

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092923\
 Data File : VY015772.D
 Acq On : 29 Sep 2023 22:32
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 30 01:21:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	182365	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.703	114	310972	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.496	117	289580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	145868	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	95462	47.576	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.160%
35) Dibromofluoromethane	7.728	113	84897	45.612	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.220%
50) Toluene-d8	10.191	98	294973	46.740	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.480%
62) 4-Bromofluorobenzene	12.489	95	113814	45.955	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.920%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	51606	42.930	ug/l	98
3) Chloromethane	2.119	50	64948	42.827	ug/l	97
4) Vinyl Chloride	2.253	62	79528	45.866	ug/l	98
5) Bromomethane	2.656	94	57871	38.322	ug/l	96
6) Chloroethane	2.796	64	57446	44.698	ug/l	99
7) Trichlorofluoromethane	3.131	101	131665	45.278	ug/l	99
8) Diethyl Ether	3.540	74	58938	47.528	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.912	101	82716	45.430	ug/l	95
10) Methyl Iodide	4.101	142	89489	42.245	ug/l	97
11) Tert butyl alcohol	5.021	59	115542	280.212	ug/l #	81
12) 1,1-Dichloroethene	3.881	96	71212	44.386	ug/l	93
13) Acrolein	3.747	56	67911	220.996	ug/l	99
14) Allyl chloride	4.491	41	131567	44.851	ug/l	95
15) Acrylonitrile	5.186	53	239246	262.995	ug/l	99
16) Acetone	3.979	43	237200	220.897	ug/l	91
17) Carbon Disulfide	4.204	76	127492	40.905	ug/l	98
18) Methyl Acetate	4.497	43	226983	63.001	ug/l	93
19) Methyl tert-butyl Ether	5.241	73	326118	49.908	ug/l	100
20) Methylene Chloride	4.729	84	109748	46.312	ug/l	91
21) trans-1,2-Dichloroethene	5.235	96	83853	45.726	ug/l	96
22) Diisopropyl ether	6.137	45	329697	46.703	ug/l	94
23) Vinyl Acetate	6.076	43	948250	217.620	ug/l	95
24) 1,1-Dichloroethane	6.033	63	176220	45.797	ug/l	97
25) 2-Butanone	7.009	43	363400	239.428	ug/l	96
26) 2,2-Dichloropropane	6.996	77	139038	39.534	ug/l	97
27) cis-1,2-Dichloroethene	7.003	96	112733	46.306	ug/l	93
28) Bromochloromethane	7.350	49	40913	39.190	ug/l	96
29) Tetrahydrofuran	7.368	42	236775	276.005	ug/l	92
30) Chloroform	7.521	83	195311	47.397	ug/l	96
31) Cyclohexane	7.795	56	113853	40.960	ug/l	92
32) 1,1,1-Trichloroethane	7.716	97	161798	47.563	ug/l	99
36) 1,1-Dichloropropene	7.929	75	121681	44.215	ug/l	100
37) Ethyl Acetate	7.094	43	144768	52.738	ug/l	98
38) Carbon Tetrachloride	7.911	117	136695	45.759	ug/l	98
39) Methylcyclohexane	9.191	83	133335	43.804	ug/l	94
40) Benzene	8.173	78	381534	45.461	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	60149	40.695	ug/l	92
42) 1,2-Dichloroethane	8.246	62	138957	48.345	ug/l	94
43) Isopropyl Acetate	8.283	43	238321	50.825	ug/l	99
44) Trichloroethene	8.947	130	112349	47.930	ug/l	100
45) 1,2-Dichloropropane	9.228	63	107607	45.978	ug/l	96
46) Dibromomethane	9.319	93	73130	48.848	ug/l	95
47) Bromodichloromethane	9.508	83	160205	48.009	ug/l	97
48) Methyl methacrylate	9.301	41	107041	52.007	ug/l	91
49) 1,4-Dioxane	9.344	88	36595	1237.306	ug/l #	55
51) 4-Methyl-2-Pentanone	10.081	43	789477	271.639	ug/l	93
52) Toluene	10.252	92	251246	46.436	ug/l	94
53) t-1,3-Dichloropropene	10.471	75	169035	47.237	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	176445	45.807	ug/l	93
55) 1,1,2-Trichloroethane	10.654	97	106736	48.650	ug/l	97
56) Ethyl methacrylate	10.520	69	164729	50.949	ug/l	89
57) 1,3-Dichloropropane	10.795	76	179678	48.836	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	213980	208.353	ug/l	94
59) 2-Hexanone	10.843	43	608513	272.902	ug/l	91
60) Dibromochloromethane	10.990	129	127054	49.610	ug/l	100
61) 1,2-Dibromoethane	11.099	107	106366	49.557	ug/l	99
64) Tetrachloroethene	10.727	164	128105	51.562	ug/l	96
65) Chlorobenzene	11.526	112	287661	45.509	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	116660	47.513	ug/l	98
67) Ethyl Benzene	11.599	91	503528	45.576	ug/l	100
68) m/p-Xylenes	11.709	106	385888	91.893	ug/l	96
69) o-Xylene	12.038	106	190598	46.287	ug/l	100
70) Styrene	12.050	104	334845	47.507	ug/l	98
71) Bromoform	12.215	173	93117	52.335	ug/l #	99
73) Isopropylbenzene	12.337	105	508683	46.487	ug/l	99
74) N-amyl acetate	12.148	43	205108	49.871	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.587	83	150172	49.311	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	124257m	53.396	ug/l	
77) Bromobenzene	12.617	156	127475	47.458	ug/l	93
78) n-propylbenzene	12.678	91	611861	46.026	ug/l	100
79) 2-Chlorotoluene	12.764	91	355145	46.867	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	428280	46.751	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	51464	49.801	ug/l	95
82) 4-Chlorotoluene	12.861	91	366679	46.353	ug/l	99
83) tert-Butylbenzene	13.081	119	383744	47.828	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	432947	47.234	ug/l	98
85) sec-Butylbenzene	13.258	105	564266	46.994	ug/l	100
86) p-Isopropyltoluene	13.373	119	470944	46.954	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	250636	47.034	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	252243	47.330	ug/l	99
89) n-Butylbenzene	13.703	91	437747	46.090	ug/l	96
90) Hexachloroethane	13.965	117	91137	47.081	ug/l	91
91) 1,2-Dichlorobenzene	13.745	146	238882	48.562	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	34728	57.416	ug/l	92
93) 1,2,4-Trichlorobenzene	15.013	180	150245	48.516	ug/l	98
94) Hexachlorobutadiene	15.117	225	76711	48.371	ug/l	97
95) Naphthalene	15.239	128	495988	61.423	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	143201	50.100	ug/l	99

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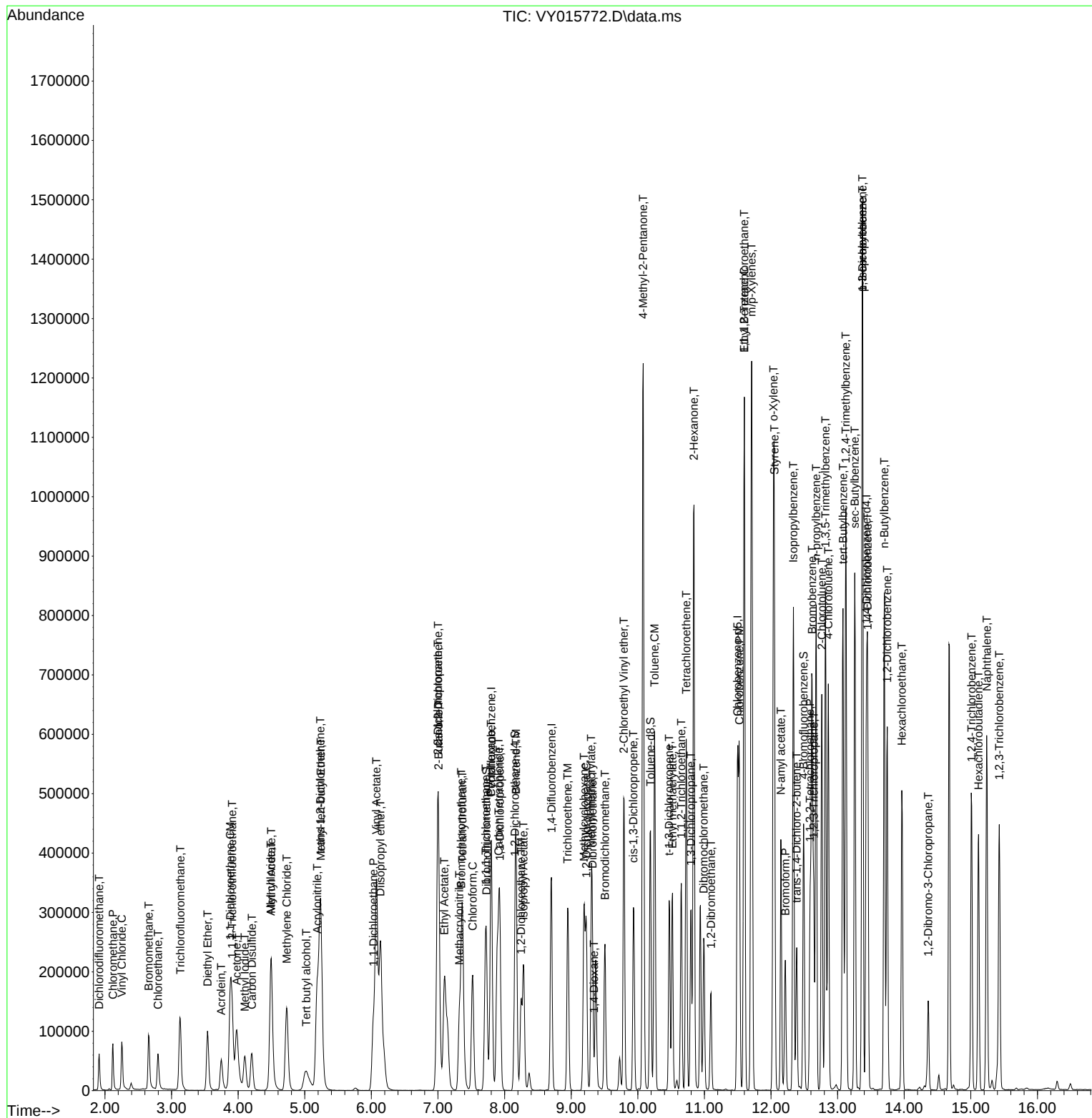
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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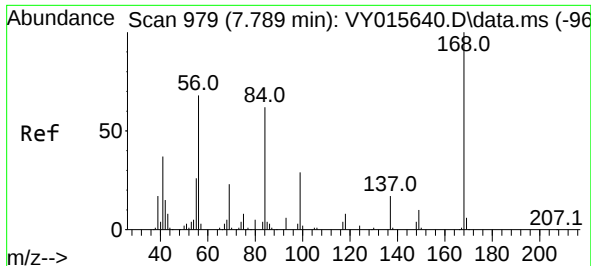
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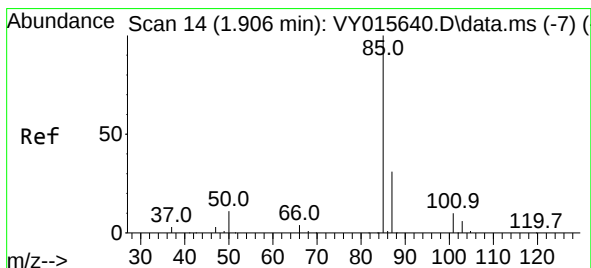
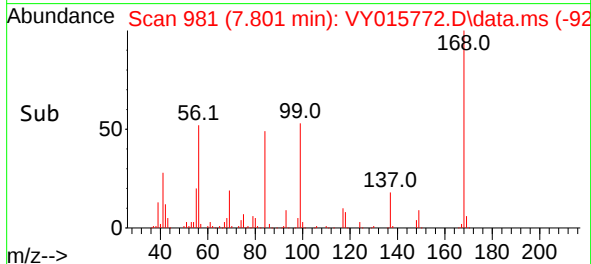
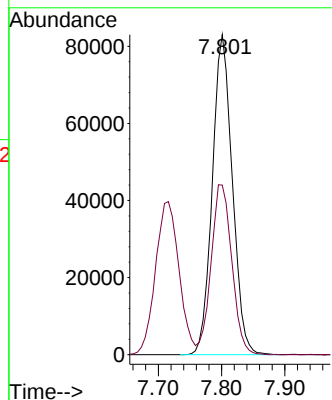
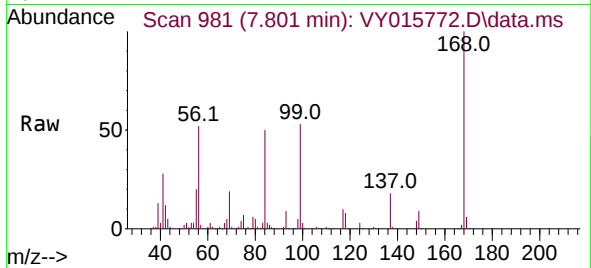




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.018 min
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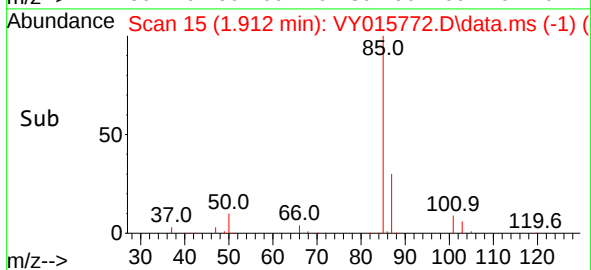
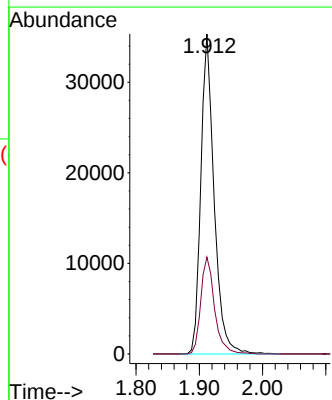
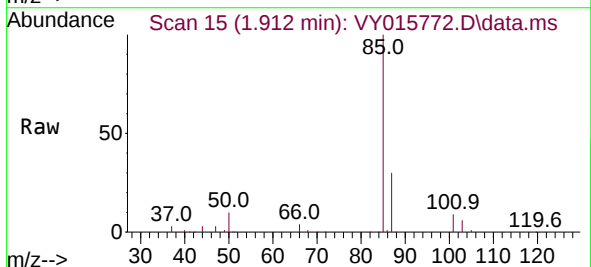
Instrument :
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ClientSampleId :
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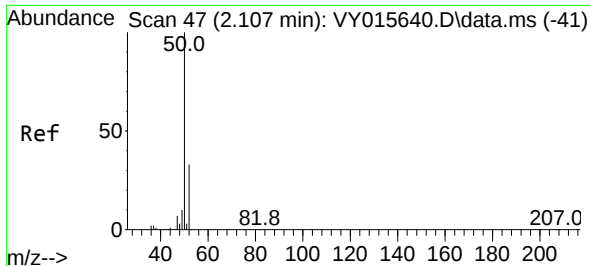
Tgt Ion:168 Resp: 182365
Ion Ratio Lower Upper
168 100
99 53.0 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 42.930 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.012 min
Lab File: VY015772.D
Acq: 29 Sep 2023 22:32

Tgt Ion: 85 Resp: 51606
Ion Ratio Lower Upper
85 100
87 30.2 15.6 46.8

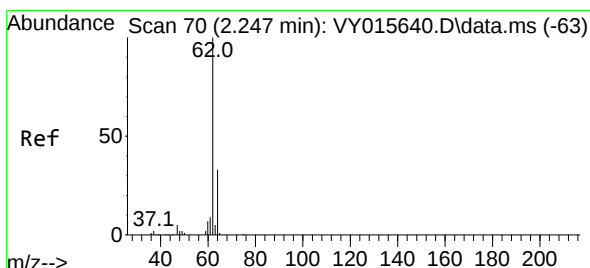
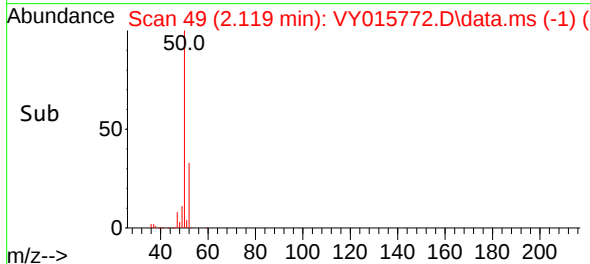
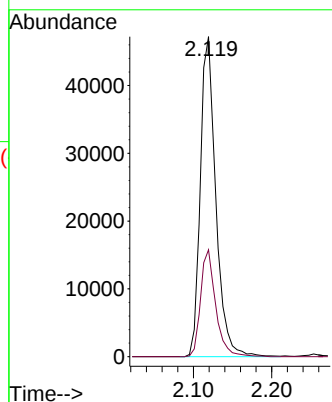
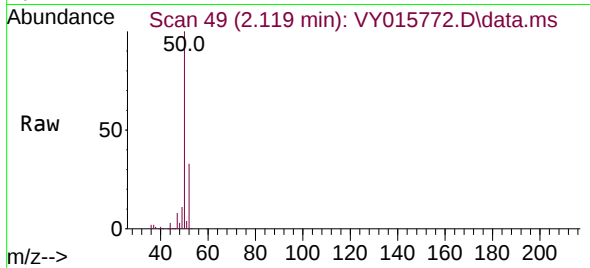




#3
Chloromethane
Concen: 42.827 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.012 min
Lab File: VY015772.D
Acq: 29 Sep 2023 22:32

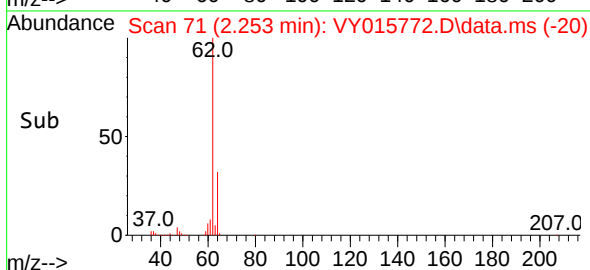
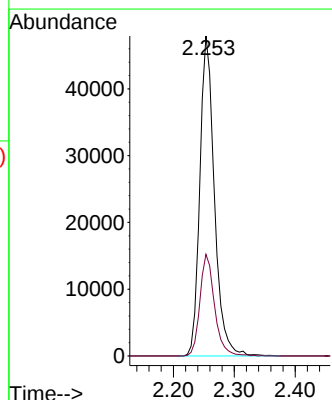
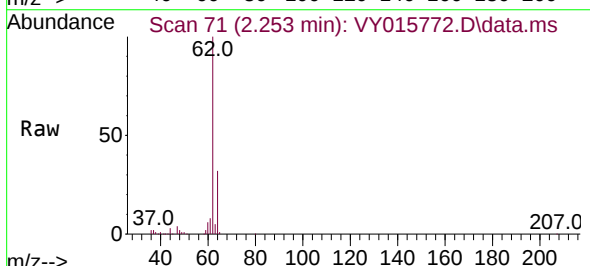
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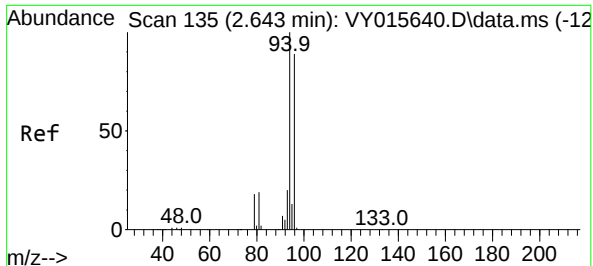
Tgt Ion: 50 Resp: 64948
Ion Ratio Lower Upper
50 100
52 33.4 25.4 38.2



#4
Vinyl Chloride
Concen: 45.866 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.012 min
Lab File: VY015772.D
Acq: 29 Sep 2023 22:32

Tgt Ion: 62 Resp: 79528
Ion Ratio Lower Upper
62 100
64 31.7 24.3 36.5

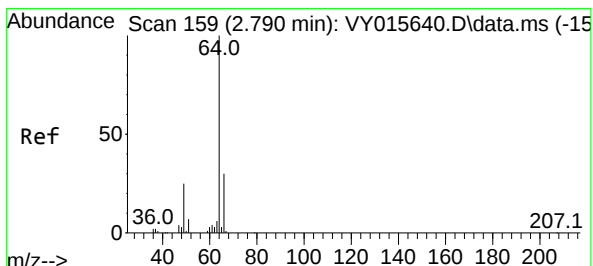
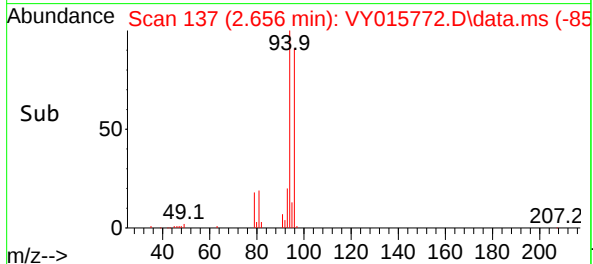
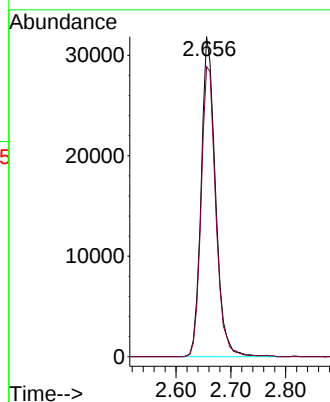
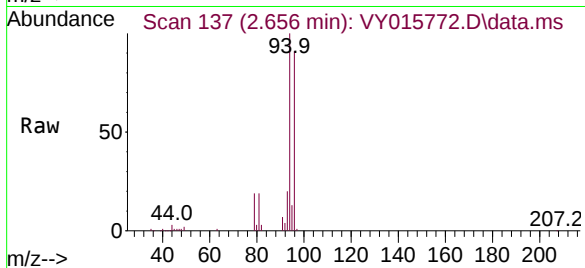




#5
Bromomethane
Concen: 38.322 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.019 min
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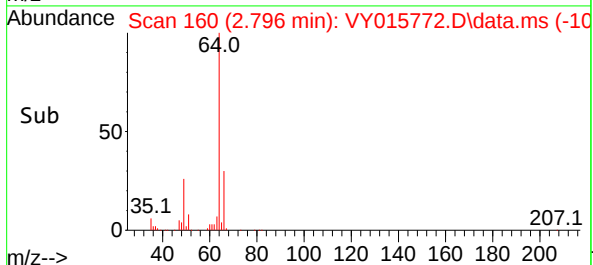
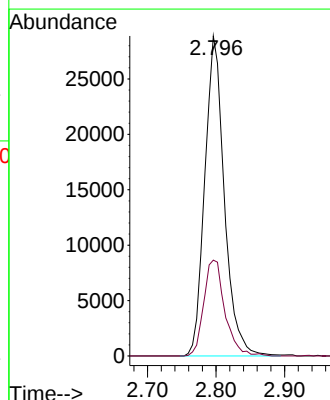
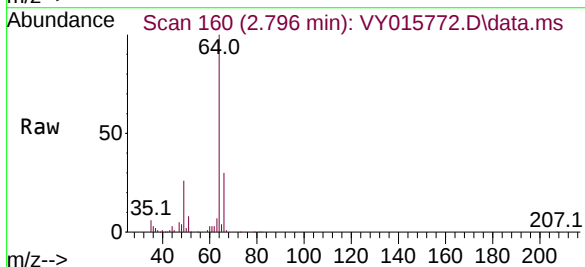
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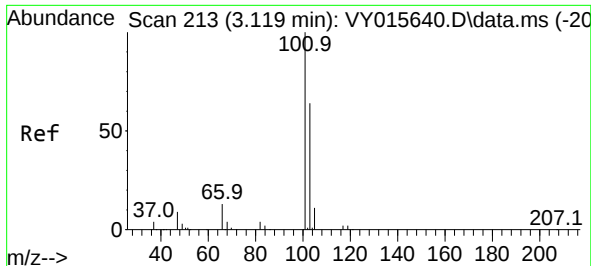
Tgt Ion: 94 Resp: 57871
Ion Ratio Lower Upper
94 100
96 90.6 75.8 113.6



#6
Chloroethane
Concen: 44.698 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.012 min
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Tgt Ion: 64 Resp: 57446
Ion Ratio Lower Upper
64 100
66 30.0 24.4 36.6

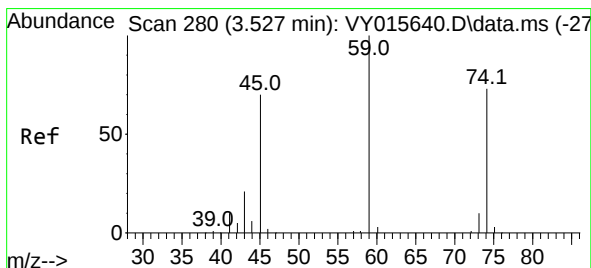
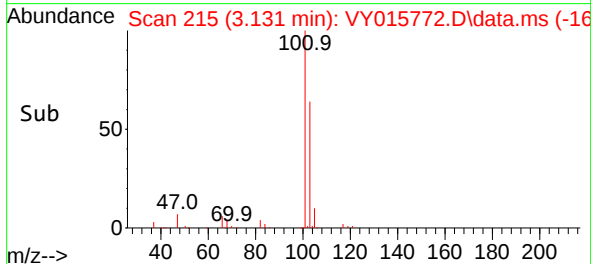
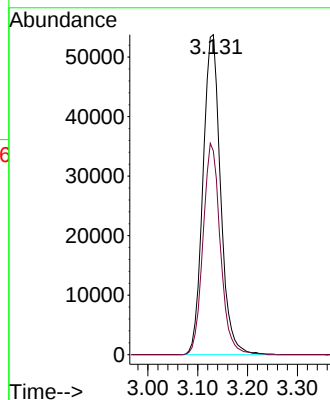
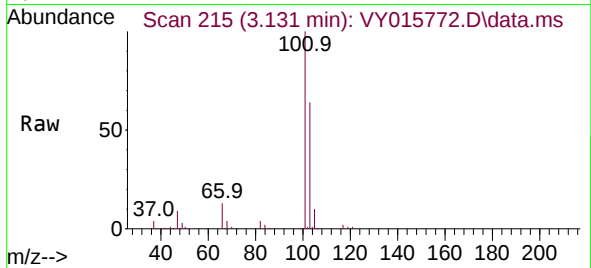




#7
 Trichlorofluoromethane
 Concen: 45.278 ug/l
 RT: 3.131 min Scan# 213
 Delta R.T. 0.018 min
 Lab File: VY015772.D
 Acq: 29 Sep 2023 22:32

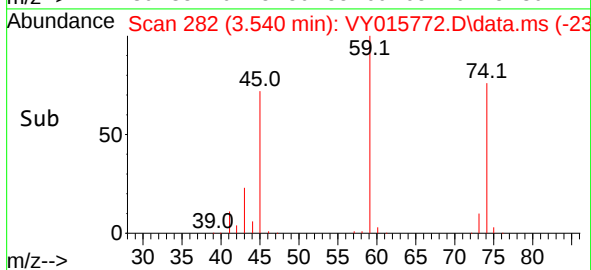
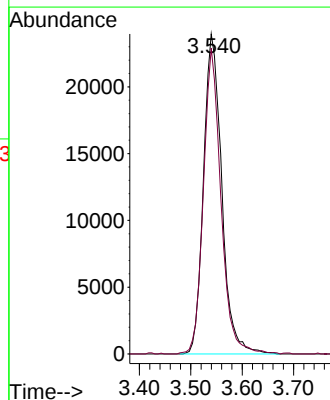
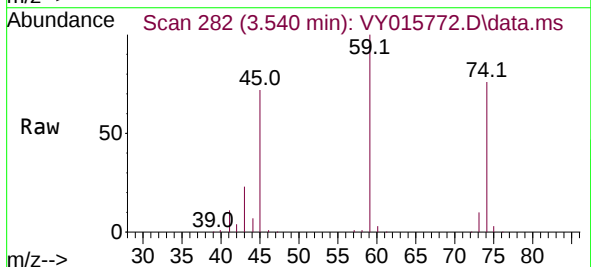
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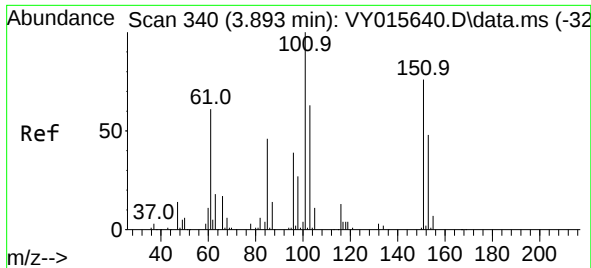
Tgt Ion:101 Resp: 131665
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.4 77.0



