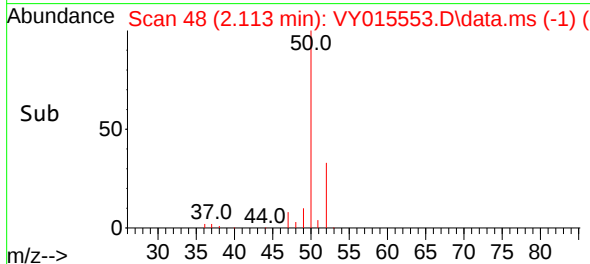
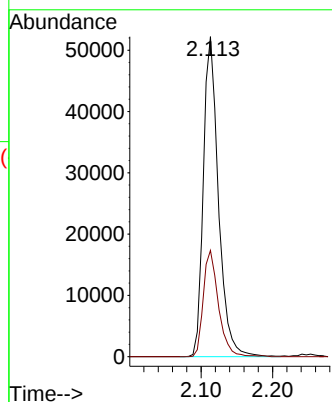
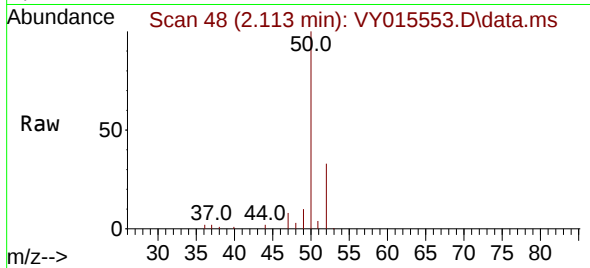




#3
Chloromethane
Concen: 43.608 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015553.D
Acq: 14 Sep 2023 22:58

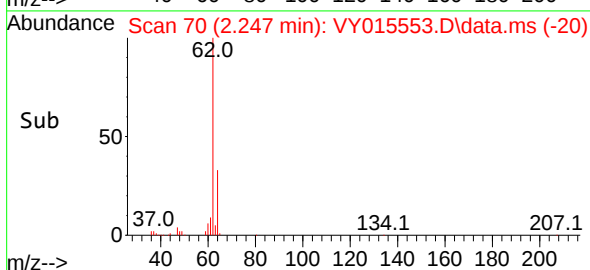
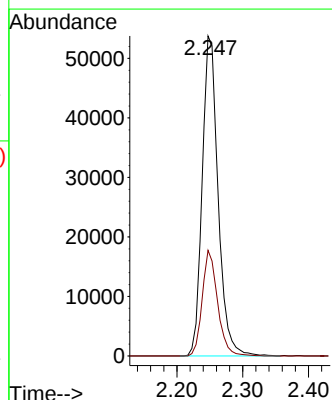
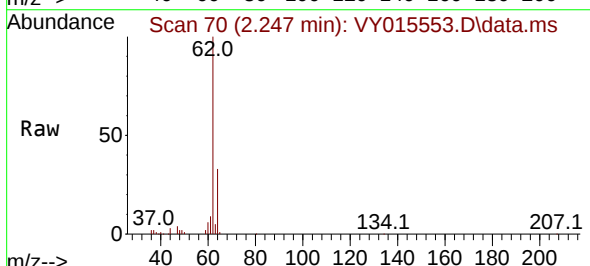
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

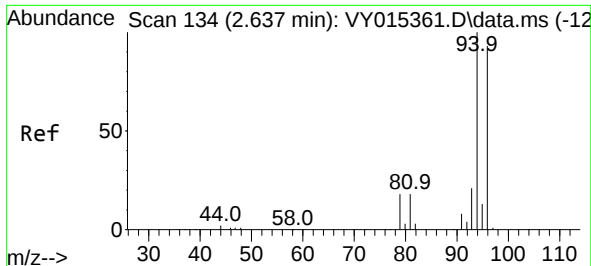
Tgt Ion: 50 Resp: 76511
Ion Ratio Lower Upper
50 100
52 33.2 25.4 38.2



#4
Vinyl Chloride
Concen: 44.242 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY015553.D
Acq: 14 Sep 2023 22:58

Tgt Ion: 62 Resp: 90350
Ion Ratio Lower Upper
62 100
64 33.0 24.3 36.5

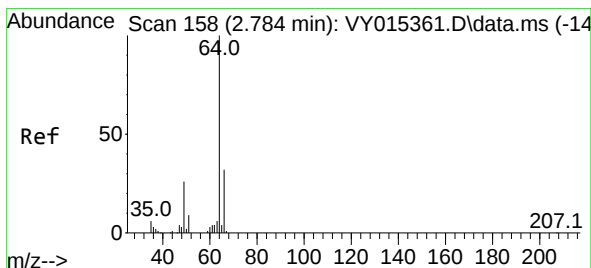
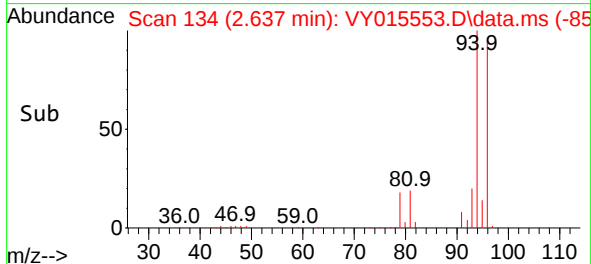
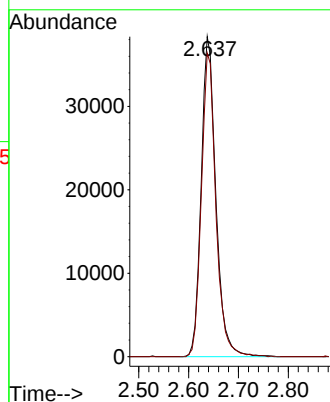
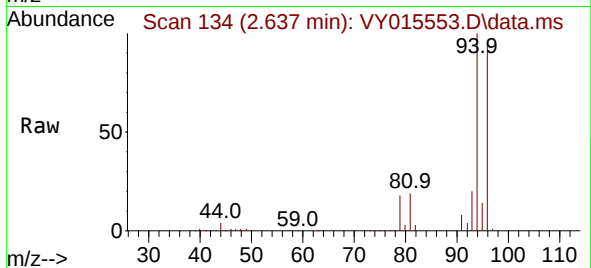




#5
Bromomethane
Concen: 54.004 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015553.D
Acq: 14 Sep 2023 22:58

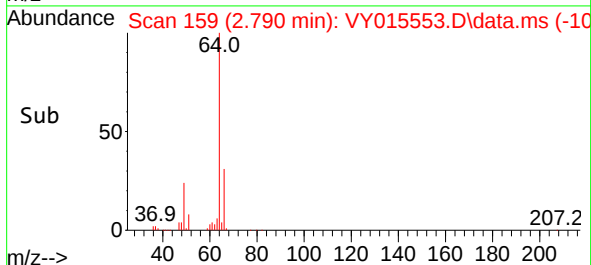
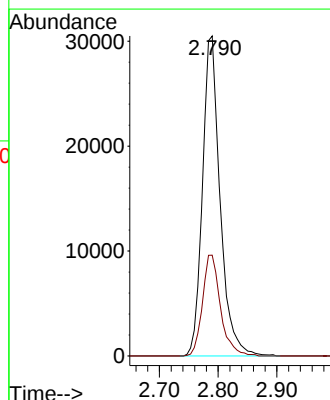
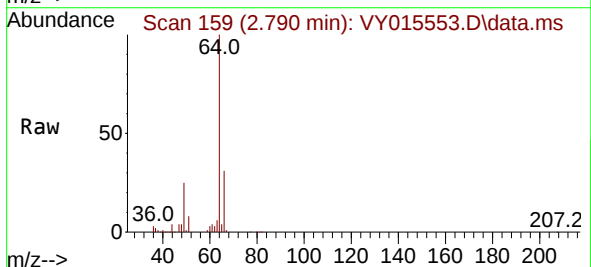
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

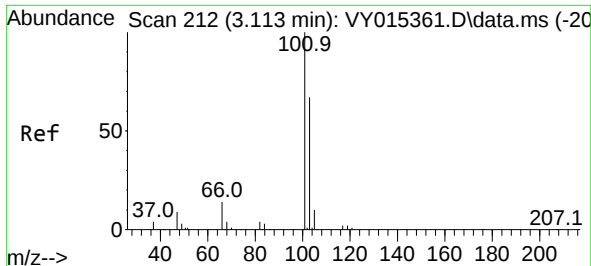
Tgt Ion: 94 Resp: 78472
Ion Ratio Lower Upper
94 100
96 94.9 75.8 113.6



#6
Chloroethane
Concen: 47.385 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY015553.D
Acq: 14 Sep 2023 22:58

Tgt Ion: 64 Resp: 63606
Ion Ratio Lower Upper
64 100
66 31.5 24.4 36.6

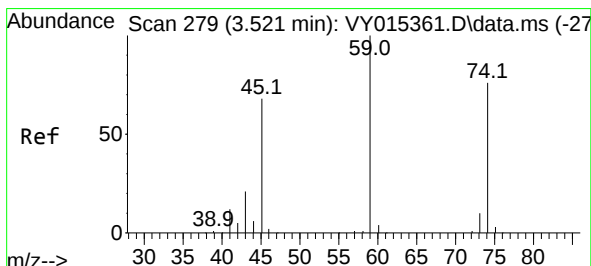
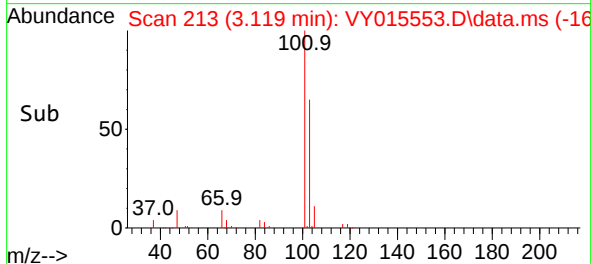
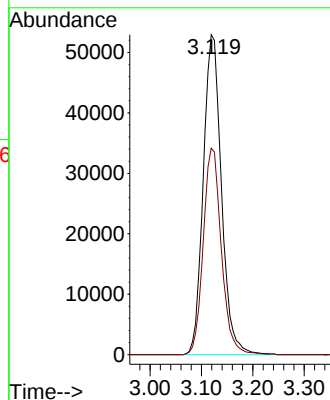
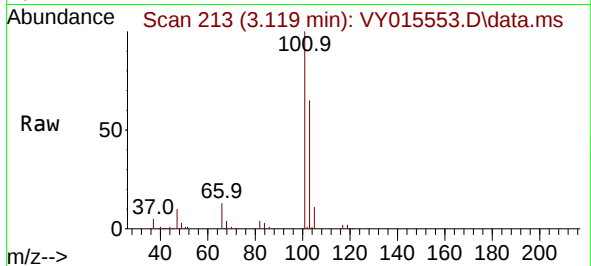




#7
 Trichlorofluoromethane
 Concen: 45.069 ug/l
 RT: 3.119 min Scan# 212
 Delta R.T. 0.006 min
 Lab File: VY015553.D
 Acq: 14 Sep 2023 22:58

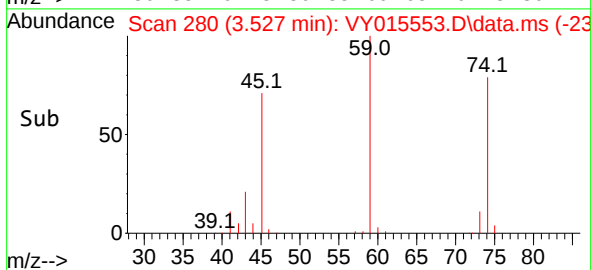
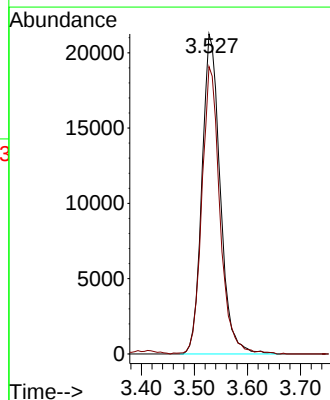
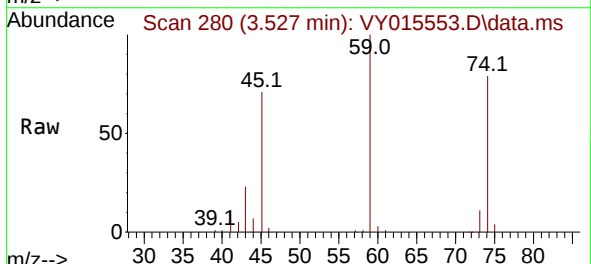
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

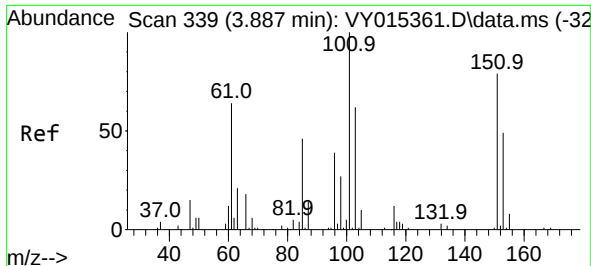
Tgt Ion:101 Resp: 130190
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.4 77.0



#8
 Diethyl Ether
 Concen: 51.427 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.006 min
 Lab File: VY015553.D
 Acq: 14 Sep 2023 22:58

Tgt Ion: 74 Resp: 50769
 Ion Ratio Lower Upper
 74 100
 45 88.9 51.5 154.5

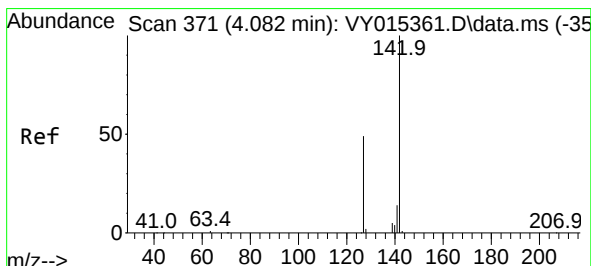
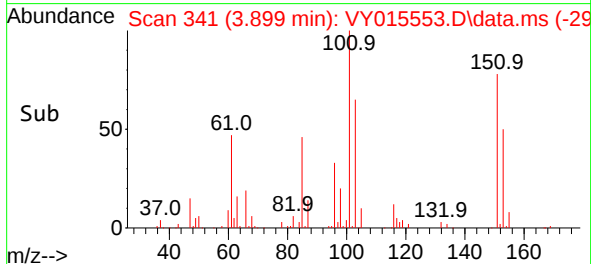
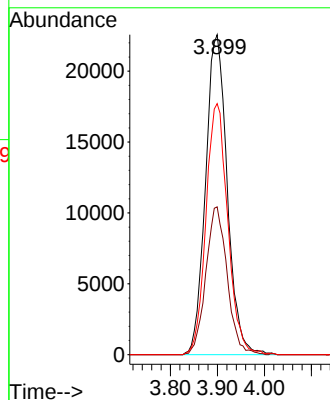
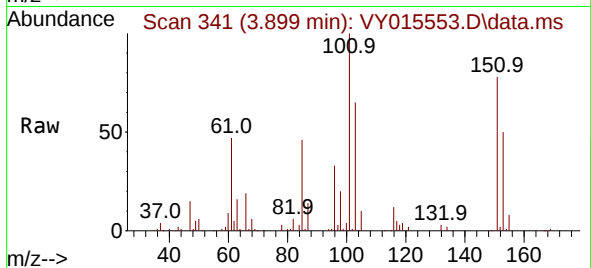




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.203 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY015553.D
Acq: 14 Sep 2023 22:58

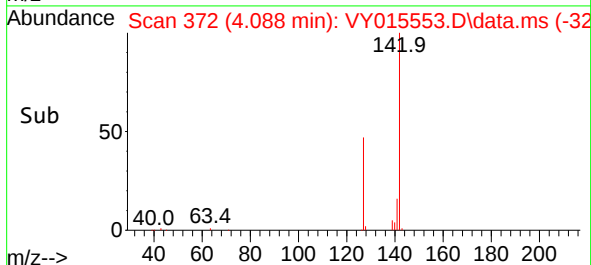
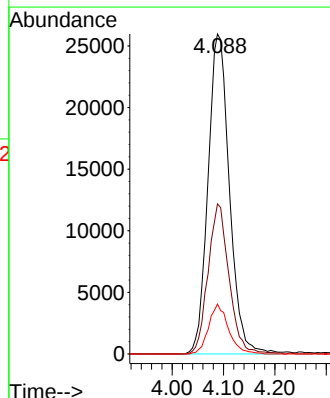
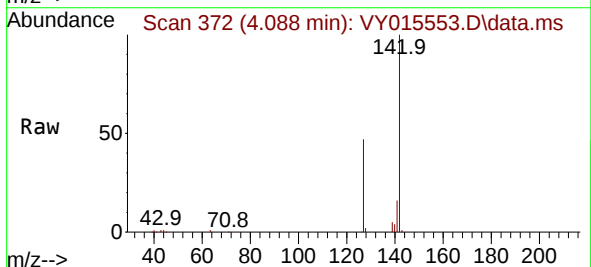
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

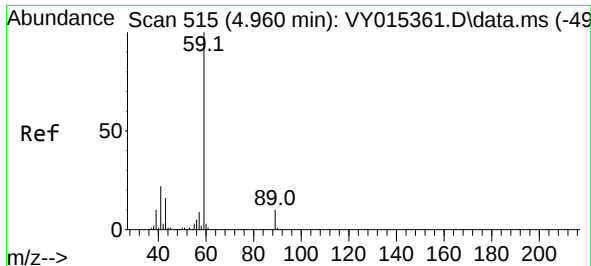
Tgt Ion:101 Resp: 72373
Ion Ratio Lower Upper
101 100
85 45.5 36.6 55.0
151 79.0 67.0 100.6



#10
Methyl Iodide
Concen: 40.027 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY015553.D
Acq: 14 Sep 2023 22:58

Tgt Ion:142 Resp: 75258
Ion Ratio Lower Upper
142 100
127 46.0 37.6 56.4
141 14.5 11.8 17.8

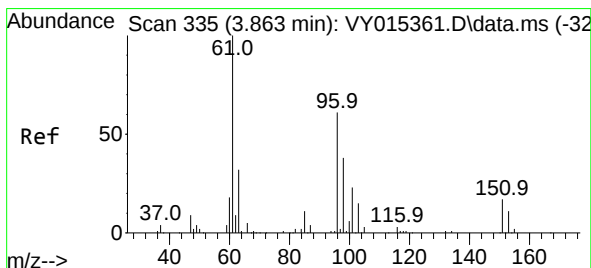
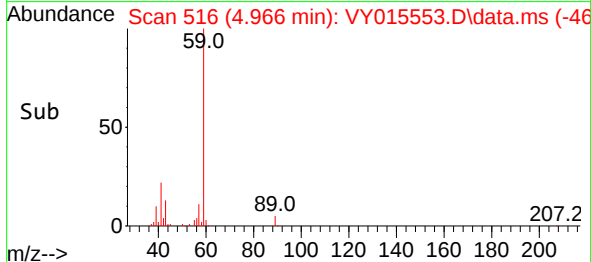
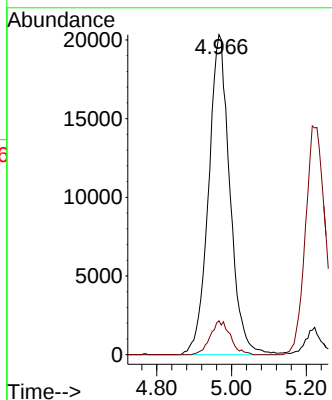
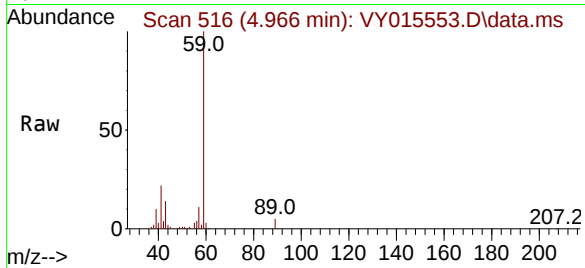




#11
Tert butyl alcohol
Concen: 221.314 ug/l
RT: 4.966 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY015553.D
Acq: 14 Sep 2023 22:58

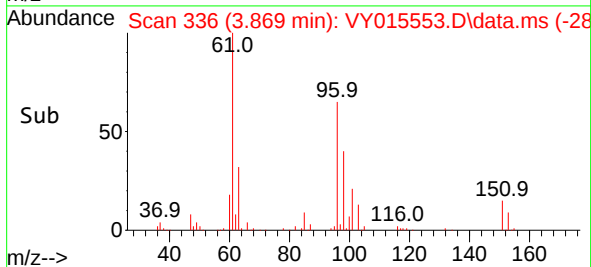
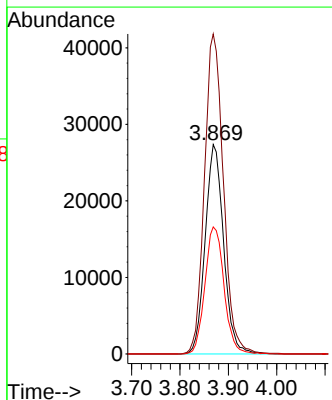
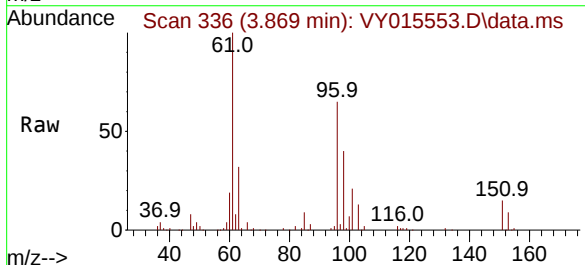
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

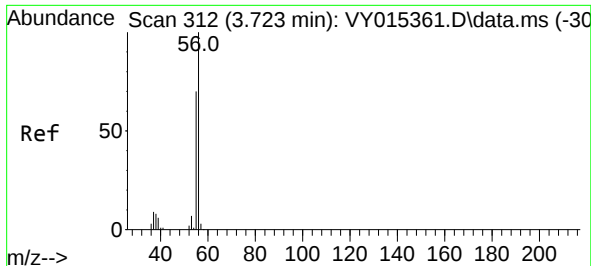
Tgt Ion: 59 Resp: 80686
Ion Ratio Lower Upper
59 100
57 9.9 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 47.953 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY015553.D
Acq: 14 Sep 2023 22:58

Tgt Ion: 96 Resp: 72446
Ion Ratio Lower Upper
96 100
61 152.8 136.4 204.6
98 60.7 49.4 74.2





#13

Acrolein

Concen: 156.163 ug/l

RT: 3.729 min Scan# 312

Delta R.T. 0.006 min

Lab File: VY015553.D

Acq: 14 Sep 2023 22:58

Instrument :

MSVOA_Y

ClientSampleId :

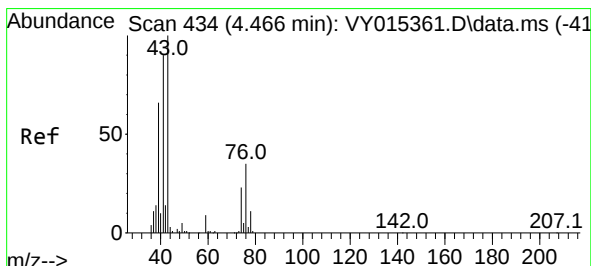
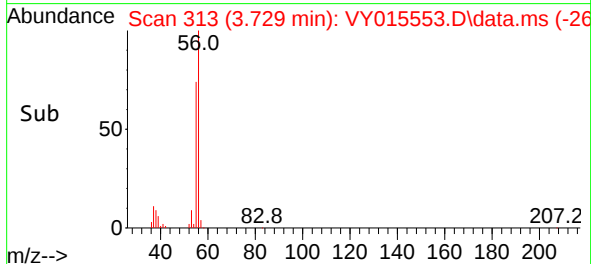
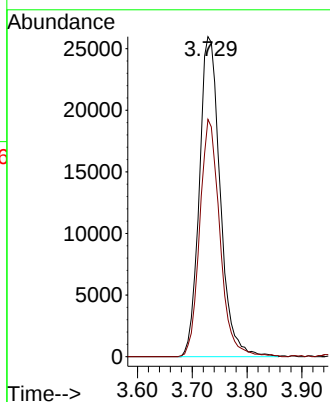
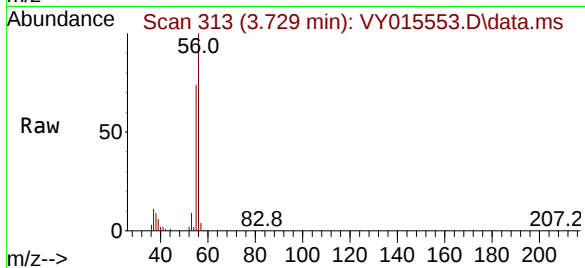
VSTDCCC050EC

Tgt Ion: 56 Resp: 68607

Ion Ratio Lower Upper

56 100

55 71.8 57.0 85.4



#14

Allyl chloride

Concen: 48.453 ug/l

RT: 4.478 min Scan# 436

Delta R.T. 0.006 min

Lab File: VY015553.D

Acq: 14 Sep 2023 22:58

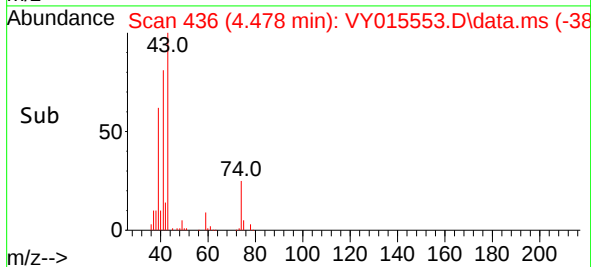
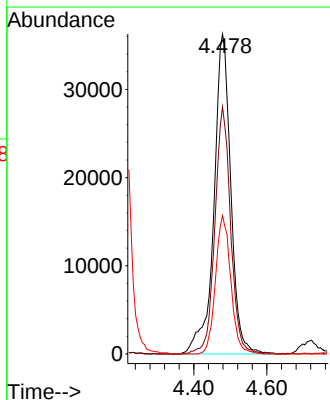
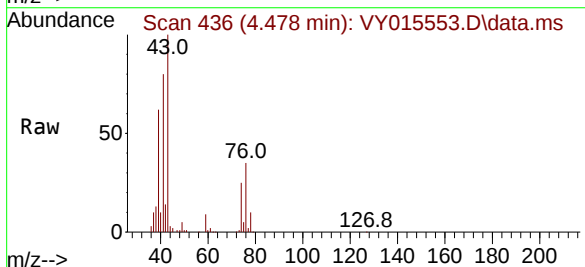
Tgt Ion: 41 Resp: 116550