#8
 Diethyl Ether
 Concen: 47.528 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. 0.019 min
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Tgt Ion: 74 Resp: 58938
 Ion Ratio Lower Upper
 74 100
 45 92.1 51.5 154.5

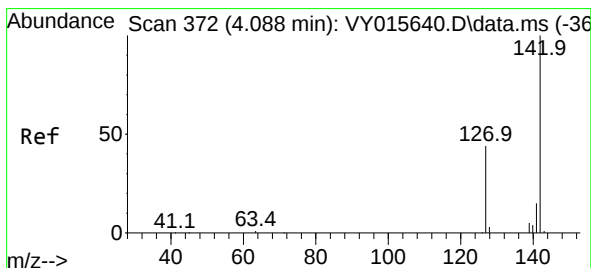
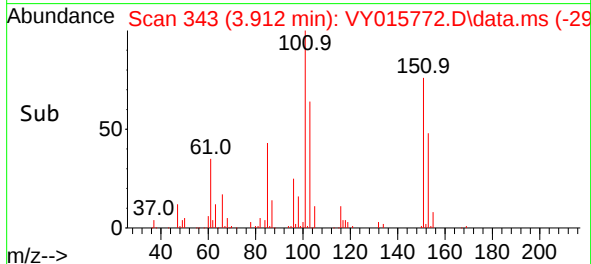
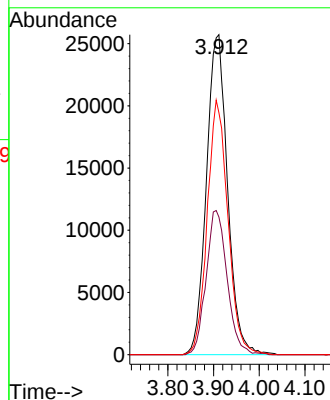
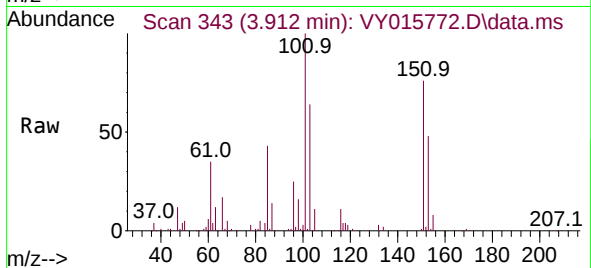




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.430 ug/l
RT: 3.912 min Scan# 34
Delta R.T. 0.019 min
Lab File: VY015772.D
Acq: 29 Sep 2023 22:32

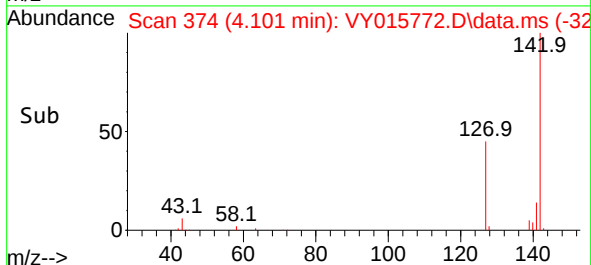
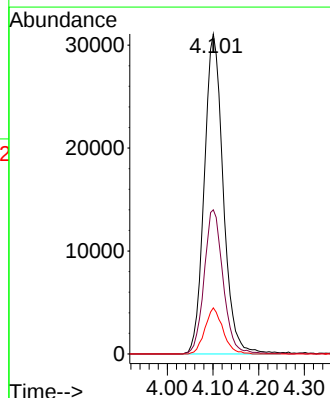
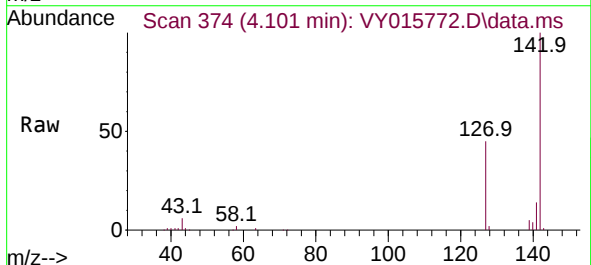
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

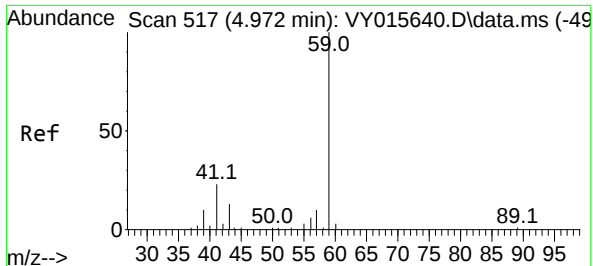
Tgt Ion:101 Resp: 82716
Ion Ratio Lower Upper
101 100
85 44.9 36.6 55.0
151 77.7 67.0 100.6



#10
Methyl Iodide
Concen: 42.245 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.019 min
Lab File: VY015772.D
Acq: 29 Sep 2023 22:32

Tgt Ion:142 Resp: 89489
Ion Ratio Lower Upper
142 100
127 45.0 37.6 56.4
141 13.7 11.8 17.8

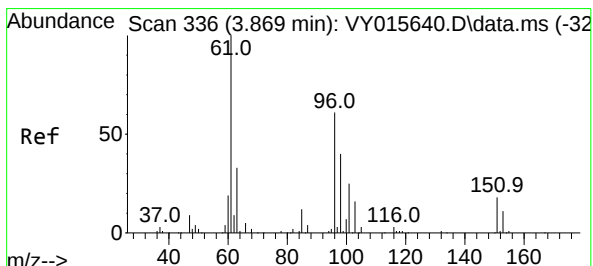
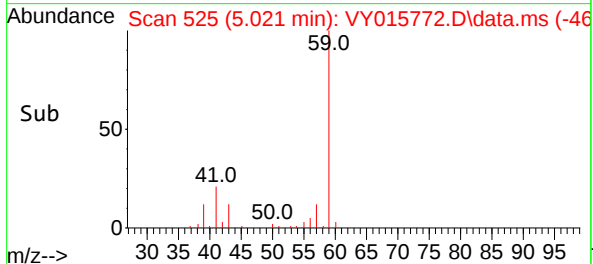
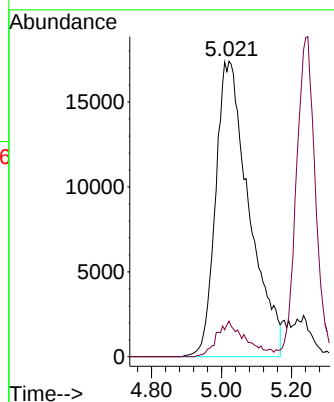
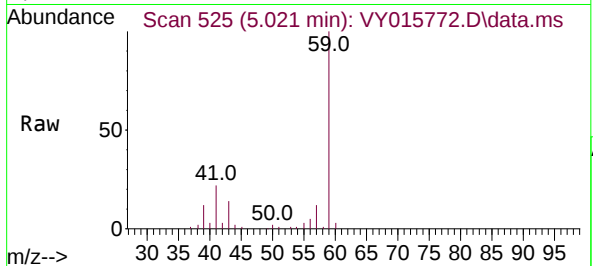




#11
Tert butyl alcohol
Concen: 280.212 ug/l
RT: 5.021 min Scan# 51
Delta R.T. 0.067 min
Lab File: VY015772.D
Acq: 29 Sep 2023 22:32

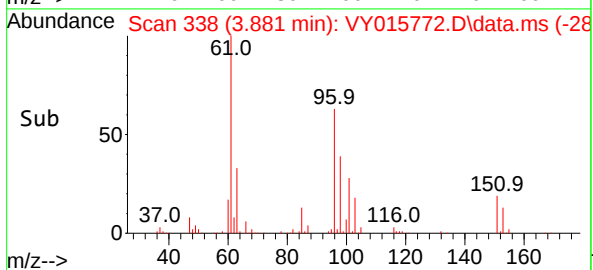
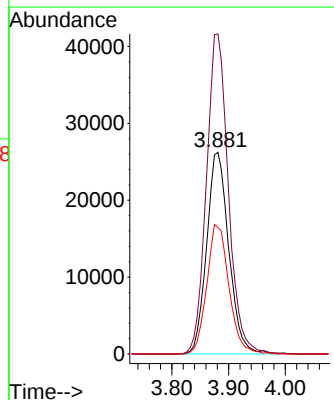
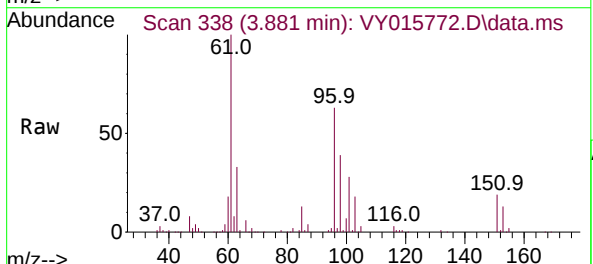
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

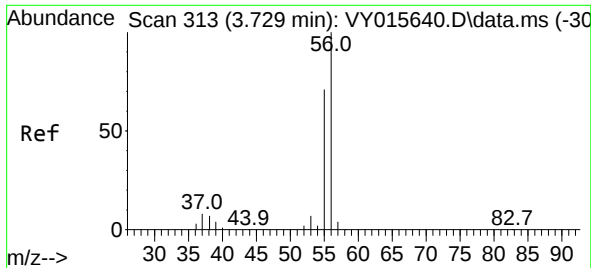
Tgt Ion: 59 Resp: 115542
Ion Ratio Lower Upper
59 100
57 10.1 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 44.386 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.018 min
Lab File: VY015772.D
Acq: 29 Sep 2023 22:32

Tgt Ion: 96 Resp: 71212
Ion Ratio Lower Upper
96 100
61 158.7 136.4 204.6
98 62.7 49.4 74.2





#13

Acrolein

Concen: 220.996 ug/l

RT: 3.747 min Scan# 31

Delta R.T. 0.024 min

Lab File: VY015772.D

Acq: 29 Sep 2023 22:32

Instrument :

MSVOA_Y

ClientSampleId :

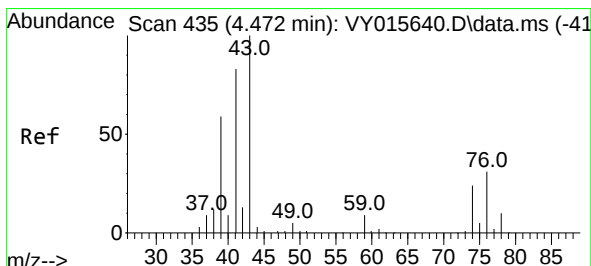
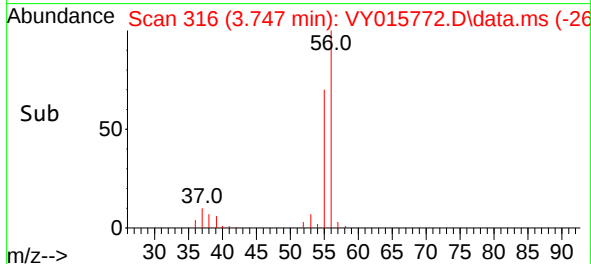
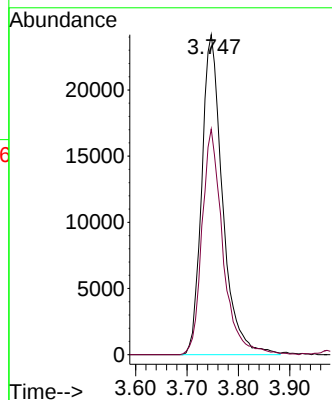
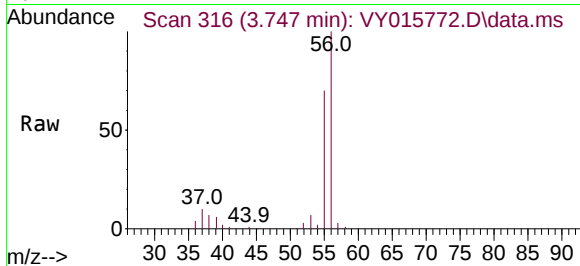
VSTDCCC050EC

Tgt Ion: 56 Resp: 67911

Ion Ratio Lower Upper

56 100

55 70.6 57.0 85.4



#14

Allyl chloride

Concen: 44.851 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.019 min

Lab File: VY015772.D

Acq: 29 Sep 2023 22:32

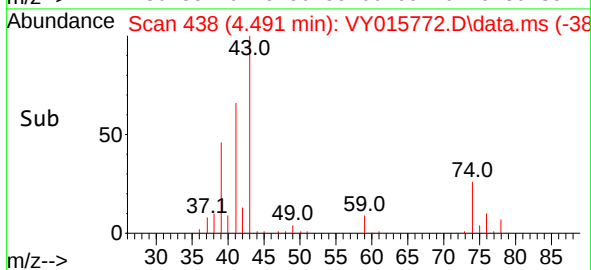
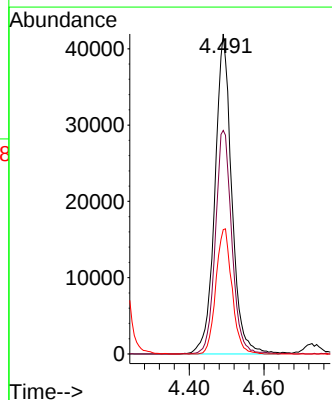
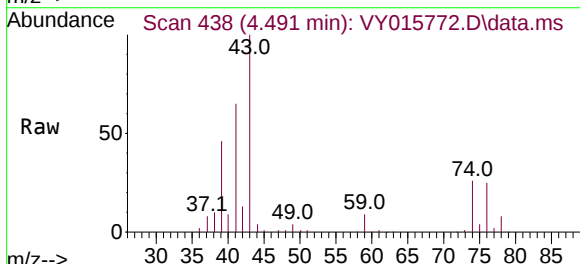
Tgt Ion: 41 Resp: 131567

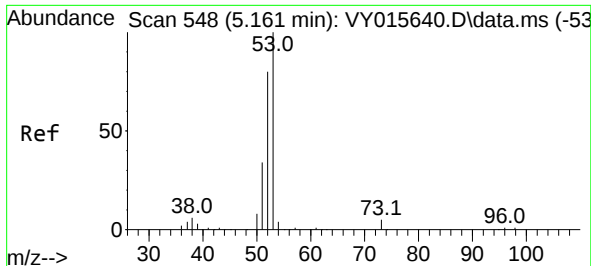
Ion Ratio Lower Upper

41 100

39 68.0 58.0 87.0

76 37.3 27.4 41.2

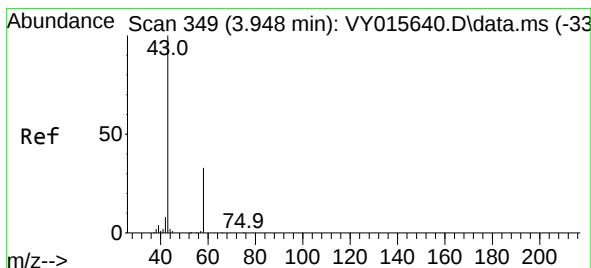
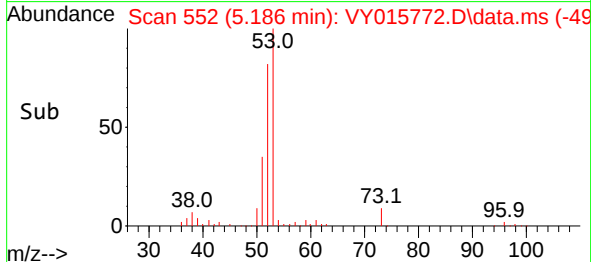
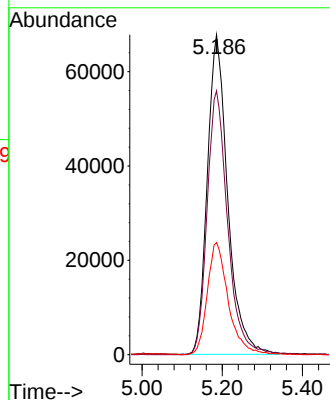
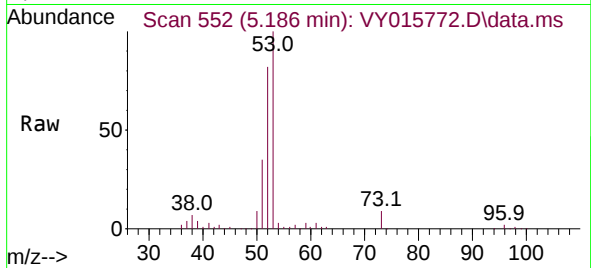




#15
Acrylonitrile
Concen: 262.995 ug/l
RT: 5.186 min Scan# 51
Delta R.T. 0.025 min
Lab File: VY015772.D
Acq: 29 Sep 2023 22:32

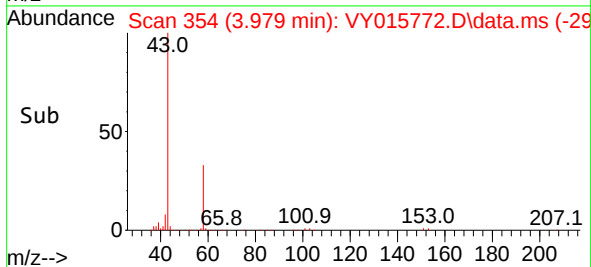
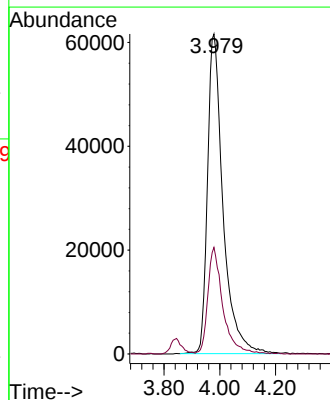
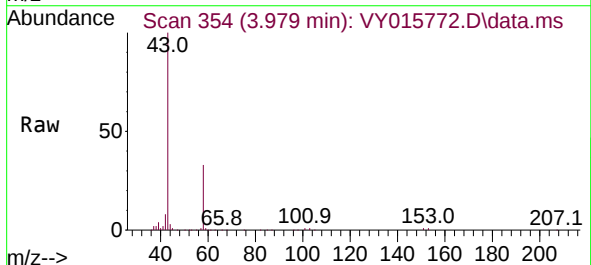
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

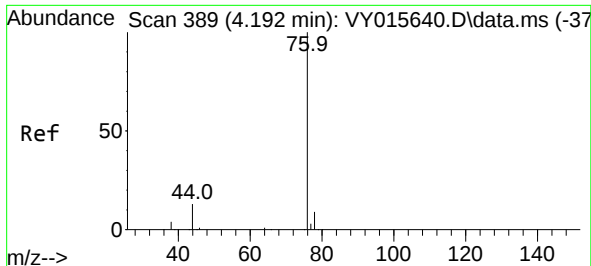
Tgt Ion: 53 Resp: 239246
Ion Ratio Lower Upper
53 100
52 83.2 66.9 100.3
51 36.4 29.8 44.6



#16
Acetone
Concen: 220.897 ug/l
RT: 3.979 min Scan# 354
Delta R.T. 0.037 min
Lab File: VY015772.D
Acq: 29 Sep 2023 22:32

Tgt Ion: 43 Resp: 237200
Ion Ratio Lower Upper
43 100
58 33.2 22.7 34.1

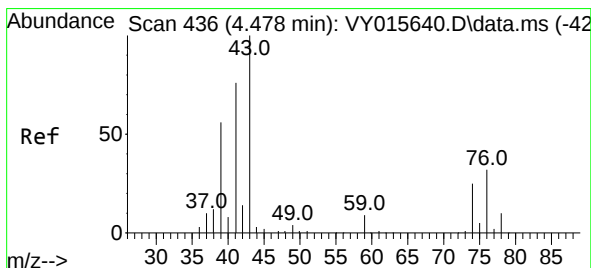
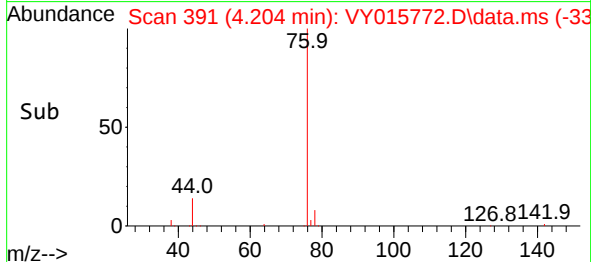
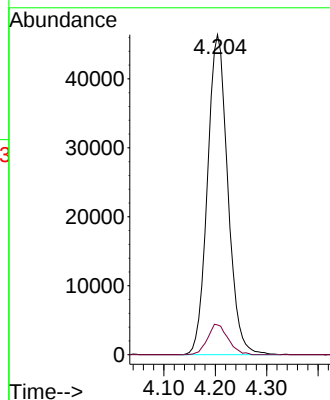
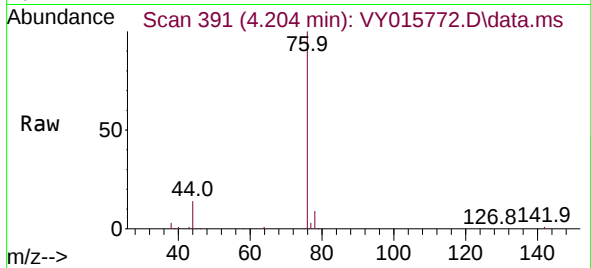




#17
Carbon Disulfide
Concen: 40.905 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.018 min
Lab File: VY015772.D
Acq: 29 Sep 2023 22:32

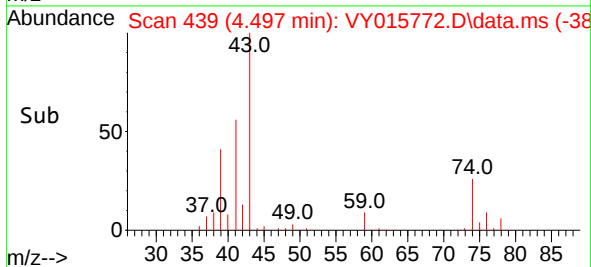
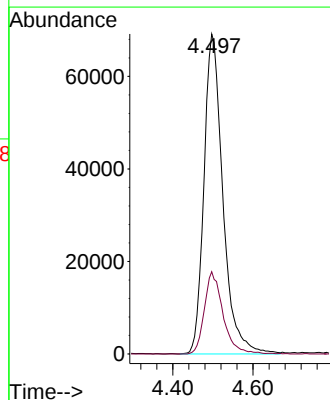
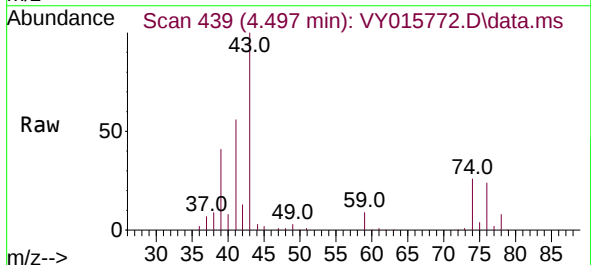
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

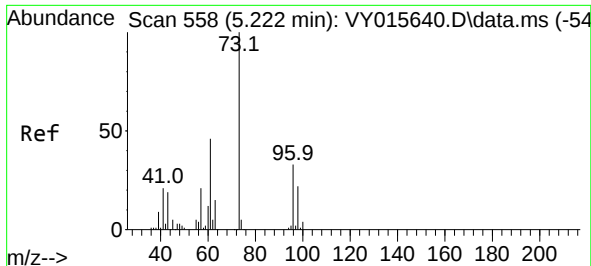
Tgt Ion: 76 Resp: 127492
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4



#18
Methyl Acetate
Concen: 63.001 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.025 min
Lab File: VY015772.D
Acq: 29 Sep 2023 22:32

Tgt Ion: 43 Resp: 226983
Ion Ratio Lower Upper
43 100
74 25.2 17.4 26.0

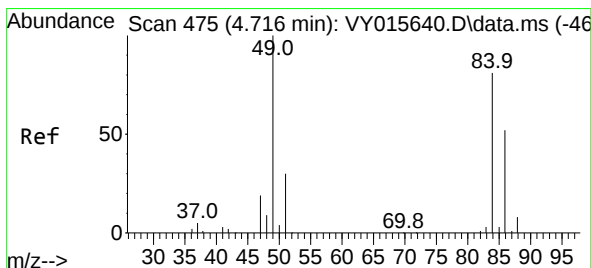
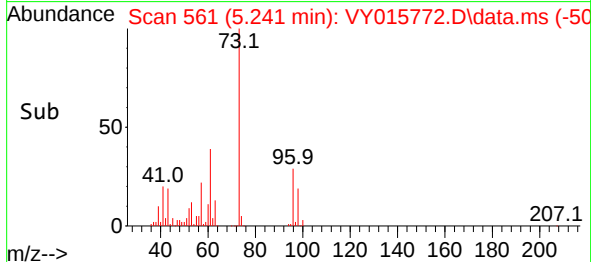
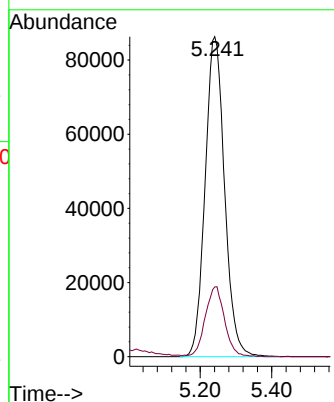
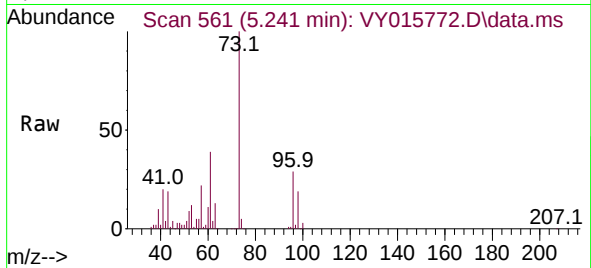




#19
Methyl tert-butyl Ether
Concen: 49.908 ug/l
RT: 5.241 min Scan# 50
Delta R.T. 0.031 min
Lab File: VY015772.D
Acq: 29 Sep 2023 22:32

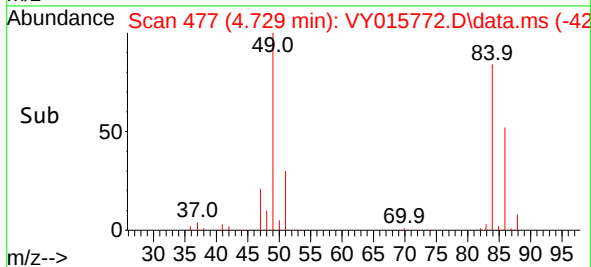
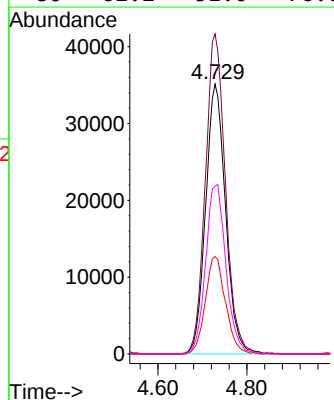
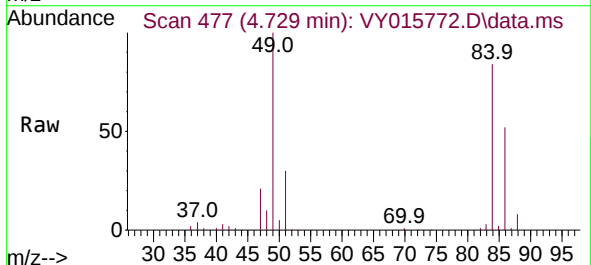
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

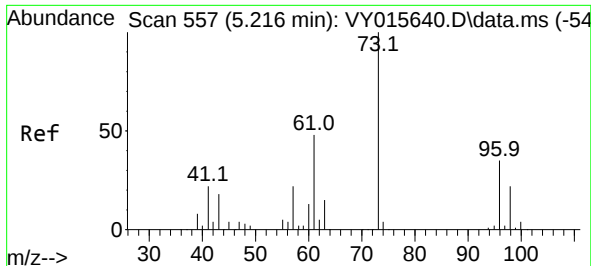
Tgt Ion: 73 Resp: 326118
Ion Ratio Lower Upper
73 100
57 21.8 17.3 25.9



#20
Methylene Chloride
Concen: 46.312 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.025 min
Lab File: VY015772.D
Acq: 29 Sep 2023 22:32

Tgt Ion: 84 Resp: 109748
Ion Ratio Lower Upper
84 100
49 118.6 106.9 160.3
51 36.1 33.2 49.8
86 62.2 51.0 76.6