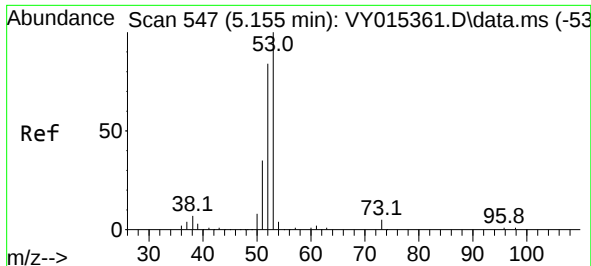
Ion Ratio Lower Upper

41 100

39 72.1 58.0 87.0

76 39.0 27.4 41.2

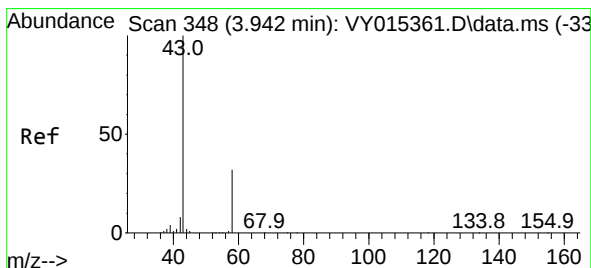
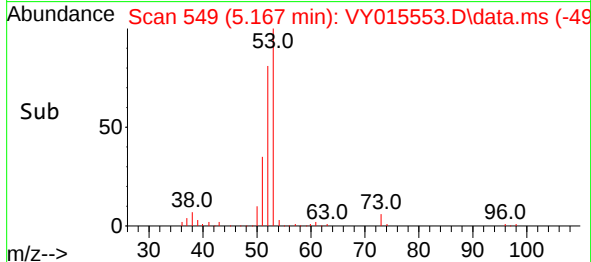
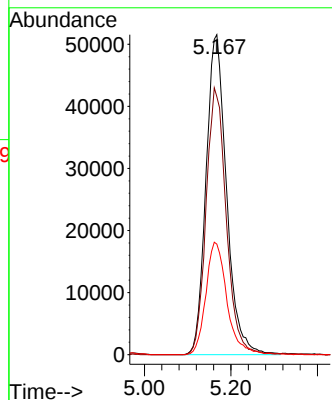
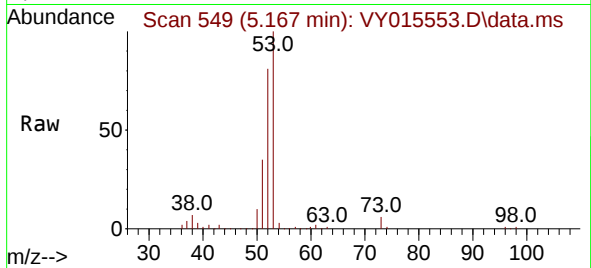




#15
Acrylonitrile
Concen: 272.938 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY015553.D
Acq: 14 Sep 2023 22:58

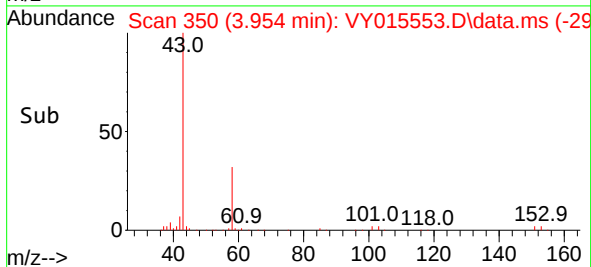
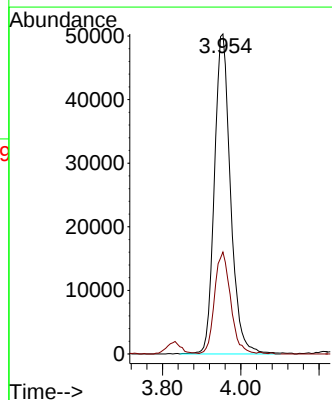
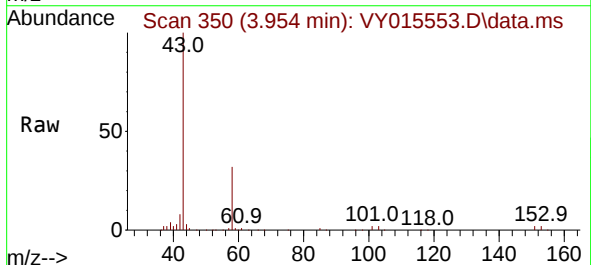
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

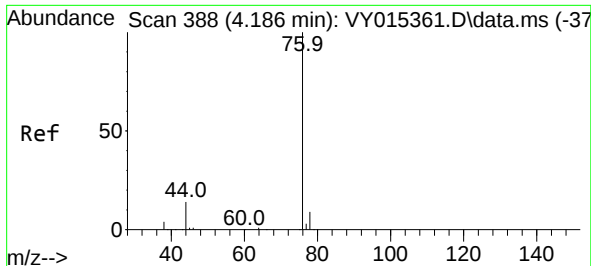
Tgt Ion: 53 Resp: 169550
Ion Ratio Lower Upper
53 100
52 81.8 66.9 100.3
51 36.3 29.8 44.6



#16
Acetone
Concen: 211.208 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015553.D
Acq: 14 Sep 2023 22:58

Tgt Ion: 43 Resp: 143626
Ion Ratio Lower Upper
43 100
58 31.9 22.7 34.1

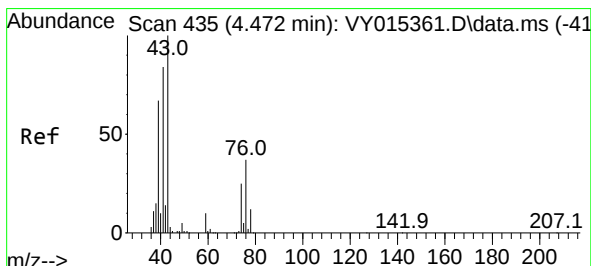
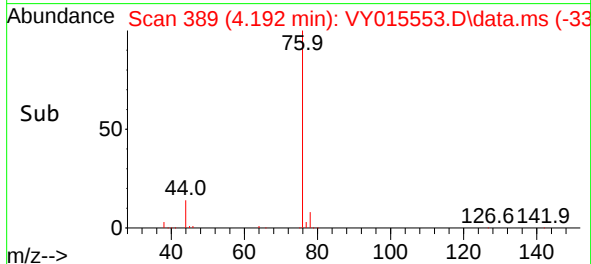
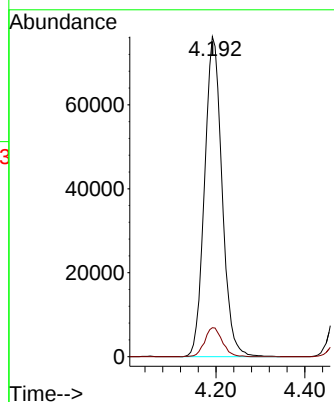
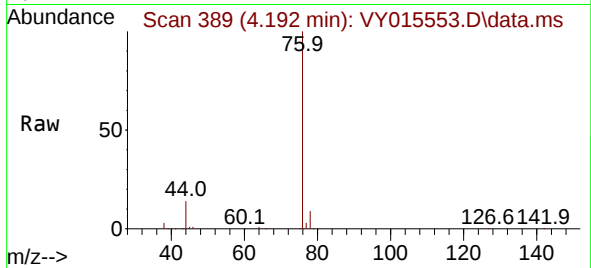




#17
Carbon Disulfide
Concen: 46.292 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY015553.D
Acq: 14 Sep 2023 22:58

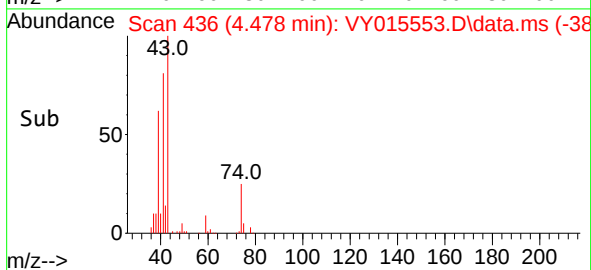
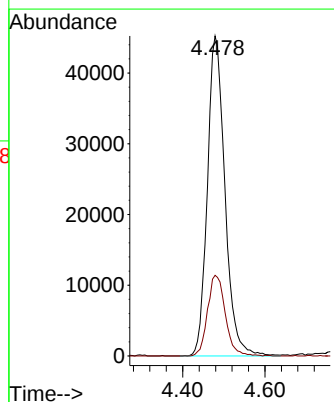
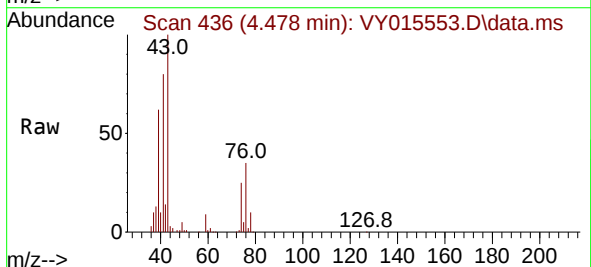
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 209085
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4



#18
Methyl Acetate
Concen: 54.474 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY015553.D
Acq: 14 Sep 2023 22:58

Tgt Ion: 43 Resp: 134173
Ion Ratio Lower Upper
43 100
74 25.5 17.4 26.0

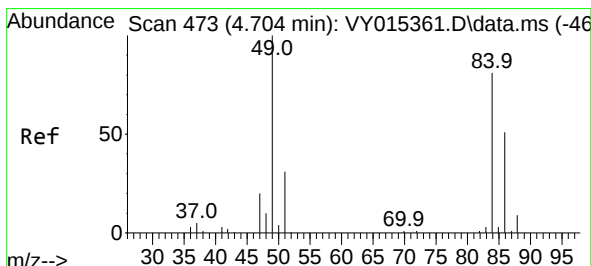
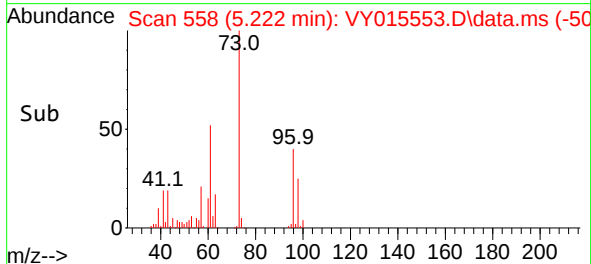
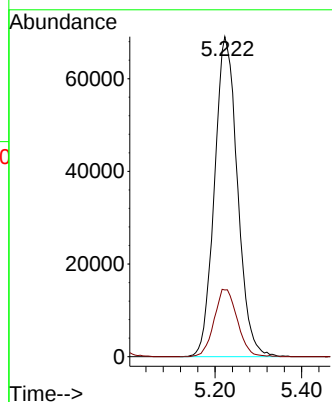
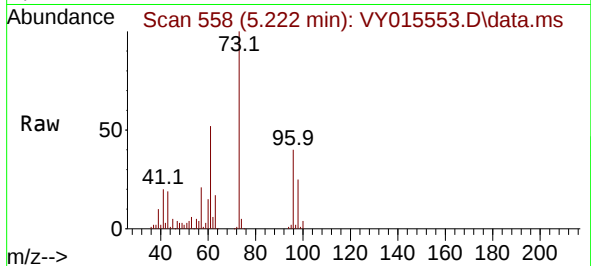




#19
Methyl tert-butyl Ether
Concen: 51.852 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY015553.D
Acq: 14 Sep 2023 22:58

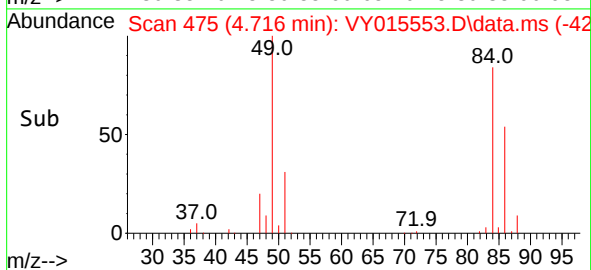
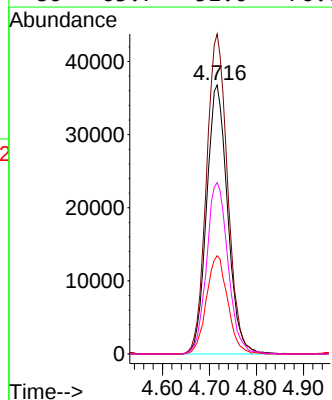
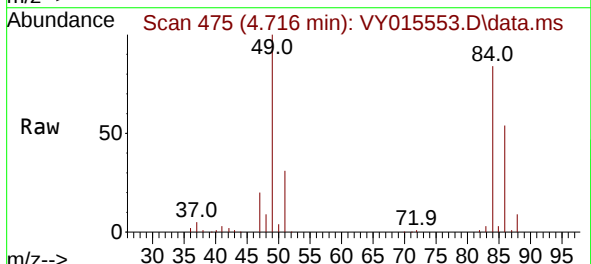
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

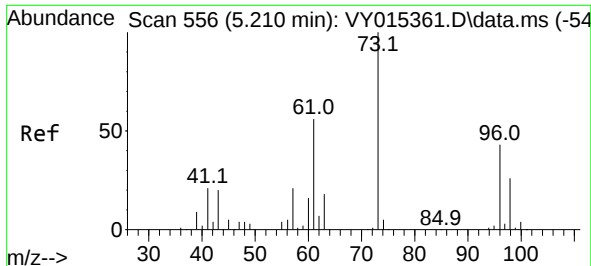
Tgt Ion: 73 Resp: 254608
Ion Ratio Lower Upper
73 100
57 20.9 17.3 25.9



#20
Methylene Chloride
Concen: 52.811 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY015553.D
Acq: 14 Sep 2023 22:58

Tgt Ion: 84 Resp: 114059
Ion Ratio Lower Upper
84 100
49 119.1 106.9 160.3
51 36.6 33.2 49.8
86 63.7 51.0 76.6

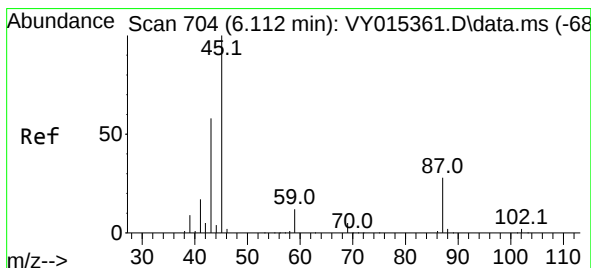
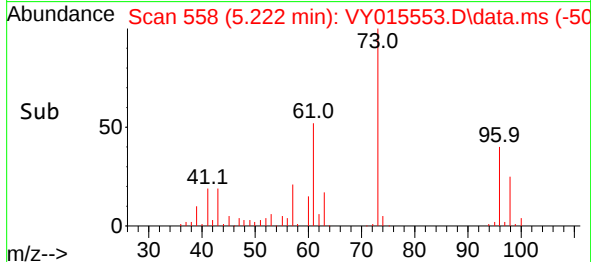
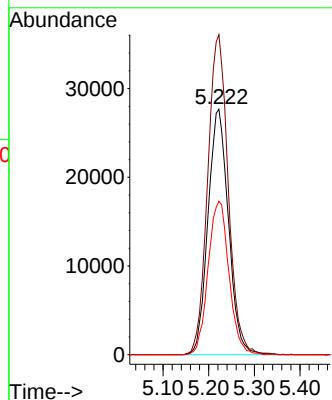
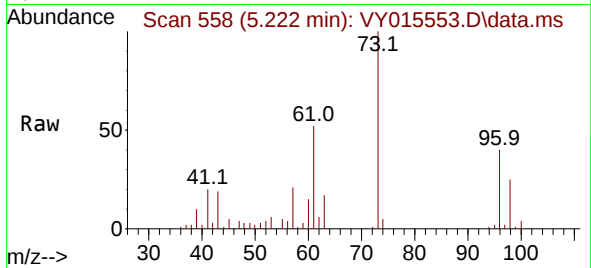




#21
trans-1,2-Dichloroethene
Concen: 49.530 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY015553.D
Acq: 14 Sep 2023 22:58

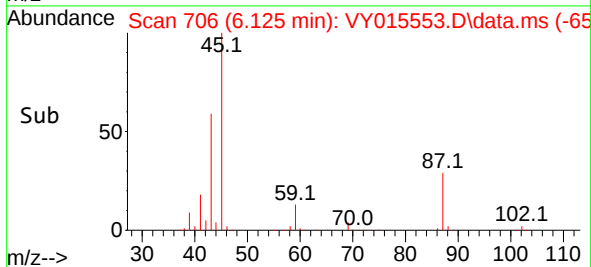
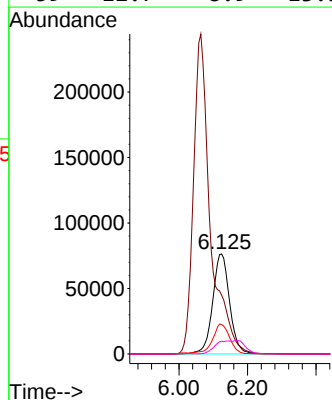
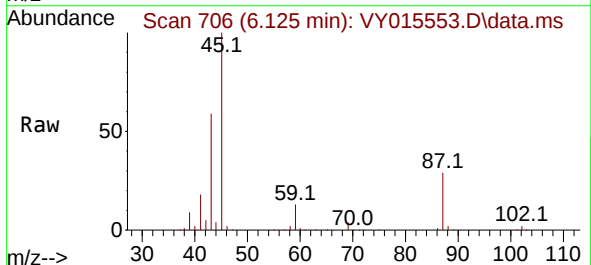
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

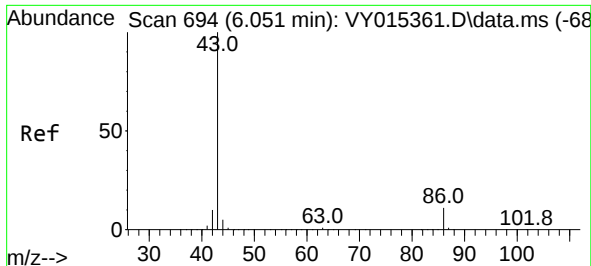
Tgt Ion: 96 Resp: 86167
Ion Ratio Lower Upper
96 100
61 130.4 110.2 165.4
98 62.5 51.8 77.6



#22
Diisopropyl ether
Concen: 49.540 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.012 min
Lab File: VY015553.D
Acq: 14 Sep 2023 22:58

Tgt Ion: 45 Resp: 260622
Ion Ratio Lower Upper
45 100
43 58.5 52.2 78.4
87 29.4 21.0 31.6
59 12.7 8.9 13.3

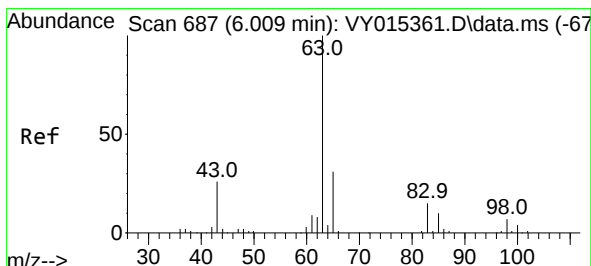
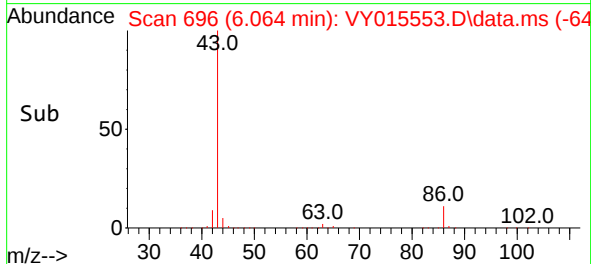
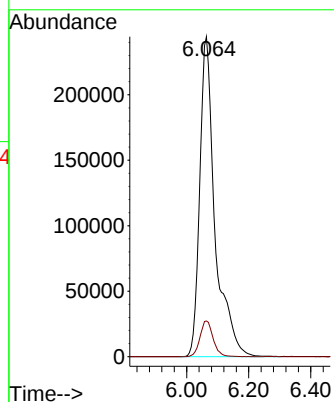
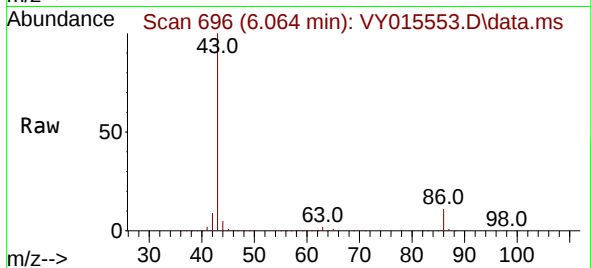




#23
 Vinyl Acetate
 Concen: 251.477 ug/l
 RT: 6.064 min Scan# 694
 Delta R.T. 0.012 min
 Lab File: VY015553.D
 Acq: 14 Sep 2023 22:58

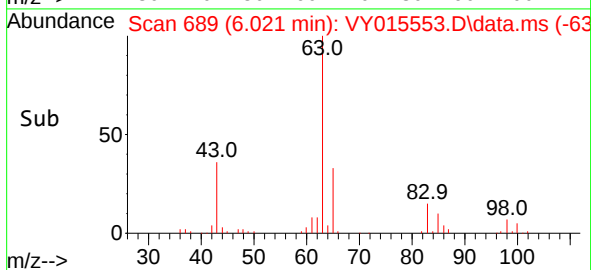
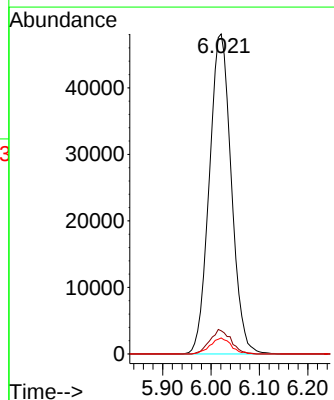
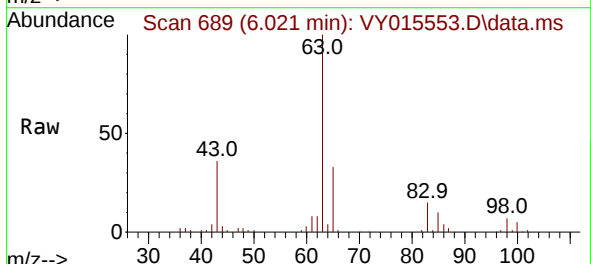
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

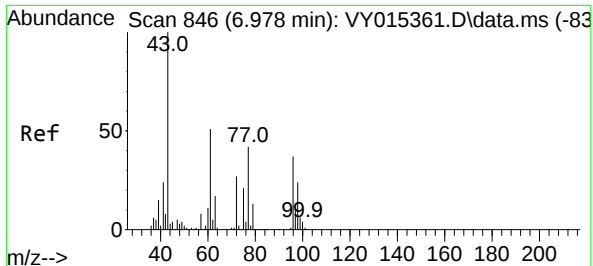
Tgt Ion: 43 Resp: 835298
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 49.919 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.018 min
 Lab File: VY015553.D
 Acq: 14 Sep 2023 22:58

Tgt Ion: 63 Resp: 151810
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.1 9.4
 100 5.0 1.8 5.5

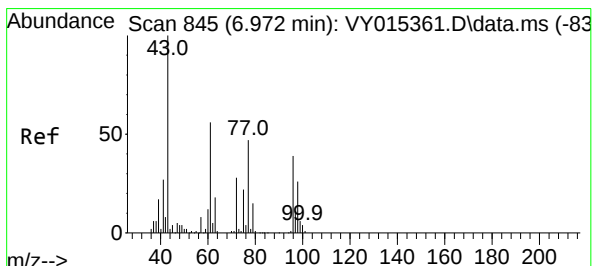
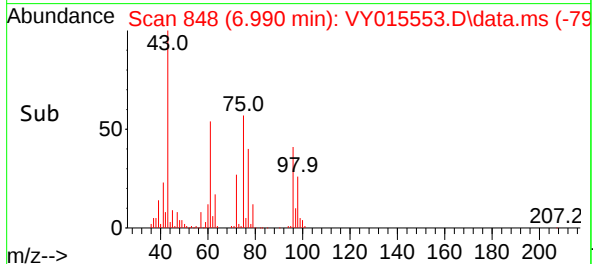
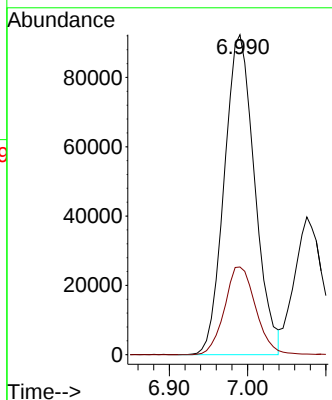
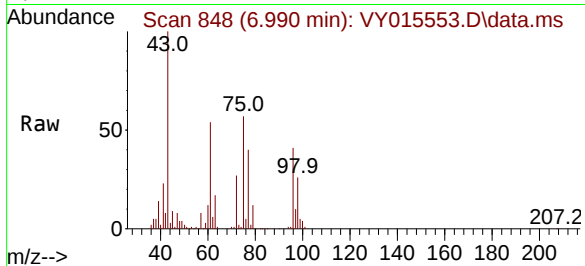




#25
2-Butanone
Concen: 257.840 ug/l
RT: 6.990 min Scan# 846
Delta R.T. 0.012 min
Lab File: VY015553.D
Acq: 14 Sep 2023 22:58

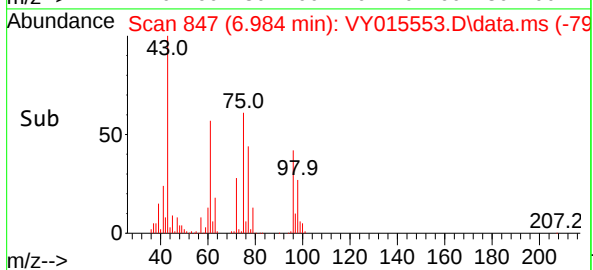
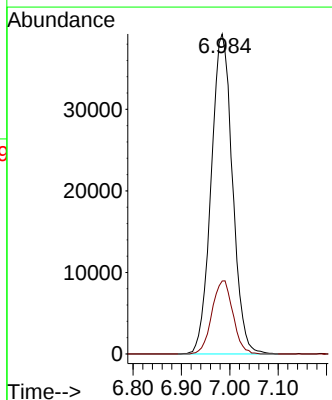
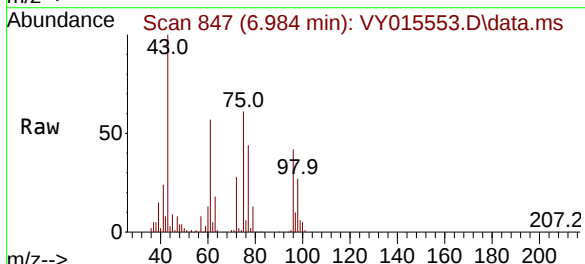
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

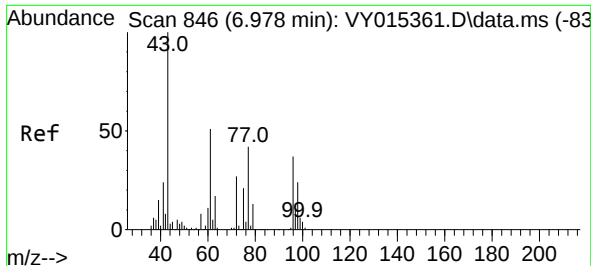
Tgt Ion: 43 Resp: 248685
Ion Ratio Lower Upper
43 100
72 27.4 20.5 30.7



#26
2,2-Dichloropropane
Concen: 46.427 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.012 min
Lab File: VY015553.D
Acq: 14 Sep 2023 22:58

Tgt Ion: 77 Resp: 119921
Ion Ratio Lower Upper
77 100
97 22.5 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 51.518 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY015553.D

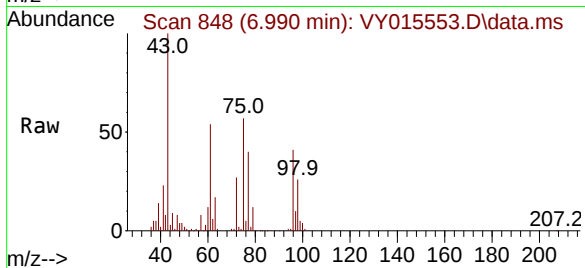
Acq: 14 Sep 2023 22:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



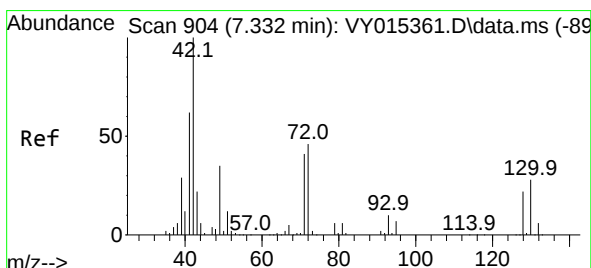
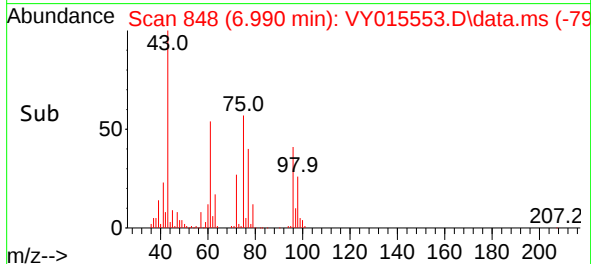
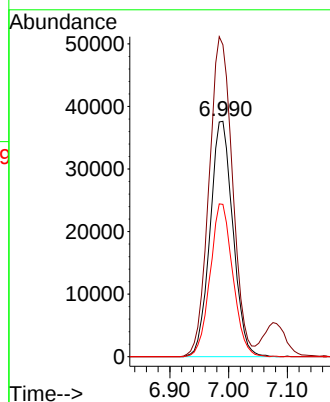
Tgt Ion: 96 Resp: 101676

Ion Ratio Lower Upper

96 100

61 139.9 0.0 301.4

98 64.5 0.0 130.4



#28

Bromochloromethane

Concen: 39.628 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.012 min

Lab File: VY015553.D

Acq: 14 Sep 2023 22:58

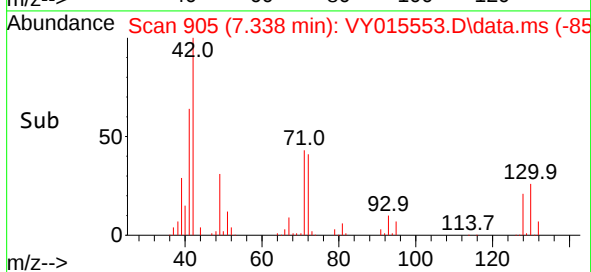
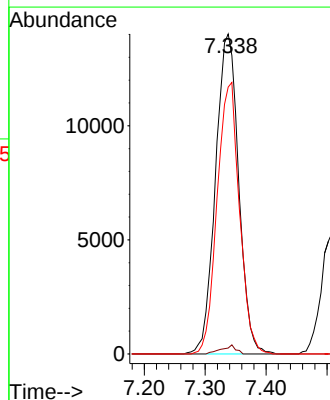
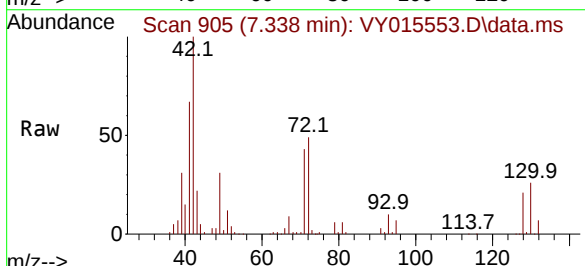
Tgt Ion: 49 Resp: 36957

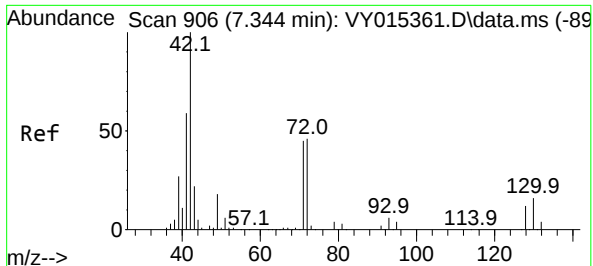
Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.6

130 81.9 60.7 91.1





#29

Tetrahydrofuran

Concen: 270.490 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY015553.D

Acq: 14 Sep 2023 22:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

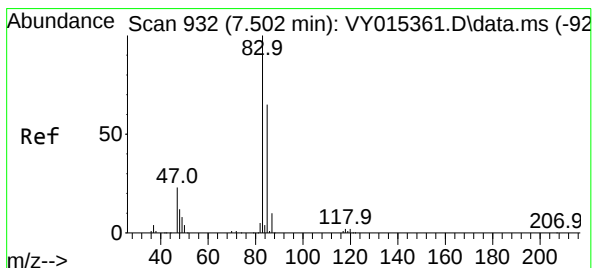
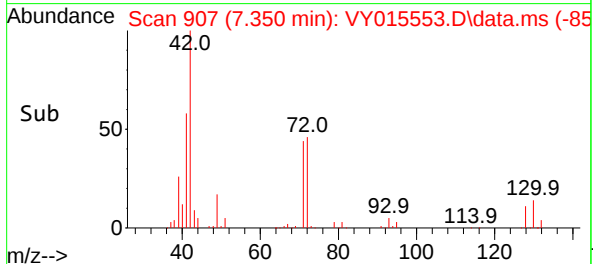
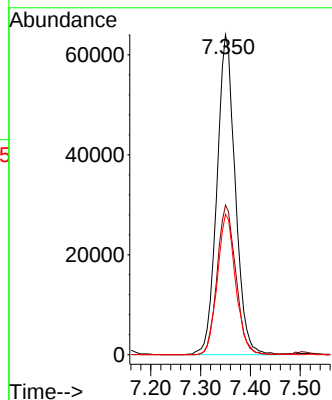
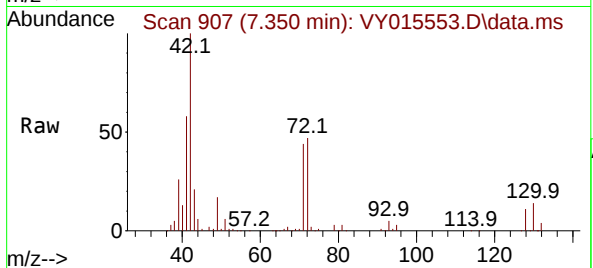
Tgt Ion: 42 Resp: 163830

Ion Ratio Lower Upper

42 100

72 47.5 32.8 49.2

71 43.5 31.0 46.4



#30

Chloroform

Concen: 50.564 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.012 min

Lab File: VY015553.D

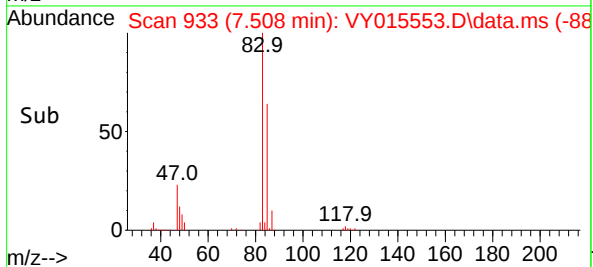
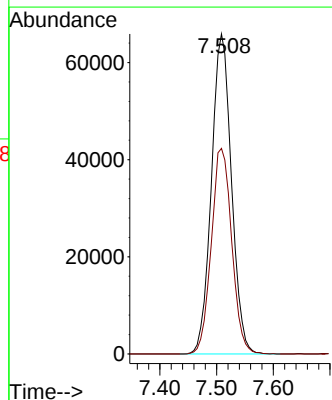
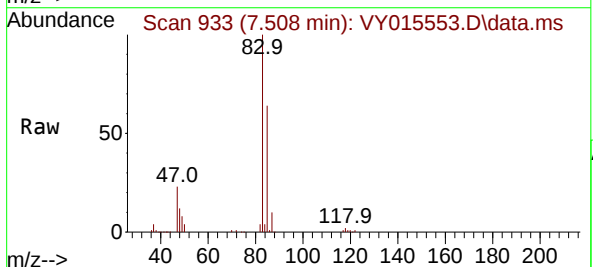
Acq: 14 Sep 2023 22:58

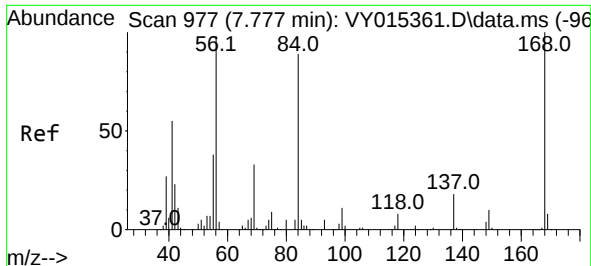
Tgt Ion: 83 Resp: 161649

Ion Ratio Lower Upper

83 100

85 64.2 49.7 74.5

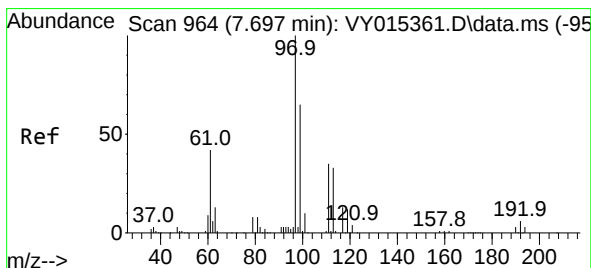
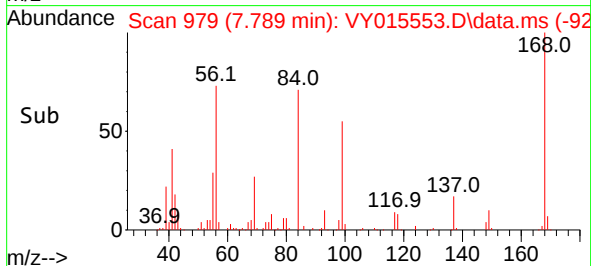
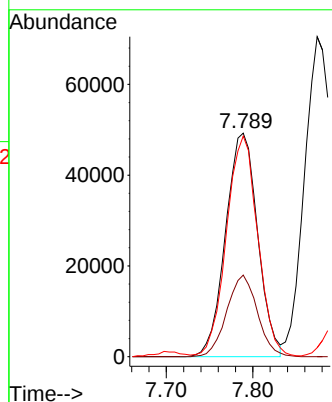
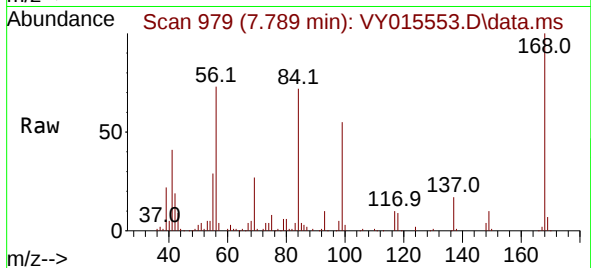




#31
Cyclohexane
Concen: 43.806 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015553.D
Acq: 14 Sep 2023 22:58

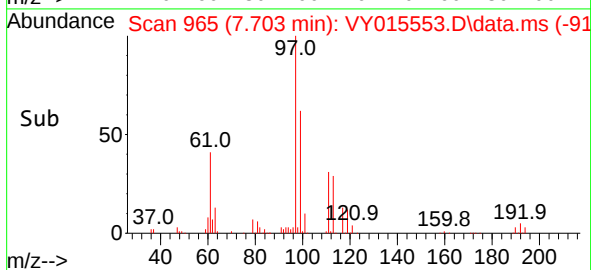
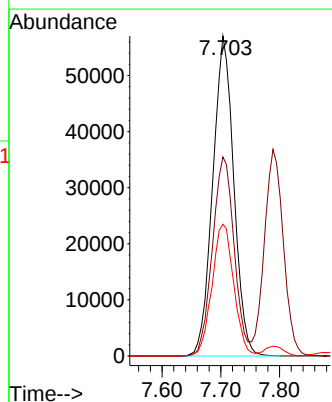
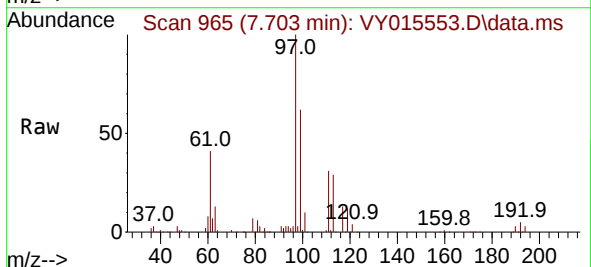
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

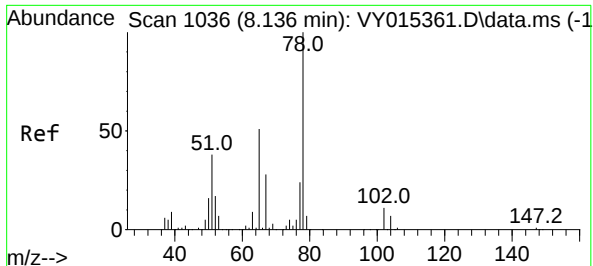
Tgt Ion: 56 Resp: 126774
Ion Ratio Lower Upper
56 100
69 36.5 27.8 41.6
84 97.4 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 49.677 ug/l
RT: 7.703 min Scan# 965
Delta R.T. 0.012 min
Lab File: VY015553.D
Acq: 14 Sep 2023 22:58

Tgt Ion: 97 Resp: 141854
Ion Ratio Lower Upper
97 100
99 64.4 50.8 76.2
61 42.5 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 45.676 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY015553.D

Acq: 14 Sep 2023 22:58

Instrument :

MSVOA_Y

ClientSampleId :

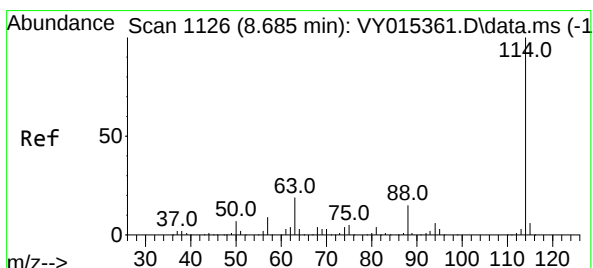
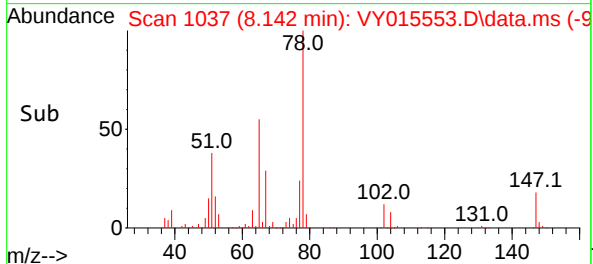
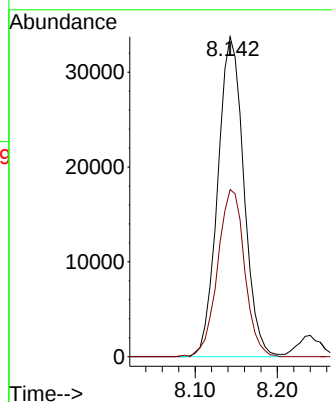
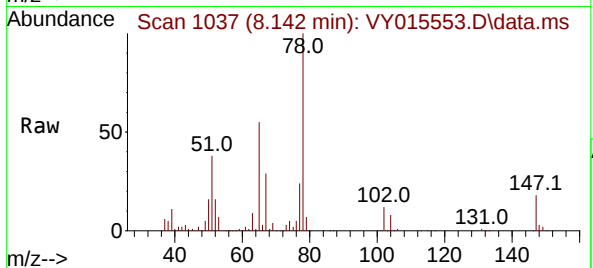
VSTDCCC050EC

Tgt Ion: 65 Resp: 74415

Ion Ratio Lower Upper

65 100

67 54.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015553.D

Acq: 14 Sep 2023 22:58

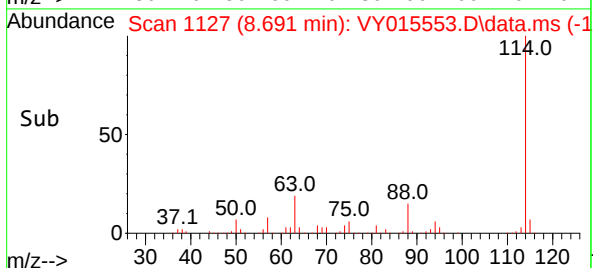
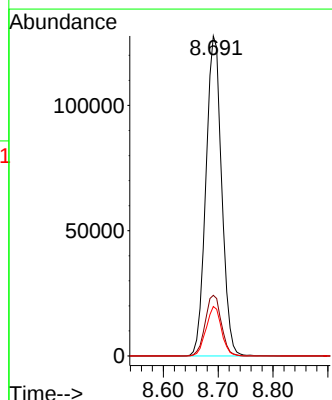
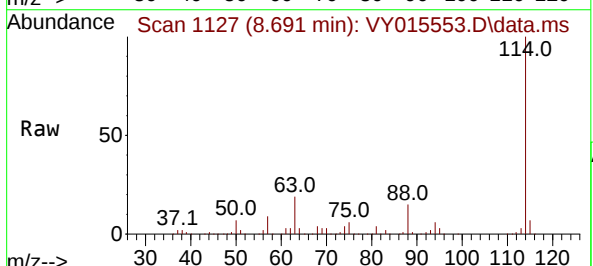
Tgt Ion: 114 Resp: 253778

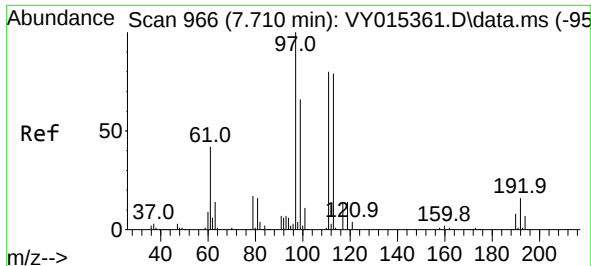
Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 15.5 0.0 30.6

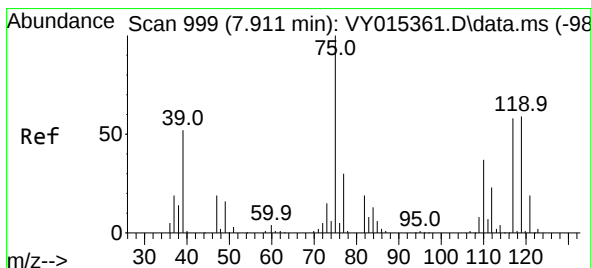
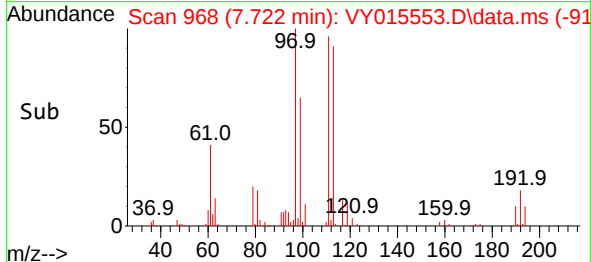
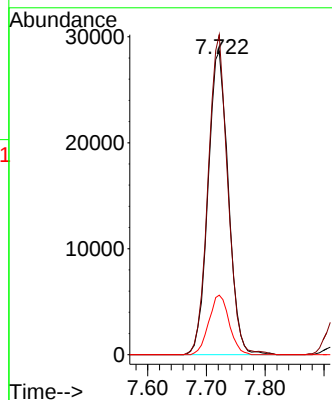
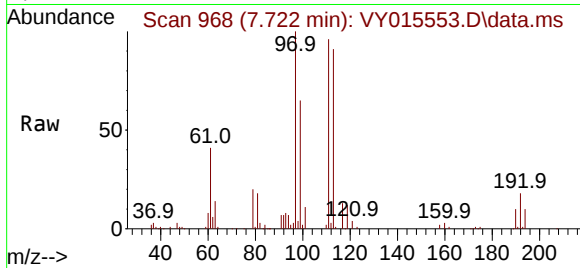




#35
Dibromofluoromethane
Concen: 46.923 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015553.D
Acq: 14 Sep 2023 22:58

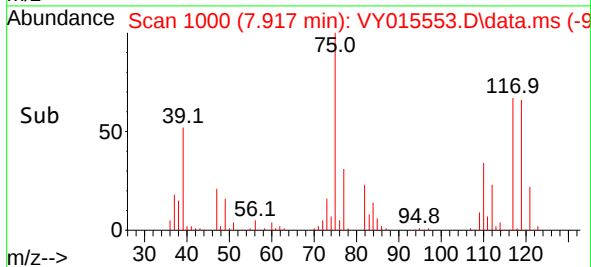
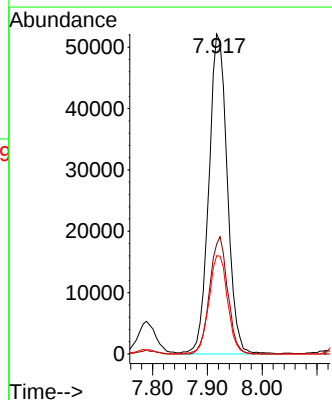
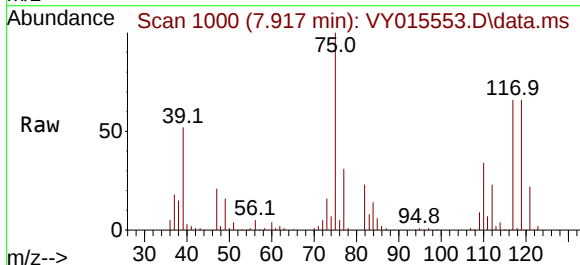
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

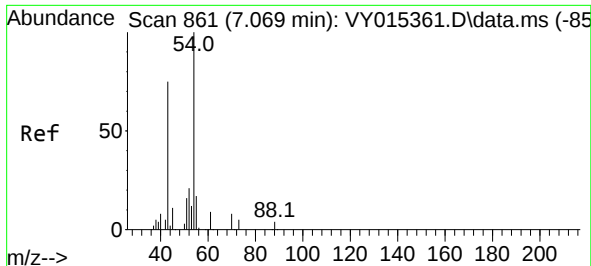
Tgt Ion:113 Resp: 68587
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 47.436 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY015553.D
Acq: 14 Sep 2023 22:58

Tgt Ion: 75 Resp: 121749
Ion Ratio Lower Upper
75 100
110 35.6 17.8 53.5
77 31.1 24.4 36.6





#37

Ethyl Acetate

Concen: 52.437 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.012 min

Lab File: VY015553.D

Acq: 14 Sep 2023 22:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

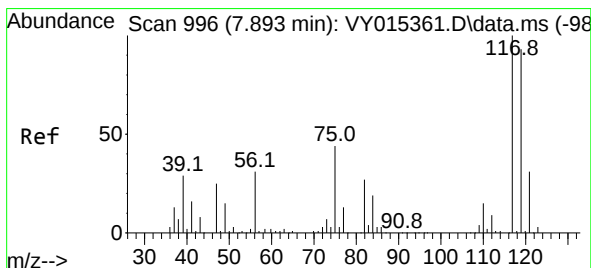
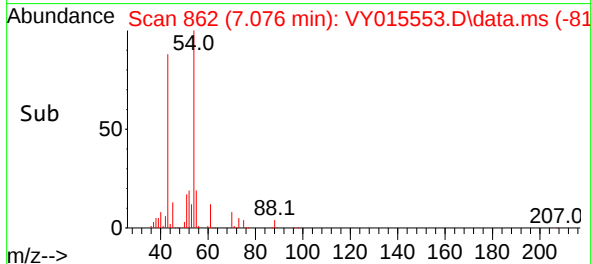
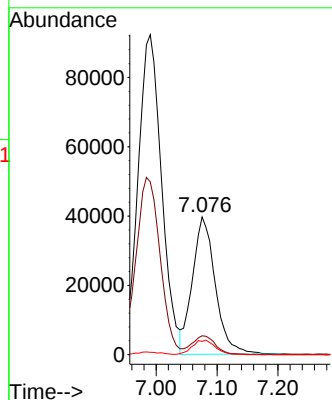
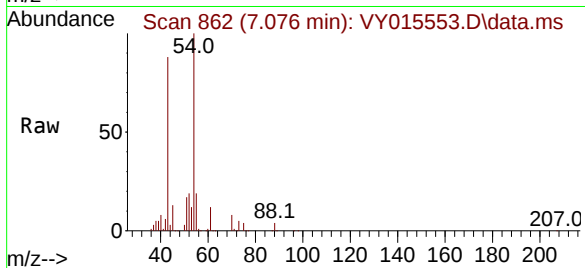
Tgt Ion: 43 Resp: 103798