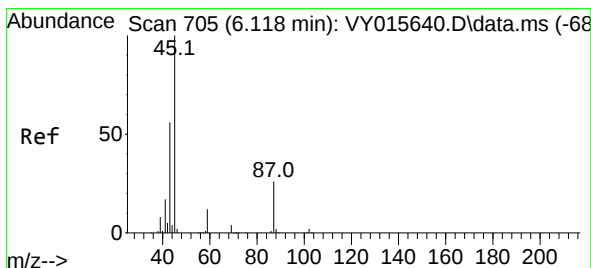
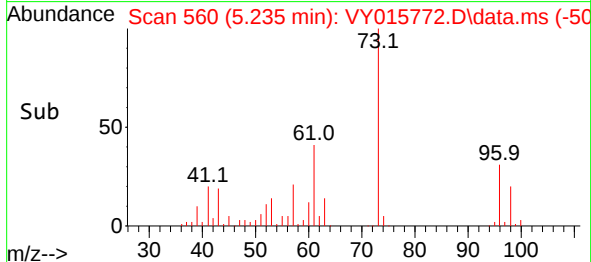
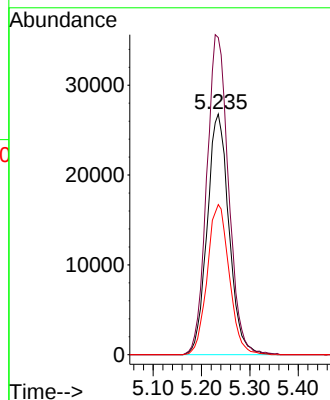
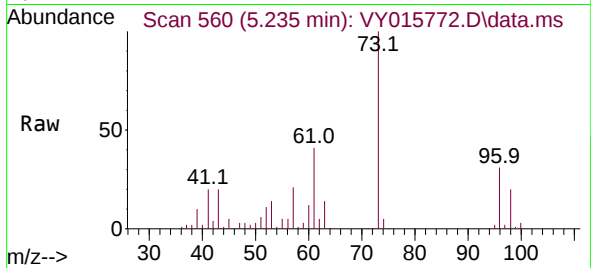




#21
trans-1,2-Dichloroethene
Concen: 45.726 ug/l
RT: 5.235 min Scan# 50
Delta R.T. 0.025 min
Lab File: VY015772.D
Acq: 29 Sep 2023 22:32

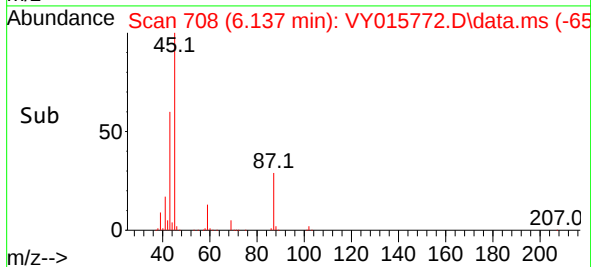
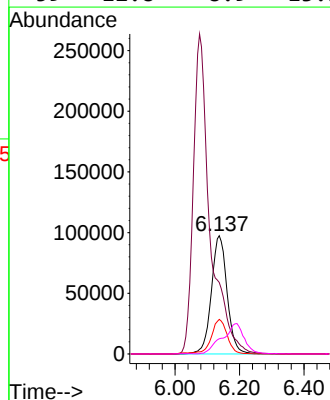
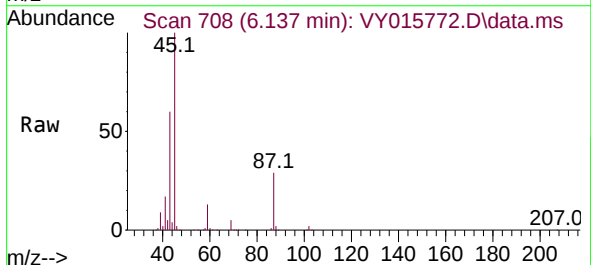
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

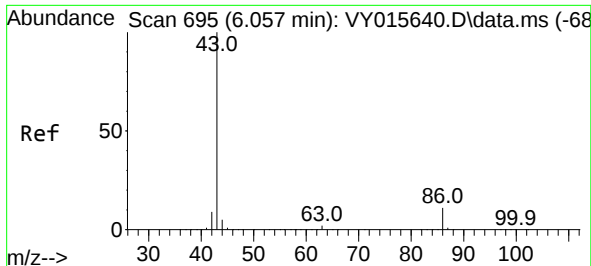
Tgt Ion: 96 Resp: 83853
Ion Ratio Lower Upper
96 100
61 131.7 110.2 165.4
98 62.3 51.8 77.6



#22
Diisopropyl ether
Concen: 46.703 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.025 min
Lab File: VY015772.D
Acq: 29 Sep 2023 22:32

Tgt Ion: 45 Resp: 329697
Ion Ratio Lower Upper
45 100
43 60.3 52.2 78.4
87 29.2 21.0 31.6
59 12.8 8.9 13.3





#23

Vinyl Acetate

Concen: 217.620 ug/l

RT: 6.076 min Scan# 695

Delta R.T. 0.025 min

Lab File: VY015772.D

Acq: 29 Sep 2023 22:32

Instrument :

MSVOA_Y

ClientSampleId :

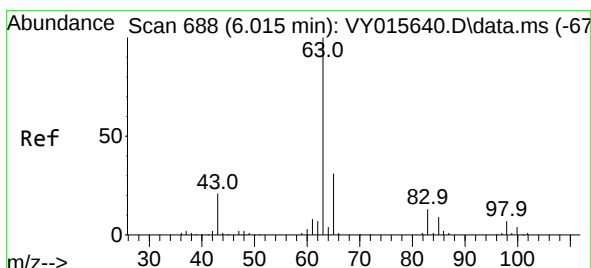
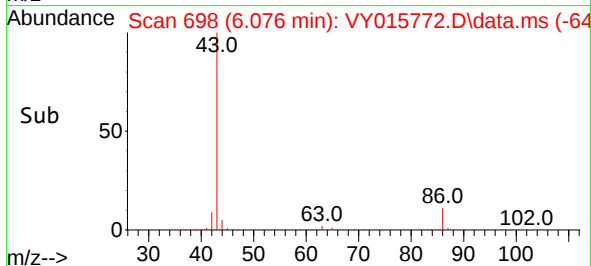
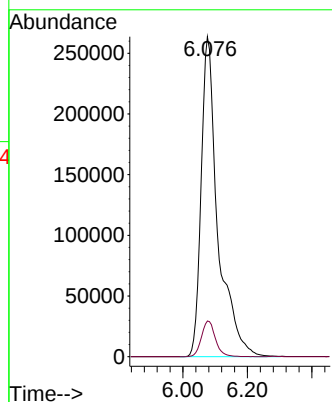
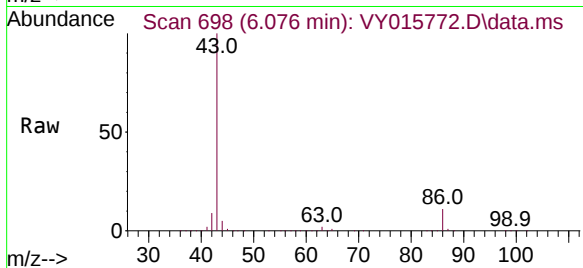
VSTDCCC050EC

Tgt Ion: 43 Resp: 948250

Ion Ratio Lower Upper

43 100

86 11.1 7.5 11.3



#24

1,1-Dichloroethane

Concen: 45.797 ug/l

RT: 6.033 min Scan# 691

Delta R.T. 0.030 min

Lab File: VY015772.D

Acq: 29 Sep 2023 22:32

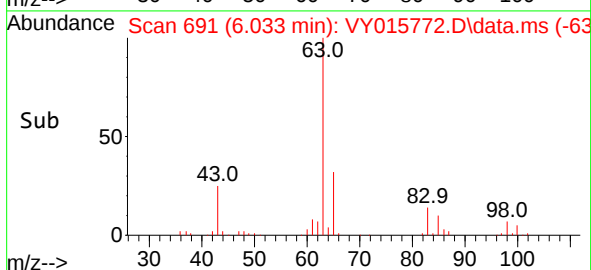
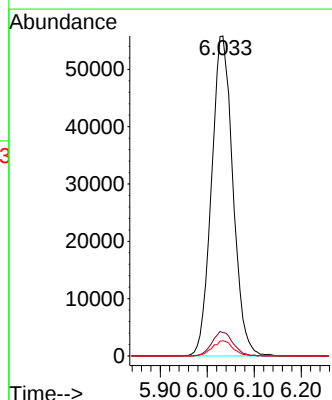
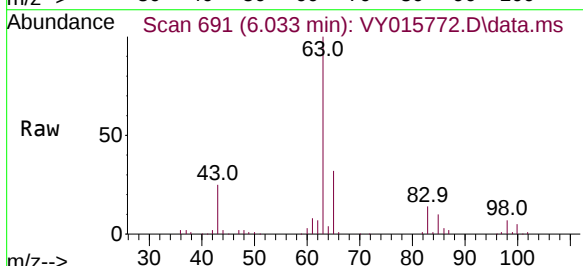
Tgt Ion: 63 Resp: 176220

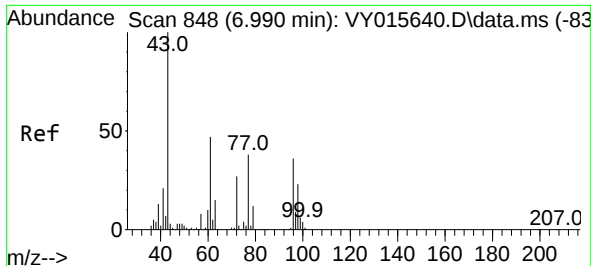
Ion Ratio Lower Upper

63 100

98 7.3 3.1 9.4

100 4.8 1.8 5.5

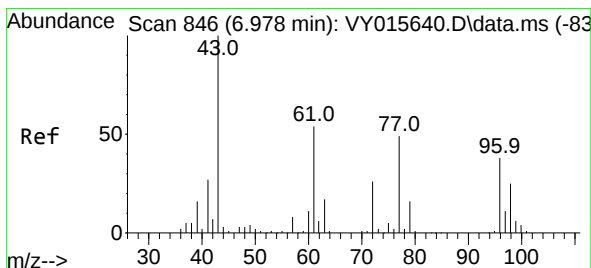
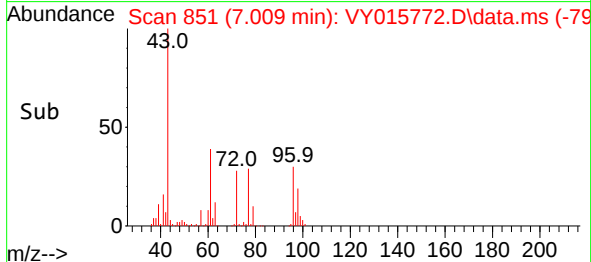
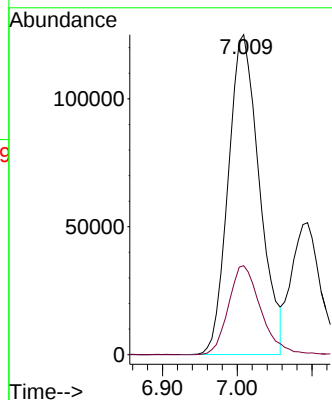
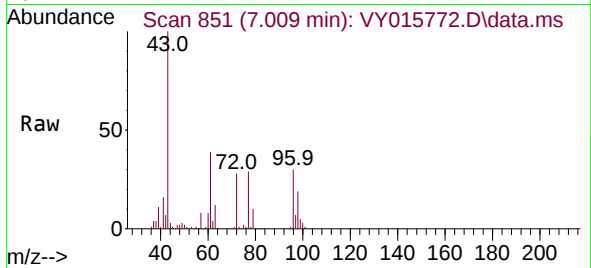




#25
2-Butanone
Concen: 239.428 ug/l
RT: 7.009 min Scan# 81
Delta R.T. 0.031 min
Lab File: VY015772.D
Acq: 29 Sep 2023 22:32

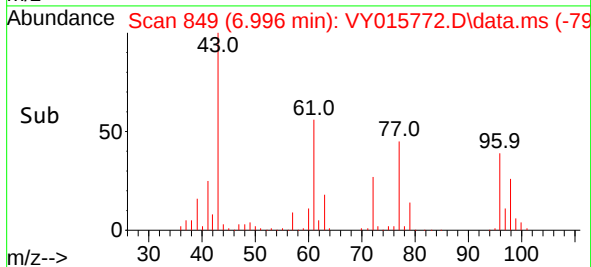
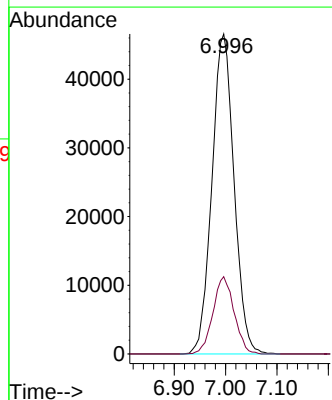
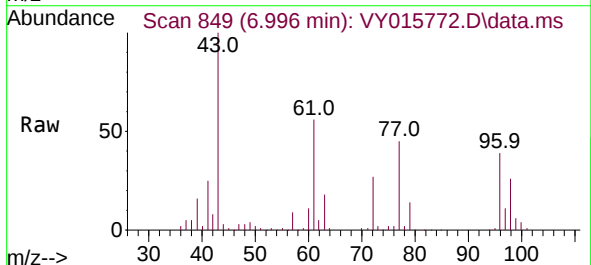
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

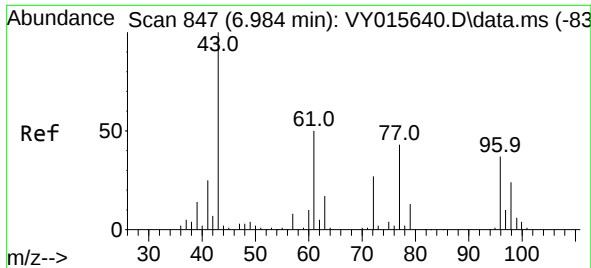
Tgt Ion: 43 Resp: 363400
Ion Ratio Lower Upper
43 100
72 27.8 20.5 30.7



#26
2,2-Dichloropropane
Concen: 39.534 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.024 min
Lab File: VY015772.D
Acq: 29 Sep 2023 22:32

Tgt Ion: 77 Resp: 139038
Ion Ratio Lower Upper
77 100
97 23.1 10.9 32.9

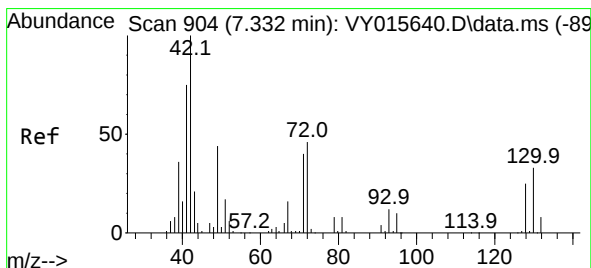
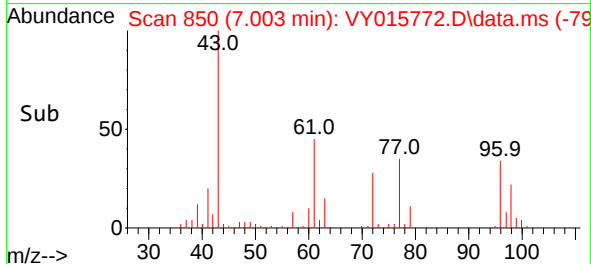
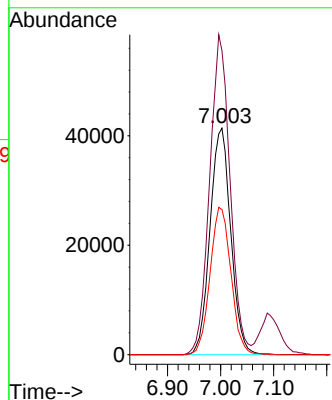
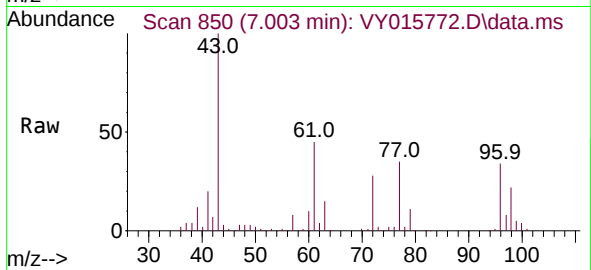




#27
 cis-1,2-Dichloroethene
 Concen: 46.306 ug/l
 RT: 7.003 min Scan# 81
 Delta R.T. 0.025 min
 Lab File: VY015772.D
 Acq: 29 Sep 2023 22:32

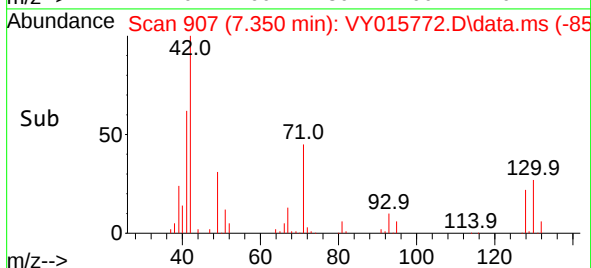
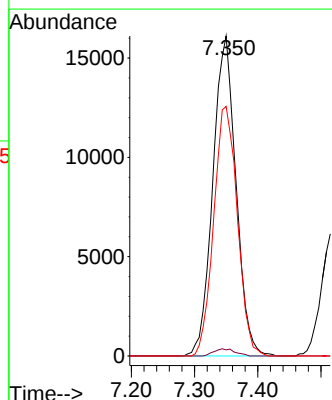
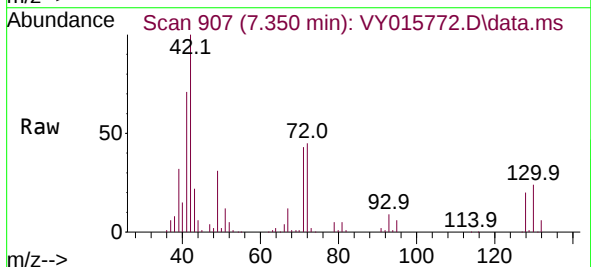
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

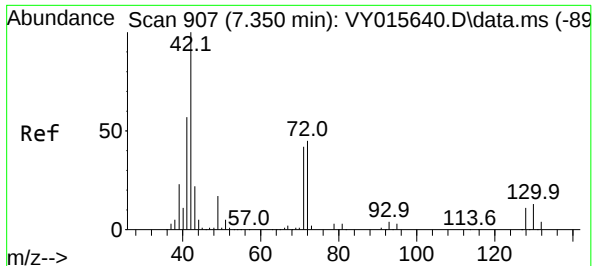
Tgt Ion: 96 Resp: 112733
 Ion Ratio Lower Upper
 96 100
 61 138.6 0.0 301.4
 98 65.3 0.0 130.4



#28
 Bromochloromethane
 Concen: 39.190 ug/l
 RT: 7.350 min Scan# 907
 Delta R.T. 0.024 min
 Lab File: VY015772.D
 Acq: 29 Sep 2023 22:32

Tgt Ion: 49 Resp: 40913
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 79.6 60.7 91.1





#29

Tetrahydrofuran

Concen: 276.005 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.024 min

Lab File: VY015772.D

Acq: 29 Sep 2023 22:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

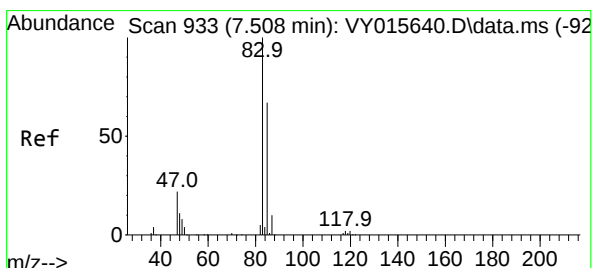
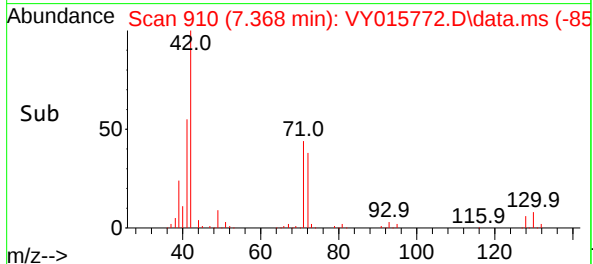
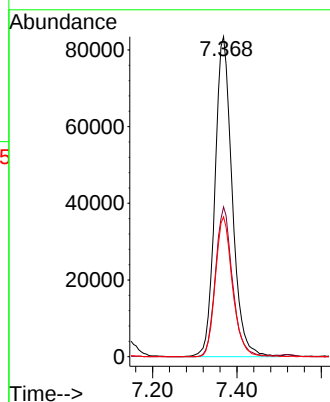
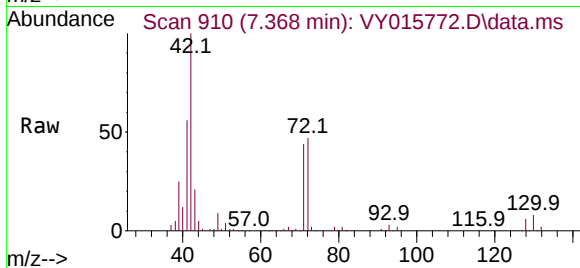
Tgt Ion: 42 Resp: 236775

Ion Ratio Lower Upper

42 100

72 46.3 32.8 49.2

71 43.5 31.0 46.4



#30

Chloroform

Concen: 47.397 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.025 min

Lab File: VY015772.D

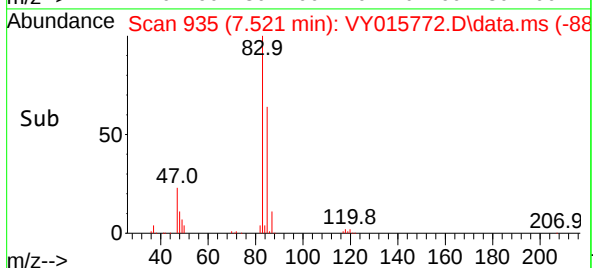
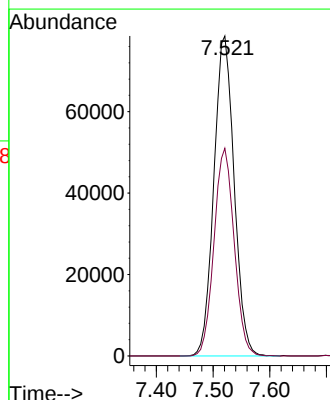
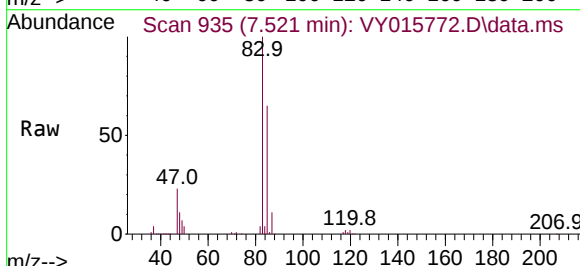
Acq: 29 Sep 2023 22:32

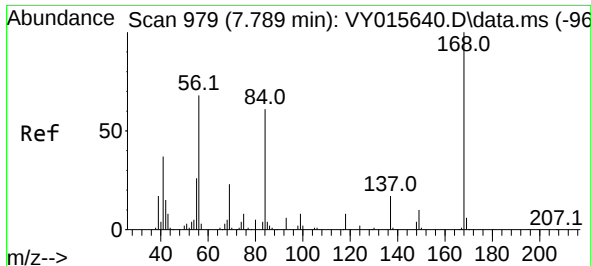
Tgt Ion: 83 Resp: 195311

Ion Ratio Lower Upper

83 100

85 64.9 49.7 74.5

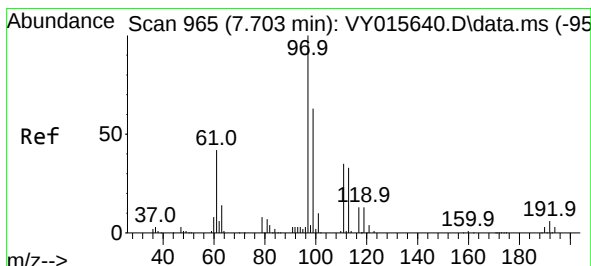
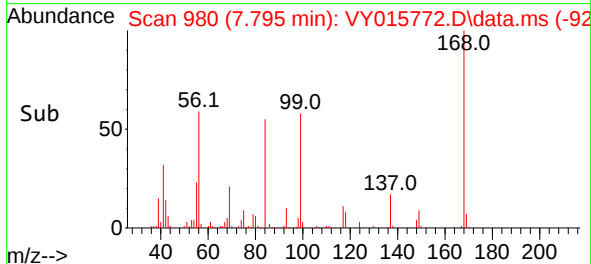
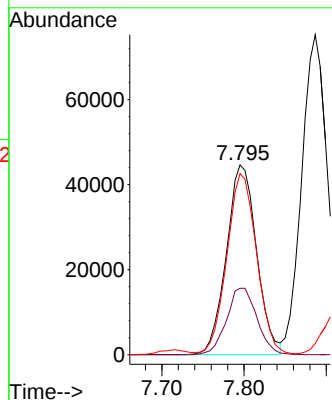
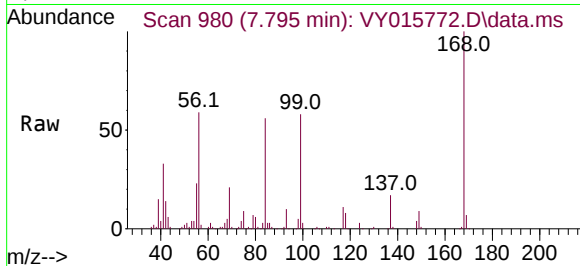




#31
Cyclohexane
Concen: 40.960 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015772.D
Acq: 29 Sep 2023 22:32

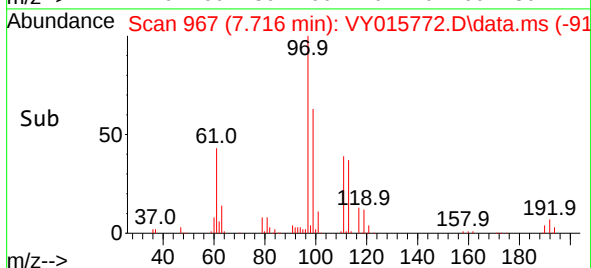
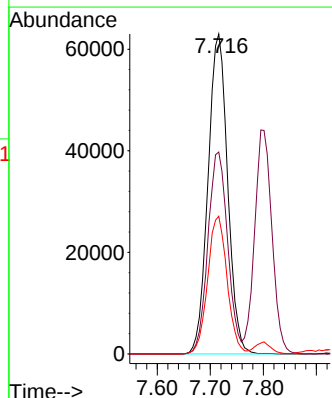
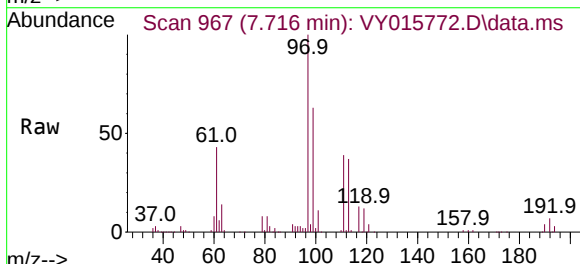
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

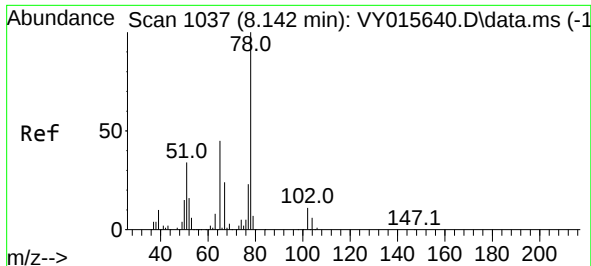
Tgt Ion: 56 Resp: 113853
Ion Ratio Lower Upper
56 100
69 35.0 27.8 41.6
84 93.3 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 47.563 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.025 min
Lab File: VY015772.D
Acq: 29 Sep 2023 22:32

Tgt Ion: 97 Resp: 161798
Ion Ratio Lower Upper
97 100
99 63.6 50.8 76.2
61 42.8 35.1 52.7

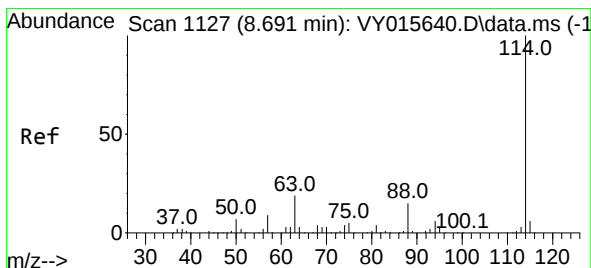
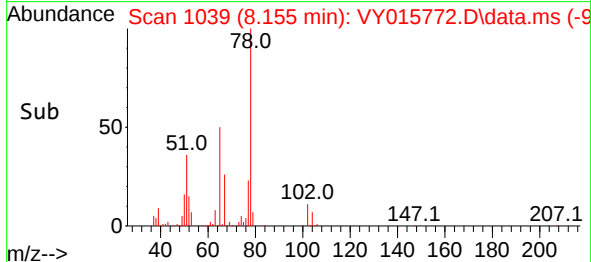
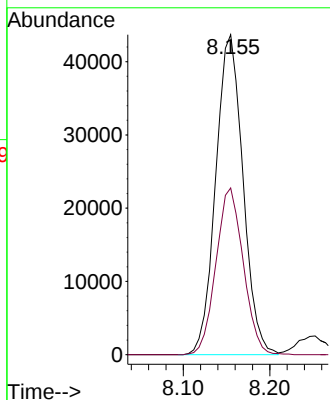
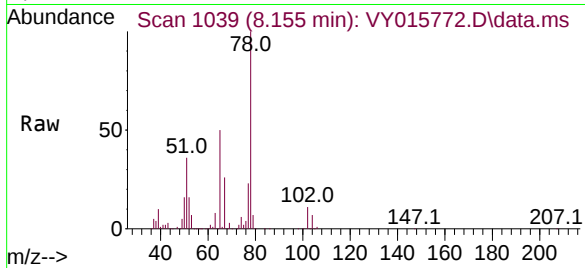




#33
 1,2-Dichloroethane-d4
 Concen: 47.576 ug/l
 RT: 8.155 min Scan# 1109
 Delta R.T. 0.019 min
 Lab File: VY015772.D
 Acq: 29 Sep 2023 22:32

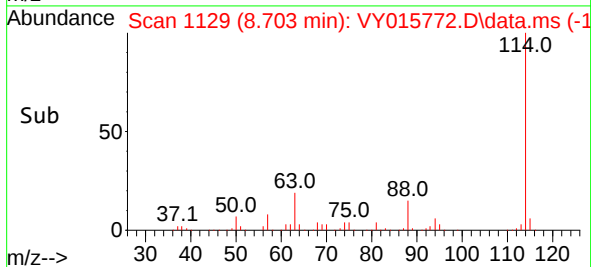
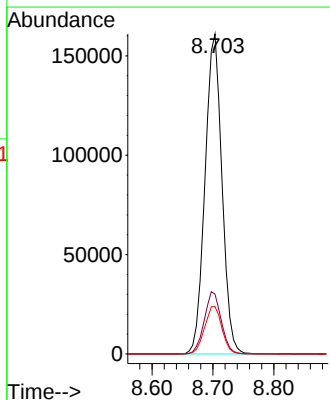
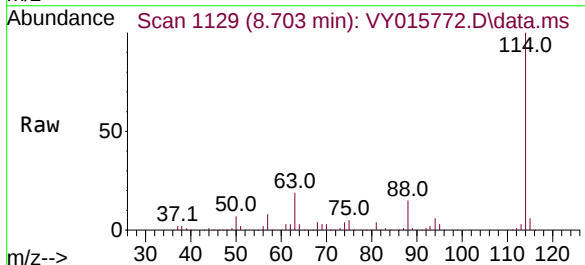
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

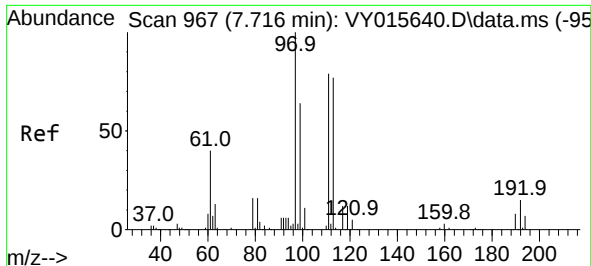
Tgt Ion: 65 Resp: 95462
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. 0.018 min
 Lab File: VY015772.D
 Acq: 29 Sep 2023 22:32

Tgt Ion: 114 Resp: 310972
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 42.4
 88 14.8 0.0 30.6

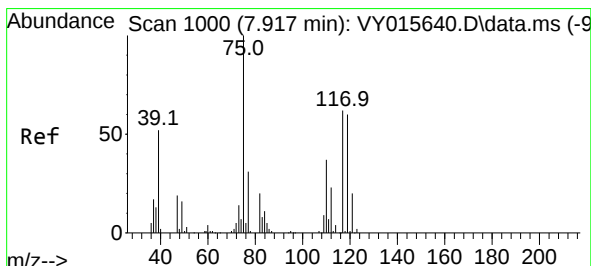
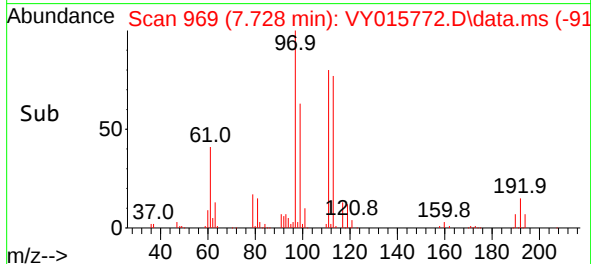
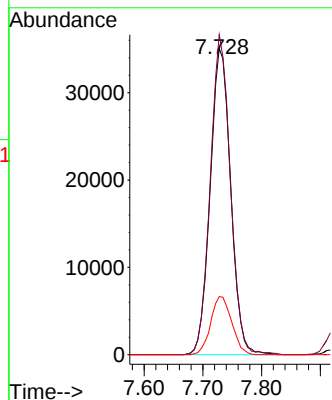
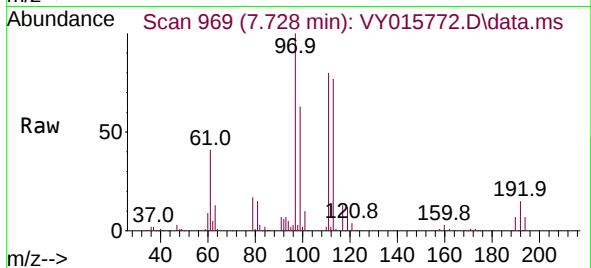




#35
Dibromofluoromethane
Concen: 45.612 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015772.D
Acq: 29 Sep 2023 22:32

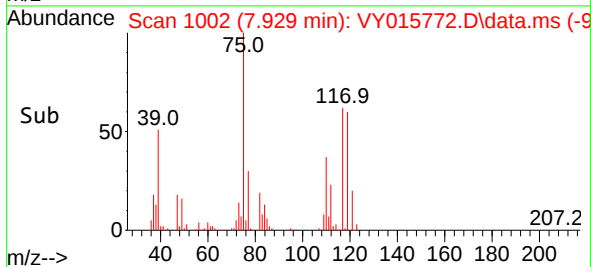
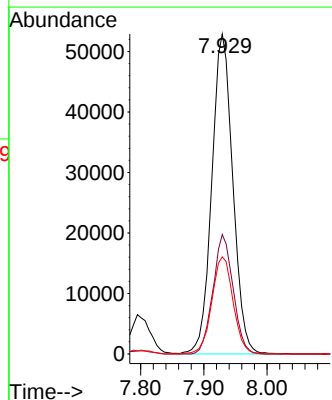
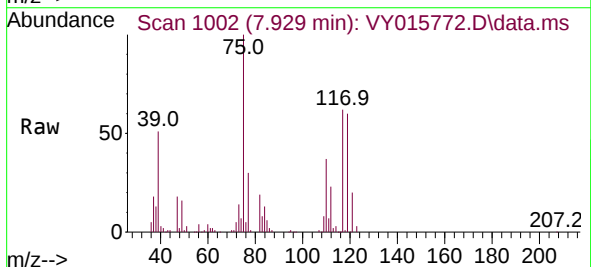
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

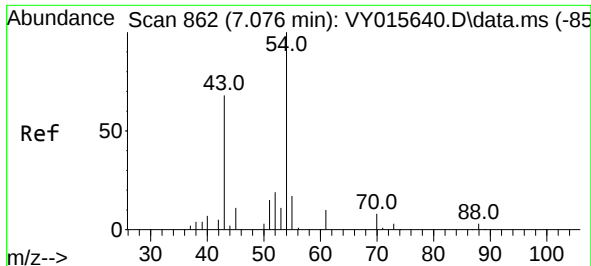
Tgt Ion:113 Resp: 84897
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 19.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 44.215 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.018 min
Lab File: VY015772.D
Acq: 29 Sep 2023 22:32

Tgt Ion: 75 Resp: 121681
Ion Ratio Lower Upper
75 100
110 35.7 17.8 53.5
77 30.7 24.4 36.6





#37

Ethyl Acetate

Concen: 52.738 ug/l

RT: 7.094 min Scan# 865

Delta R.T. 0.031 min

Lab File: VY015772.D

Acq: 29 Sep 2023 22:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

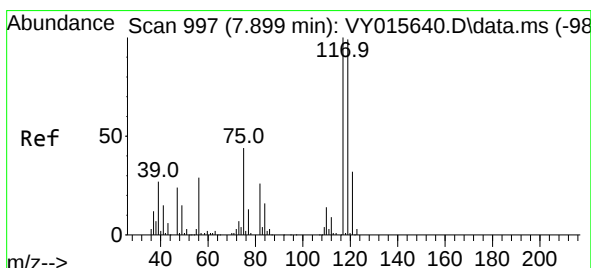
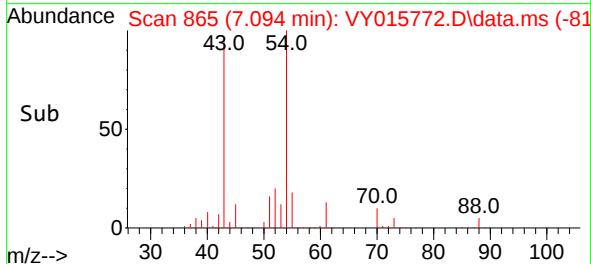
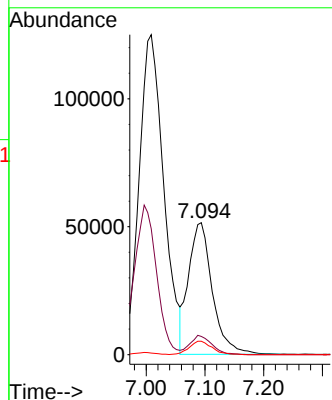
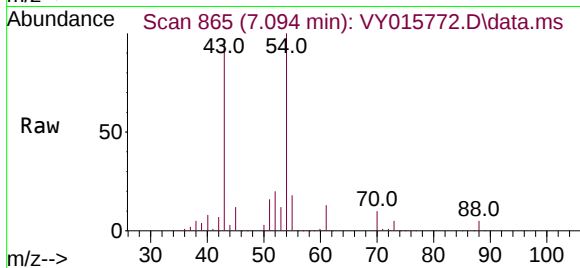
Tgt Ion: 43 Resp: 144768

Ion Ratio Lower Upper

43 100

61 13.5 10.1 15.1

70 9.9 7.1 10.7



#38

Carbon Tetrachloride

Concen: 45.759 ug/l

RT: 7.911 min Scan# 999

Delta R.T. 0.018 min

Lab File: VY015772.D

Acq: 29 Sep 2023 22:32

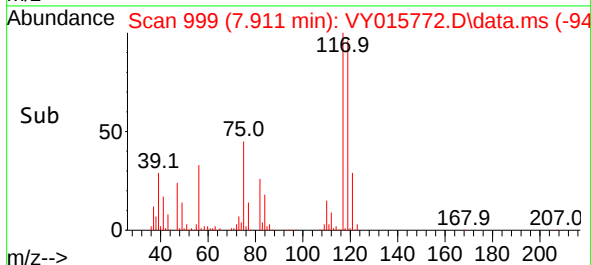
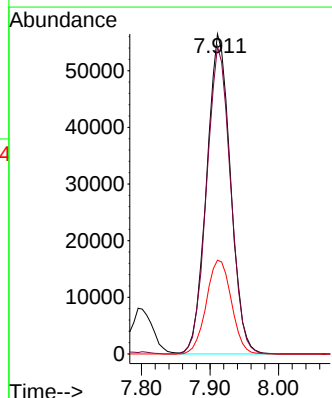
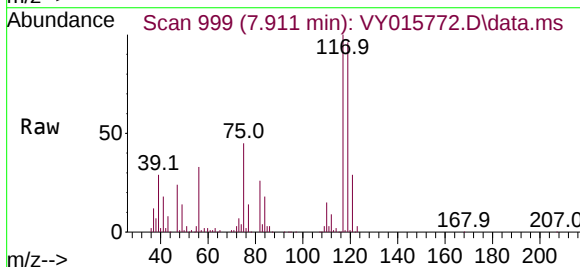
Tgt Ion: 117 Resp: 136695

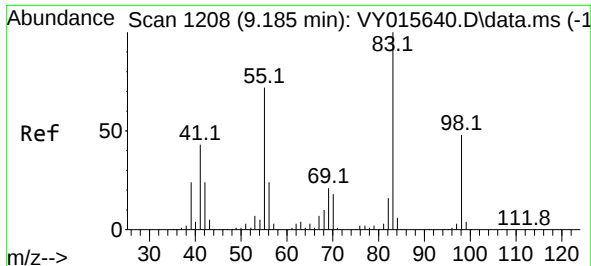
Ion Ratio Lower Upper

117 100

119 96.1 76.4 114.6

121 29.3 25.8 38.6





#39

Methylcyclohexane

Concen: 43.804 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY015772.D

Acq: 29 Sep 2023 22:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

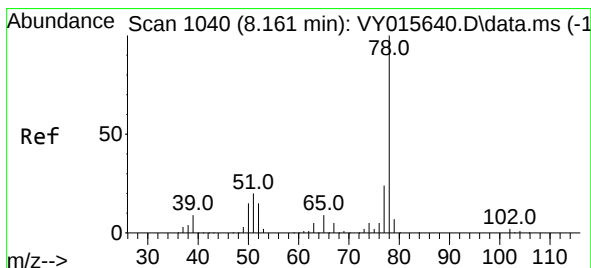
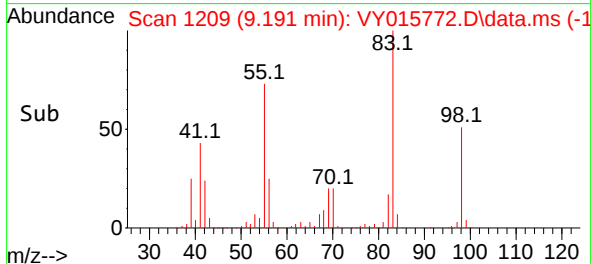
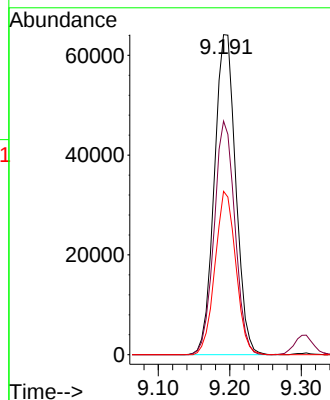
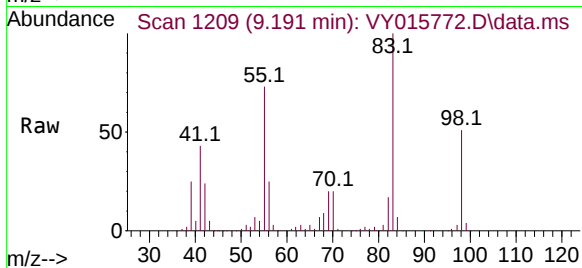
Tgt Ion: 83 Resp: 133335

Ion Ratio Lower Upper

83 100

55 73.0 63.0 94.4

98 51.1 37.4 56.2



#40

Benzene

Concen: 45.461 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.024 min

Lab File: VY015772.D

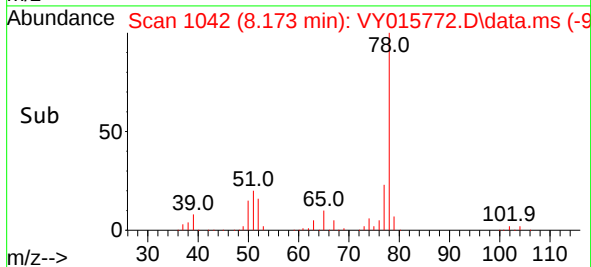
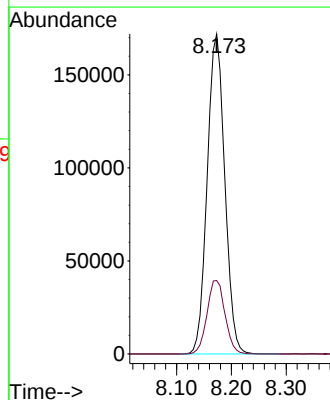
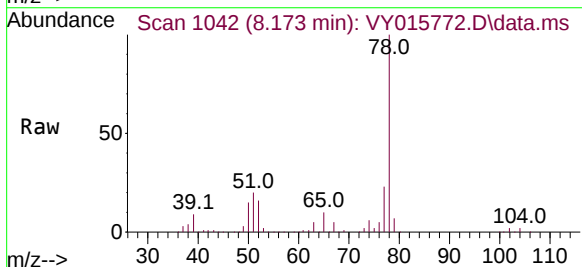
Acq: 29 Sep 2023 22:32

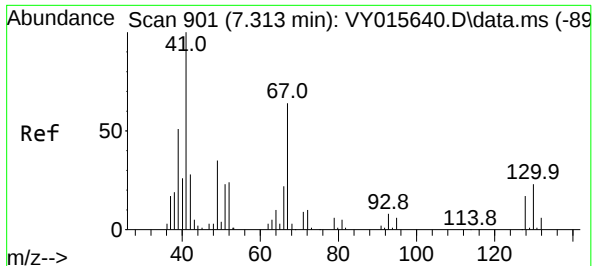
Tgt Ion: 78 Resp: 381534

Ion Ratio Lower Upper

78 100

77 23.0 19.0 28.6



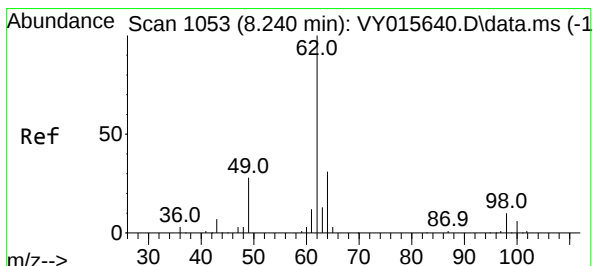
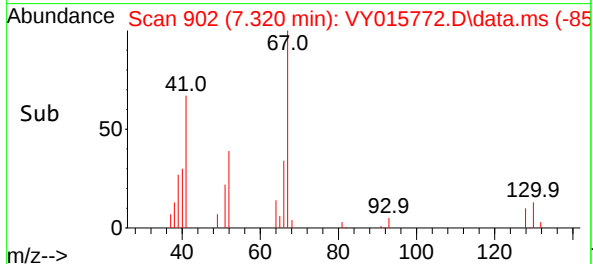
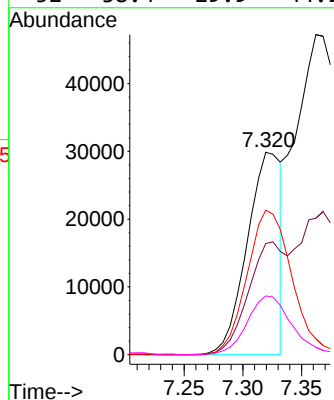
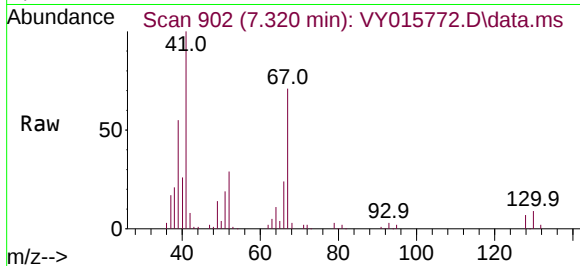


#41
Methacrylonitrile
Concen: 40.695 ug/l
RT: 7.320 min Scan# 901
Delta R.T. 0.007 min
Lab File: VY015772.D
Acq: 29 Sep 2023 22:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 60149

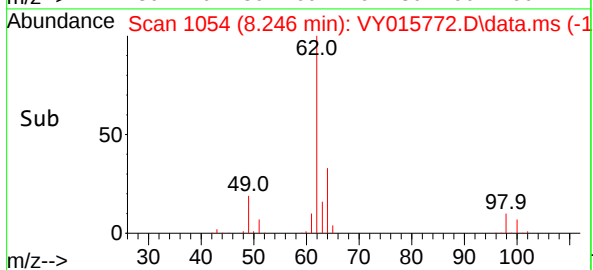
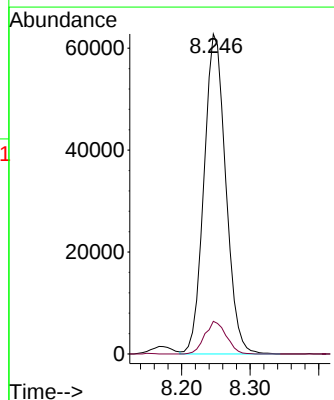
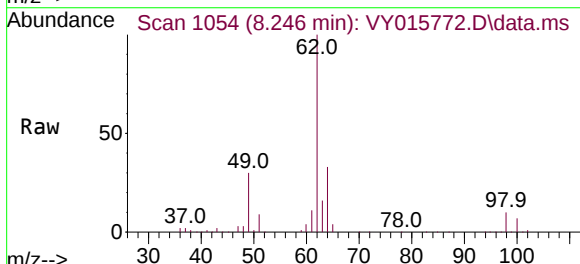
Ion	Ratio	Lower	Upper
41	100		
39	62.7	52.1	78.1
67	95.0	66.2	99.2
52	38.4	29.9	44.9

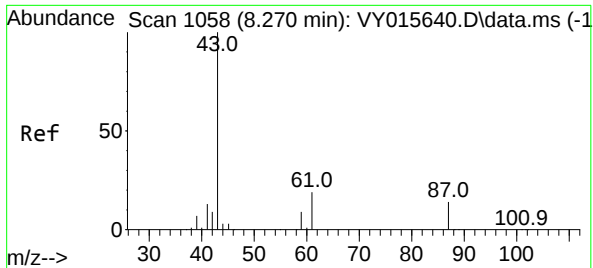


#42
1,2-Dichloroethane
Concen: 48.345 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.012 min
Lab File: VY015772.D
Acq: 29 Sep 2023 22:32

Tgt Ion: 62 Resp: 138957

Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	15.8

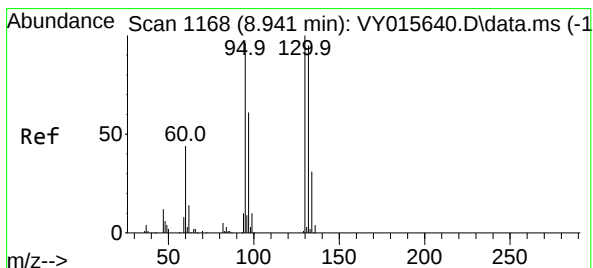
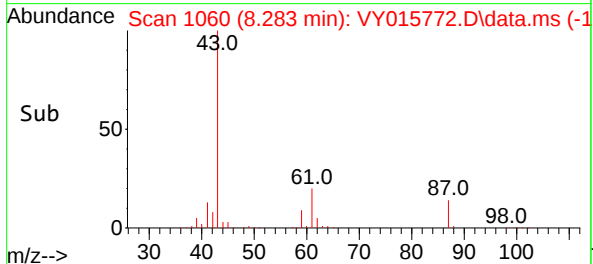
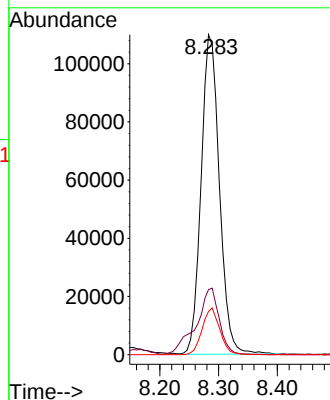
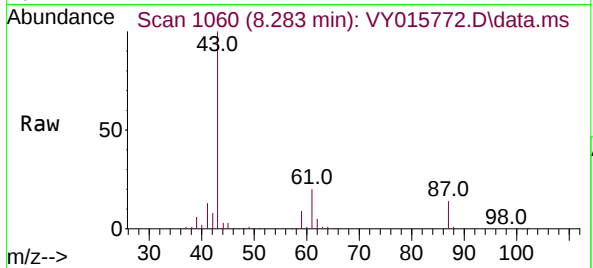




#43
Isopropyl Acetate
Concen: 50.825 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.019 min
Lab File: VY015772.D
Acq: 29 Sep 2023 22:32

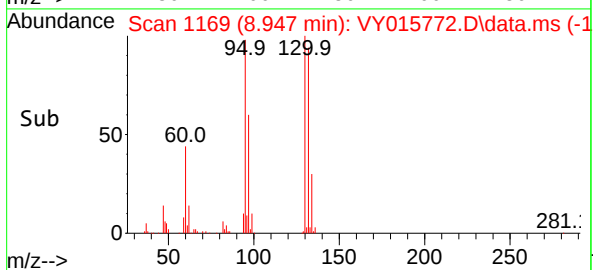
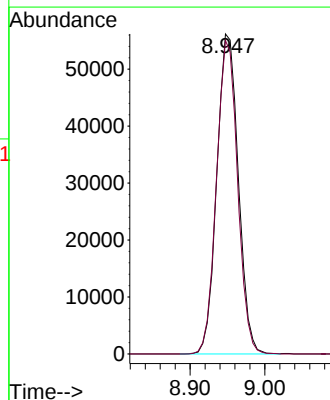
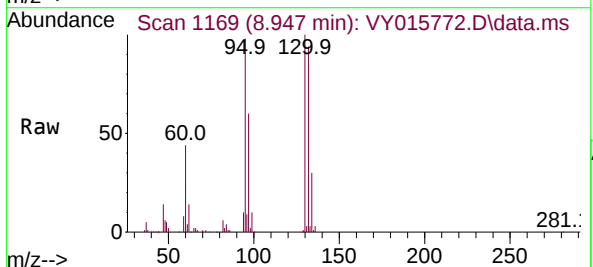
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

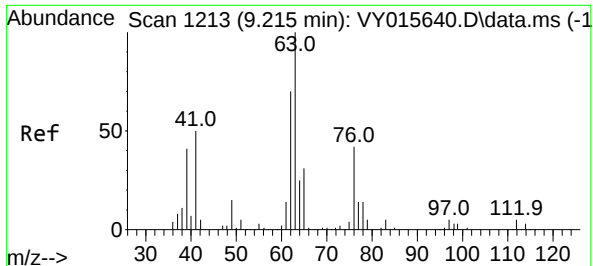
Tgt Ion: 43 Resp: 238321
Ion Ratio Lower Upper
43 100
61 26.4 21.1 31.7
87 14.0 9.8 14.8



#44
Trichloroethene
Concen: 47.930 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.012 min
Lab File: VY015772.D
Acq: 29 Sep 2023 22:32

Tgt Ion:130 Resp: 112349
Ion Ratio Lower Upper
130 100
95 97.9 0.0 196.0





#45

1,2-Dichloropropane

Concen: 45.978 ug/l

RT: 9.228 min Scan# 11

Delta R.T. 0.013 min

Lab File: VY015772.D

Acq: 29 Sep 2023 22:32

Instrument :

MSVOA_Y

ClientSampleId :

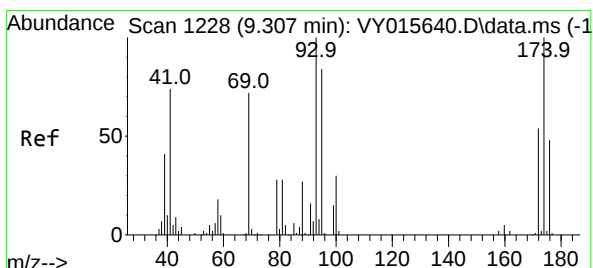
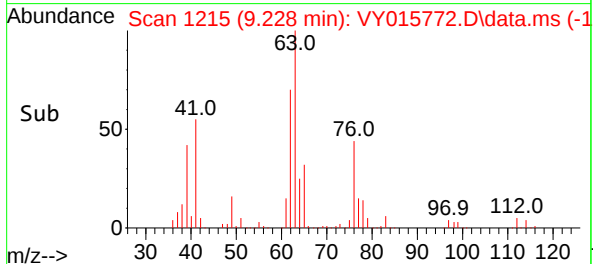
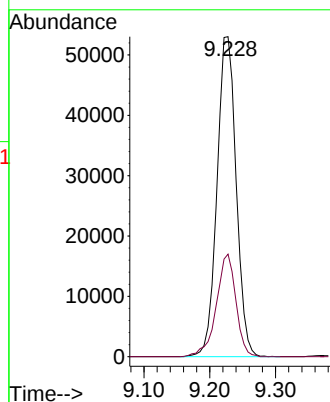
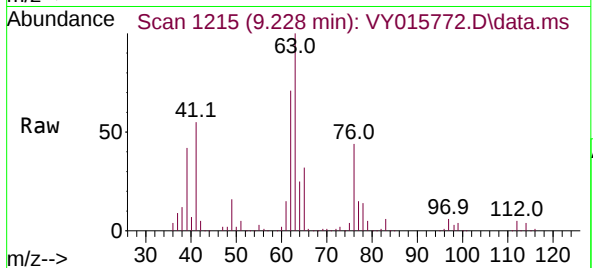
VSTDCCC050EC