Ion Ratio Lower Upper

43 100

61 14.0 10.1 15.1

70 10.6 7.1 10.7



#38

Carbon Tetrachloride

Concen: 48.031 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.012 min

Lab File: VY015553.D

Acq: 14 Sep 2023 22:58

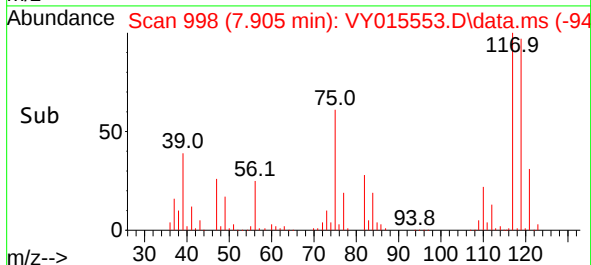
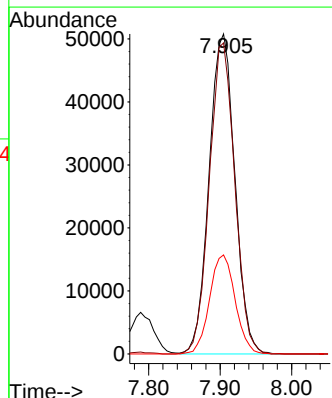
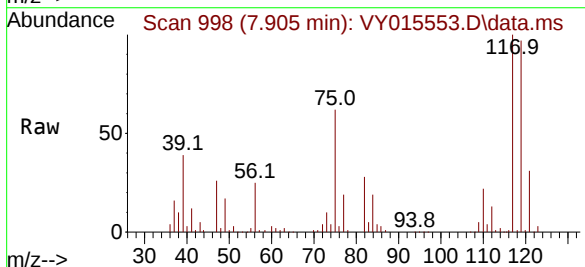
Tgt Ion: 117 Resp: 127322

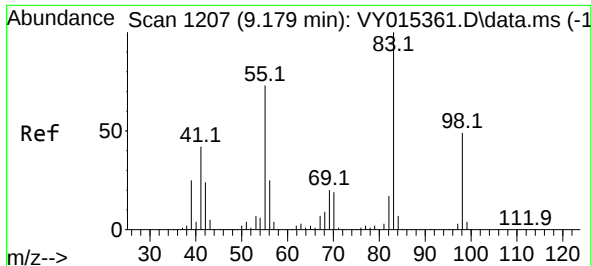
Ion Ratio Lower Upper

117 100

119 97.1 76.4 114.6

121 31.0 25.8 38.6





#39

Methylcyclohexane

Concen: 45.166 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015553.D

Acq: 14 Sep 2023 22:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

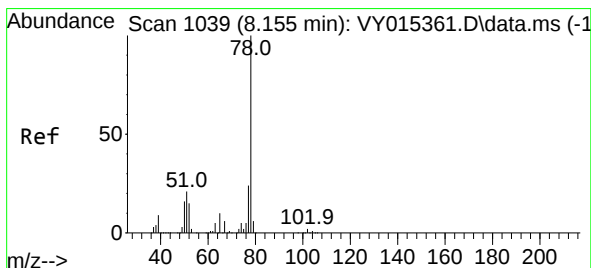
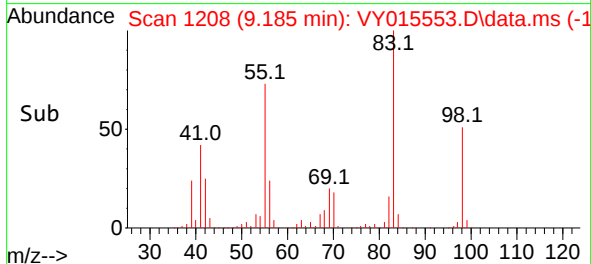
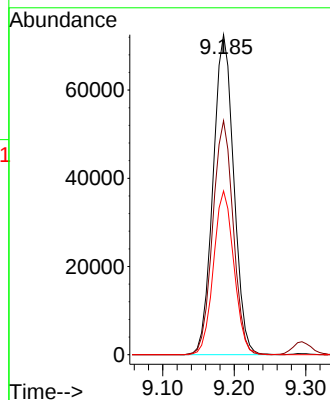
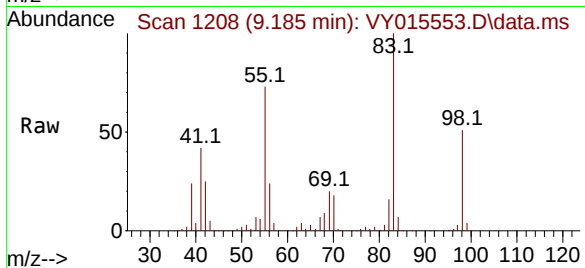
Tgt Ion: 83 Resp: 145940

Ion Ratio Lower Upper

83 100

55 73.1 63.0 94.4

98 51.1 37.4 56.2



#40

Benzene

Concen: 49.151 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.012 min

Lab File: VY015553.D

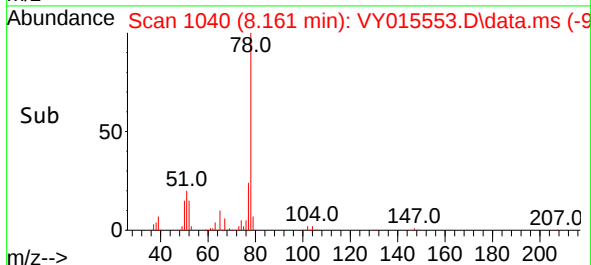
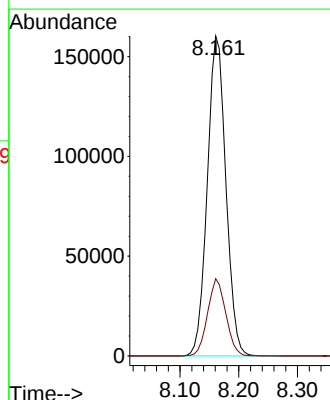
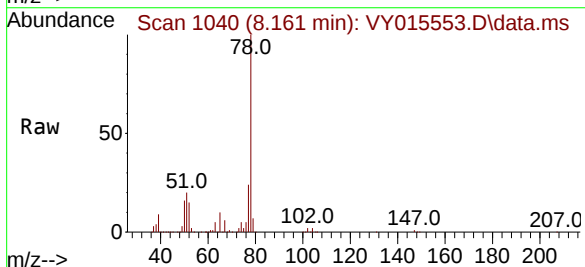
Acq: 14 Sep 2023 22:58

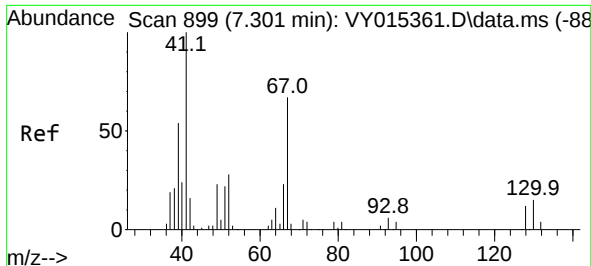
Tgt Ion: 78 Resp: 351959

Ion Ratio Lower Upper

78 100

77 24.2 19.0 28.6

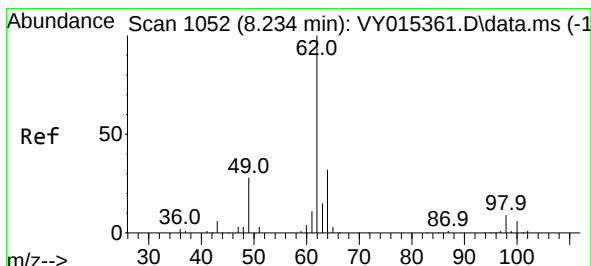
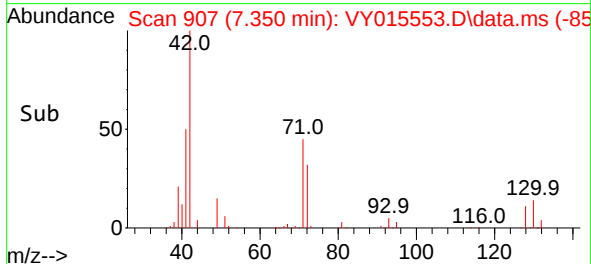
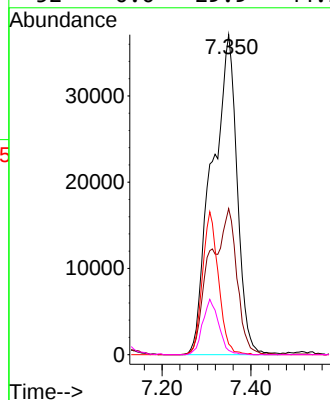
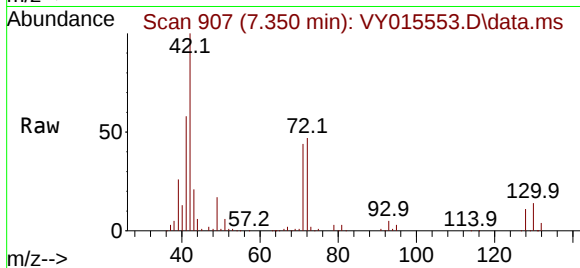




#41
Methacrylonitrile
Concen: 156.423 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.037 min
Lab File: VY015553.D
Acq: 14 Sep 2023 22:58

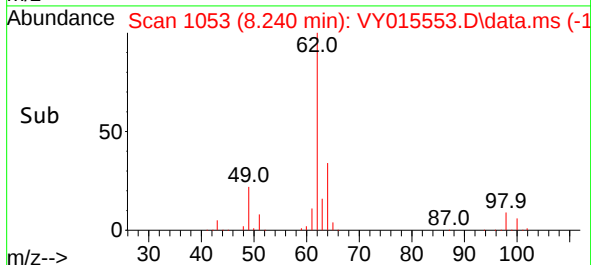
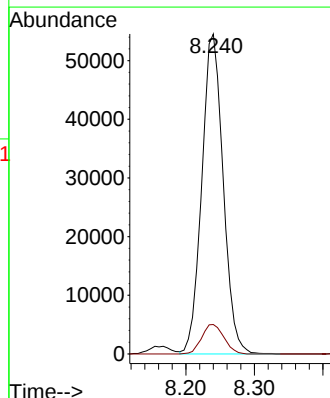
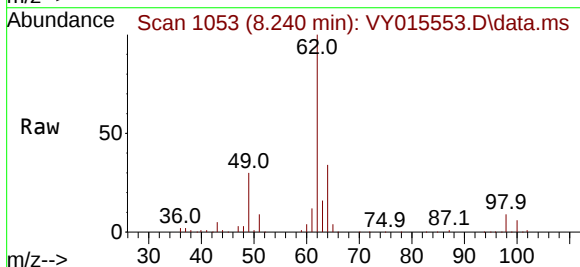
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

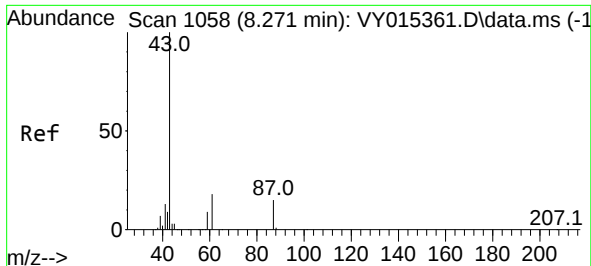
Tgt Ion:	41	Resp:	145201
Ion	Ratio	Lower	Upper
41	100		
39	28.3	52.1	78.1#
67	0.0	66.2	99.2#
52	0.0	29.9	44.9#



#42
1,2-Dichloroethane
Concen: 49.586 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY015553.D
Acq: 14 Sep 2023 22:58

Tgt Ion:	62	Resp:	118401
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	15.8

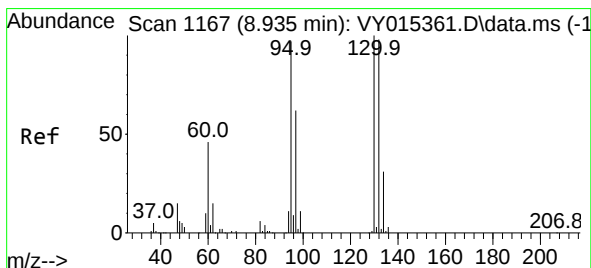
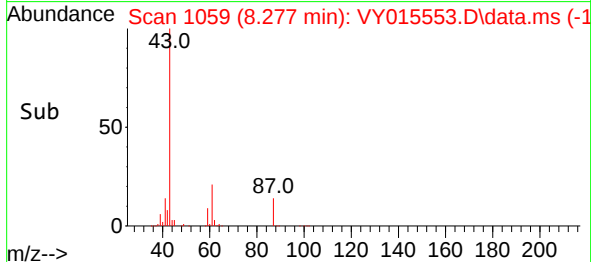
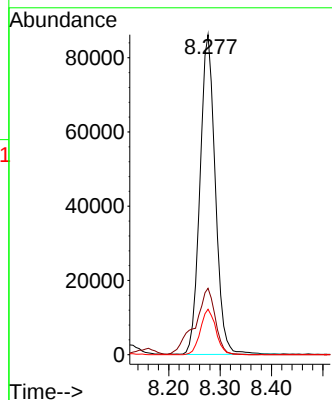
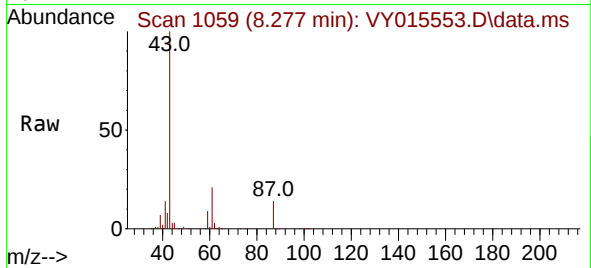




#43
Isopropyl Acetate
Concen: 52.040 ug/l
RT: 8.277 min Scan# 1058
Delta R.T. 0.012 min
Lab File: VY015553.D
Acq: 14 Sep 2023 22:58

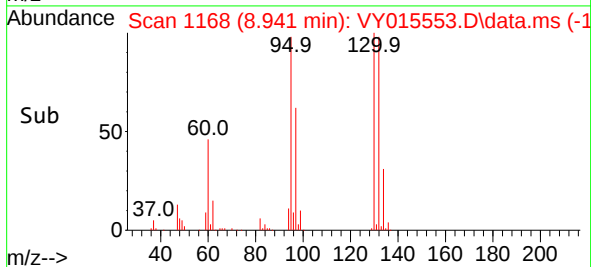
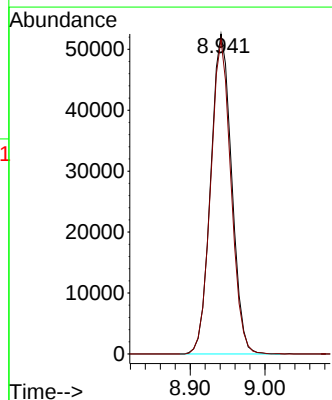
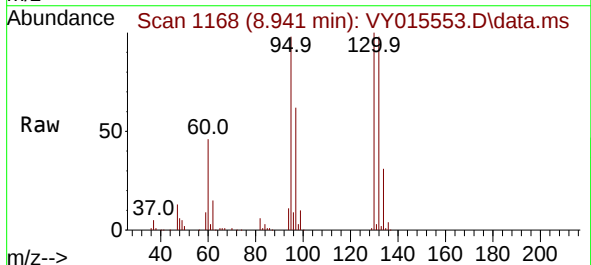
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

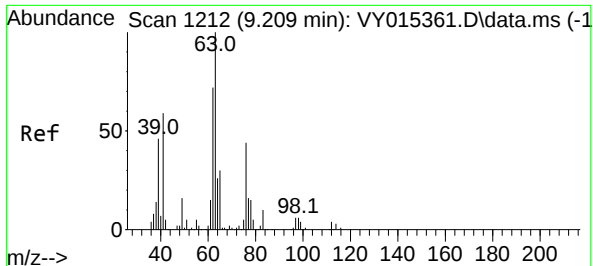
Tgt Ion: 43 Resp: 178131
Ion Ratio Lower Upper
43 100
61 27.7 21.1 31.7
87 14.4 9.8 14.8



#44
Trichloroethene
Concen: 50.370 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015553.D
Acq: 14 Sep 2023 22:58

Tgt Ion: 130 Resp: 102051
Ion Ratio Lower Upper
130 100
95 98.2 0.0 196.0





#45

1,2-Dichloropropane

Concen: 49.326 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY015553.D

Acq: 14 Sep 2023 22:58

Instrument :

MSVOA_Y

ClientSampleId :

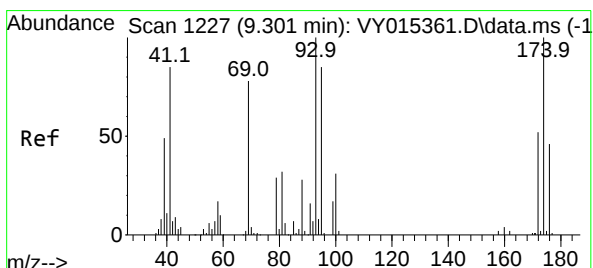
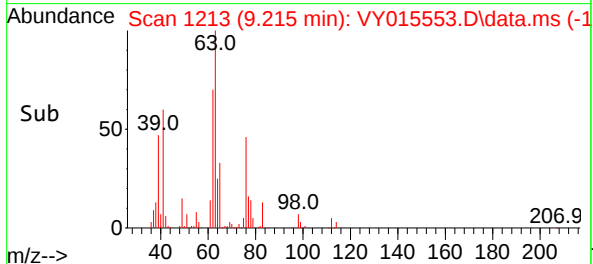
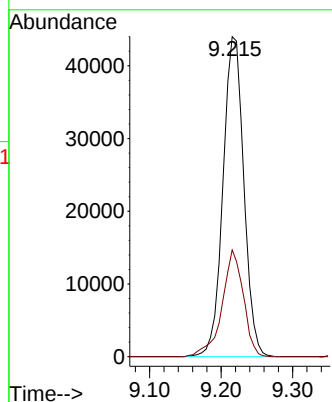
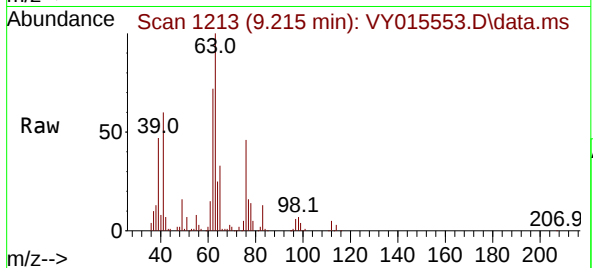
VSTDCCC050EC

Tgt Ion: 63 Resp: 89041

Ion Ratio Lower Upper

63 100

65 33.4 23.8 35.6



#46

Dibromomethane

Concen: 49.929 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.012 min

Lab File: VY015553.D

Acq: 14 Sep 2023 22:58

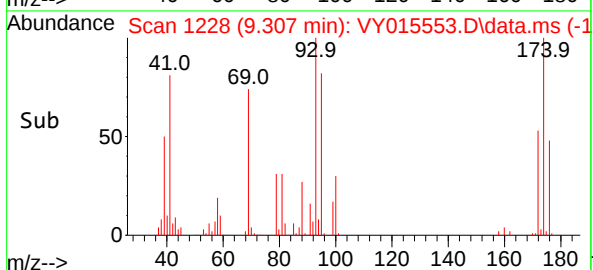
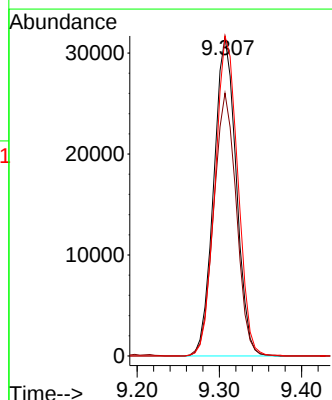
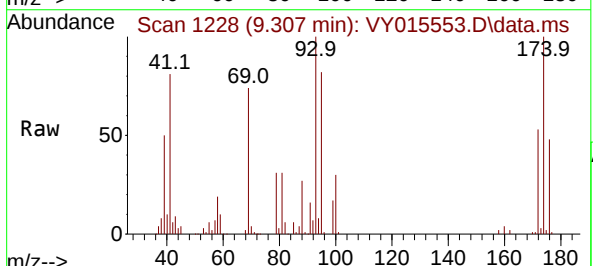
Tgt Ion: 93 Resp: 59870

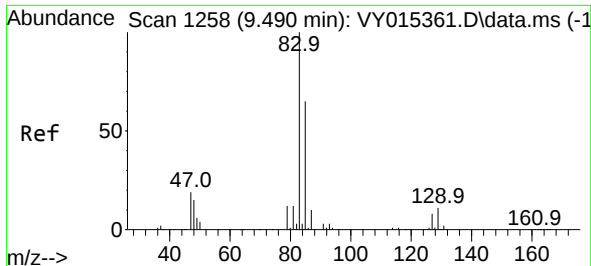
Ion Ratio Lower Upper

93 100

95 83.1 66.6 100.0

174 101.7 84.8 127.2

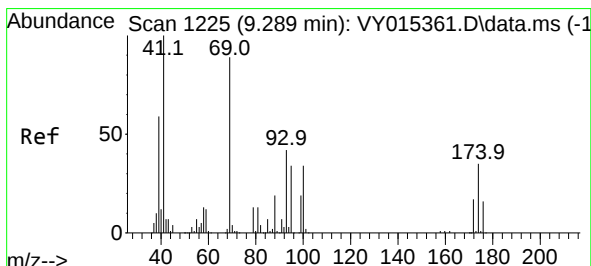
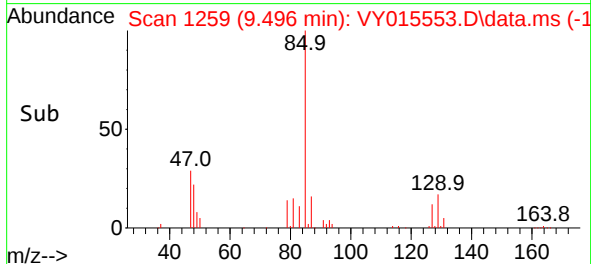
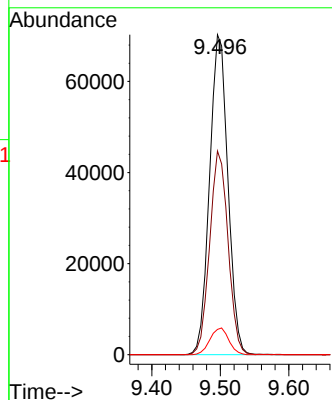
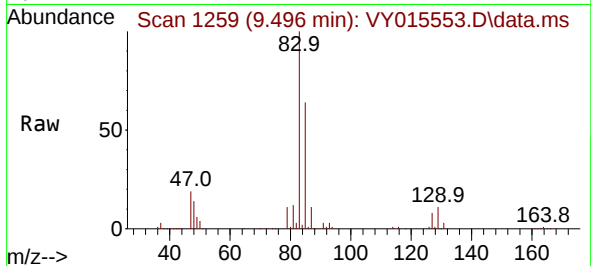




#47
Bromodichloromethane
Concen: 50.910 ug/l
RT: 9.496 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VY015553.D
Acq: 14 Sep 2023 22:58

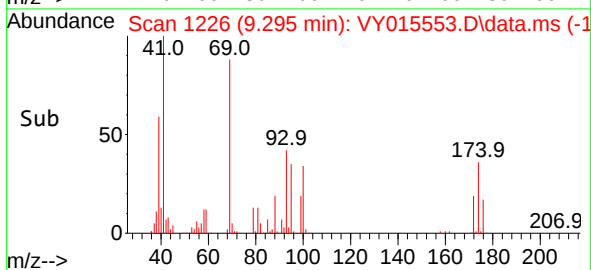
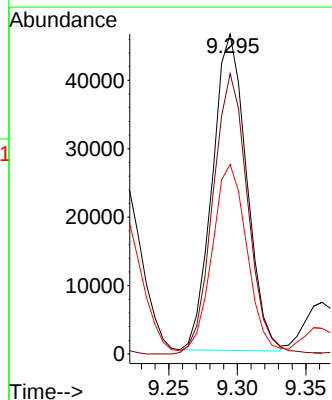
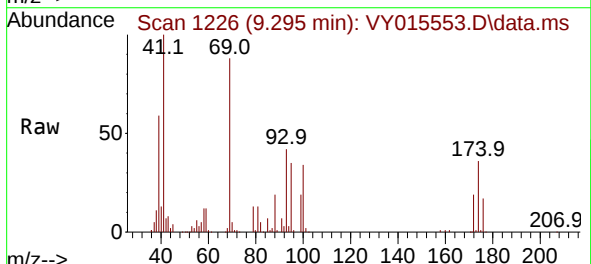
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

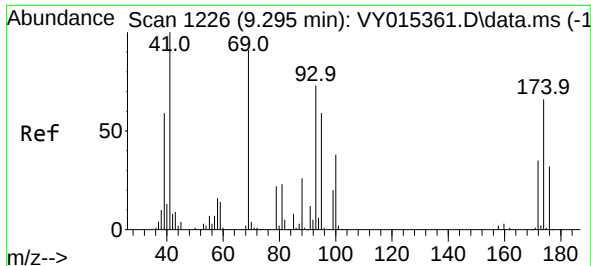
Tgt Ion: 83 Resp: 130548
Ion Ratio Lower Upper
83 100
85 63.6 50.1 75.1
127 7.9 7.1 10.7



#48
Methyl methacrylate
Concen: 51.209 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY015553.D
Acq: 14 Sep 2023 22:58

Tgt Ion: 41 Resp: 80424
Ion Ratio Lower Upper
41 100
69 90.1 64.5 96.7
39 59.1 50.8 76.2