Tgt Ion: 63 Resp: 107607

Ion Ratio Lower Upper

63 100

65 32.1 23.8 35.6



#46

Dibromomethane

Concen: 48.848 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.024 min

Lab File: VY015772.D

Acq: 29 Sep 2023 22:32

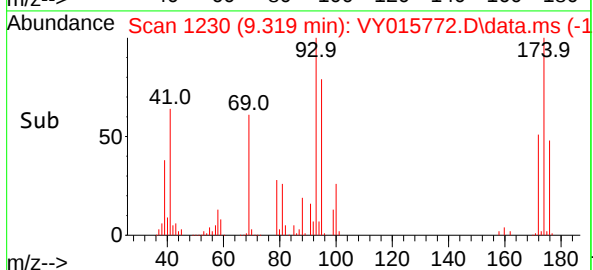
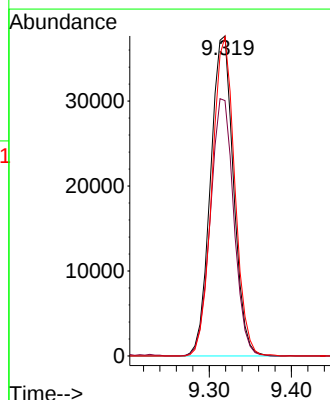
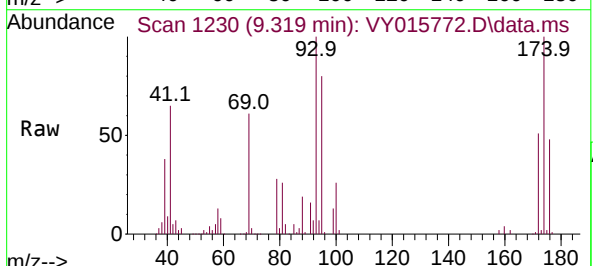
Tgt Ion: 93 Resp: 73130

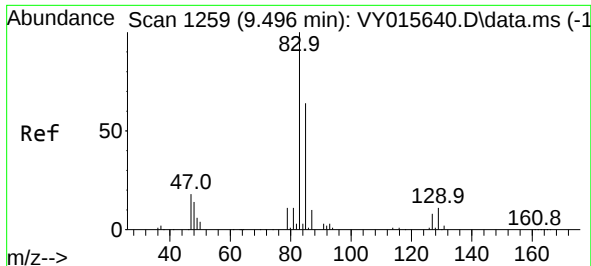
Ion Ratio Lower Upper

93 100

95 81.8 66.6 100.0

174 98.3 84.8 127.2

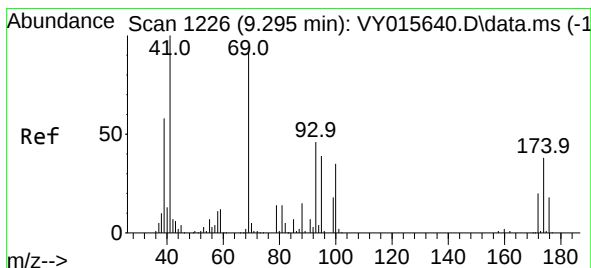
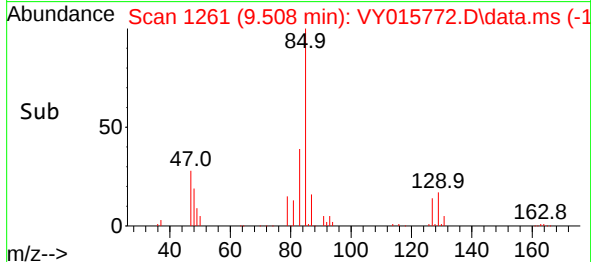
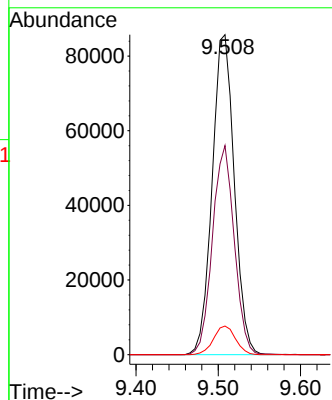
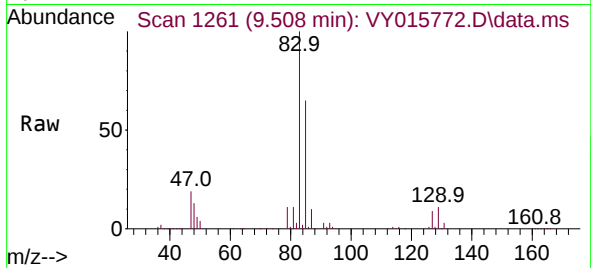




#47
Bromodichloromethane
Concen: 48.009 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.018 min
Lab File: VY015772.D
Acq: 29 Sep 2023 22:32

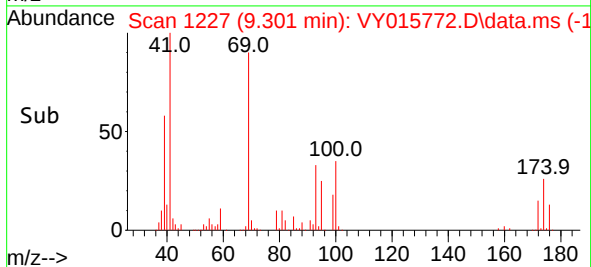
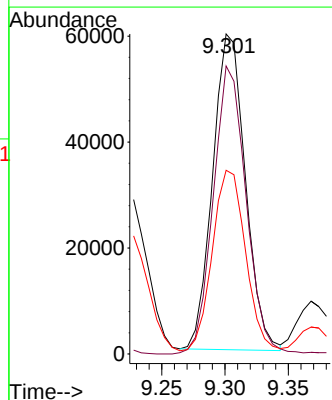
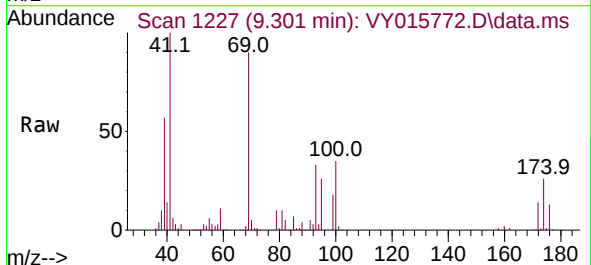
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

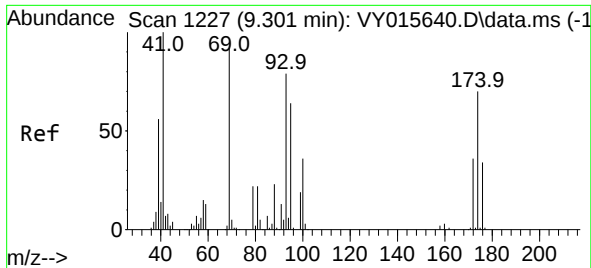
Tgt Ion: 83 Resp: 160205
Ion Ratio Lower Upper
83 100
85 65.4 50.1 75.1
127 9.0 7.1 10.7



#48
Methyl methacrylate
Concen: 52.007 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.012 min
Lab File: VY015772.D
Acq: 29 Sep 2023 22:32

Tgt Ion: 41 Resp: 107041
Ion Ratio Lower Upper
41 100
69 92.0 64.5 96.7
39 60.4 50.8 76.2

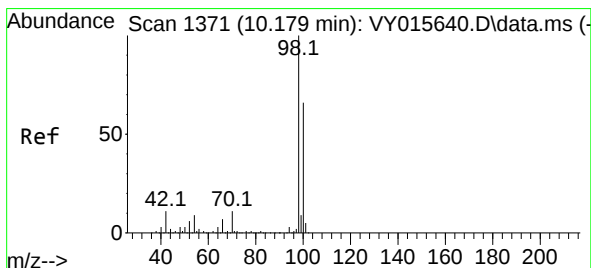
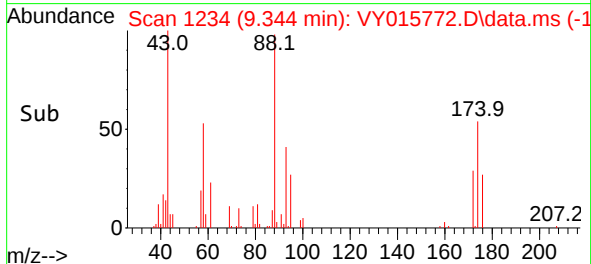
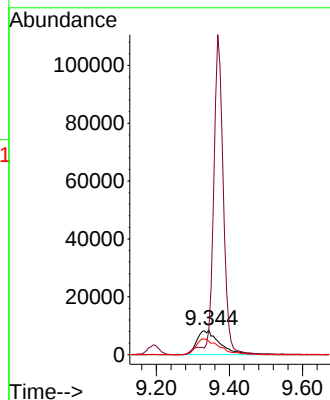
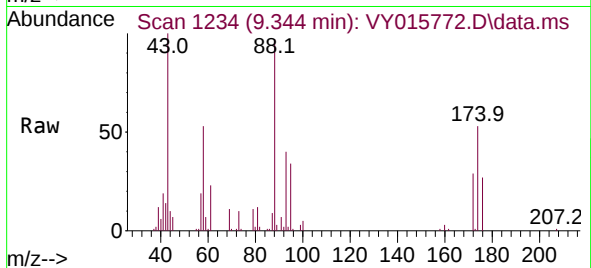




#49
1,4-Dioxane
Concen: 1237.306 ug/l
RT: 9.344 min Scan# 11
Delta R.T. 0.055 min
Lab File: VY015772.D
Acq: 29 Sep 2023 22:32

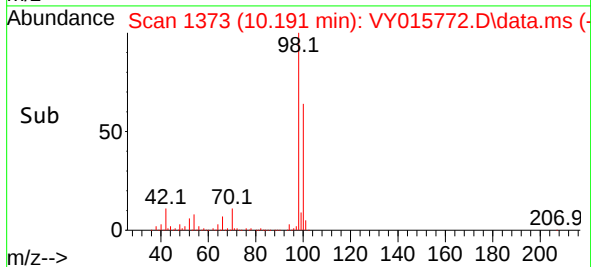
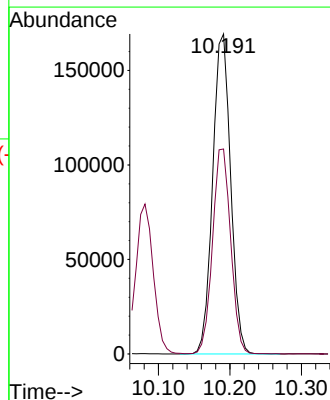
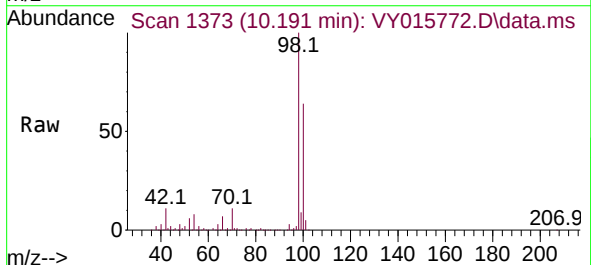
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

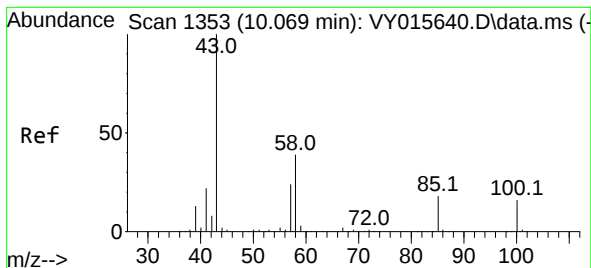
Tgt Ion: 88 Resp: 36595
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 66.0 30.9 46.3#



#50
Toluene-d8
Concen: 46.740 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.012 min
Lab File: VY015772.D
Acq: 29 Sep 2023 22:32

Tgt Ion: 98 Resp: 294973
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1

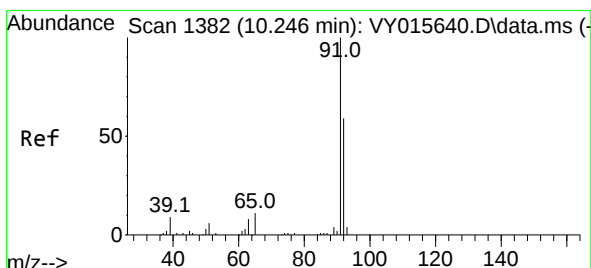
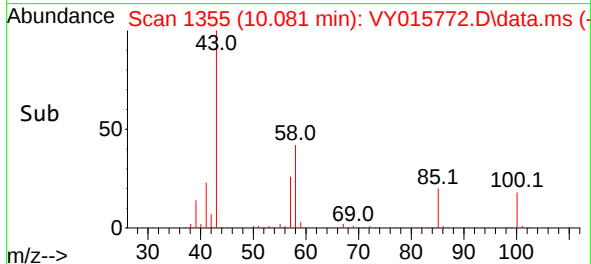
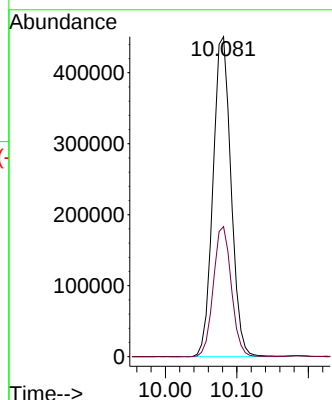
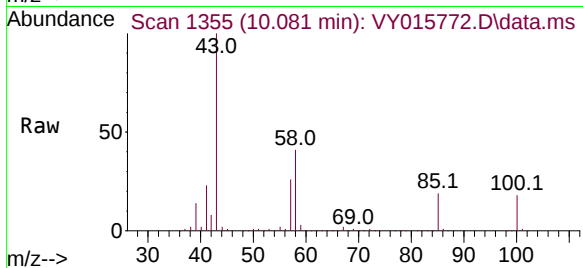




#51
4-Methyl-2-Pentanone
Concen: 271.639 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.012 min
Lab File: VY015772.D
Acq: 29 Sep 2023 22:32

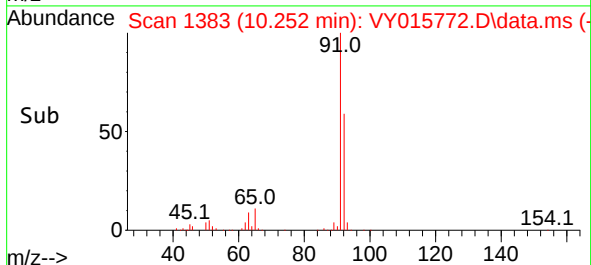
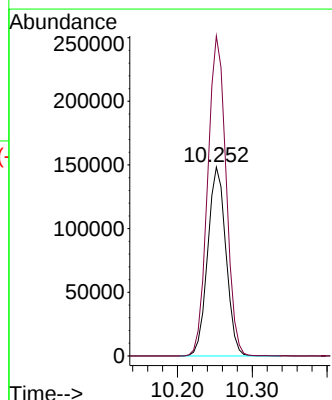
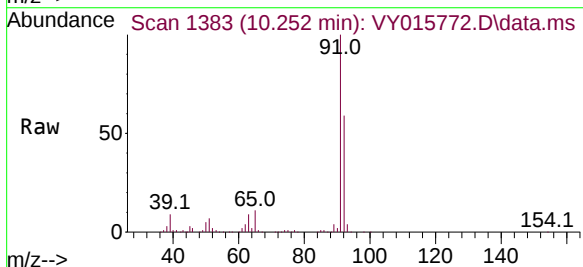
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

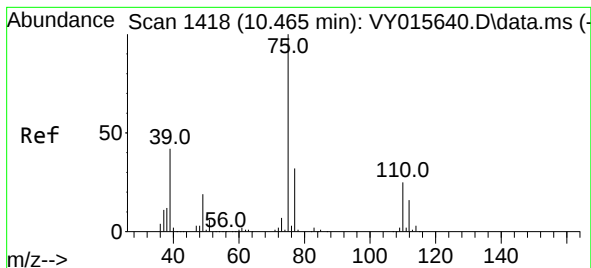
Tgt Ion: 43 Resp: 789477
Ion Ratio Lower Upper
43 100
58 40.6 29.0 43.6



#52
Toluene
Concen: 46.436 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.012 min
Lab File: VY015772.D
Acq: 29 Sep 2023 22:32

Tgt Ion: 92 Resp: 251246
Ion Ratio Lower Upper
92 100
91 170.7 143.8 215.6

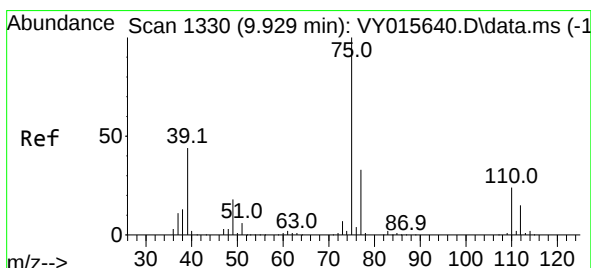
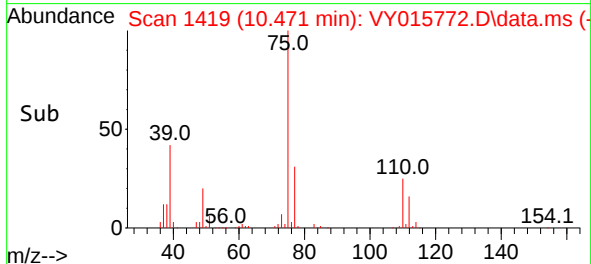
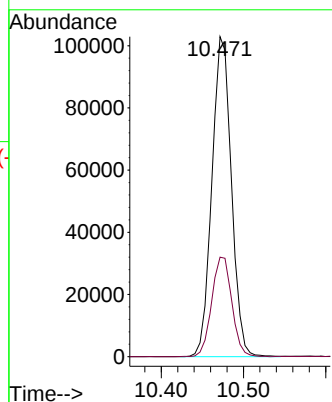
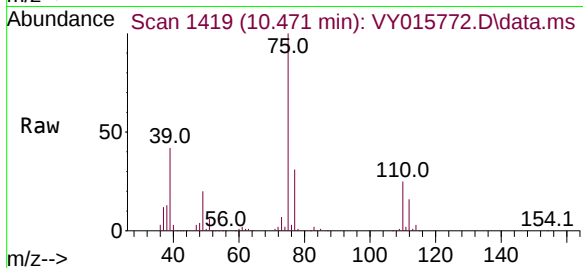




#53
 t-1,3-Dichloropropene
 Concen: 47.237 ug/l
 RT: 10.471 min Scan# 1418
 Delta R.T. 0.012 min
 Lab File: VY015772.D
 Acq: 29 Sep 2023 22:32

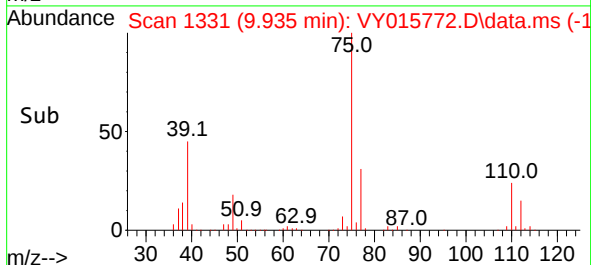
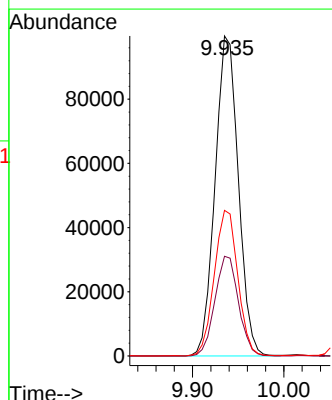
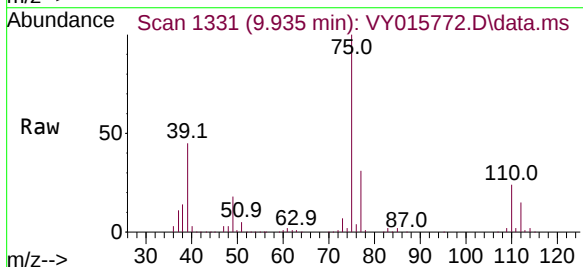
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

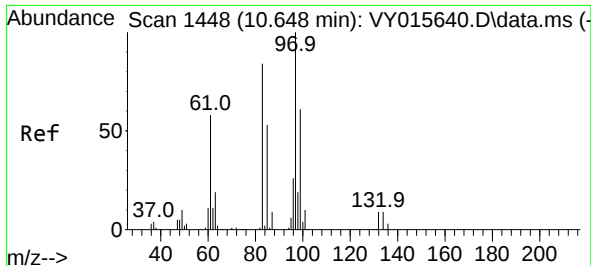
Tgt Ion: 75 Resp: 169035
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 45.807 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.012 min
 Lab File: VY015772.D
 Acq: 29 Sep 2023 22:32

Tgt Ion: 75 Resp: 176445
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.2 36.4
 39 45.4 42.2 63.4

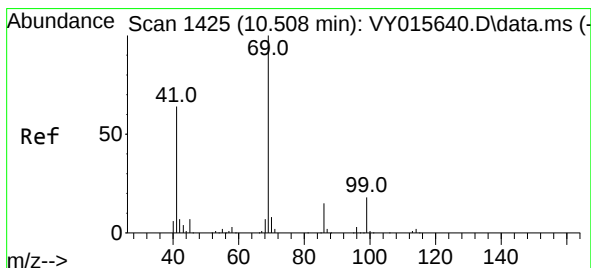
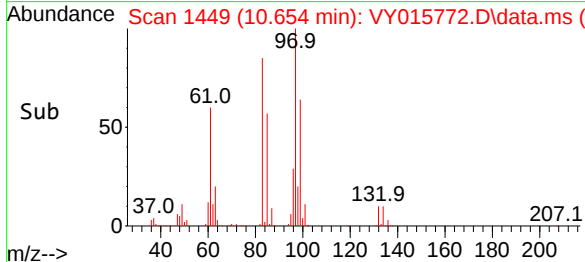
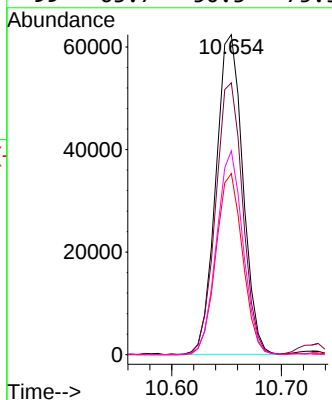
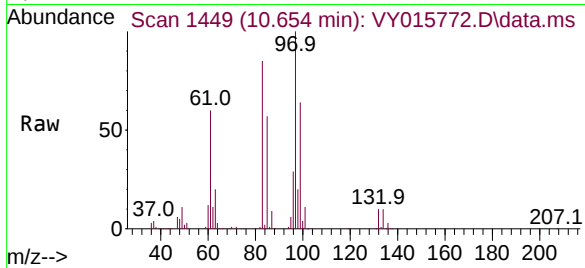




#55
1,1,2-Trichloroethane
Concen: 48.650 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.012 min
Lab File: VY015772.D
Acq: 29 Sep 2023 22:32

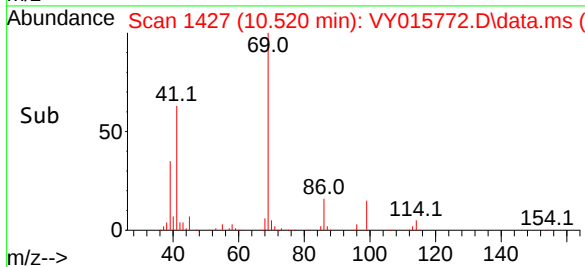
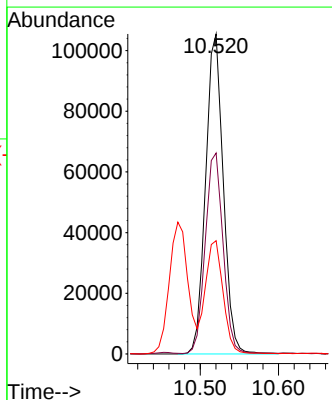
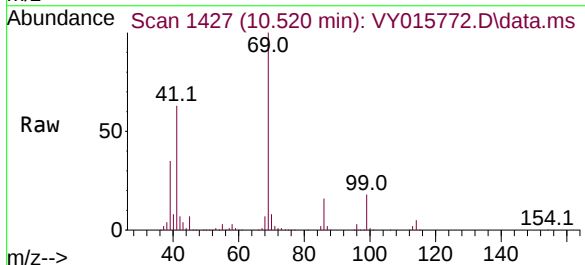
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

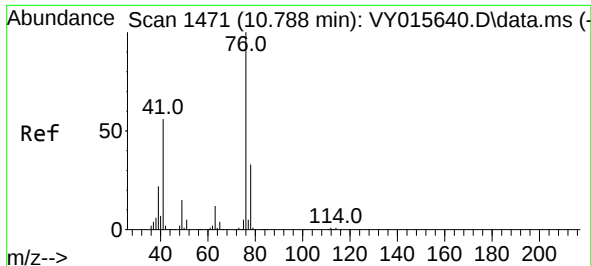
Tgt Ion:	97	Resp:	106736
Ion	Ratio	Lower	Upper
97	100		
83	85.1	72.0	108.0
85	56.6	45.4	68.0
99	63.7	50.3	75.5



#56
Ethyl methacrylate
Concen: 50.949 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.012 min
Lab File: VY015772.D
Acq: 29 Sep 2023 22:32

Tgt Ion:	69	Resp:	164729
Ion	Ratio	Lower	Upper
69	100		
41	63.3	57.6	86.4
39	35.4	34.1	51.1





#57

1,3-Dichloropropane

Concen: 48.836 ug/l

RT: 10.795 min Scan# 1471

Delta R.T. 0.007 min

Lab File: VY015772.D

Acq: 29 Sep 2023 22:32

Instrument :

MSVOA_Y

ClientSampleId :

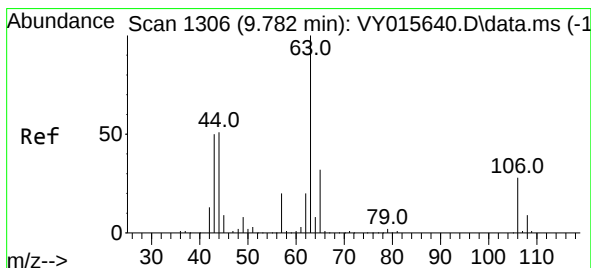
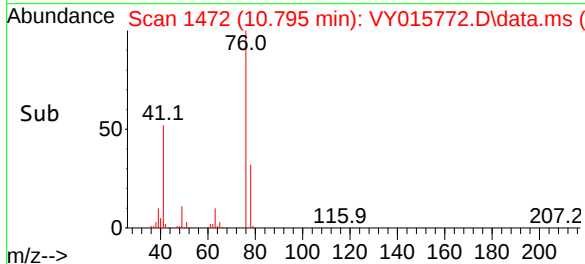
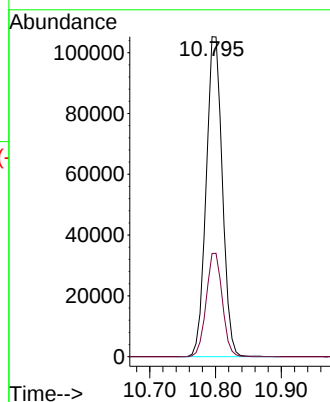
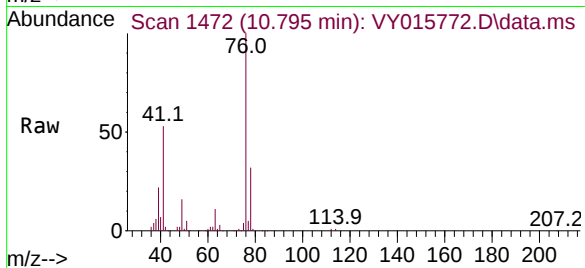
VSTDCCC050EC

Tgt Ion: 76 Resp: 179678

Ion Ratio Lower Upper

76 100

78 32.3 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 208.353 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.013 min

Lab File: VY015772.D

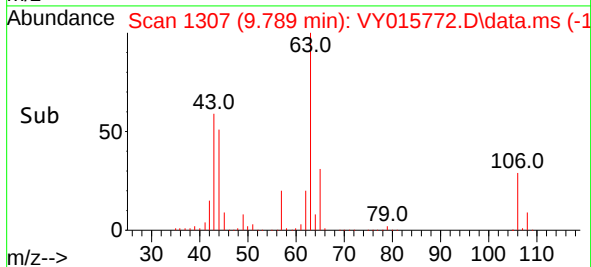
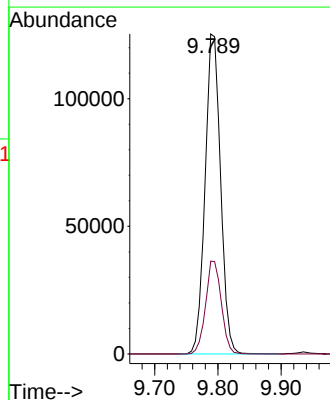
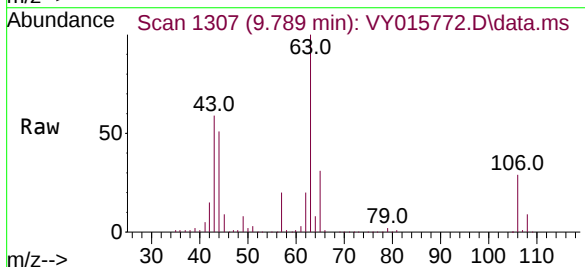
Acq: 29 Sep 2023 22:32

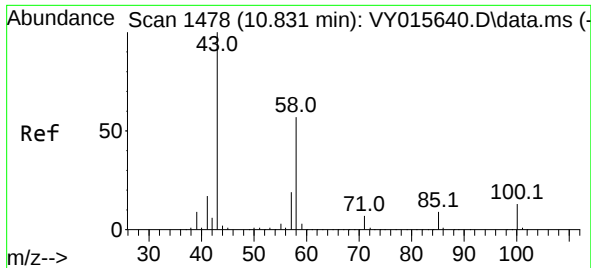
Tgt Ion: 63 Resp: 213980

Ion Ratio Lower Upper

63 100

106 29.4 21.2 31.8

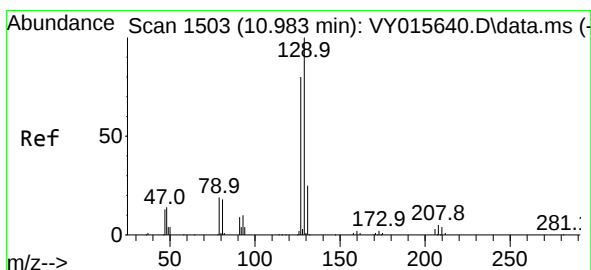
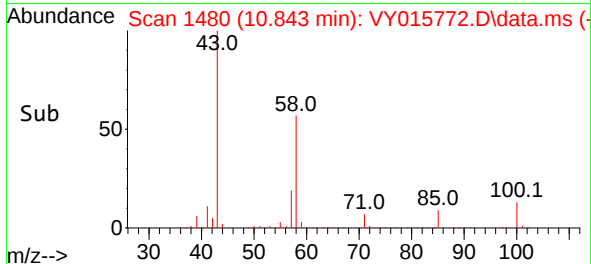
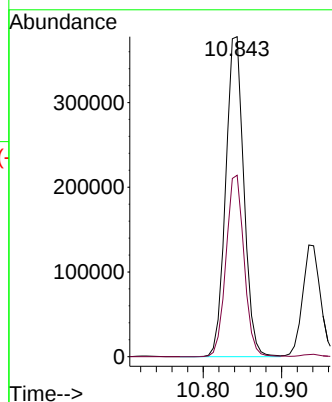
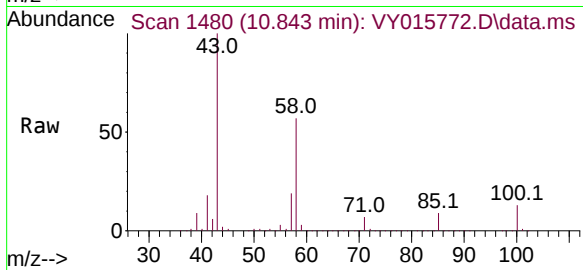




#59
2-Hexanone
Concen: 272.902 ug/l
RT: 10.843 min Scan# 1478
Delta R.T. 0.012 min
Lab File: VY015772.D
Acq: 29 Sep 2023 22:32

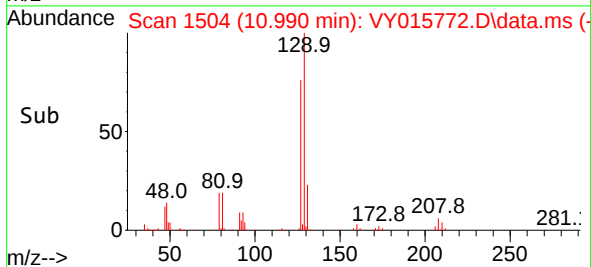
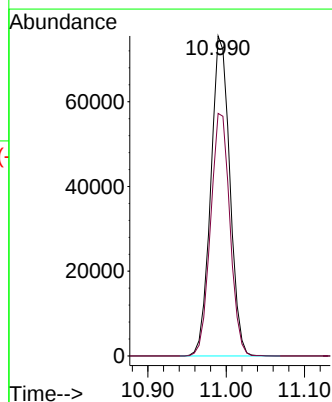
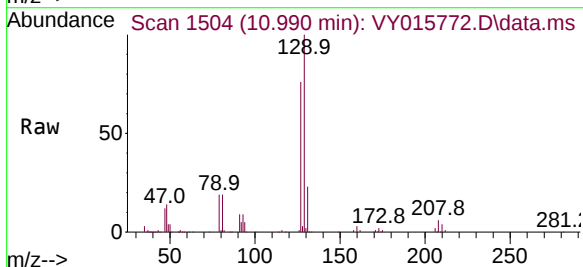
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

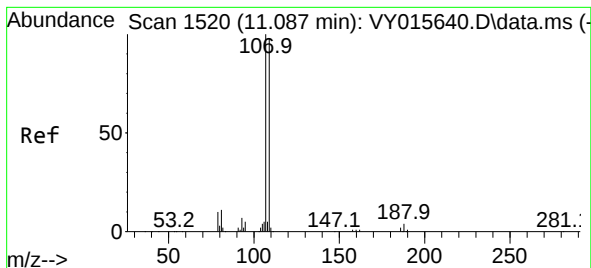
Tgt Ion: 43 Resp: 608513
Ion Ratio Lower Upper
43 100
58 56.5 25.1 75.3



#60
Dibromochloromethane
Concen: 49.610 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.007 min
Lab File: VY015772.D
Acq: 29 Sep 2023 22:32

Tgt Ion: 129 Resp: 127054
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 49.557 ug/l

RT: 11.099 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY015772.D

Acq: 29 Sep 2023 22:32

Instrument :

MSVOA_Y

ClientSampleId :

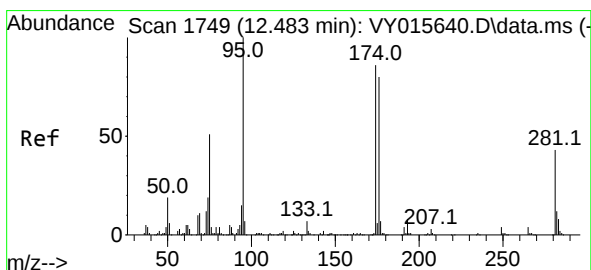
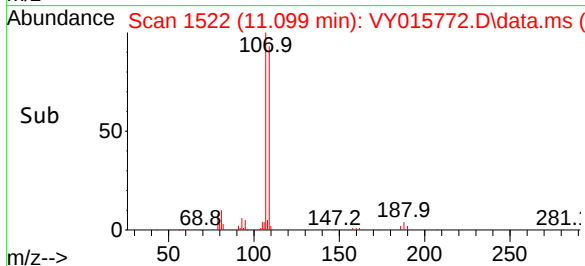
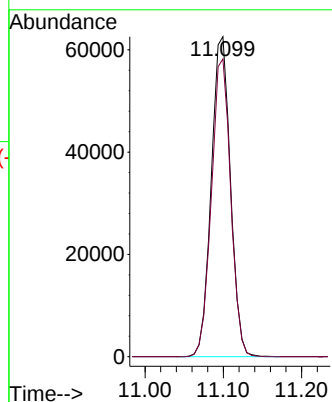
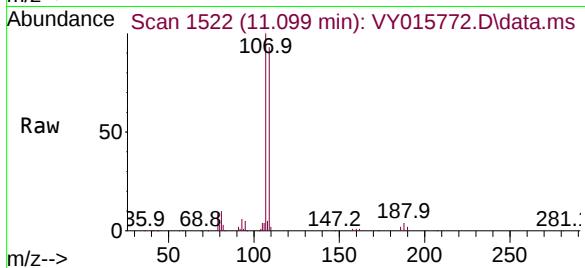
VSTDCCC050EC

Tgt Ion:107 Resp: 106366

Ion Ratio Lower Upper

107 100

109 93.5 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 45.955 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.012 min

Lab File: VY015772.D

Acq: 29 Sep 2023 22:32

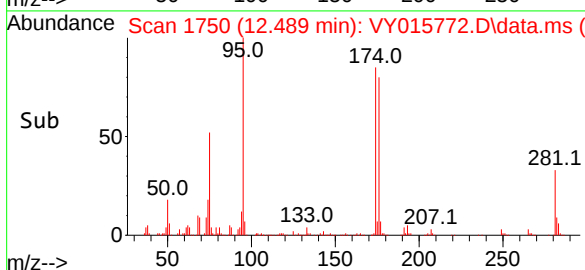
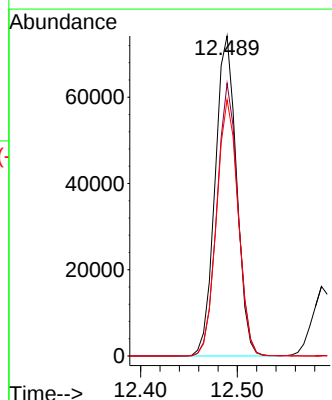
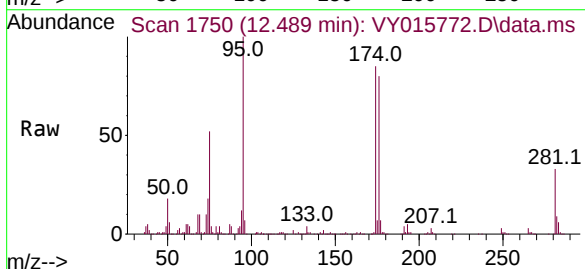
Tgt Ion: 95 Resp: 113814

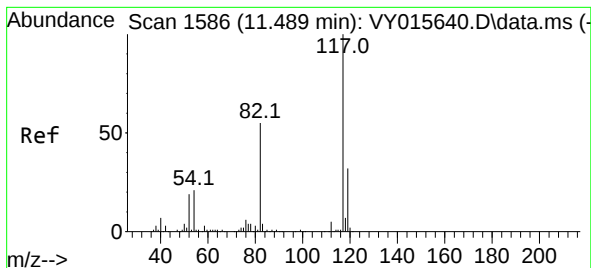
Ion Ratio Lower Upper

95 100

174 83.6 0.0 178.2

176 80.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY015772.D

Acq: 29 Sep 2023 22:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

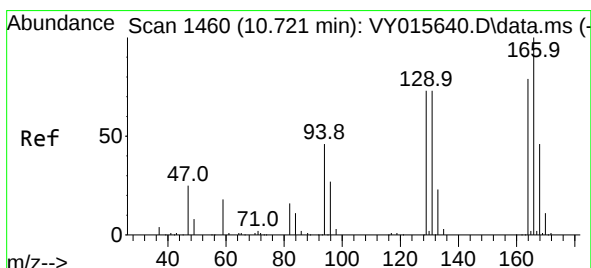
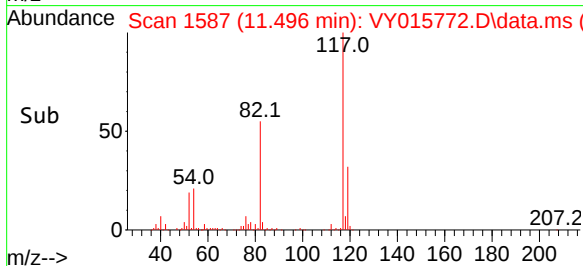
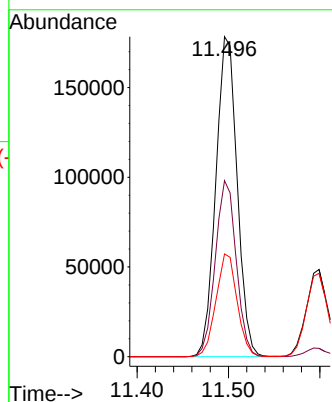
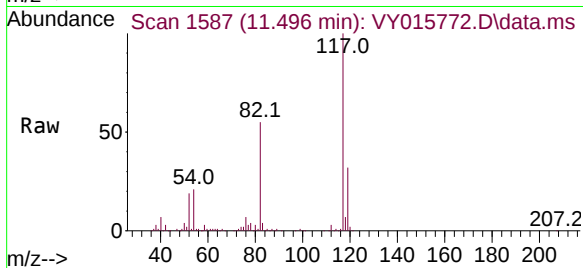
Tgt Ion:117 Resp: 289580

Ion Ratio Lower Upper

117 100

82 55.0 43.4 65.0

119 32.1 26.3 39.5



#64

Tetrachloroethene

Concen: 51.562 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. 0.012 min

Lab File: VY015772.D

Acq: 29 Sep 2023 22:32

Tgt Ion:164 Resp: 128105

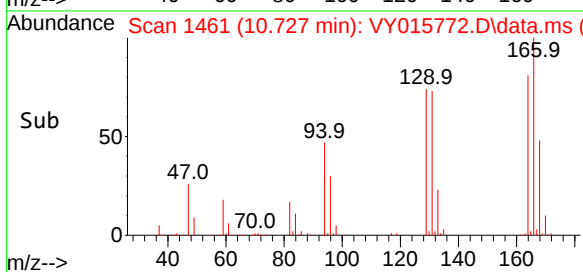
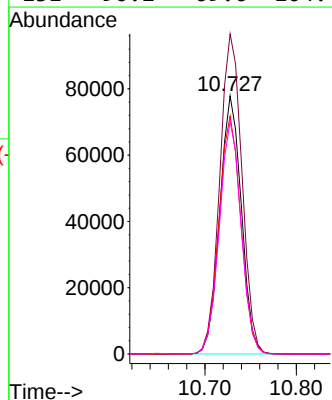
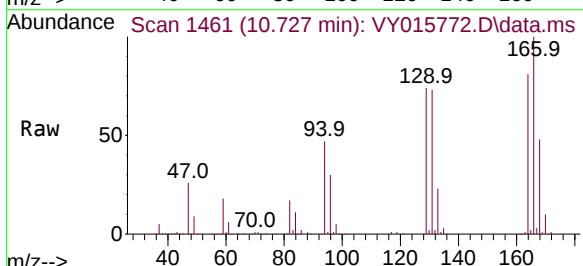
Ion Ratio Lower Upper

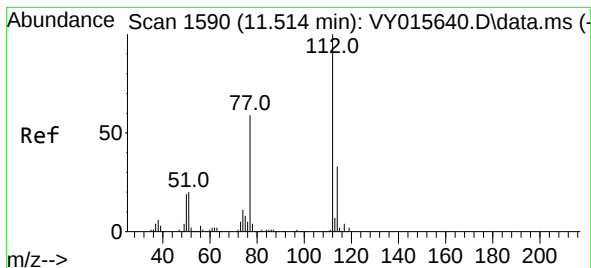
164 100

166 124.0 103.0 154.6

129 92.1 77.2 115.8

131 90.2 69.6 104.4





#65

Chlorobenzene

Concen: 45.509 ug/l

RT: 11.526 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY015772.D

Acq: 29 Sep 2023 22:32

Instrument :

MSVOA_Y

ClientSampleId :

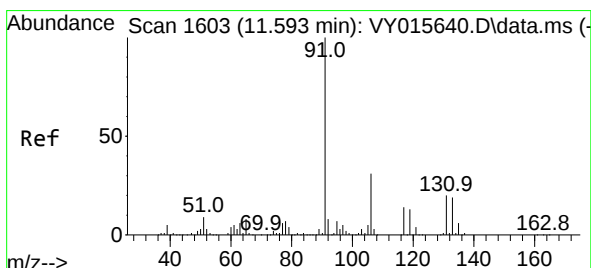
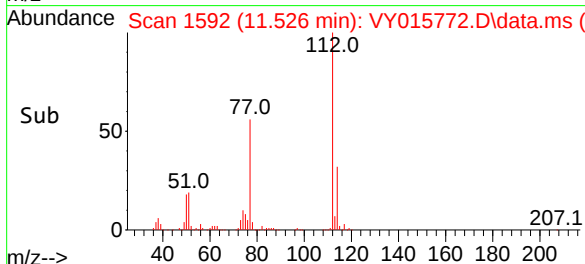
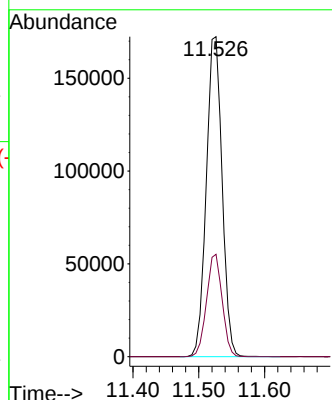
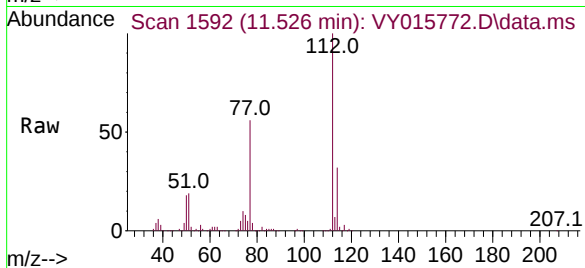
VSTDCCC050EC

Tgt Ion:112 Resp: 287661

Ion Ratio Lower Upper

112 100

114 32.0 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 47.513 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.012 min

Lab File: VY015772.D

Acq: 29 Sep 2023 22:32

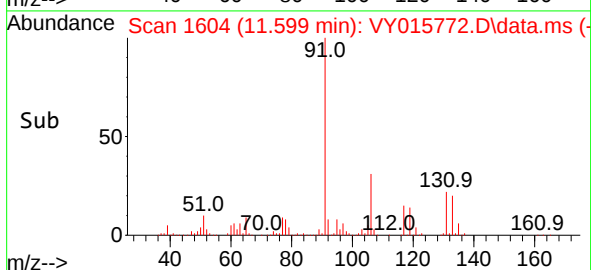
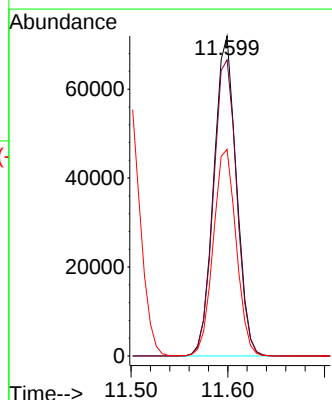
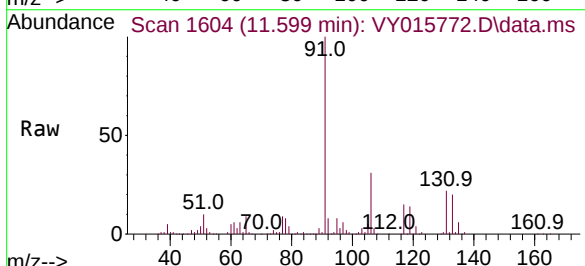
Tgt Ion:131 Resp: 116660

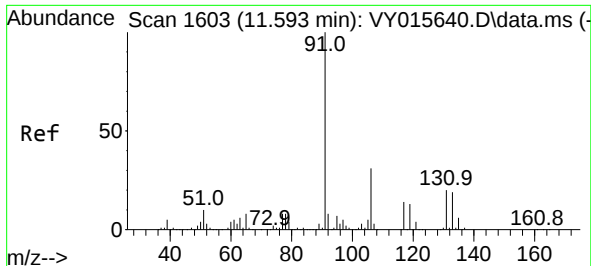
Ion Ratio Lower Upper

131 100

133 95.6 47.5 142.6

119 65.6 31.6 94.7





#67

Ethyl Benzene

Concen: 45.576 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.012 min

Lab File: VY015772.D

Acq: 29 Sep 2023 22:32

Instrument :

MSVOA_Y

ClientSampleId :

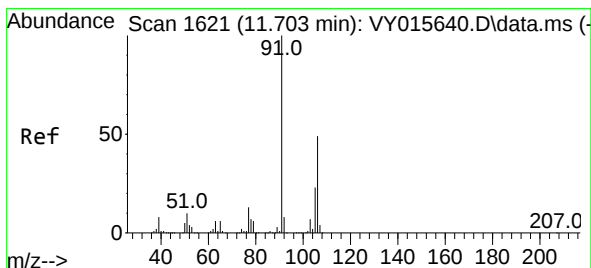
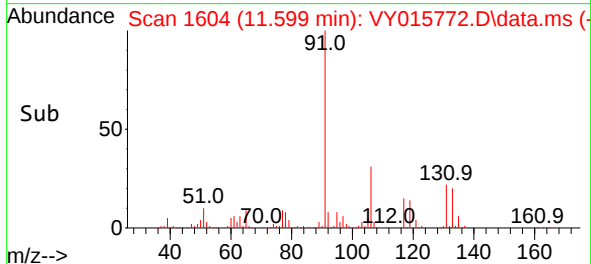
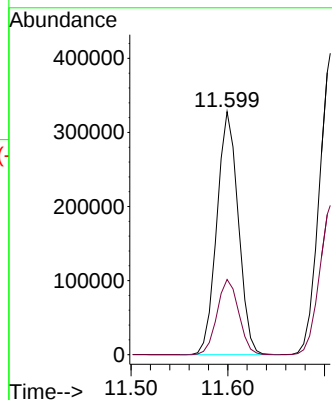
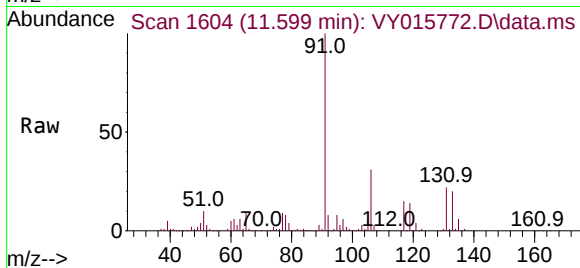
VSTDCCC050EC

Tgt Ion: 91 Resp: 503528

Ion Ratio Lower Upper

91 100

106 31.0 24.6 36.8



#68

m/p-Xylenes

Concen: 91.893 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: VY015772.D

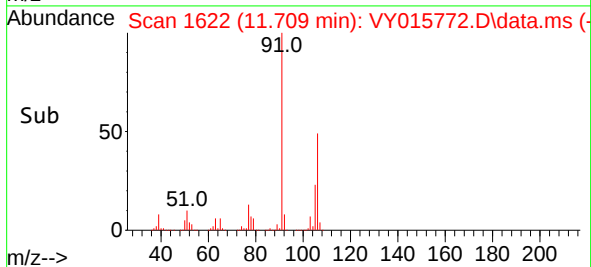
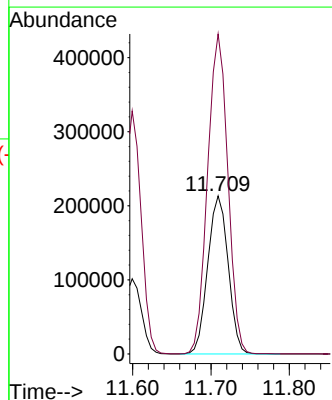
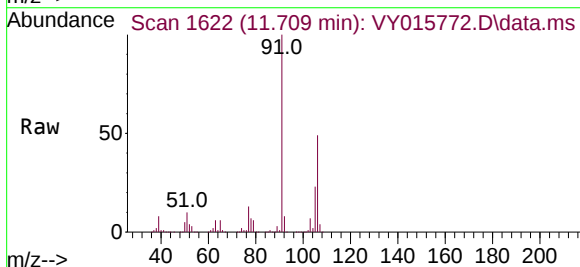
Acq: 29 Sep 2023 22:32

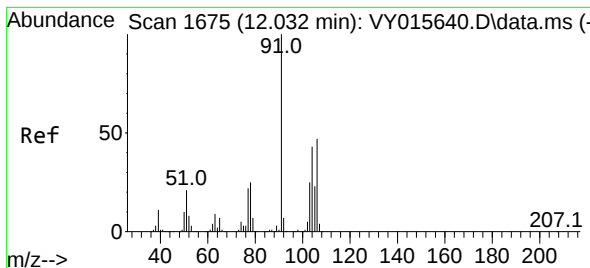
Tgt Ion: 106 Resp: 385888

Ion Ratio Lower Upper

106 100

91 201.1 166.1 249.1





#69

o-Xylene

Concen: 46.287 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY015772.D

Acq: 29 Sep 2023 22:32

Instrument :

MSVOA_Y

ClientSampleId :

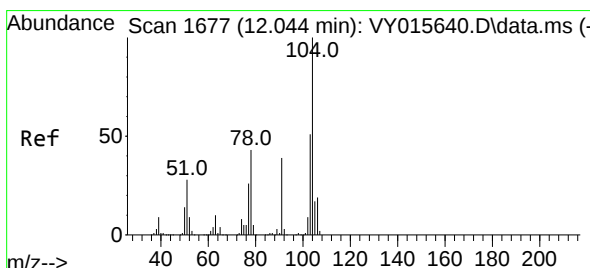
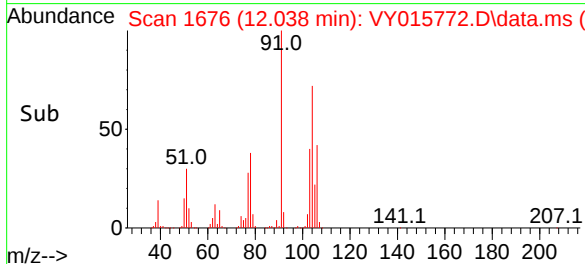
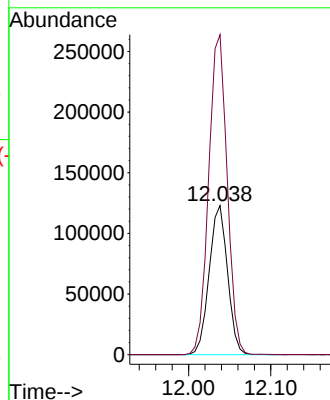
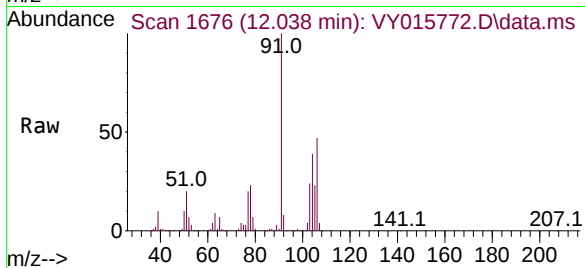
VSTDCCC050EC

Tgt Ion:106 Resp: 190598

Ion Ratio Lower Upper

106 100

91 216.3 108.1 324.3



#70

Styrene

Concen: 47.507 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.006 min

Lab File: VY015772.D

Acq: 29 Sep 2023 22:32

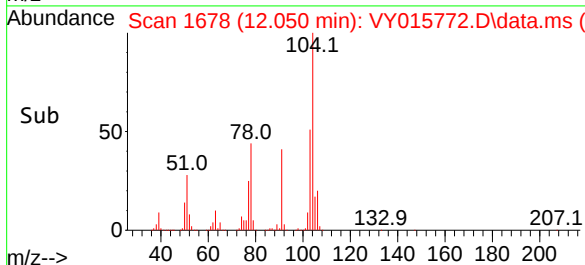
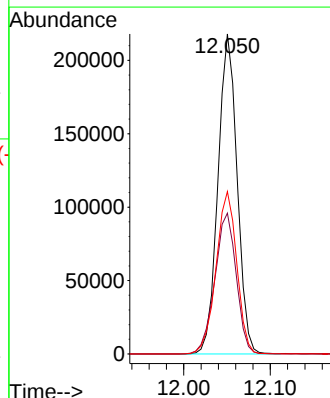
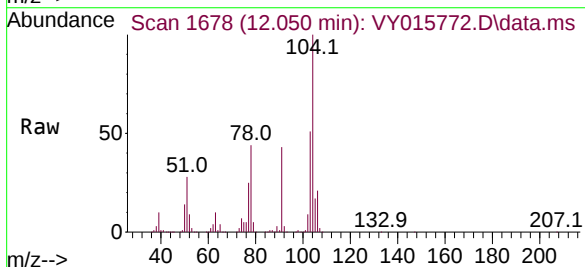
Tgt Ion:104 Resp: 334845