#49

1,4-Dioxane

Concen: 1071.095 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.012 min

Lab File: VY015553.D

Acq: 14 Sep 2023 22:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

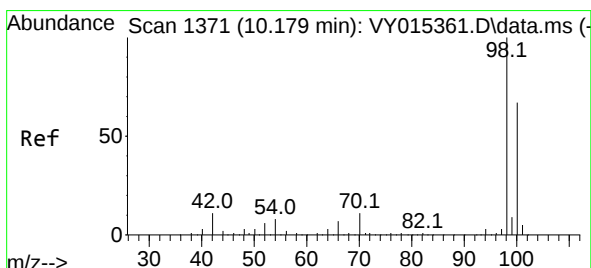
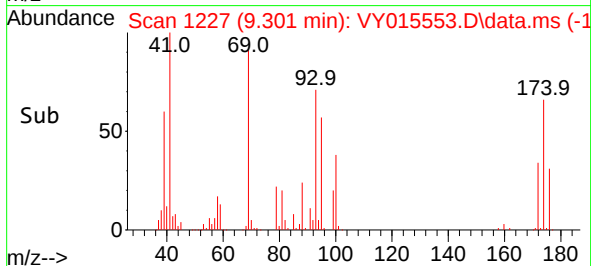
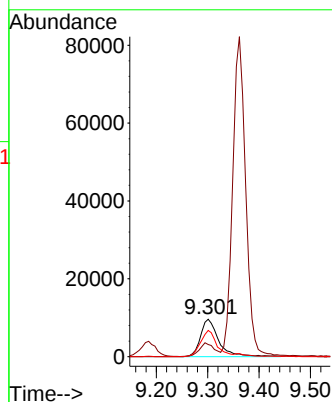
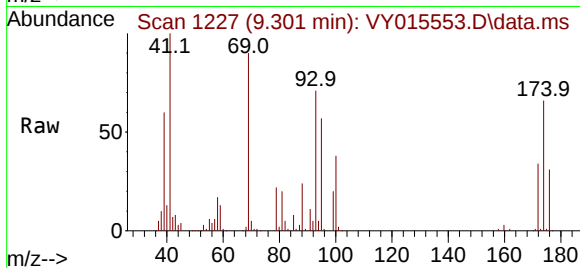
Tgt Ion: 88 Resp: 23856

Ion Ratio Lower Upper

88 100

43 29.5 0.0 0.0#

58 62.1 30.9 46.3#



#50

Toluene-d8

Concen: 43.126 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY015553.D

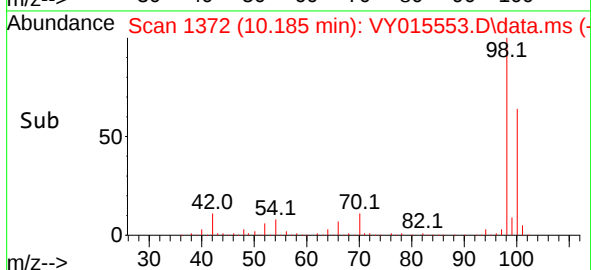
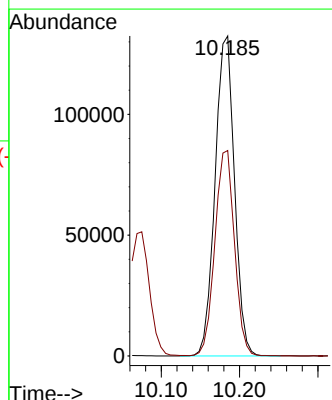
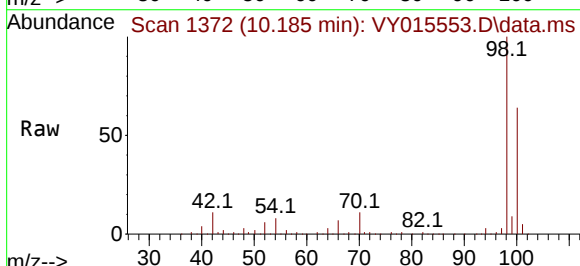
Acq: 14 Sep 2023 22:58

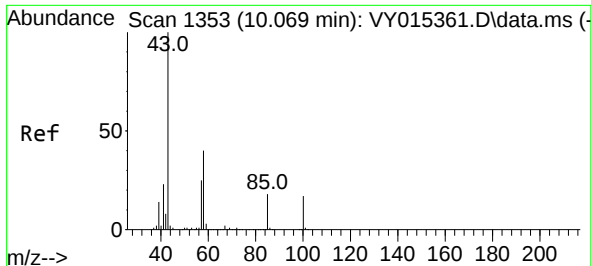
Tgt Ion: 98 Resp: 228283

Ion Ratio Lower Upper

98 100

100 65.0 50.1 75.1

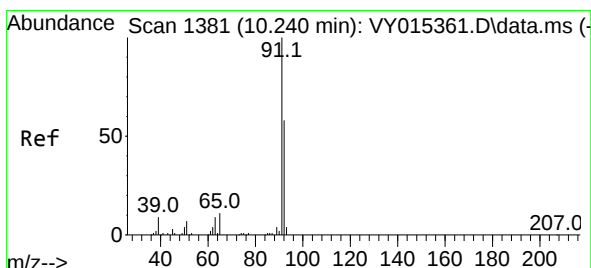
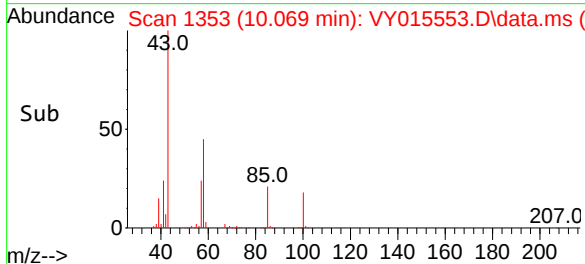
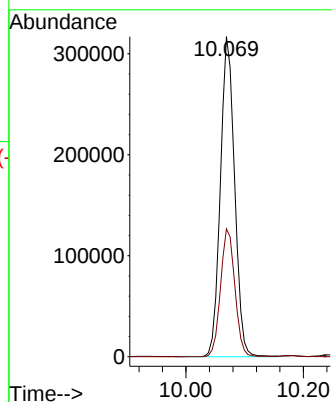
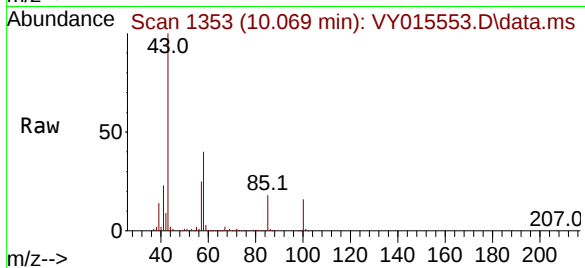




#51
4-Methyl-2-Pentanone
Concen: 267.608 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY015553.D
Acq: 14 Sep 2023 22:58

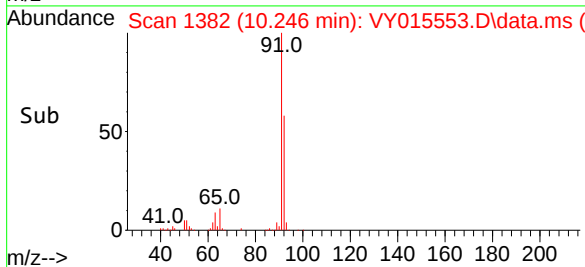
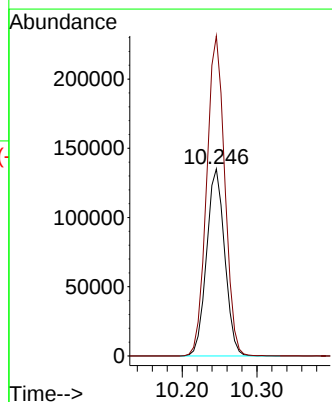
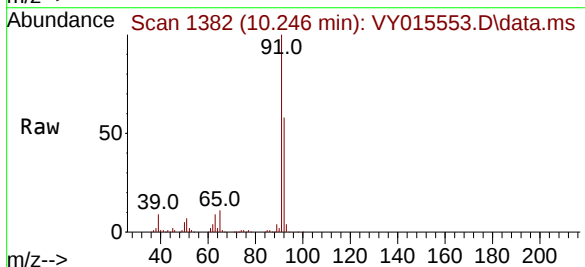
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

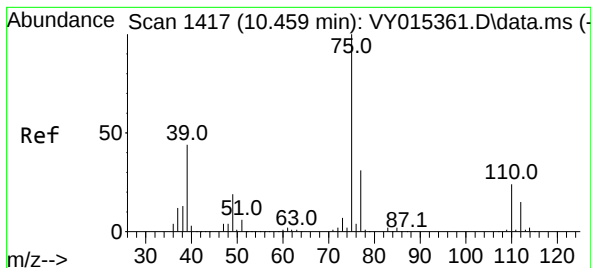
Tgt Ion: 43 Resp: 532407
Ion Ratio Lower Upper
43 100
58 40.2 29.0 43.6



#52
Toluene
Concen: 49.511 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015553.D
Acq: 14 Sep 2023 22:58

Tgt Ion: 92 Resp: 227236
Ion Ratio Lower Upper
92 100
91 171.2 143.8 215.6

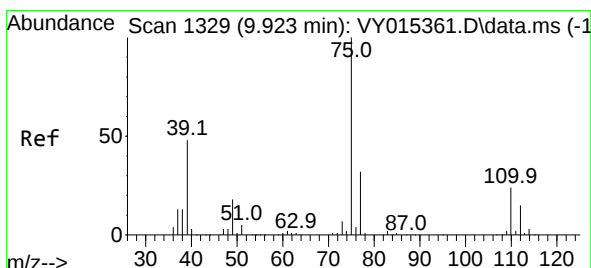
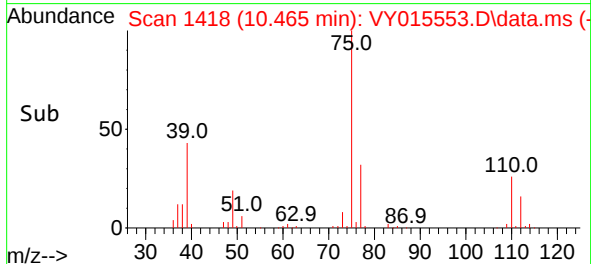
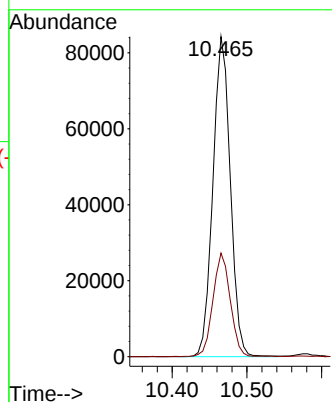
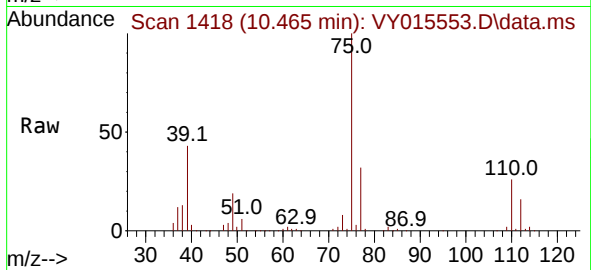




#53
 t-1,3-Dichloropropene
 Concen: 50.073 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY015553.D
 Acq: 14 Sep 2023 22:58

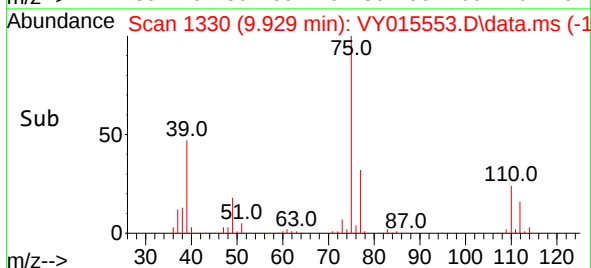
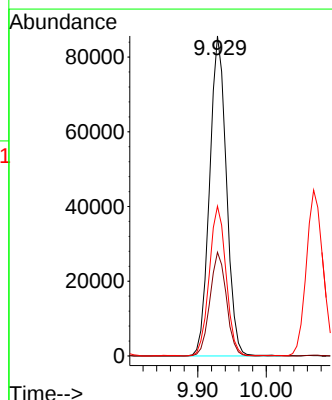
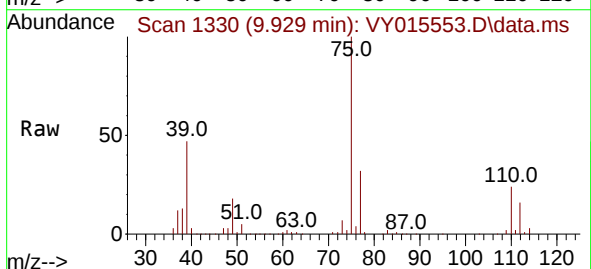
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

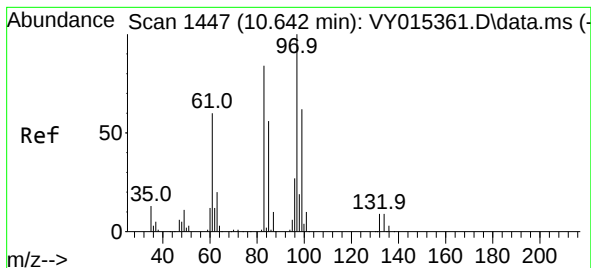
Tgt Ion: 75 Resp: 136460
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 49.346 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY015553.D
 Acq: 14 Sep 2023 22:58

Tgt Ion: 75 Resp: 146286
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.2 36.4
 39 46.7 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 51.199 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY015553.D

Acq: 14 Sep 2023 22:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 82721

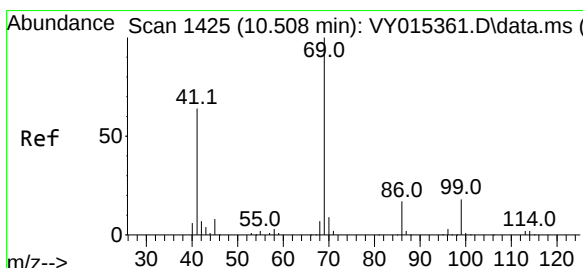
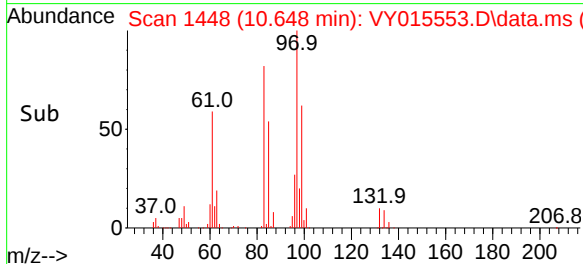
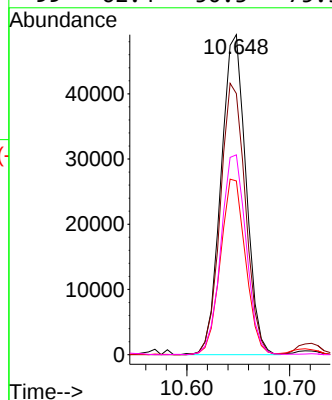
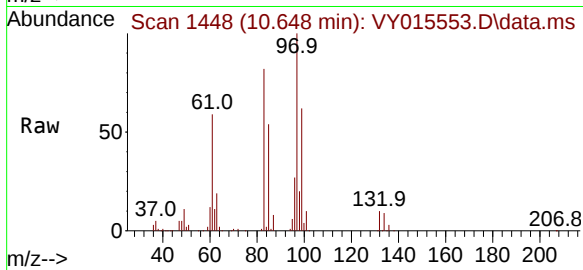
Ion Ratio Lower Upper

97 100

83 81.6 72.0 108.0

85 54.3 45.4 68.0

99 62.4 50.3 75.5



#56

Ethyl methacrylate

Concen: 52.402 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY015553.D

Acq: 14 Sep 2023 22:58

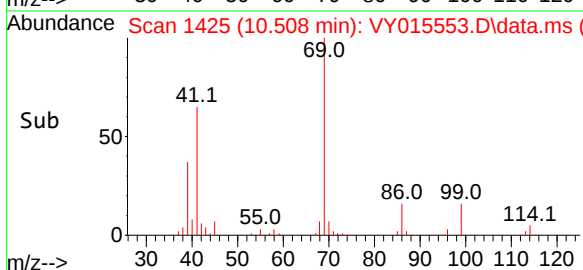
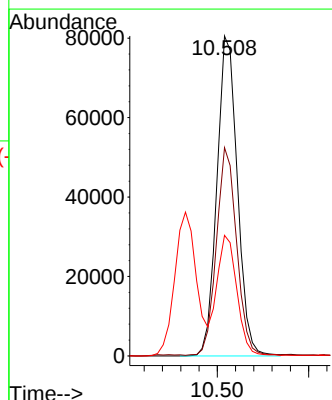
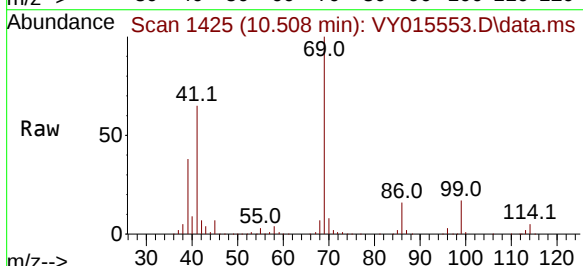
Tgt Ion: 69 Resp: 125463

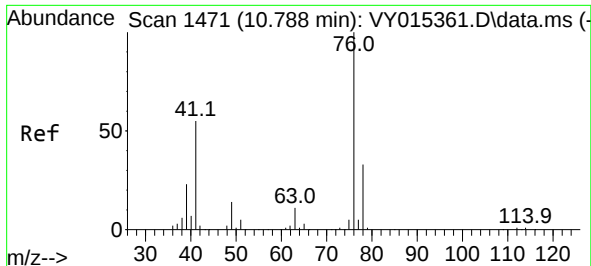
Ion Ratio Lower Upper

69 100

41 64.1 57.6 86.4

39 36.8 34.1 51.1





#57

1,3-Dichloropropane

Concen: 51.066 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY015553.D

Acq: 14 Sep 2023 22:58

Instrument :

MSVOA_Y

ClientSampleId :

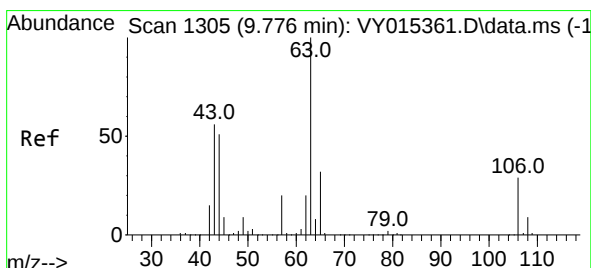
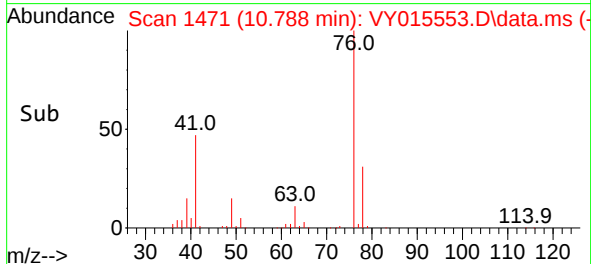
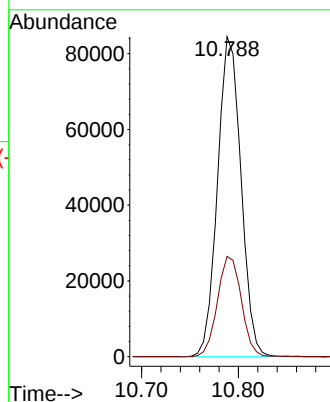
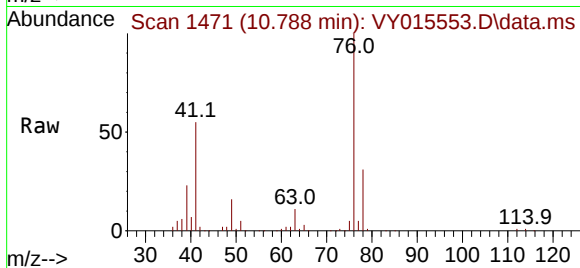
VSTDCCC050EC

Tgt Ion: 76 Resp: 142024

Ion Ratio Lower Upper

76 100

78 32.0 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 216.176 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VY015553.D

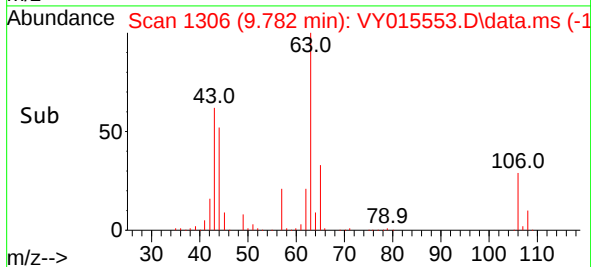
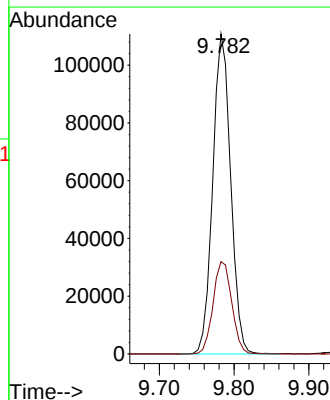
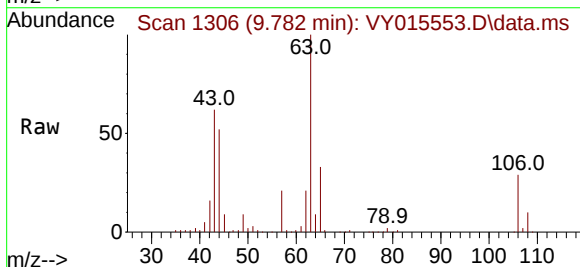
Acq: 14 Sep 2023 22:58

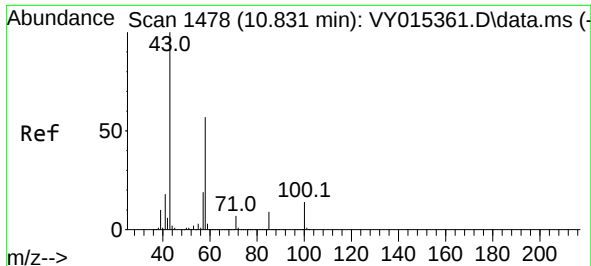
Tgt Ion: 63 Resp: 184742

Ion Ratio Lower Upper

63 100

106 30.1 21.2 31.8





#59

2-Hexanone

Concen: 264.353 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. -0.000 min

Lab File: VY015553.D

Acq: 14 Sep 2023 22:58

Instrument :

MSVOA_Y

ClientSampleId :

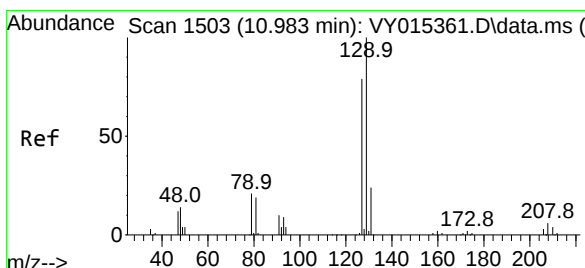
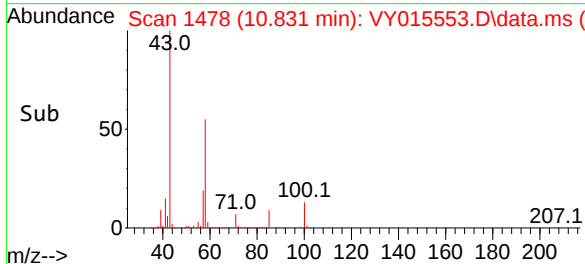
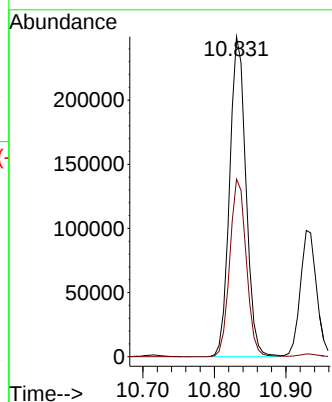
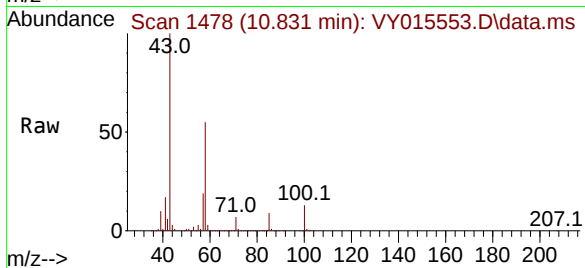
VSTDCCC050EC

Tgt Ion: 43 Resp: 394633

Ion Ratio Lower Upper

43 100

58 56.2 25.1 75.3



#60

Dibromochloromethane

Concen: 51.819 ug/l

RT: 10.983 min Scan# 1503

Delta R.T. -0.000 min

Lab File: VY015553.D

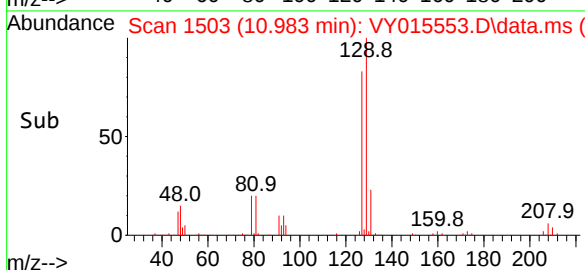
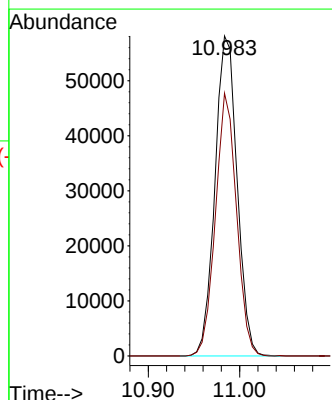
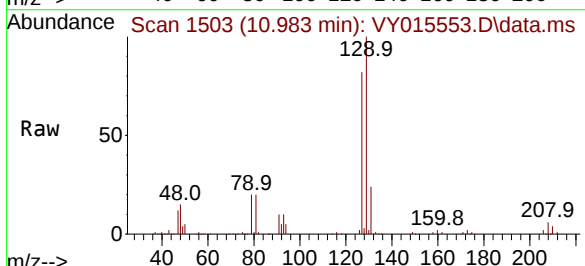
Acq: 14 Sep 2023 22:58

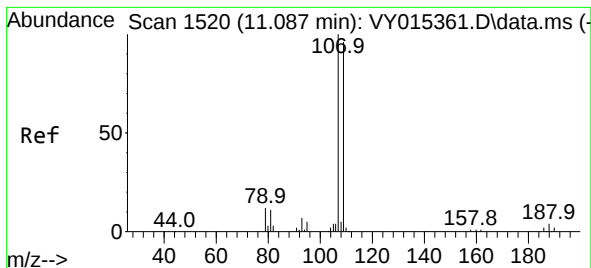
Tgt Ion: 129 Resp: 97992

Ion Ratio Lower Upper

129 100

127 78.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 51.609 ug/l

RT: 11.087 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY015553.D

Acq: 14 Sep 2023 22:58

Instrument :

MSVOA_Y

ClientSampleId :

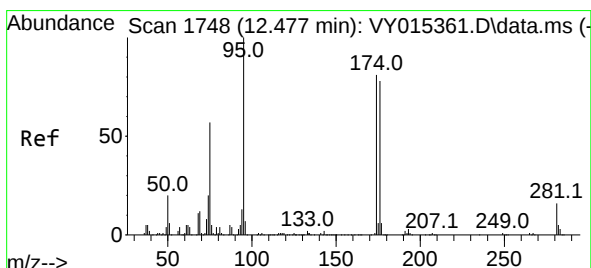
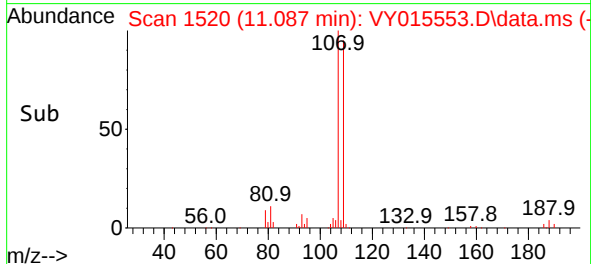
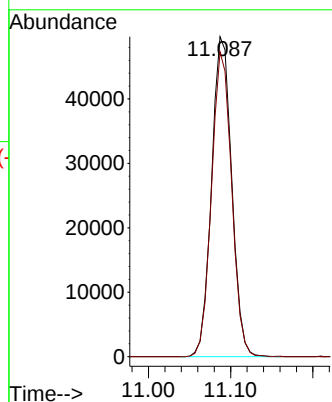
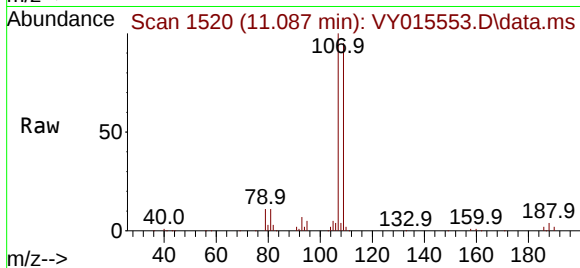
VSTDCCC050EC

Tgt Ion:107 Resp: 84490

Ion Ratio Lower Upper

107 100

109 94.9 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 45.860 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY015553.D

Acq: 14 Sep 2023 22:58

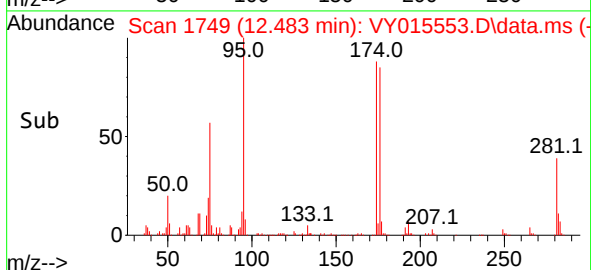
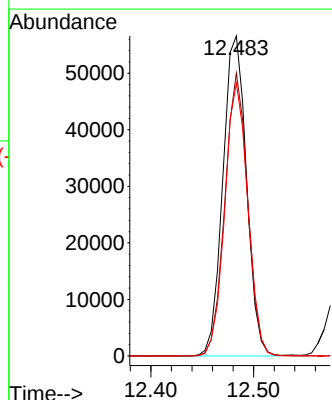
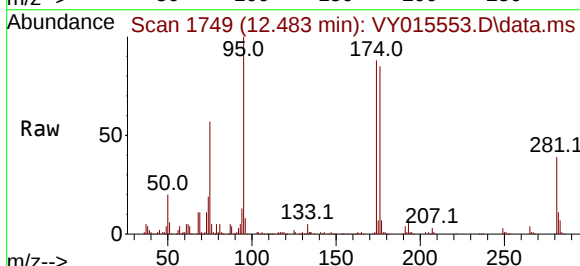
Tgt Ion: 95 Resp: 90120

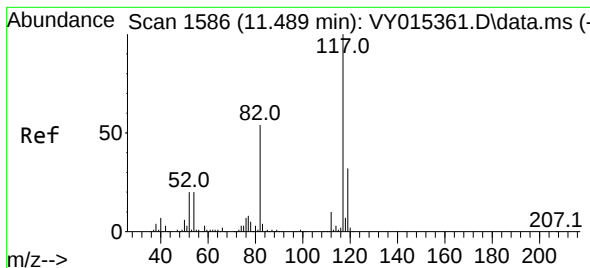
Ion Ratio Lower Upper

95 100

174 85.2 0.0 178.2

176 83.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015553.D

Acq: 14 Sep 2023 22:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

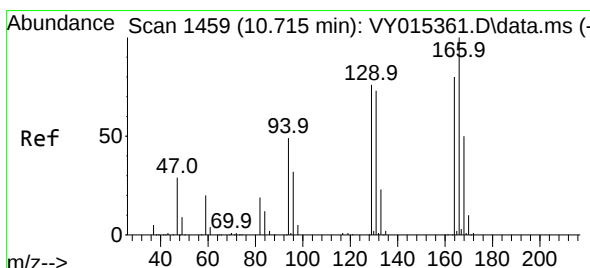
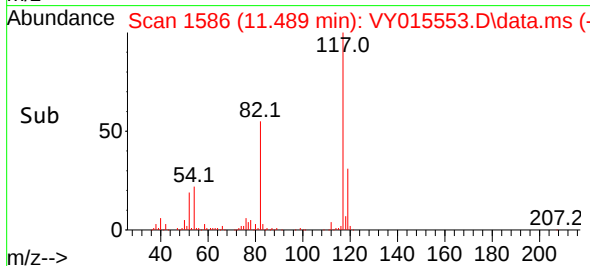
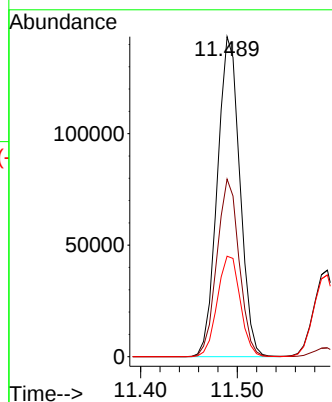
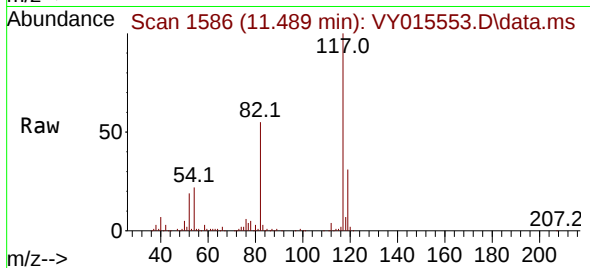
Tgt Ion:117 Resp: 231409

Ion Ratio Lower Upper

117 100

82 55.5 43.4 65.0

119 31.4 26.3 39.5



#64

Tetrachloroethene

Concen: 53.317 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY015553.D

Acq: 14 Sep 2023 22:58

Tgt Ion:164 Resp: 111989

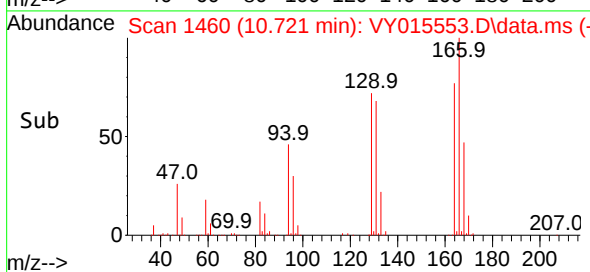
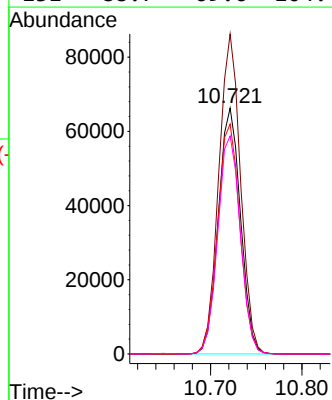
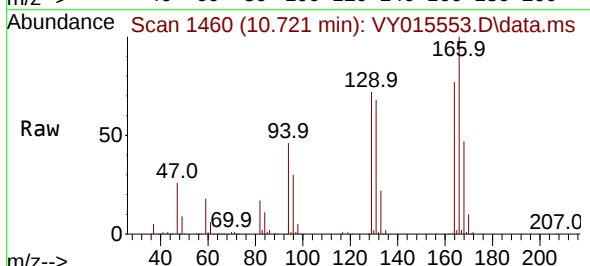
Ion Ratio Lower Upper

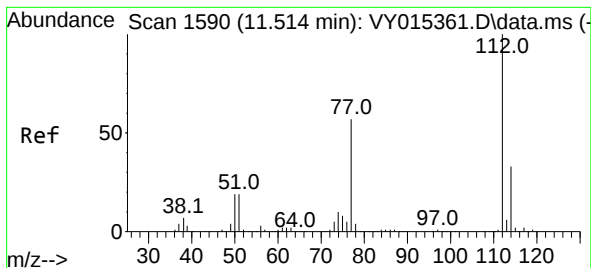
164 100

166 130.1 103.0 154.6

129 93.4 77.2 115.8

131 88.7 69.6 104.4

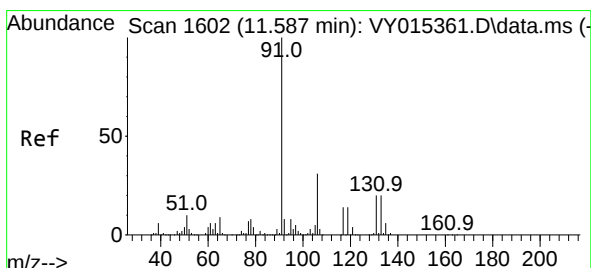
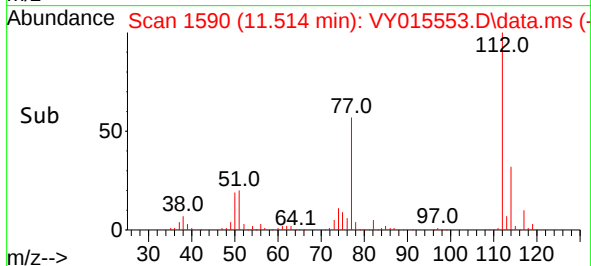
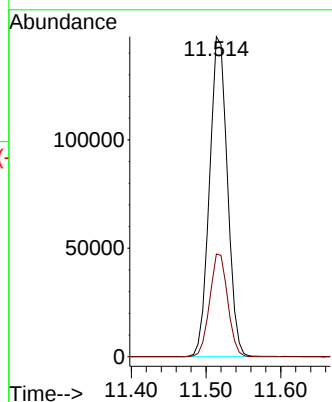
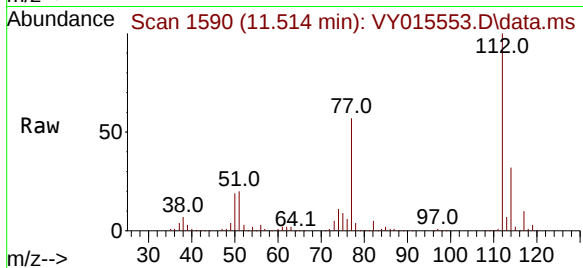




#65
Chlorobenzene
Concen: 49.266 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015553.D
Acq: 14 Sep 2023 22:58

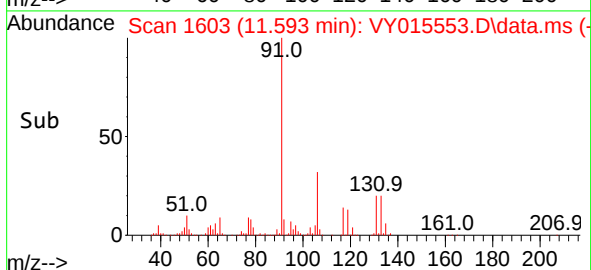
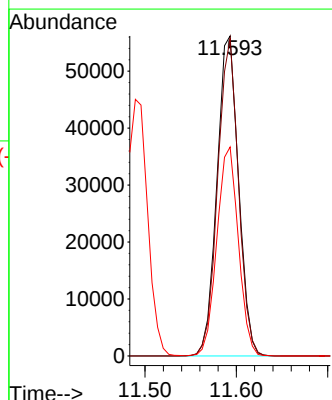
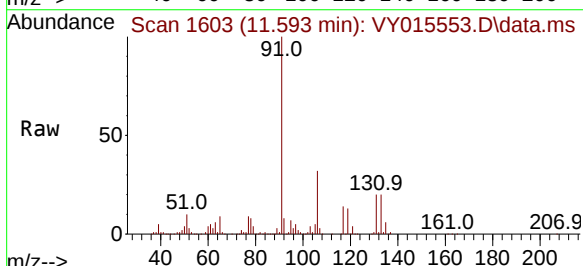
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

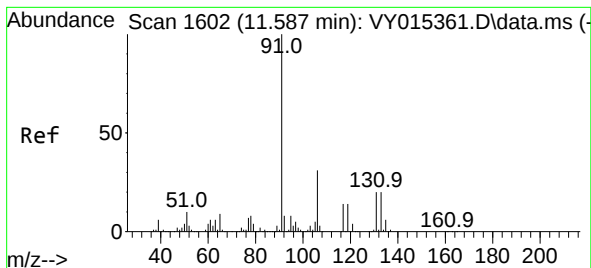
Tgt Ion:112 Resp: 245670
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.456 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015553.D
Acq: 14 Sep 2023 22:58

Tgt Ion:131 Resp: 92090
Ion Ratio Lower Upper
131 100
133 95.6 47.5 142.6
119 65.3 31.6 94.7





#67

Ethyl Benzene

Concen: 48.944 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015553.D

Acq: 14 Sep 2023 22:58

Instrument :

MSVOA_Y

ClientSampleId :

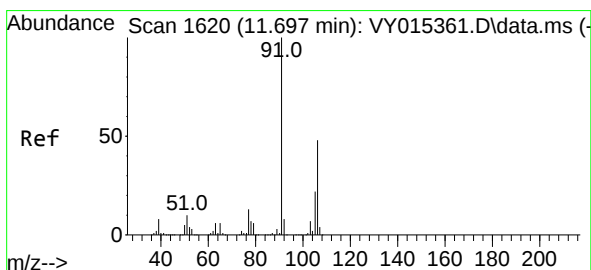
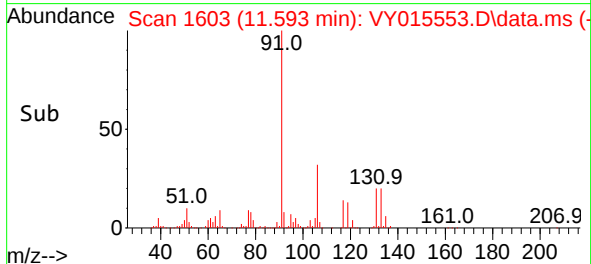
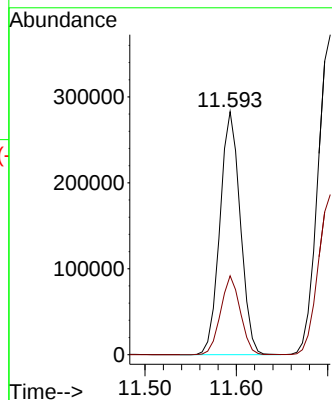
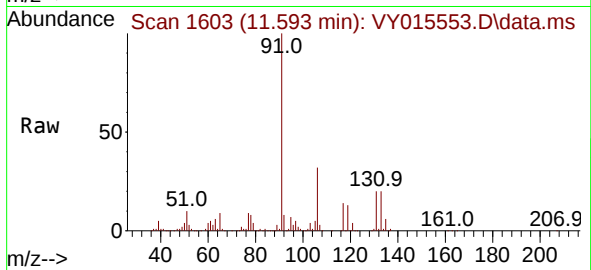
VSTDCCC050EC

Tgt Ion: 91 Resp: 438250

Ion Ratio Lower Upper

91 100

106 32.4 24.6 36.8



#68

m/p-Xylenes

Concen: 97.707 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY015553.D

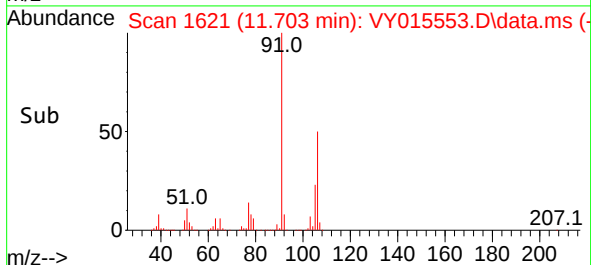
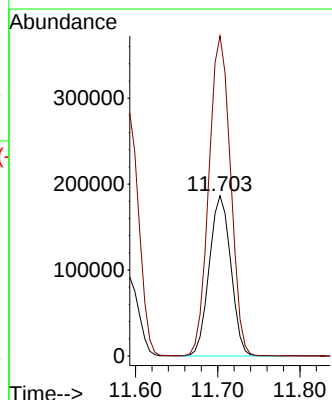
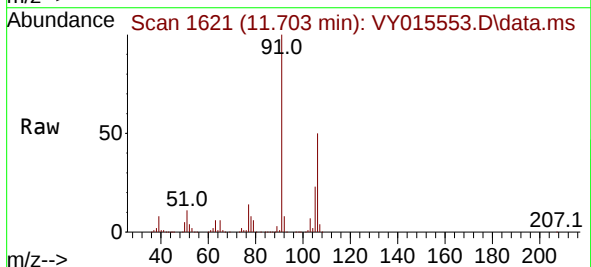
Acq: 14 Sep 2023 22:58

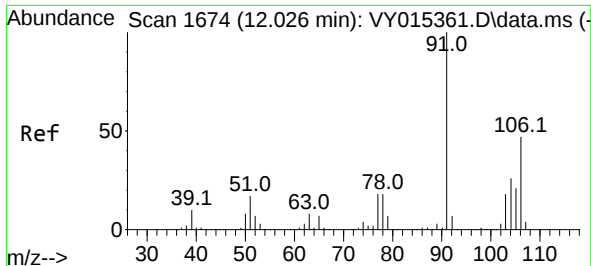
Tgt Ion:106 Resp: 339115

Ion Ratio Lower Upper

106 100

91 201.1 166.1 249.1

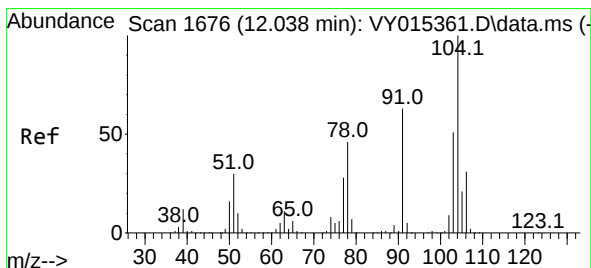
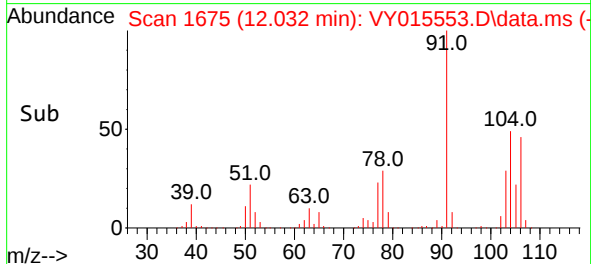
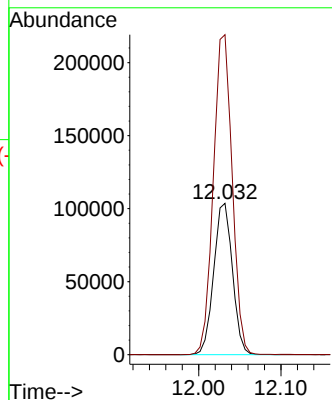
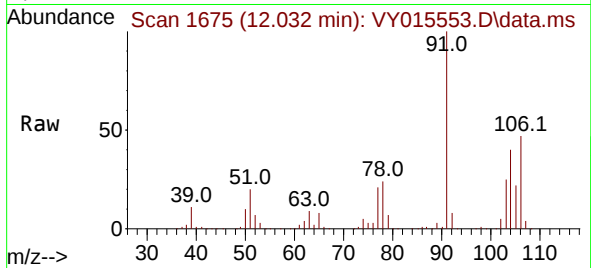




#69
o-Xylene
Concen: 49.355 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY015553.D
Acq: 14 Sep 2023 22:58

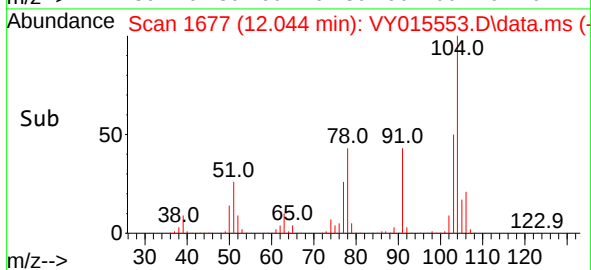
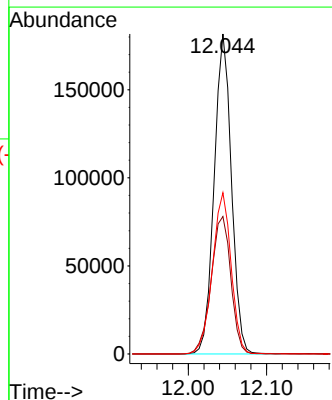
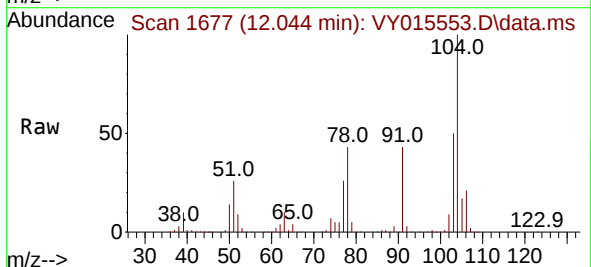
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

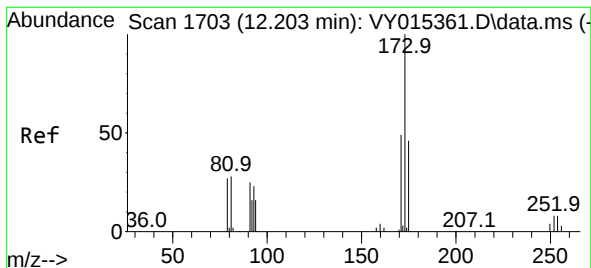
Tgt Ion:106 Resp: 163707
Ion Ratio Lower Upper
106 100
91 213.1 108.1 324.3



#70
Styrene
Concen: 49.917 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY015553.D
Acq: 14 Sep 2023 22:58

Tgt Ion:104 Resp: 278396
Ion Ratio Lower Upper
104 100
78 49.0 41.5 62.3
103 54.6 44.6 67.0





#71

Bromoform

Concen: 54.061 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY015553.D

Acq: 14 Sep 2023 22:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

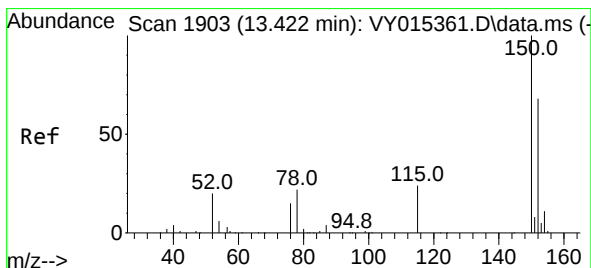
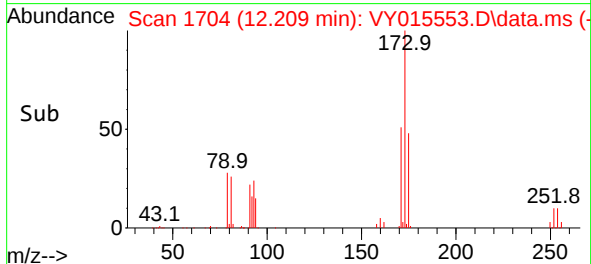
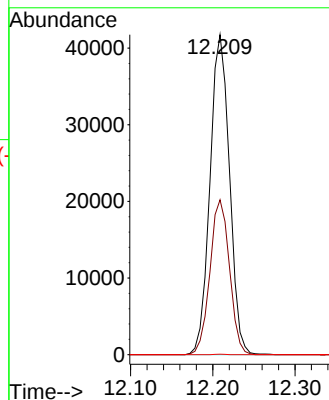
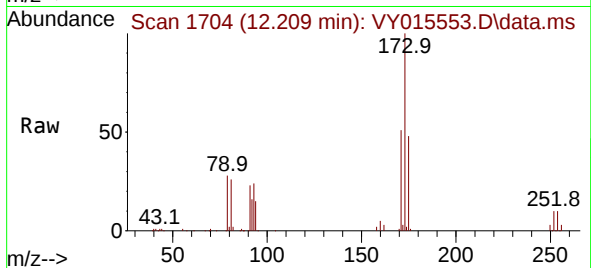
Tgt Ion:173 Resp: 68829

Ion Ratio Lower Upper

173 100

175 48.4 24.6 73.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015553.D

Acq: 14 Sep 2023 22:58

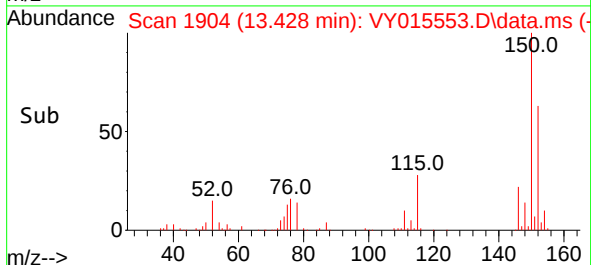
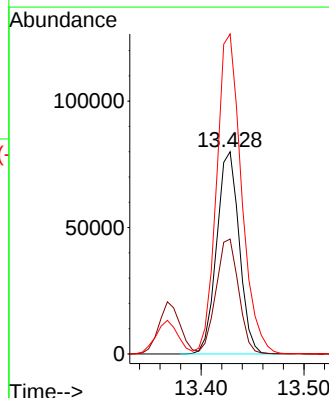
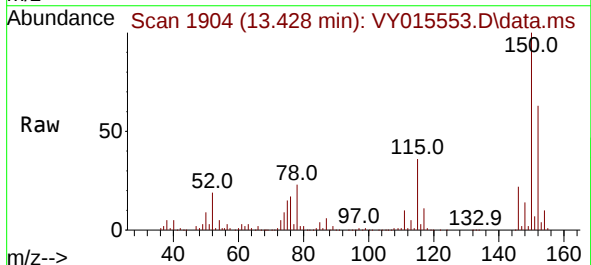
Tgt Ion:152 Resp: 121521