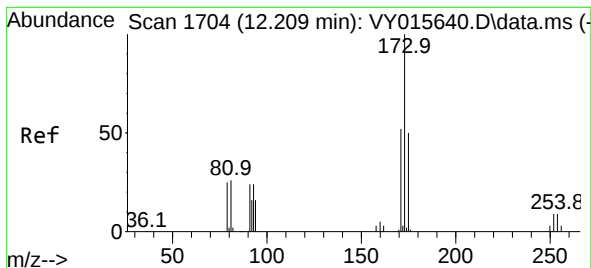
Ion Ratio Lower Upper

104 100

78 49.2 41.5 62.3

103 54.9 44.6 67.0





#71

Bromoform

Concen: 52.335 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. 0.006 min

Lab File: VY015772.D

Acq: 29 Sep 2023 22:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

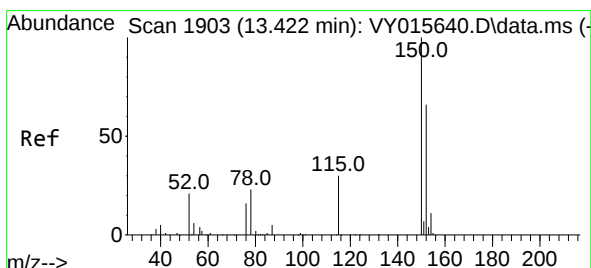
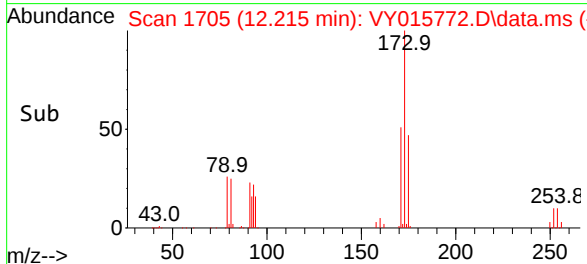
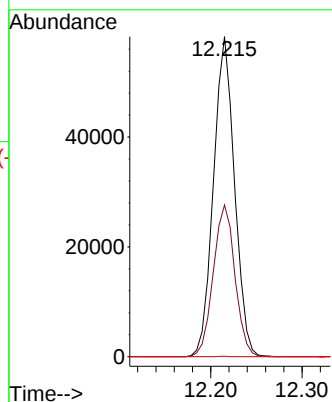
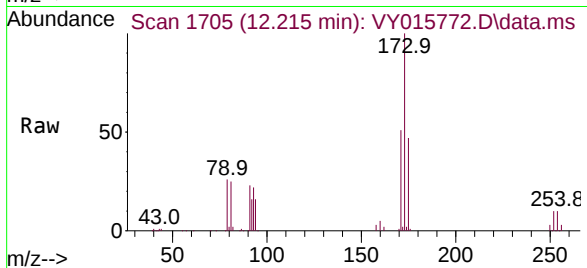
Tgt Ion:173 Resp: 93117

Ion Ratio Lower Upper

173 100

175 48.8 24.6 73.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.012 min

Lab File: VY015772.D

Acq: 29 Sep 2023 22:32

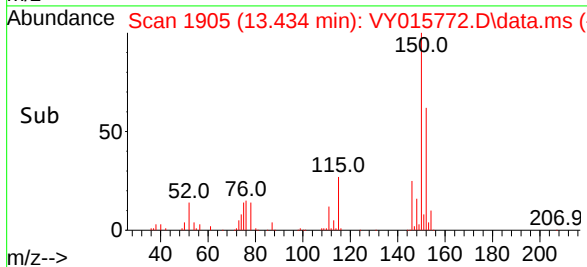
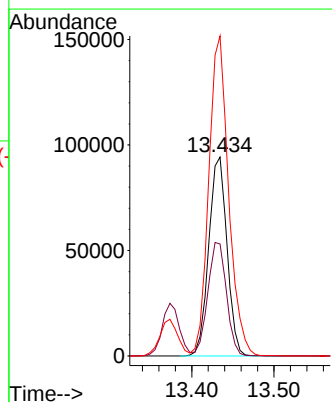
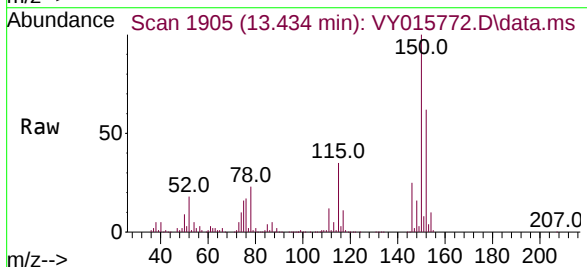
Tgt Ion:152 Resp: 145868

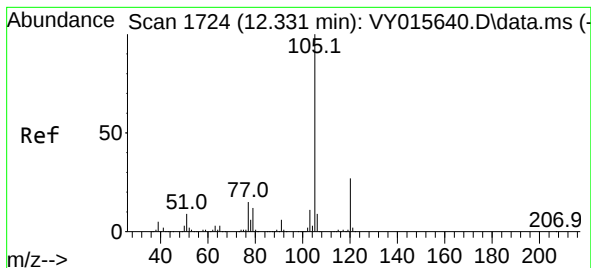
Ion Ratio Lower Upper

152 100

115 58.4 28.8 86.5

150 174.5 0.0 348.8





#73

Isopropylbenzene

Concen: 46.487 ug/l

RT: 12.337 min Scan# 1724

Delta R.T. 0.012 min

Lab File: VY015772.D

Acq: 29 Sep 2023 22:32

Instrument :

MSVOA_Y

ClientSampleId :

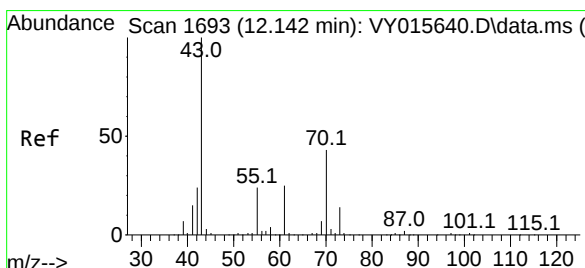
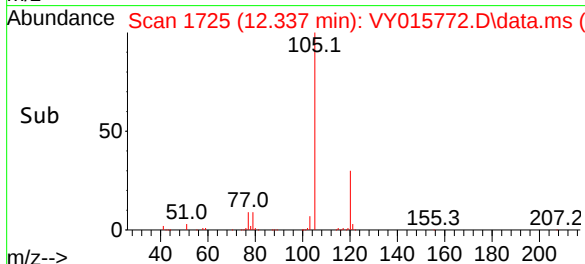
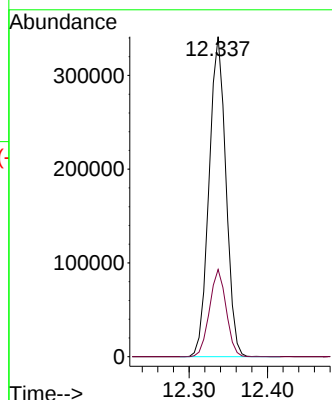
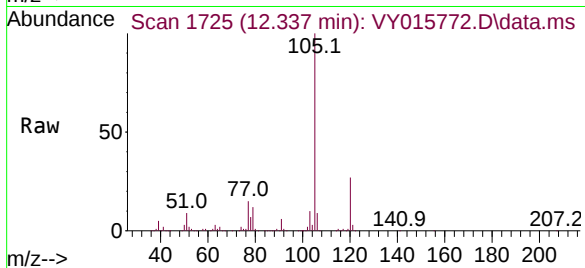
VSTDCCC050EC

Tgt Ion:105 Resp: 508683

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.9



#74

N-ethyl acetate

Concen: 49.871 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY015772.D

Acq: 29 Sep 2023 22:32

Tgt Ion: 43 Resp: 205108

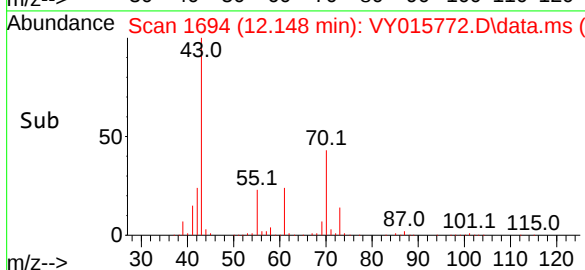
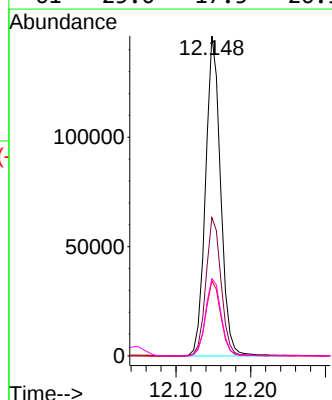
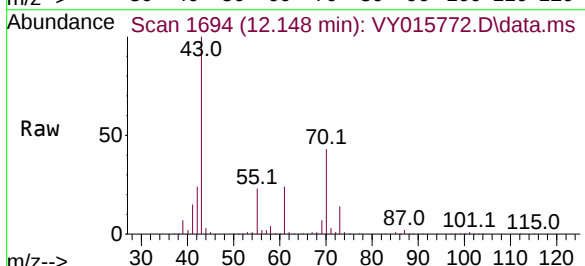
Ion Ratio Lower Upper

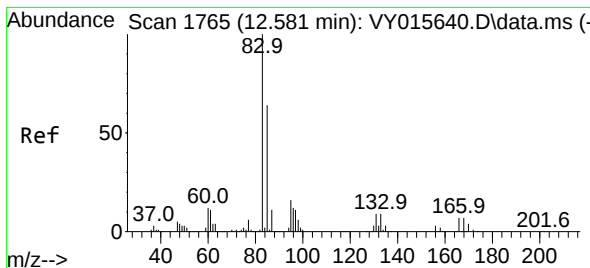
43 100

70 43.5 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: 49.311 ug/l

RT: 12.587 min Scan# 1765

Delta R.T. 0.006 min

Lab File: VY015772.D

Acq: 29 Sep 2023 22:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

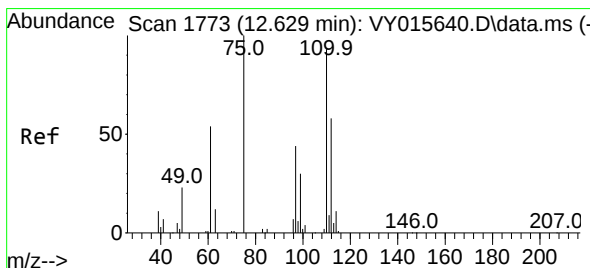
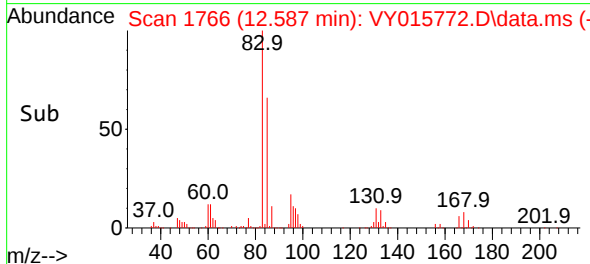
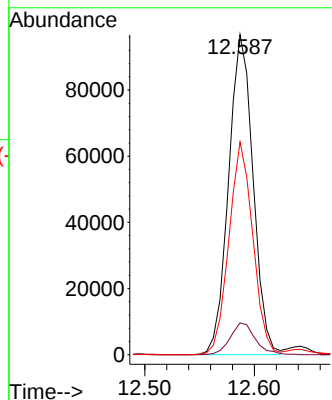
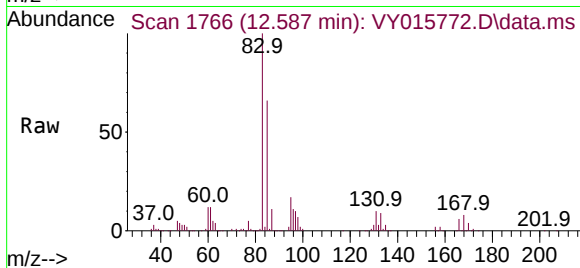
Tgt Ion: 83 Resp: 150172

Ion Ratio Lower Upper

83 100

131 10.2 5.4 16.2

85 65.0 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 53.396 ug/l m

RT: 12.642 min Scan# 1775

Delta R.T. 0.013 min

Lab File: VY015772.D

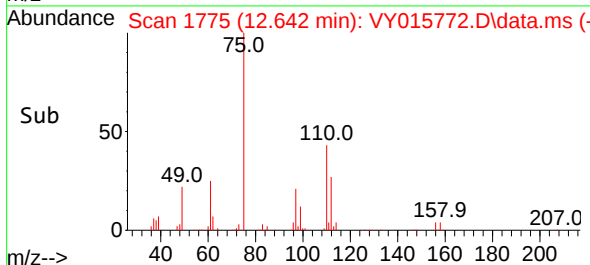
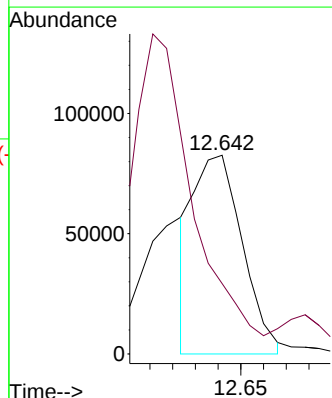
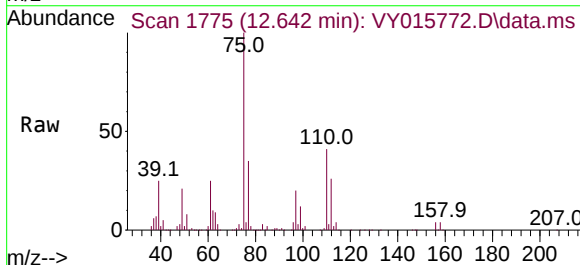
Acq: 29 Sep 2023 22:32

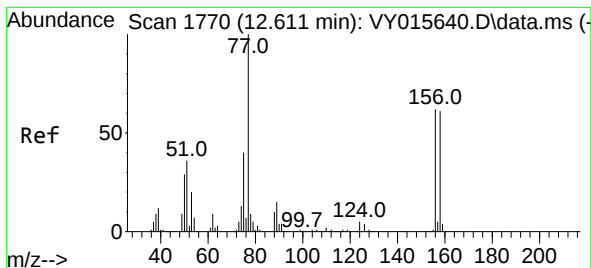
Tgt Ion: 75 Resp: 124257

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.458 ug/l

RT: 12.617 min Scan# 1770

Delta R.T. 0.012 min

Lab File: VY015772.D

Acq: 29 Sep 2023 22:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

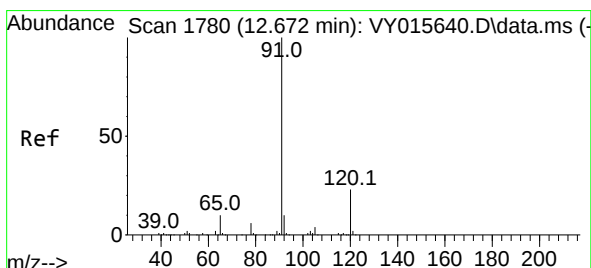
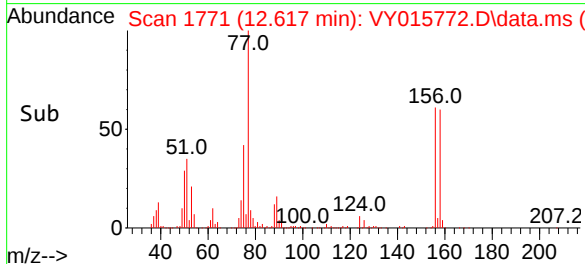
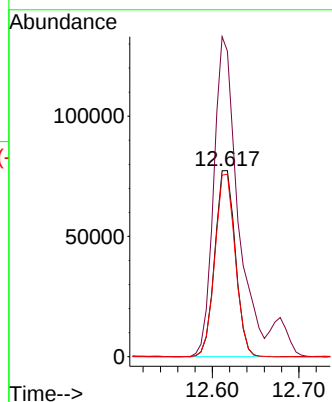
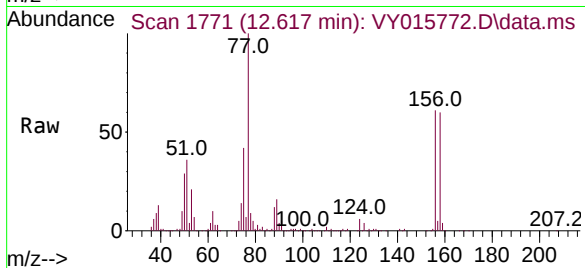
Tgt Ion:156 Resp: 127475

Ion Ratio Lower Upper

156 100

77 199.7 92.8 278.6

158 97.4 48.4 145.3



#78

n-propylbenzene

Concen: 46.026 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.012 min

Lab File: VY015772.D

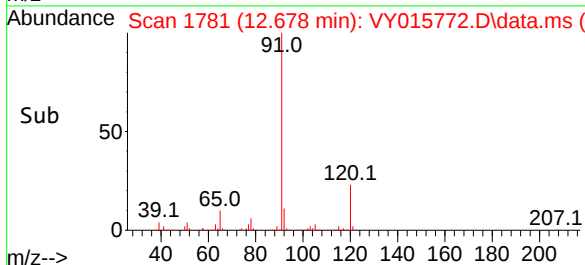
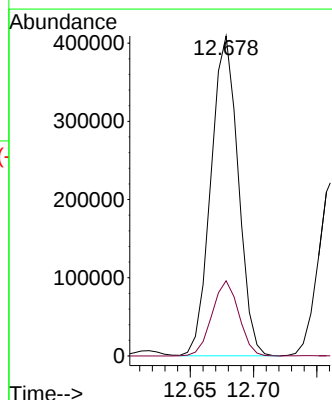
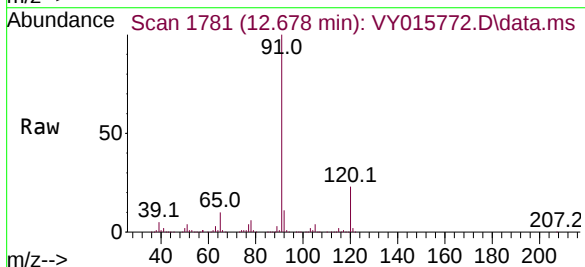
Acq: 29 Sep 2023 22:32

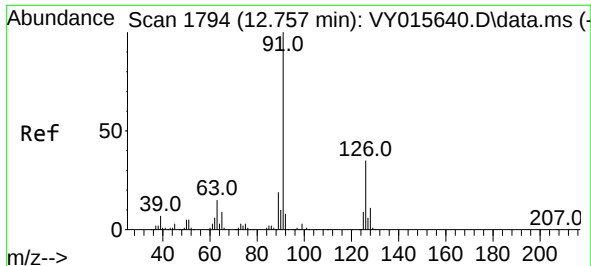
Tgt Ion: 91 Resp: 611861

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4

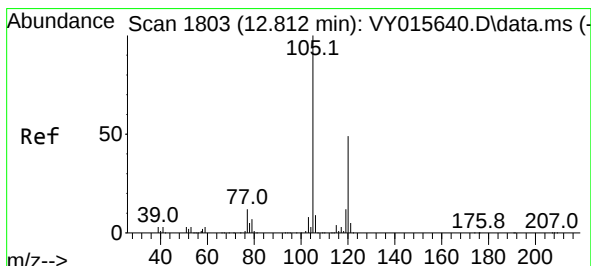
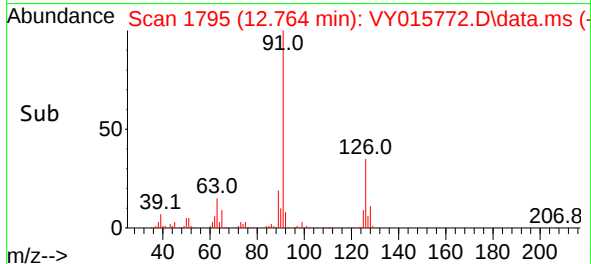
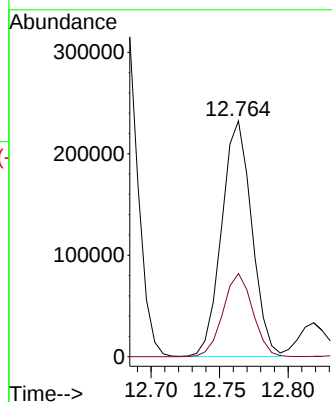
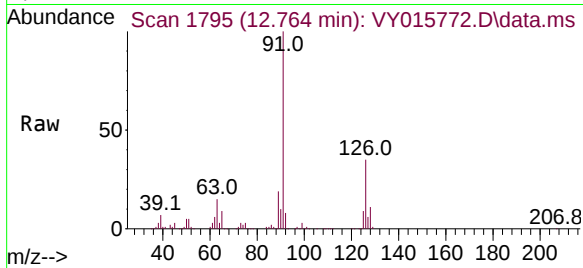




#79
2-Chlorotoluene
Concen: 46.867 ug/l
RT: 12.764 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY015772.D
Acq: 29 Sep 2023 22:32

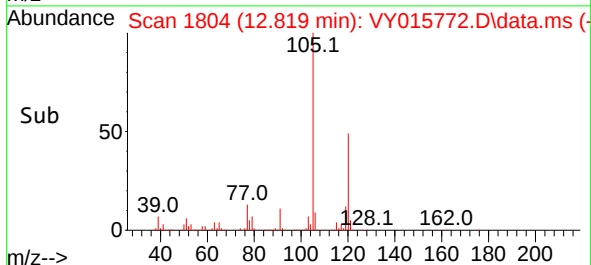
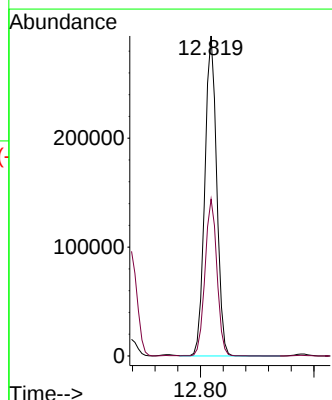
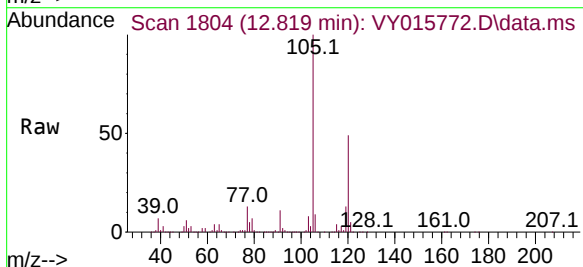
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

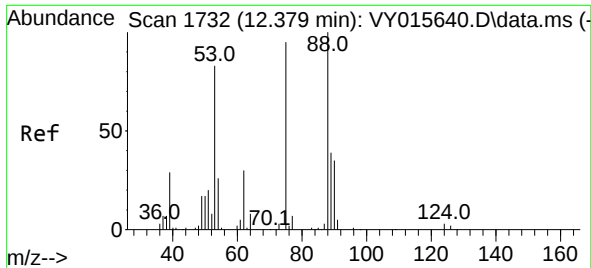
Tgt Ion: 91 Resp: 355145
Ion Ratio Lower Upper
91 100
126 34.8 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 46.751 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.007 min
Lab File: VY015772.D
Acq: 29 Sep 2023 22:32

Tgt Ion: 105 Resp: 428280
Ion Ratio Lower Upper
105 100
120 49.1 23.9 71.7

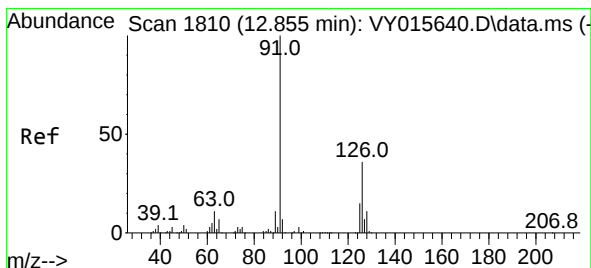
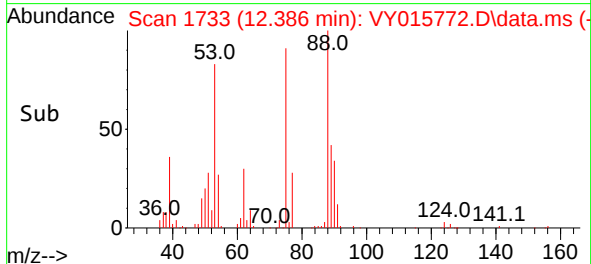
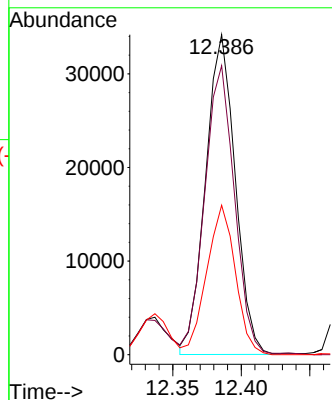
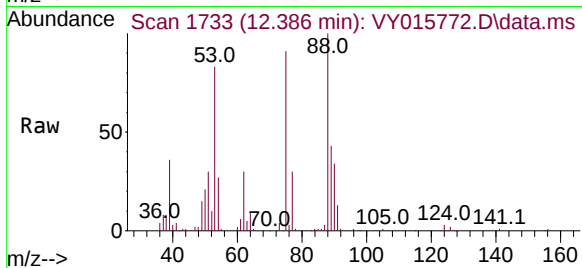




#81
trans-1,4-Dichloro-2-butene
Concen: 49.801 ug/l
RT: 12.386 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015772.D
Acq: 29 Sep 2023 22:32

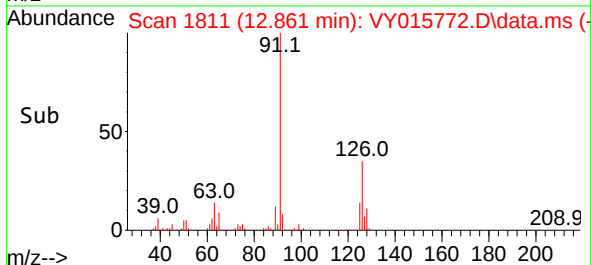
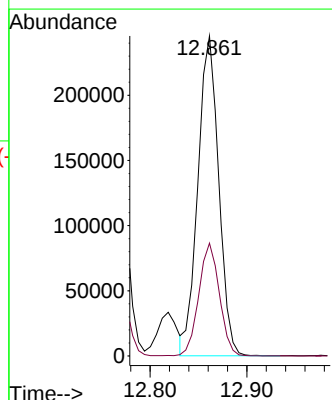
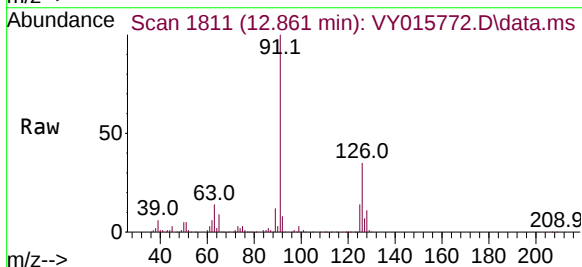
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

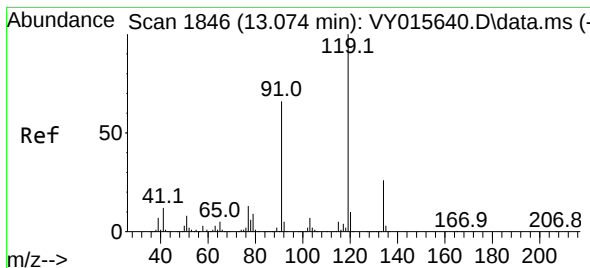
Tgt Ion: 75 Resp: 51464
Ion Ratio Lower Upper
75 100
53 90.9 77.8 116.8
89 45.2 37.4 56.0



#82
4-Chlorotoluene
Concen: 46.353 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.012 min
Lab File: VY015772.D
Acq: 29 Sep 2023 22:32