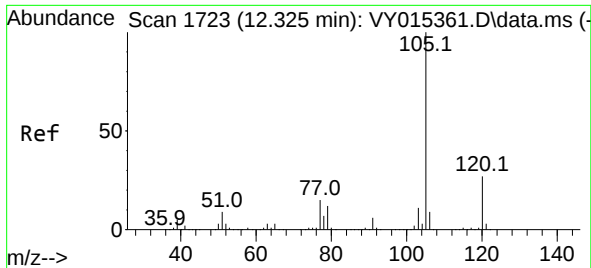
Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.5

150 175.2 0.0 348.8

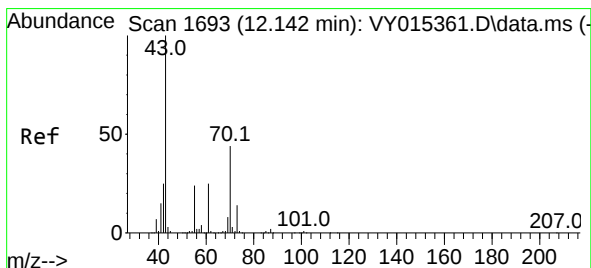
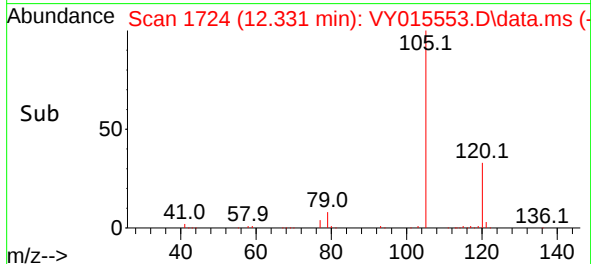
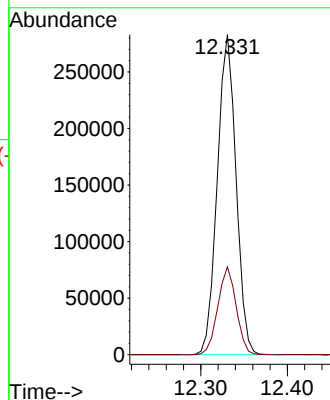
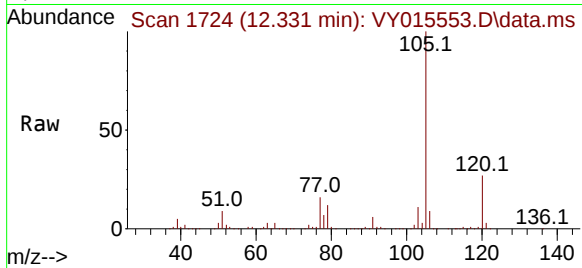




#73
Isopropylbenzene
Concen: 46.598 ug/l
RT: 12.331 min Scan# 1723
Delta R.T. 0.006 min
Lab File: VY015553.D
Acq: 14 Sep 2023 22:58

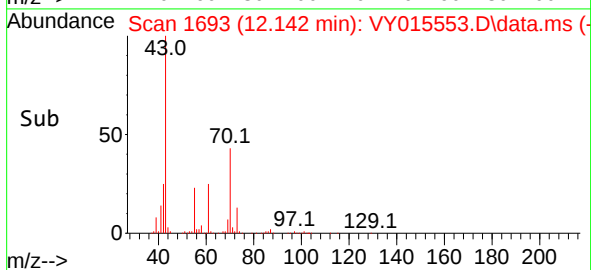
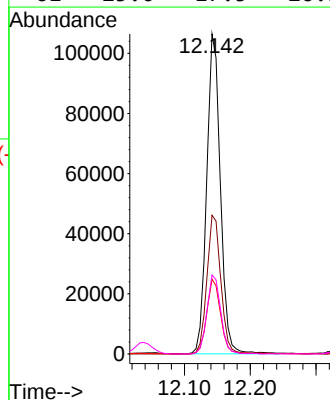
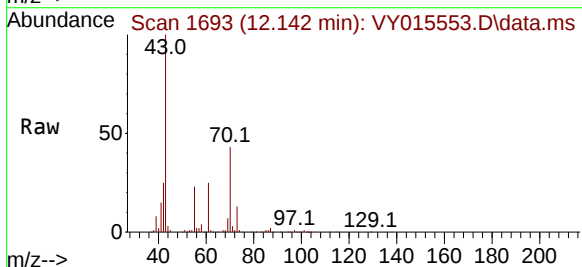
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

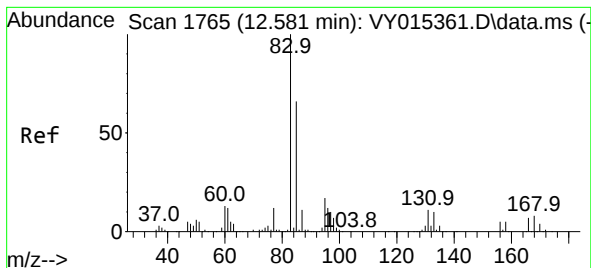
Tgt Ion:105 Resp: 425343
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.9



#74
N-ethyl acetate
Concen: 50.156 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY015553.D
Acq: 14 Sep 2023 22:58

Tgt Ion: 43 Resp: 153810
Ion Ratio Lower Upper
43 100
70 44.5 29.7 44.5
55 24.0 18.3 27.5
61 25.0 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 48.689 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY015553.D

Acq: 14 Sep 2023 22:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

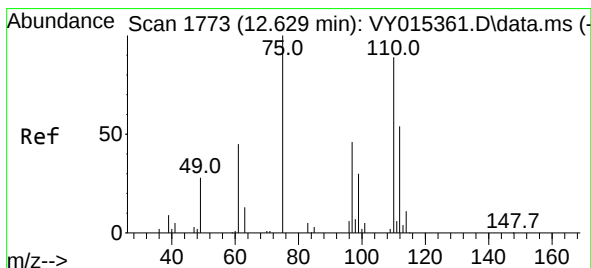
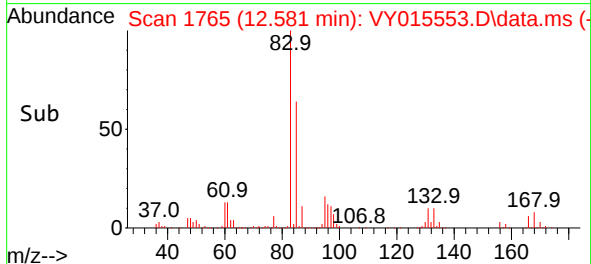
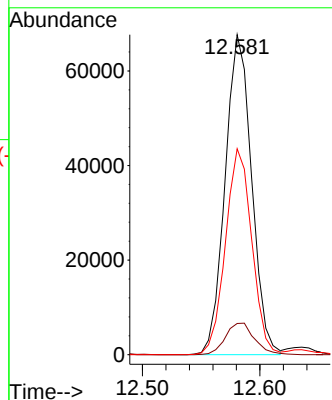
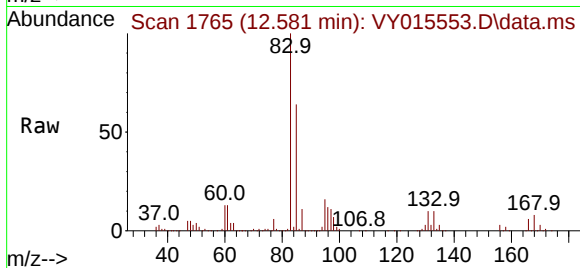
Tgt Ion: 83 Resp: 106092

Ion Ratio Lower Upper

83 100

131 10.9 5.4 16.2

85 64.0 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 89.179 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY015553.D

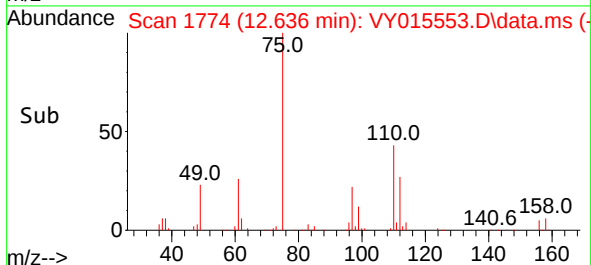
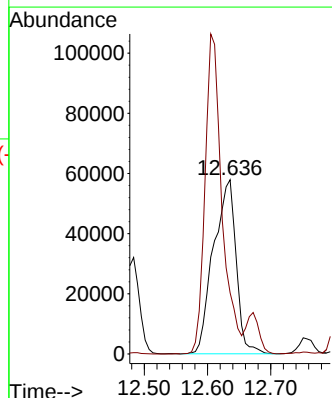
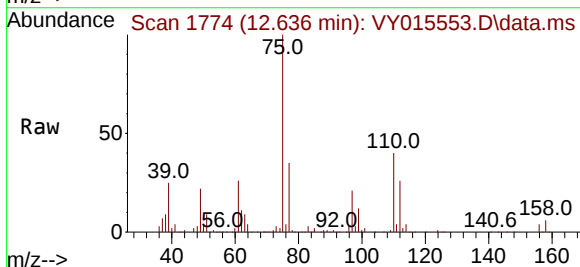
Acq: 14 Sep 2023 22:58

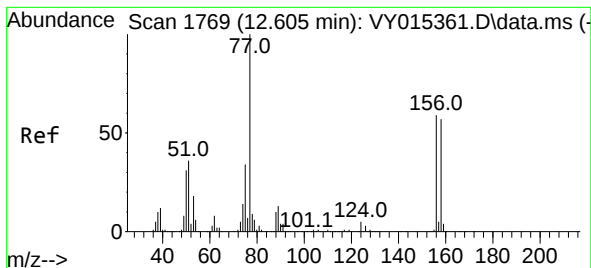
Tgt Ion: 75 Resp: 143712

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.811 ug/l

RT: 12.611 min Scan# 1769

Delta R.T. 0.006 min

Lab File: VY015553.D

Acq: 14 Sep 2023 22:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

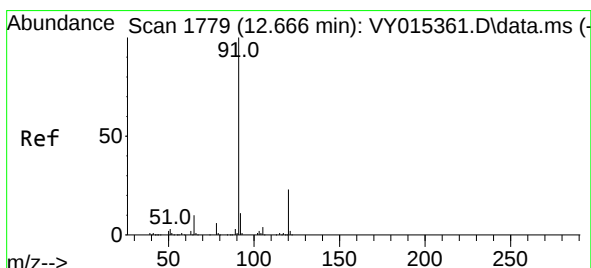
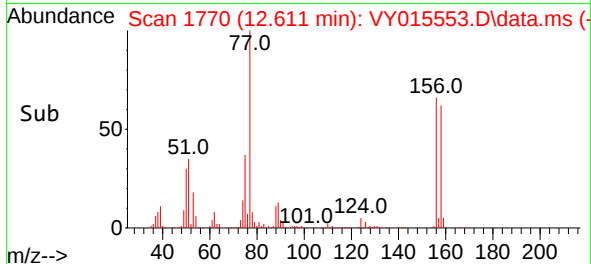
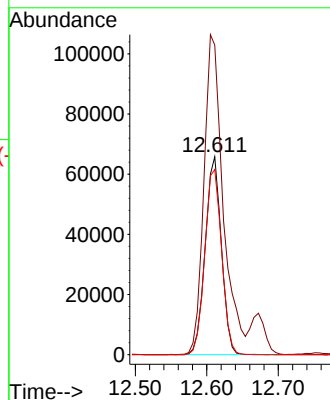
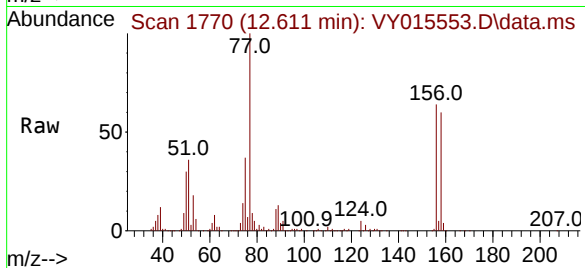
Tgt Ion:156 Resp: 103361

Ion Ratio Lower Upper

156 100

77 192.0 92.8 278.6

158 97.6 48.4 145.3



#78

n-propylbenzene

Concen: 46.297 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015553.D

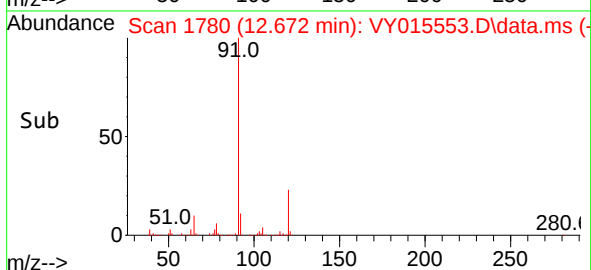
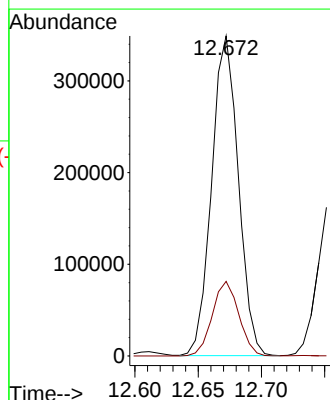
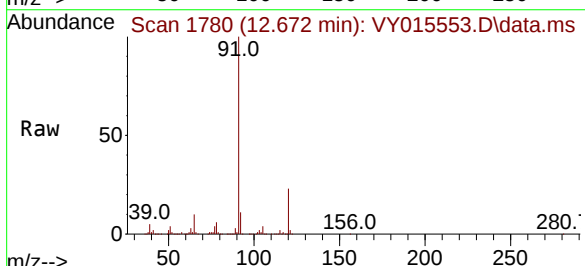
Acq: 14 Sep 2023 22:58

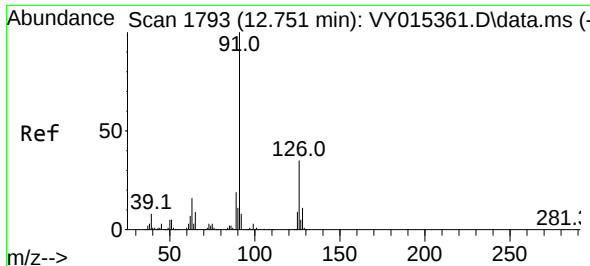
Tgt Ion: 91 Resp: 511348

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.4

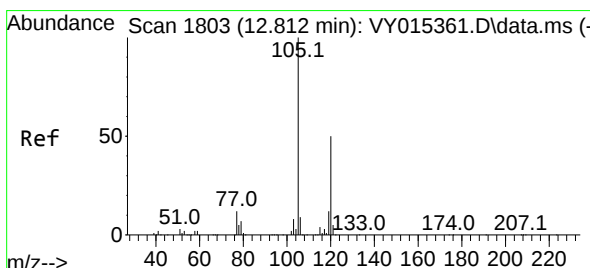
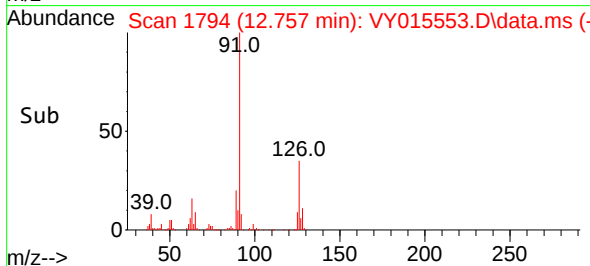
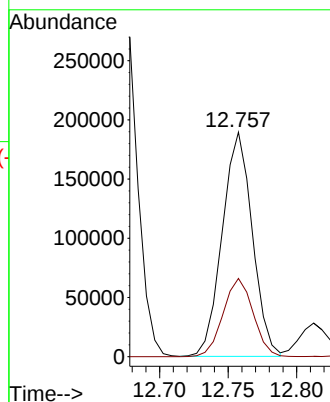
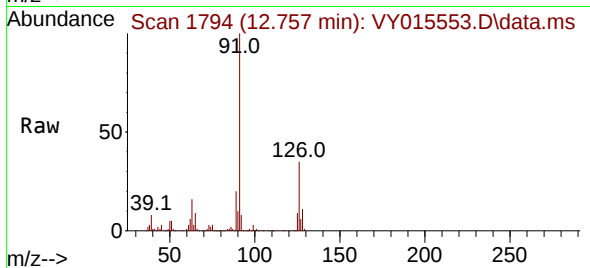




#79
2-Chlorotoluene
Concen: 46.755 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VY015553.D
Acq: 14 Sep 2023 22:58

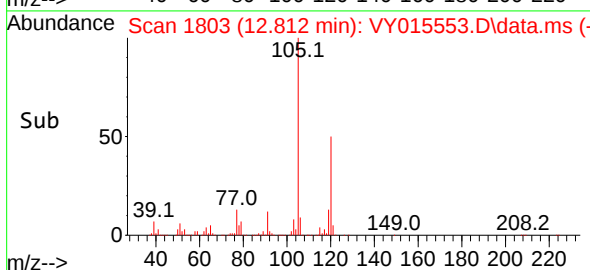
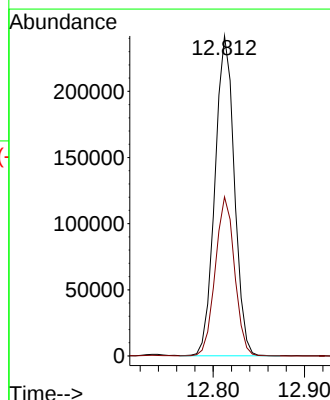
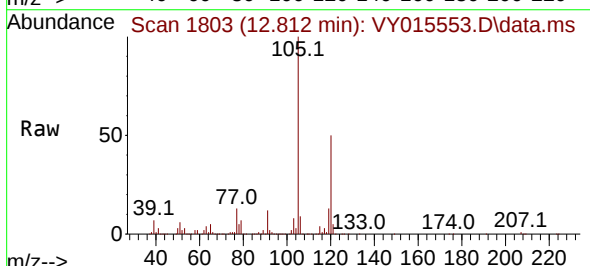
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

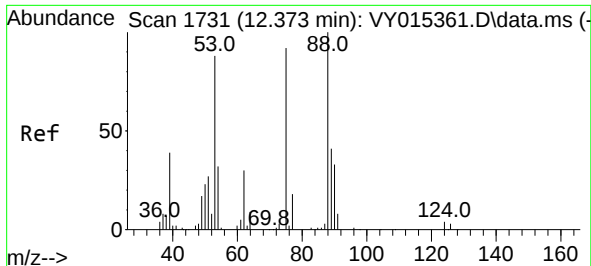
Tgt Ion: 91 Resp: 289647
Ion Ratio Lower Upper
91 100
126 34.8 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 46.687 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY015553.D
Acq: 14 Sep 2023 22:58

Tgt Ion: 105 Resp: 356444
Ion Ratio Lower Upper
105 100
120 49.5 23.9 71.7

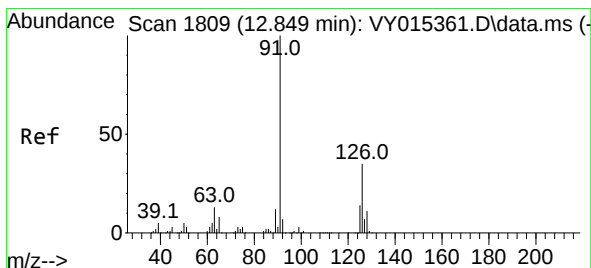
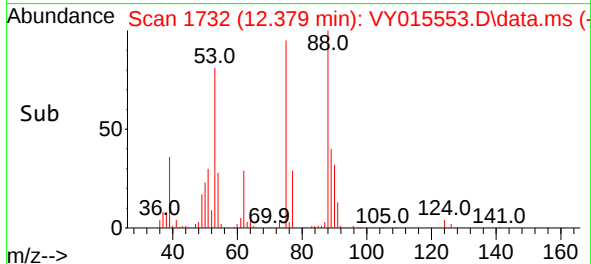
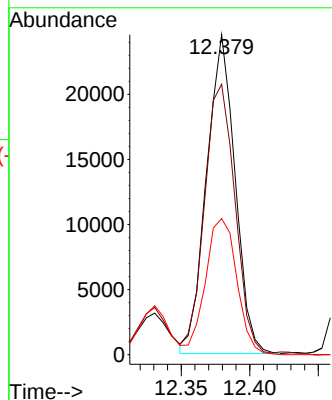
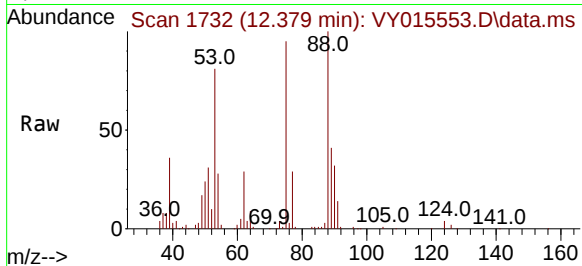




#81
trans-1,4-Dichloro-2-butene
Concen: 48.497 ug/l
RT: 12.379 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015553.D
Acq: 14 Sep 2023 22:58

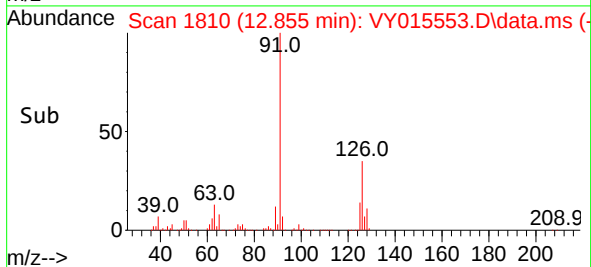
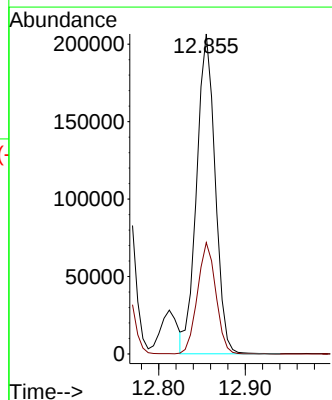
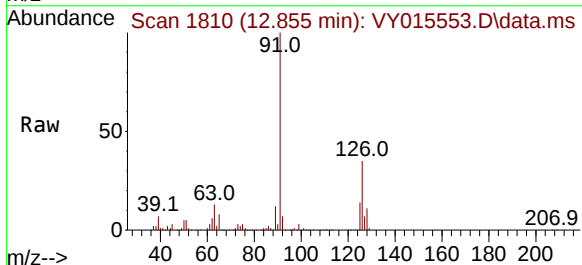
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

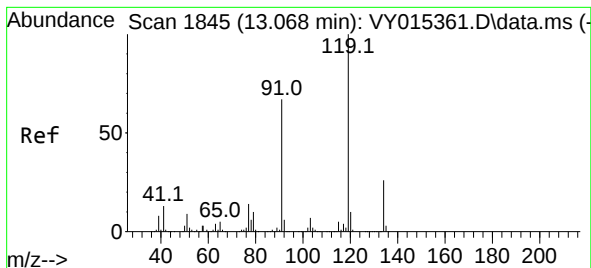
Tgt Ion: 75 Resp: 35429
Ion Ratio Lower Upper
75 100
53 90.2 77.8 116.8
89 47.2 37.4 56.0



#82
4-Chlorotoluene
Concen: 47.505 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY015553.D
Acq: 14 Sep 2023 22:58

Tgt Ion: 91 Resp: 305856
Ion Ratio Lower Upper
91 100
126 34.7 17.2 51.6





#83

tert-Butylbenzene

Concen: 45.767 ug/l

RT: 13.074 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VY015553.D

Acq: 14 Sep 2023 22:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

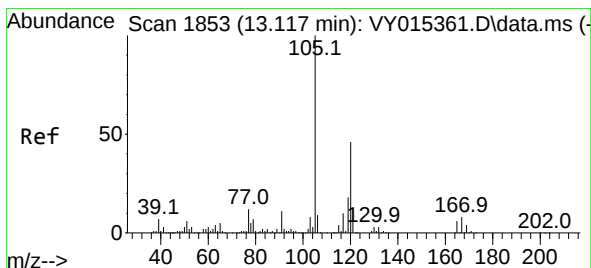
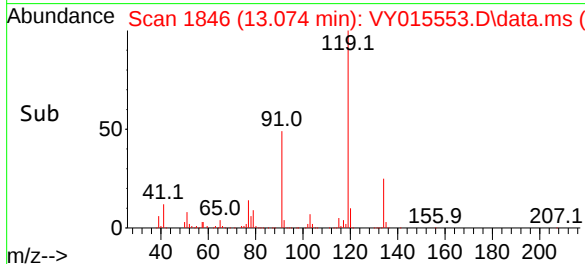
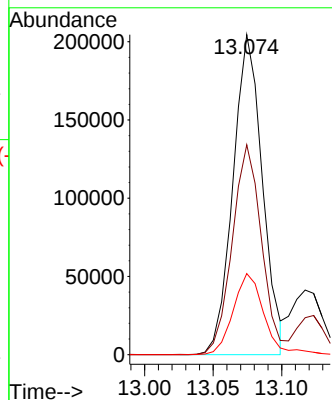
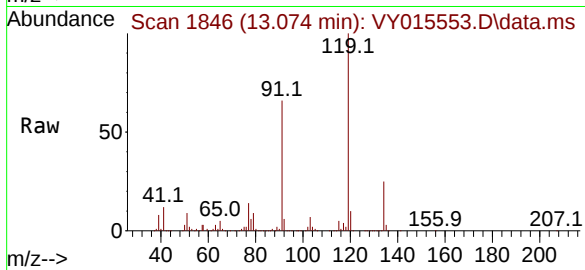
Tgt Ion:119 Resp: 306049

Ion Ratio Lower Upper

119 100

91 65.8 32.9 98.6

134 26.6 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 47.251 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY015553.D

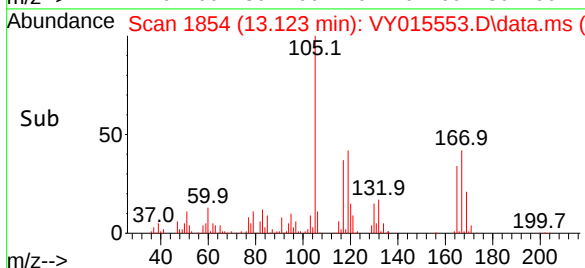
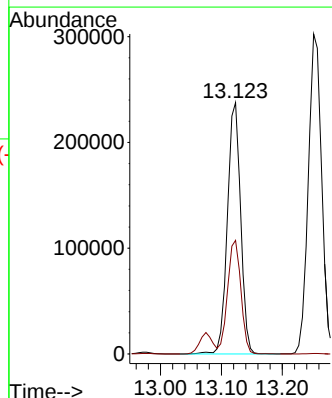
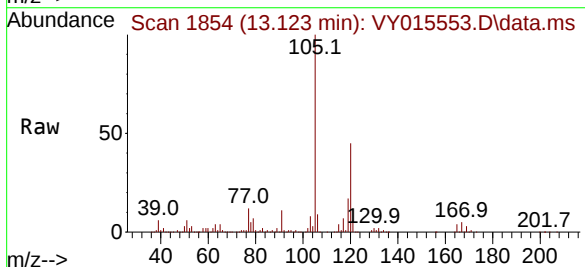
Acq: 14 Sep 2023 22:58

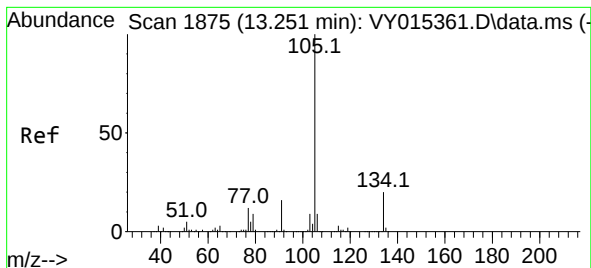
Tgt Ion:105 Resp: 358185

Ion Ratio Lower Upper

105 100

120 45.5 22.2 66.6





#85

sec-Butylbenzene

Concen: 45.982 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY015553.D

Acq: 14 Sep 2023 22:58

Instrument :

MSVOA_Y

ClientSampleId :

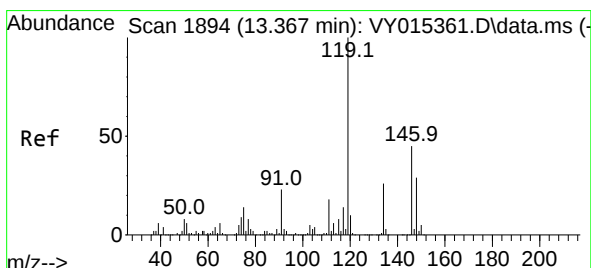
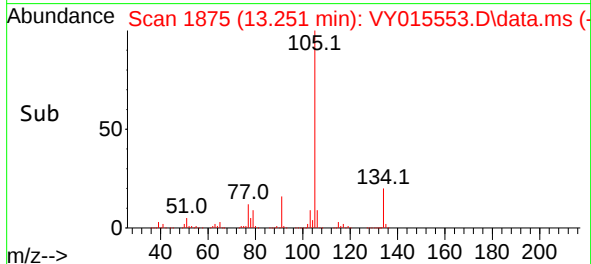
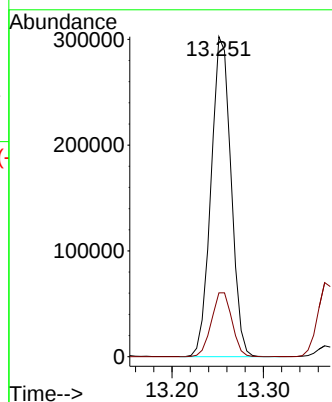
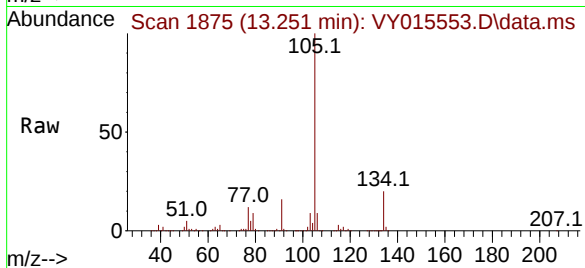
VSTDCCC050EC

Tgt Ion:105 Resp: 458635

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.6



#86

p-Isopropyltoluene

Concen: 46.495 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY015553.D

Acq: 14 Sep 2023 22:58

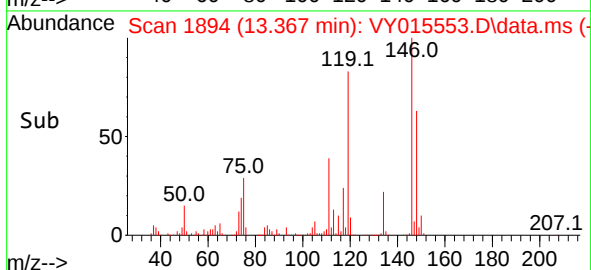
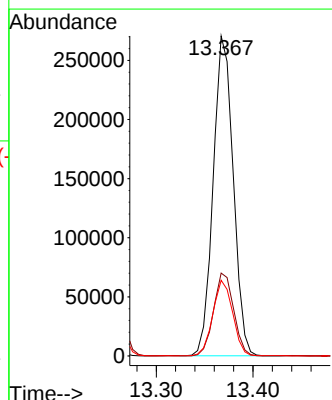
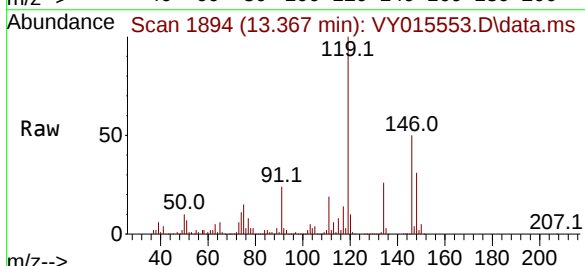
Tgt Ion:119 Resp: 388676

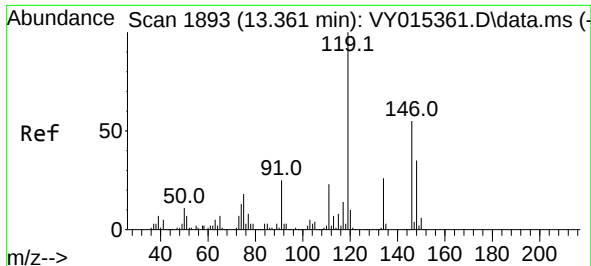
Ion Ratio Lower Upper

119 100

134 26.0 13.3 39.8

91 23.3 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 47.377 ug/l

RT: 13.367 min Scan# 1893

Delta R.T. 0.006 min

Lab File: VY015553.D

Acq: 14 Sep 2023 22:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

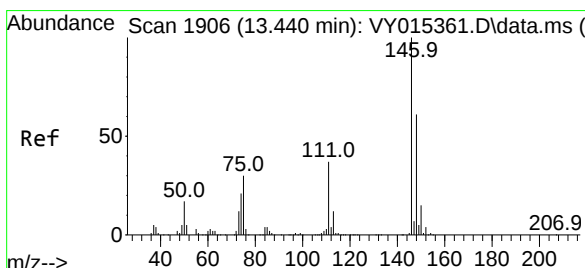
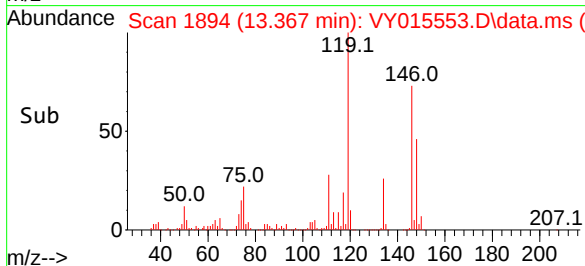
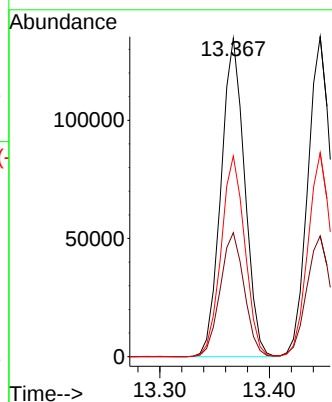
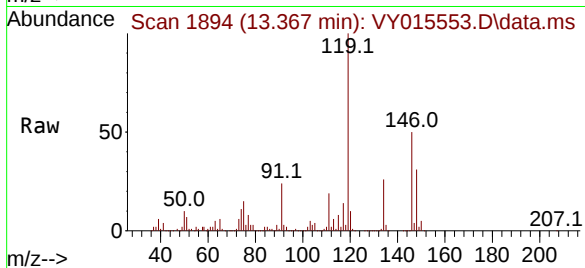
Tgt Ion:146 Resp: 202204

Ion Ratio Lower Upper

146 100

111 39.5 19.4 58.2

148 63.1 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 47.332 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY015553.D

Acq: 14 Sep 2023 22:58

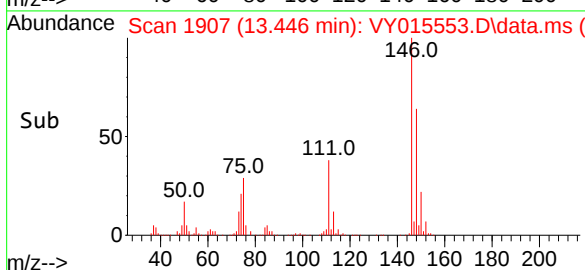
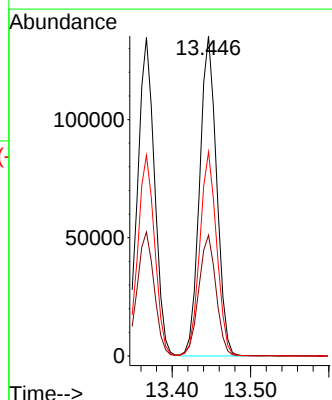
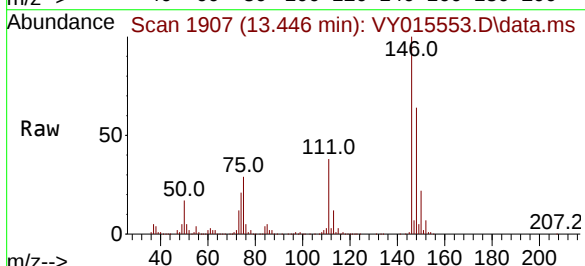
Tgt Ion:146 Resp: 204202

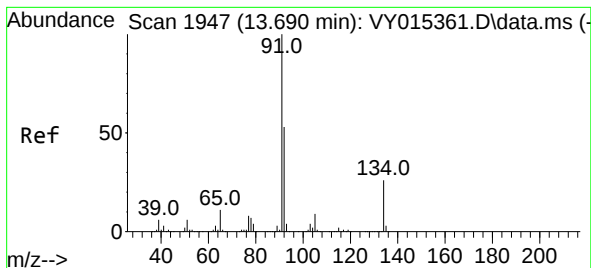
Ion Ratio Lower Upper

146 100

111 38.2 18.9 56.7

148 63.4 32.1 96.5





#89

n-Butylbenzene

Concen: 45.376 ug/l

RT: 13.696 min Scan# 1947

Delta R.T. -0.000 min

Lab File: VY015553.D

Acq: 14 Sep 2023 22:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

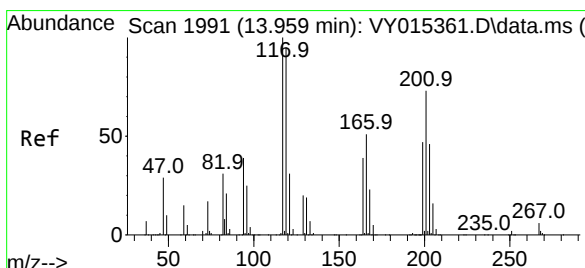
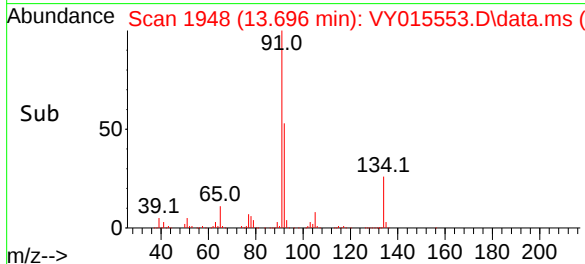
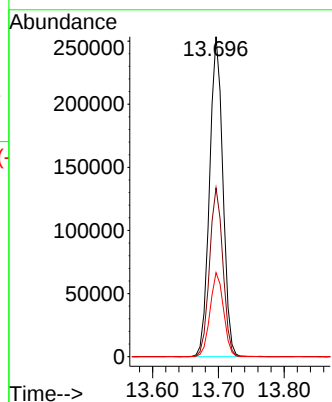
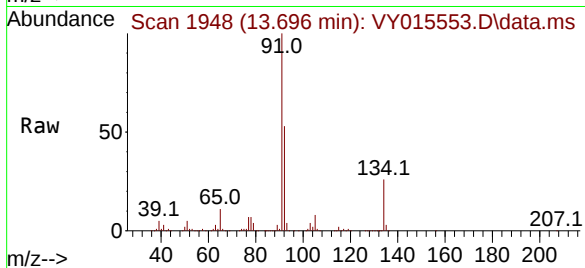
Tgt Ion: 91 Resp: 357018

Ion Ratio Lower Upper

91 100

92 53.0 25.4 76.0

134 26.6 12.6 37.6



#90

Hexachloroethane

Concen: 46.675 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY015553.D

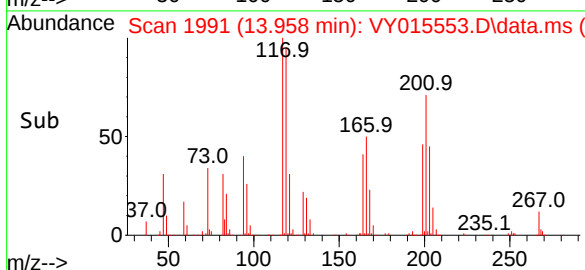
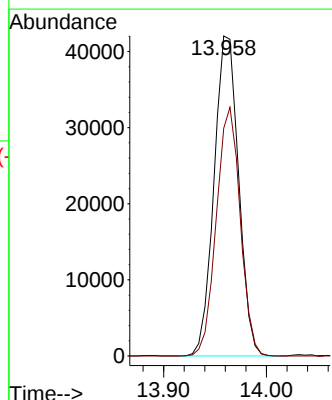
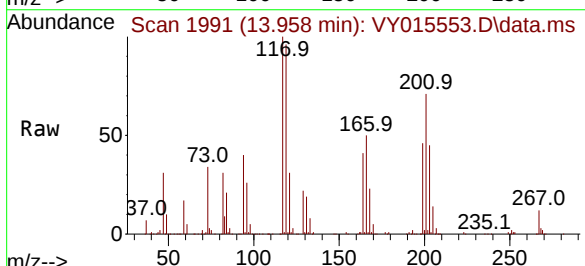
Acq: 14 Sep 2023 22:58

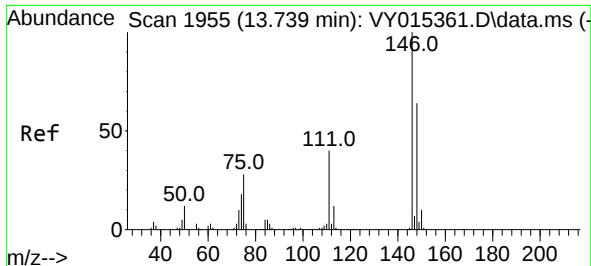
Tgt Ion: 117 Resp: 69783

Ion Ratio Lower Upper

117 100

201 75.5 41.6 124.8

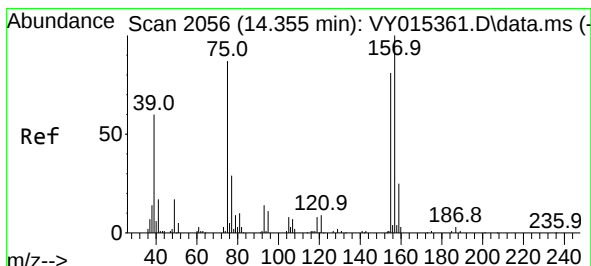
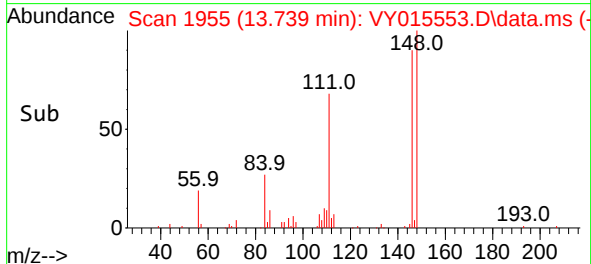
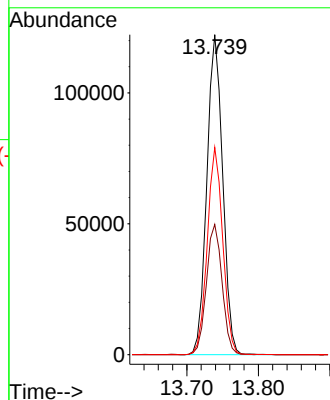
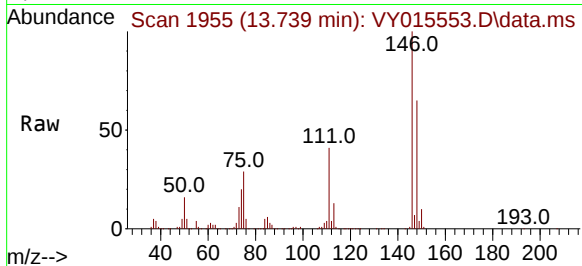




#91
1,2-Dichlorobenzene
Concen: 48.195 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY015553.D
Acq: 14 Sep 2023 22:58

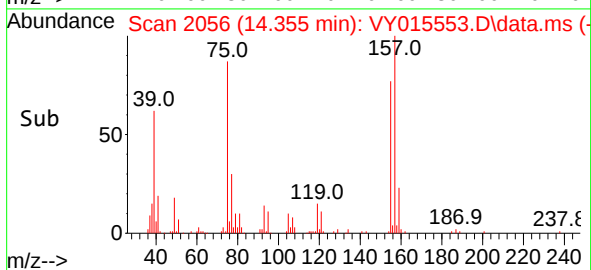
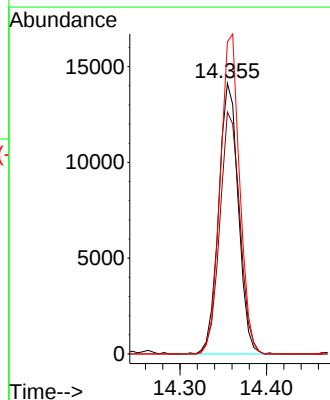
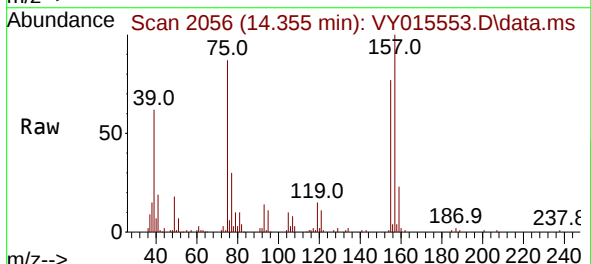
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

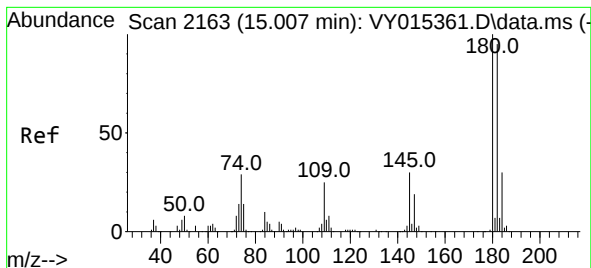
Tgt Ion:146 Resp: 187716
Ion Ratio Lower Upper
146 100
111 40.5 19.7 59.0
148 63.5 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.761 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY015553.D
Acq: 14 Sep 2023 22:58

Tgt Ion: 75 Resp: 22311
Ion Ratio Lower Upper
75 100
155 91.2 41.5 124.6
157 116.4 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 47.073 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015553.D

Acq: 14 Sep 2023 22:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

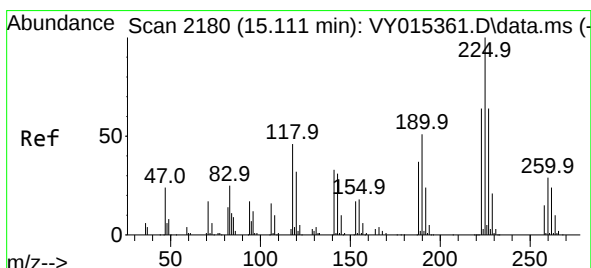
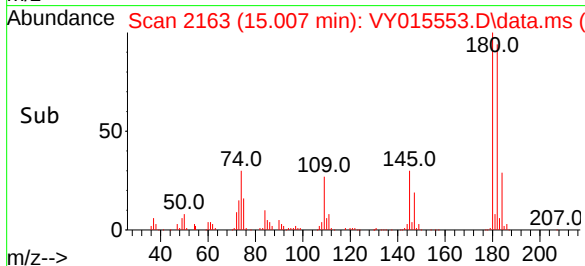
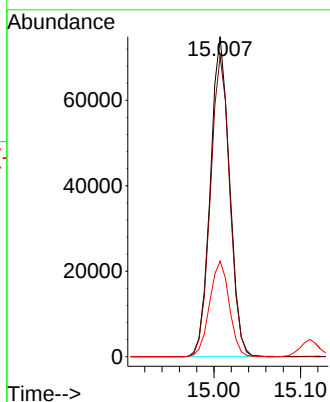
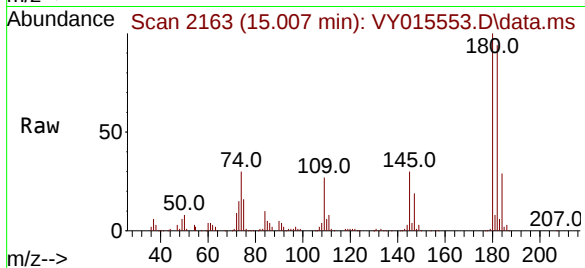
Tgt Ion:180 Resp: 115143

Ion Ratio Lower Upper

180 100

182 94.7 47.0 141.2

145 30.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 44.712 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY015553.D

Acq: 14 Sep 2023 22:58

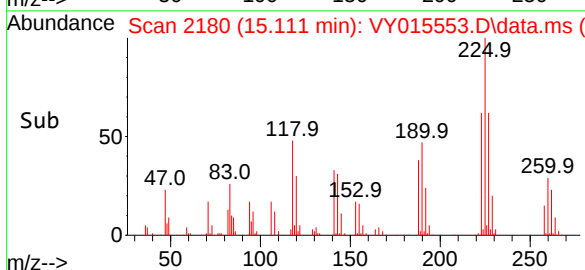
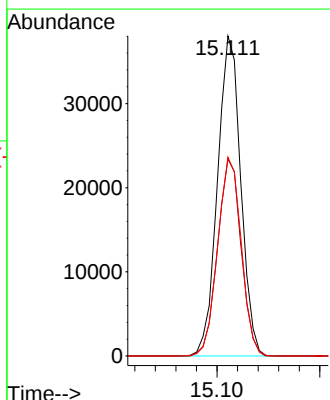
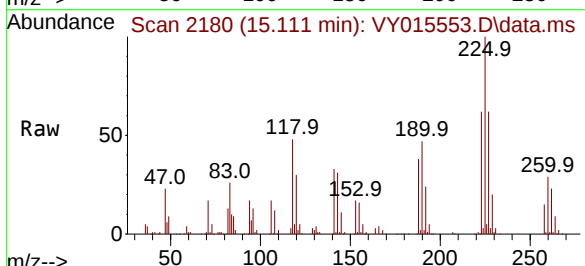
Tgt Ion:225 Resp: 59637

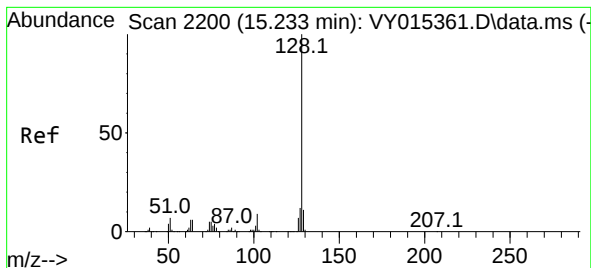
Ion Ratio Lower Upper

225 100

223 62.3 31.9 95.9

227 62.9 33.0 98.9





#95

Naphthalene

Concen: 51.172 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY015553.D

Acq: 14 Sep 2023 22:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

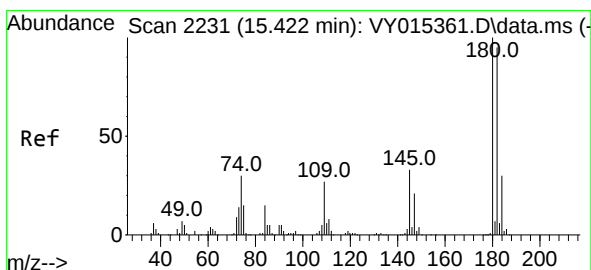
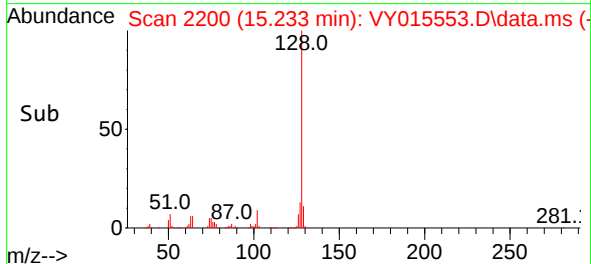
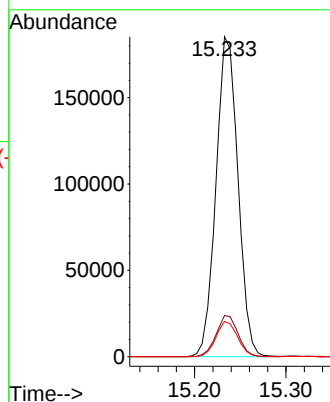
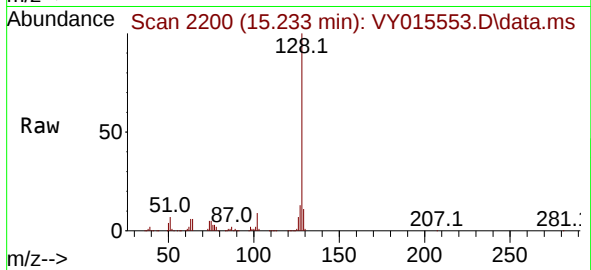
Tgt Ion:128 Resp: 310061

Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 47.411 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY015553.D

Acq: 14 Sep 2023 22:58

Tgt Ion:180 Resp: 105780

Ion Ratio Lower Upper

180 100

182 94.7 47.3 141.8

145 32.5 15.4 46.2