Tgt Ion: 91 Resp: 366679
Ion Ratio Lower Upper
91 100
126 34.9 17.2 51.6





#83

tert-Butylbenzene

Concen: 47.828 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY015772.D

Acq: 29 Sep 2023 22:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

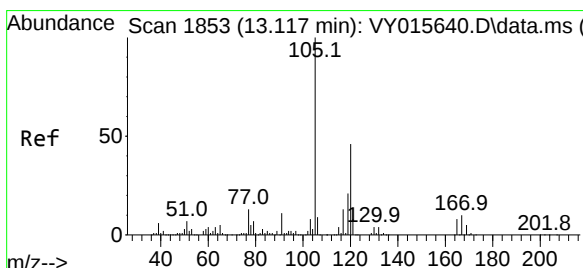
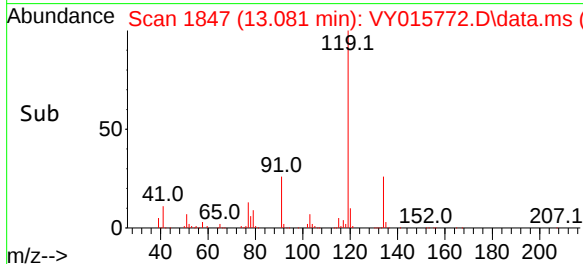
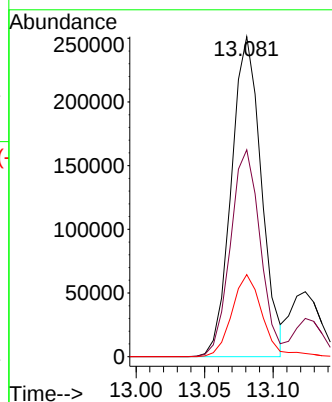
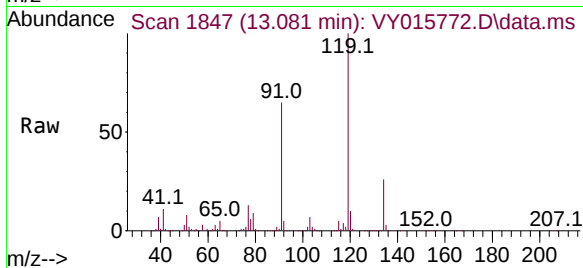
Tgt Ion:119 Resp: 383744

Ion Ratio Lower Upper

119 100

91 64.2 32.9 98.6

134 26.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 47.234 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY015772.D

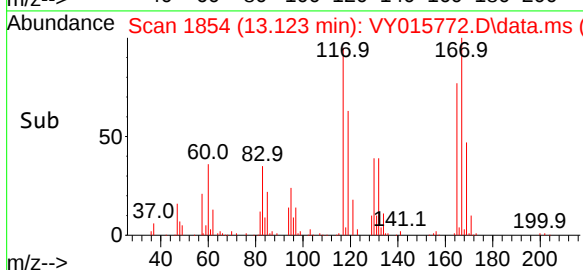
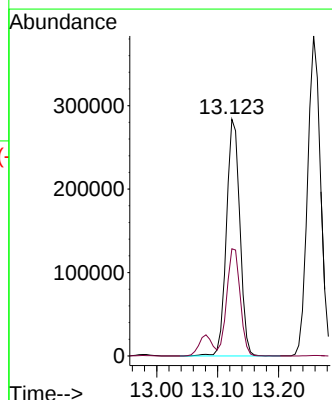
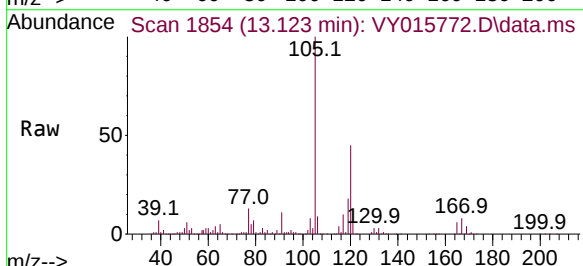
Acq: 29 Sep 2023 22:32

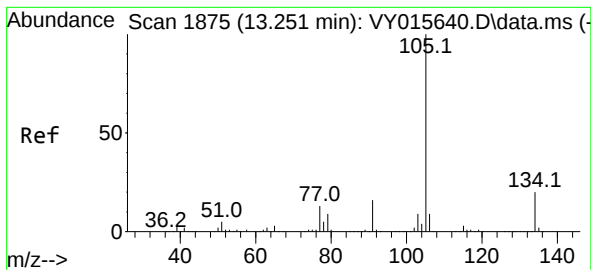
Tgt Ion:105 Resp: 432947

Ion Ratio Lower Upper

105 100

120 45.4 22.2 66.6





#85

sec-Butylbenzene

Concen: 46.994 ug/l

RT: 13.258 min Scan# 1875

Delta R.T. 0.007 min

Lab File: VY015772.D

Acq: 29 Sep 2023 22:32

Instrument :

MSVOA_Y

ClientSampleId :

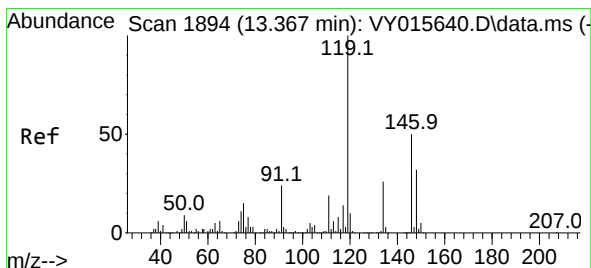
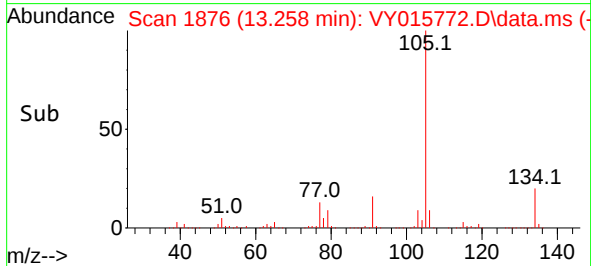
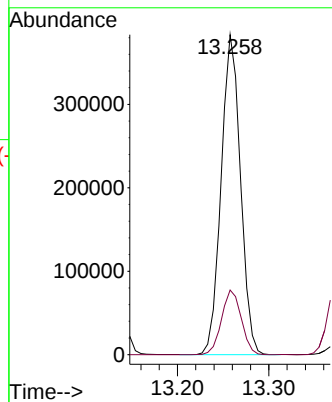
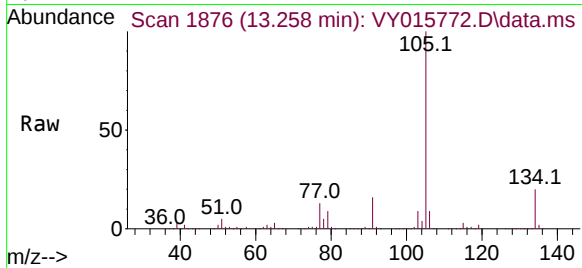
VSTDCCC050EC

Tgt Ion:105 Resp: 564266

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.6



#86

p-Isopropyltoluene

Concen: 46.954 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY015772.D

Acq: 29 Sep 2023 22:32

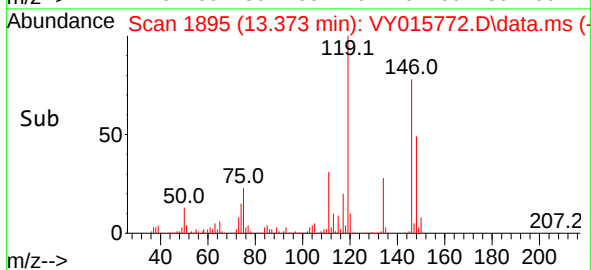
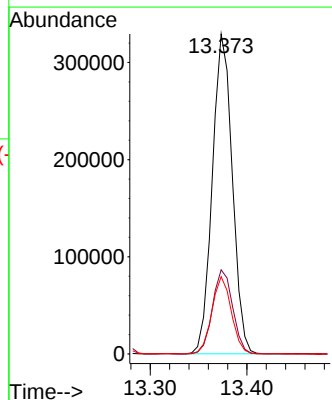
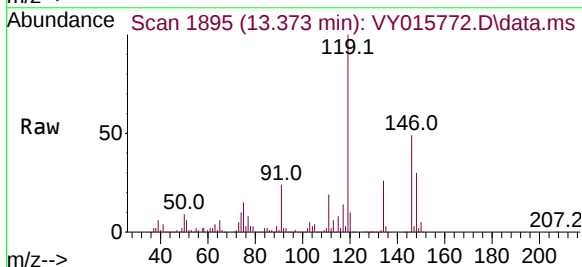
Tgt Ion:119 Resp: 470944

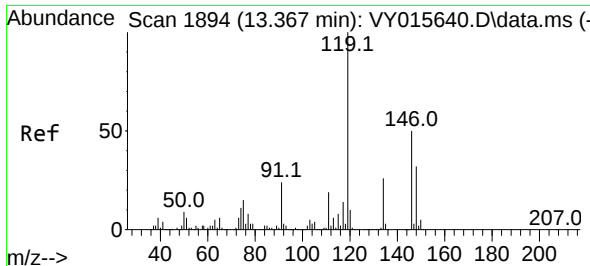
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

91 23.4 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 47.034 ug/l

RT: 13.373 min Scan# 1894

Delta R.T. 0.012 min

Lab File: VY015772.D

Acq: 29 Sep 2023 22:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

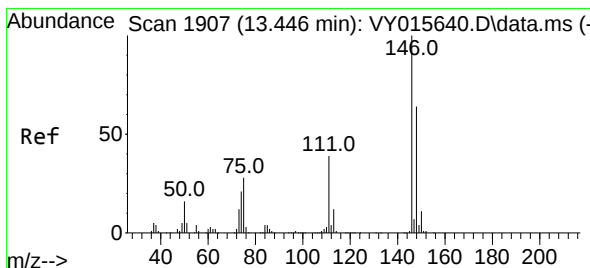
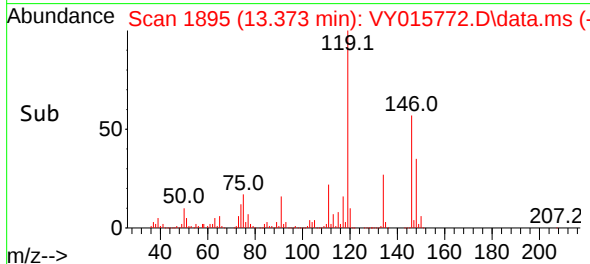
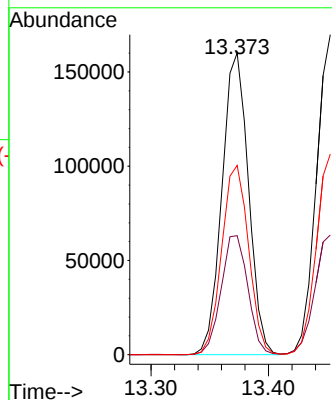
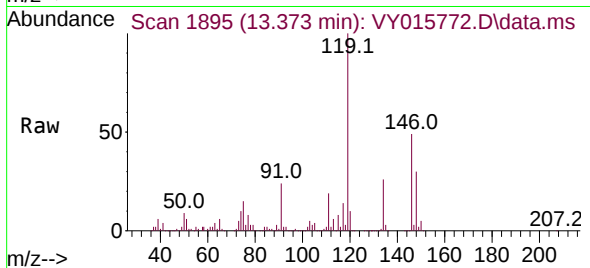
Tgt Ion:146 Resp: 250636

Ion Ratio Lower Upper

146 100

111 40.0 19.4 58.2

148 63.8 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 47.330 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.007 min

Lab File: VY015772.D

Acq: 29 Sep 2023 22:32

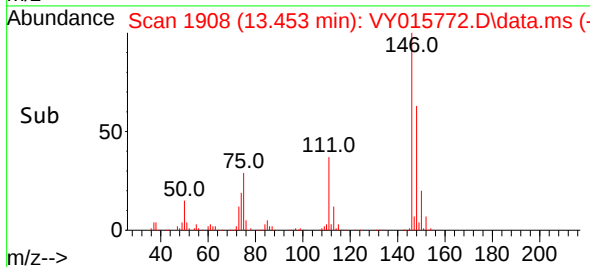
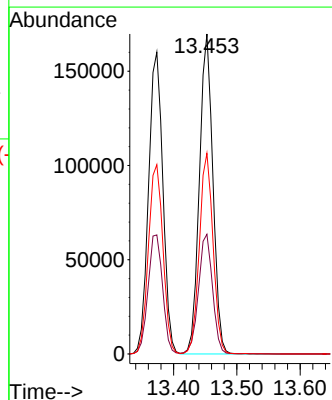
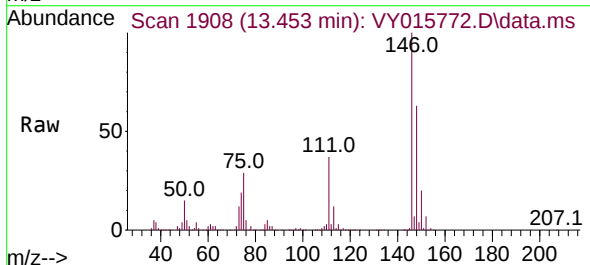
Tgt Ion:146 Resp: 252243

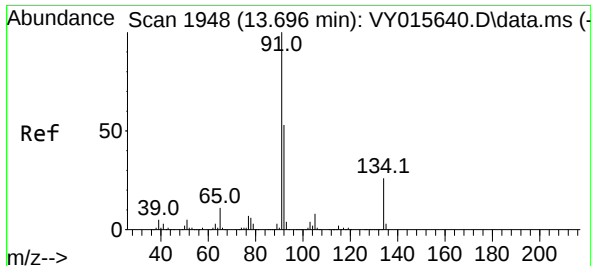
Ion Ratio Lower Upper

146 100

111 39.1 18.9 56.7

148 63.7 32.1 96.5

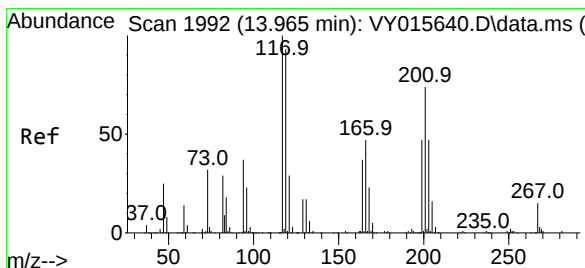
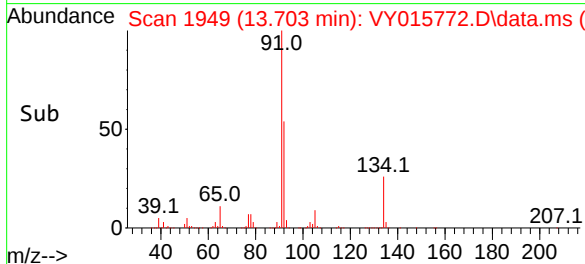
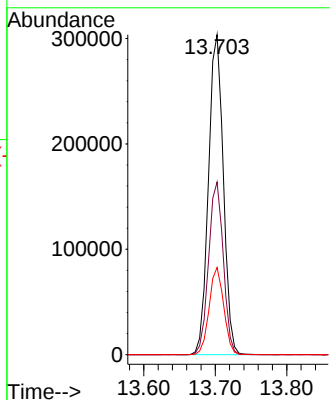
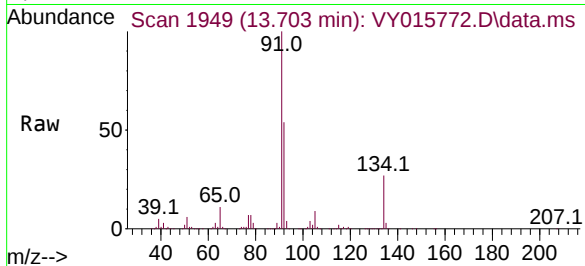




#89
n-Butylbenzene
Concen: 46.090 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. 0.007 min
Lab File: VY015772.D
Acq: 29 Sep 2023 22:32

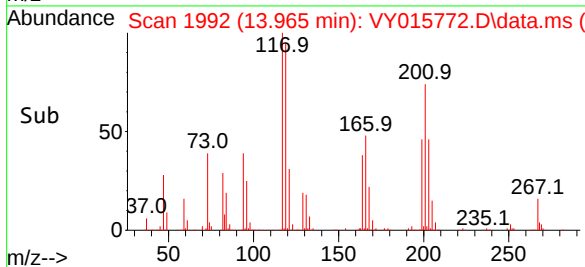
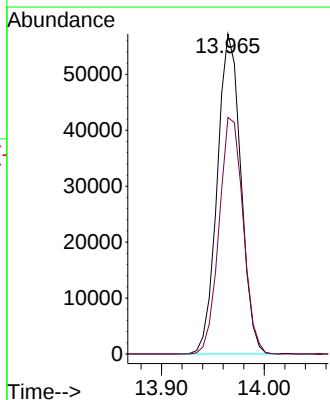
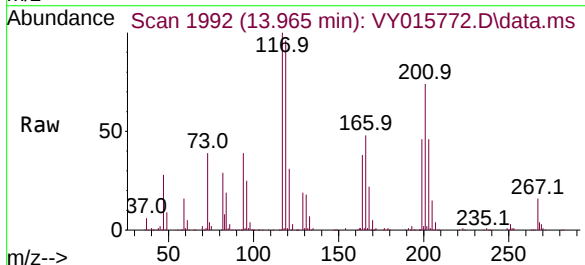
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

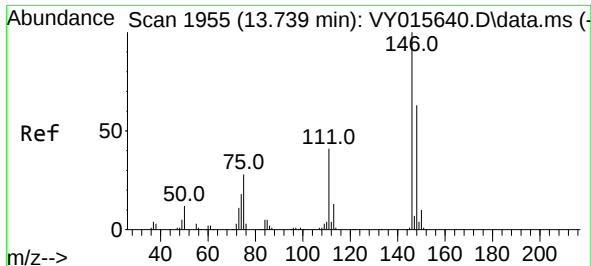
Tgt Ion: 91 Resp: 437747
Ion Ratio Lower Upper
91 100
92 53.5 25.4 76.0
134 26.7 12.6 37.6



#90
Hexachloroethane
Concen: 47.081 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY015772.D
Acq: 29 Sep 2023 22:32

Tgt Ion: 117 Resp: 91137
Ion Ratio Lower Upper
117 100
201 75.3 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 48.562 ug/l

RT: 13.745 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY015772.D

Acq: 29 Sep 2023 22:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

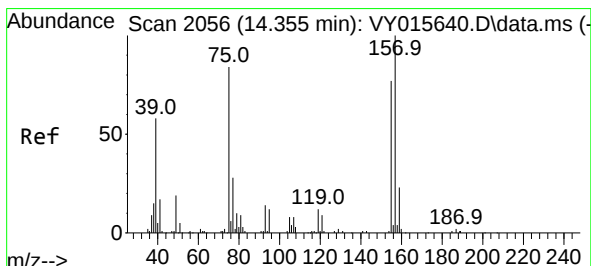
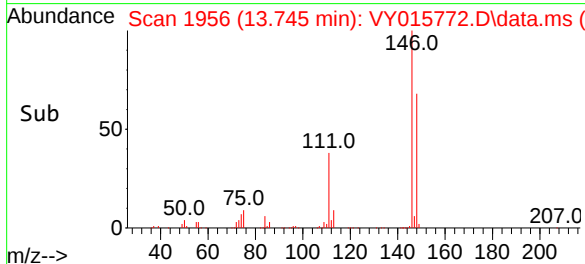
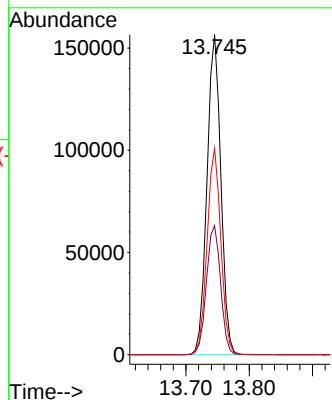
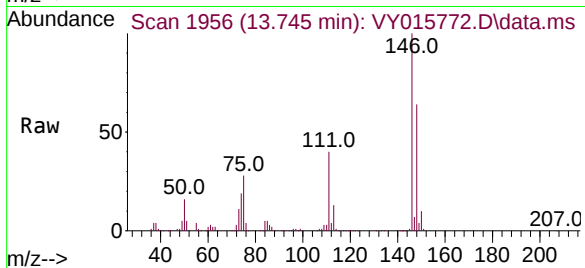
Tgt Ion:146 Resp: 238882

Ion Ratio Lower Upper

146 100

111 41.2 19.7 59.0

148 64.0 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 57.416 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY015772.D

Acq: 29 Sep 2023 22:32

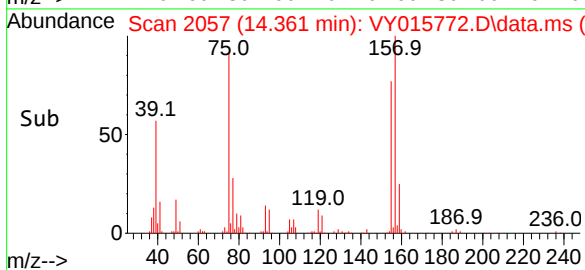
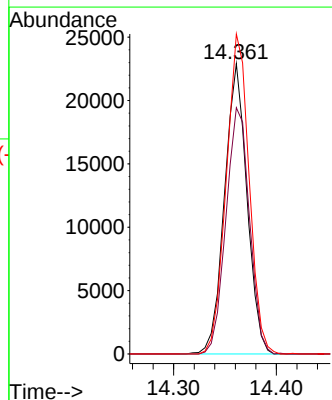
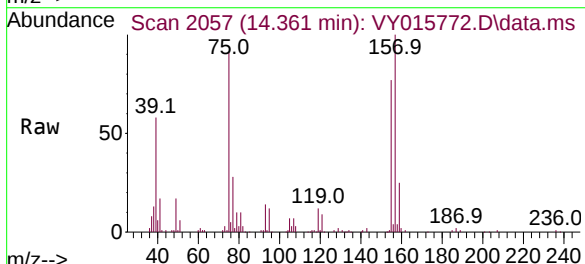
Tgt Ion: 75 Resp: 34728

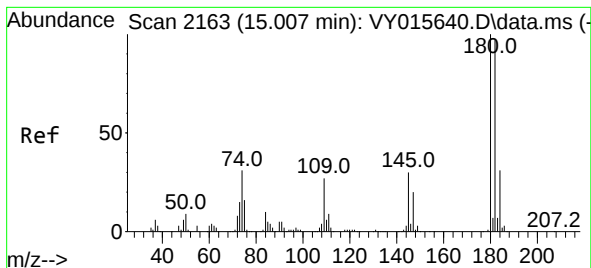
Ion Ratio Lower Upper

75 100

155 88.8 41.5 124.6

157 112.6 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 48.516 ug/l

RT: 15.013 min Scan# 2163

Delta R.T. 0.012 min

Lab File: VY015772.D

Acq: 29 Sep 2023 22:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

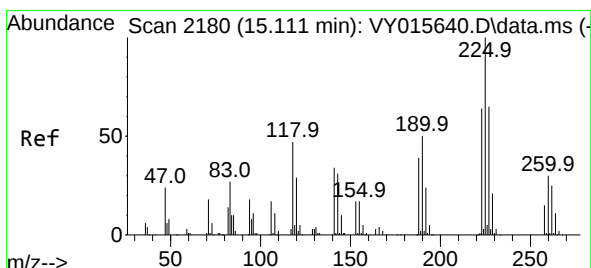
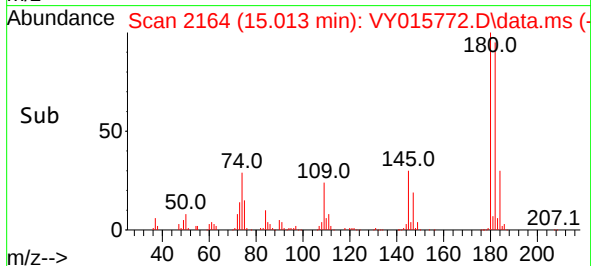
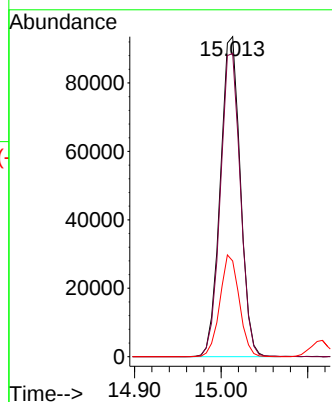
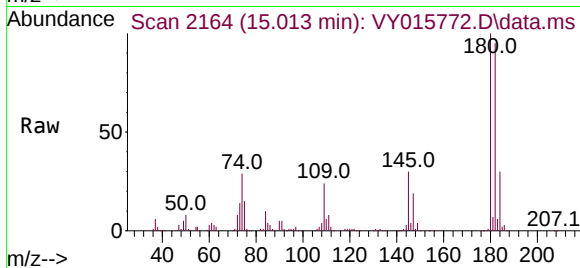
Tgt Ion:180 Resp: 150245

Ion Ratio Lower Upper

180 100

182 95.0 47.0 141.2

145 30.8 14.5 43.5



#94

Hexachlorobutadiene

Concen: 48.371 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY015772.D

Acq: 29 Sep 2023 22:32

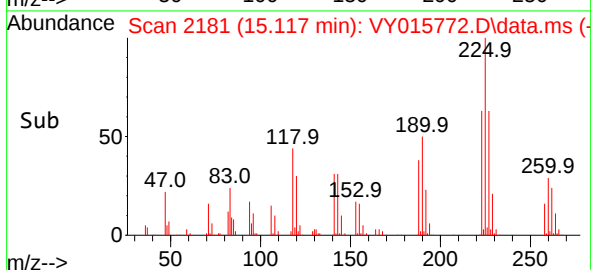
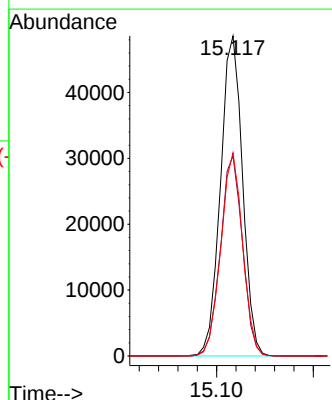
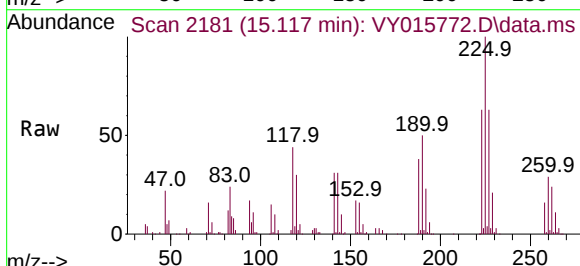
Tgt Ion:225 Resp: 76711

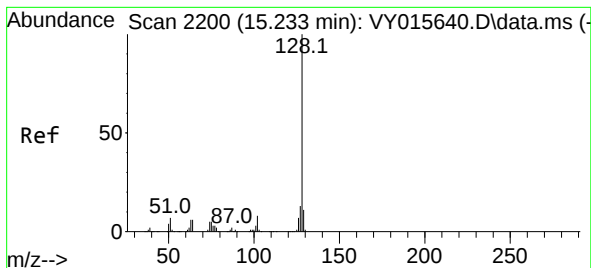
Ion Ratio Lower Upper

225 100

223 62.6 31.9 95.9

227 62.6 33.0 98.9





#95

Naphthalene

Concen: 61.423 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY015772.D

Acq: 29 Sep 2023 22:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

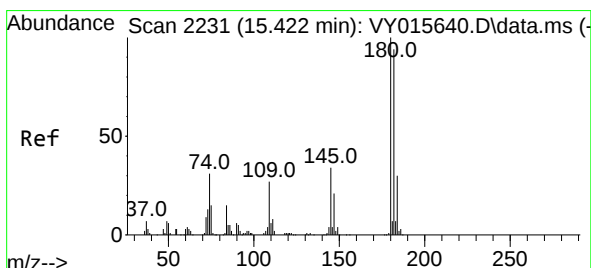
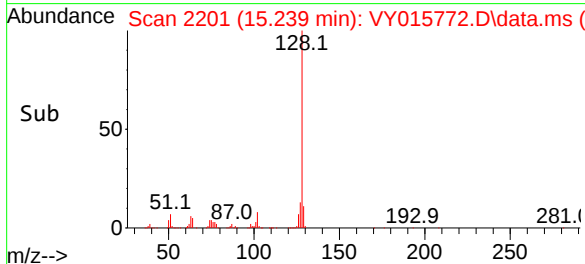
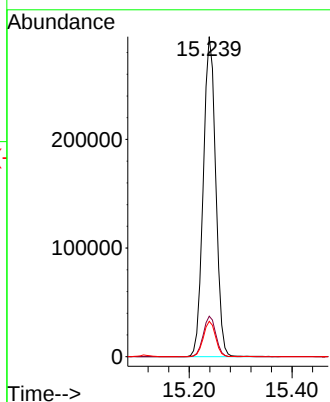
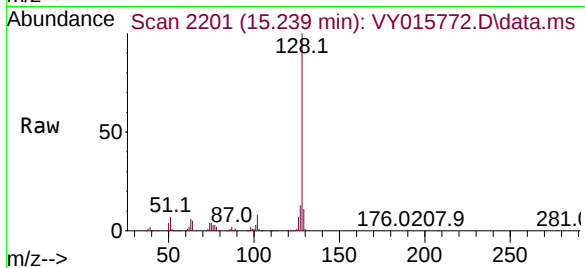
Tgt Ion:128 Resp: 495988

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 50.100 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY015772.D

Acq: 29 Sep 2023 22:32

Tgt Ion:180 Resp: 143201

Ion Ratio Lower Upper

180 100

182 94.9 47.3 141.8

145 31.6 15.4 46.2

