

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092823\
 Data File : VY015754.D
 Acq On : 28 Sep 2023 19:27
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Sep 29 08:29:24 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	129550	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.697	114	217309	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	199999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106550	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	79833	56.007	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.020%	
35) Dibromofluoromethane	7.728	113	72155	55.475	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.960%	
50) Toluene-d8	10.185	98	257214	58.324	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 116.640%	
62) 4-Bromofluorobenzene	12.489	95	95391	55.118	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.240%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	46476	54.425	ug/l	96
3) Chloromethane	2.119	50	60575	56.228	ug/l	97
4) Vinyl Chloride	2.253	62	73267	59.481	ug/l	95
5) Bromomethane	2.656	94	56721	54.871	ug/l	98
6) Chloroethane	2.796	64	53707	58.826	ug/l	98
7) Trichlorofluoromethane	3.125	101	124863	60.445	ug/l	100
8) Diethyl Ether	3.540	74	52921	60.074	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.906	101	76643	59.256	ug/l	96
10) Methyl Iodide	4.101	142	78067	51.255	ug/l	98
11) Tert butyl alcohol	5.033	59	101603	344.727	ug/l #	81
12) 1,1-Dichloroethene	3.875	96	65168	57.178	ug/l	95
13) Acrolein	3.747	56	59399	272.099	ug/l	100
14) Allyl chloride	4.491	41	123945	59.479	ug/l	92
15) Acrylonitrile	5.186	53	220779	341.637	ug/l	99
16) Acetone	3.979	43	204898	268.607	ug/l	92
17) Carbon Disulfide	4.204	76	119326	53.893	ug/l	99
18) Methyl Acetate	4.497	43	184970	72.271	ug/l	95
19) Methyl tert-butyl Ether	5.235	73	287057	61.839	ug/l	99
20) Methylene Chloride	4.729	84	92359	55.852	ug/l	92
21) trans-1,2-Dichloroethene	5.229	96	76195	58.489	ug/l	97
22) Diisopropyl ether	6.137	45	303162	60.451	ug/l	95
23) Vinyl Acetate	6.076	43	954457	308.345	ug/l	96
24) 1,1-Dichloroethane	6.027	63	159445	58.330	ug/l	97
25) 2-Butanone	7.009	43	328189	304.382	ug/l	97
26) 2,2-Dichloropropane	6.990	77	130257	52.136	ug/l	97
27) cis-1,2-Dichloroethene	6.996	96	101844	58.888	ug/l	94
28) Bromochloromethane	7.344	49	38372	51.741	ug/l	99
29) Tetrahydrofuran	7.368	42	217892	357.541	ug/l	94
30) Chloroform	7.515	83	174756	59.699	ug/l	98
31) Cyclohexane	7.795	56	107532	54.457	ug/l	93
32) 1,1,1-Trichloroethane	7.710	97	143263	59.284	ug/l	99
36) 1,1-Dichloropropene	7.929	75	111952	58.213	ug/l	99
37) Ethyl Acetate	7.088	43	136310	71.059	ug/l	98
38) Carbon Tetrachloride	7.911	117	125019	59.889	ug/l	98
39) Methylcyclohexane	9.191	83	120917	56.846	ug/l	94
40) Benzene	8.167	78	345567	58.923	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	57499	55.669	ug/l	94
42) 1,2-Dichloroethane	8.246	62	122625	61.051	ug/l	95
43) Isopropyl Acetate	8.283	43	216889	66.191	ug/l	99
44) Trichloroethene	8.947	130	98080	59.877	ug/l	97
45) 1,2-Dichloropropane	9.222	63	97944	59.886	ug/l	98
46) Dibromomethane	9.313	93	64987	62.118	ug/l	94
47) Bromodichloromethane	9.502	83	141578	60.714	ug/l	99
48) Methyl methacrylate	9.301	41	95841	66.636	ug/l	91
49) 1,4-Dioxane	9.338	88	33463	1619.063	ug/l #	54
51) 4-Methyl-2-Pentanone	10.075	43	724920	356.932	ug/l	93
52) Toluene	10.252	92	224845	59.468	ug/l	94
53) t-1,3-Dichloropropene	10.471	75	152937	61.159	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	160794	59.736	ug/l	91
55) 1,1,2-Trichloroethane	10.648	97	97365	63.507	ug/l	98
56) Ethyl methacrylate	10.514	69	149208	66.039	ug/l #	88
57) 1,3-Dichloropropane	10.795	76	160717	62.510	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	194540	271.069	ug/l	96
59) 2-Hexanone	10.837	43	555955	356.796	ug/l	91
60) Dibromochloromethane	10.990	129	113789	63.580	ug/l	100
61) 1,2-Dibromoethane	11.093	107	94619	63.084	ug/l	100
64) Tetrachloroethene	10.728	164	106765	62.220	ug/l	98
65) Chlorobenzene	11.520	112	257928	59.082	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	104395	61.562	ug/l	98
67) Ethyl Benzene	11.599	91	455846	59.740	ug/l	99
68) m/p-Xylenes	11.709	106	348516	120.167	ug/l	95
69) o-Xylene	12.032	106	171747	60.391	ug/l	98
70) Styrene	12.050	104	301742	61.985	ug/l	97
71) Bromoform	12.215	173	82455	67.099	ug/l #	99
73) Isopropylbenzene	12.337	105	457954	57.294	ug/l	100
74) N-amyl acetate	12.148	43	191389	63.707	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.587	83	140536	63.175	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	186295	109.596	ug/l #	100
77) Bromobenzene	12.611	156	112854	57.519	ug/l	92
78) n-propylbenzene	12.678	91	555228	57.178	ug/l	100
79) 2-Chlorotoluene	12.764	91	315737	57.042	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	382414	57.149	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	47651	63.127	ug/l	95
82) 4-Chlorotoluene	12.861	91	328776	56.898	ug/l	99
83) tert-Butylbenzene	13.081	119	342022	58.358	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	388067	57.961	ug/l	99
85) sec-Butylbenzene	13.258	105	511979	58.374	ug/l	99
86) p-Isopropyltoluene	13.373	119	425748	58.112	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	224365	57.641	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	226270	58.123	ug/l	100
89) n-Butylbenzene	13.703	91	400669	57.754	ug/l	97
90) Hexachloroethane	13.965	117	83042	58.730	ug/l	89
91) 1,2-Dichlorobenzene	13.745	146	213699	59.473	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	30377	68.755	ug/l	89
93) 1,2,4-Trichlorobenzene	15.013	180	135111	59.729	ug/l	99
94) Hexachlorobutadiene	15.117	225	66339	57.267	ug/l	98
95) Naphthalene	15.239	128	398541	67.567	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	128217	61.411	ug/l	99

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ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
VSTDCCC050EC

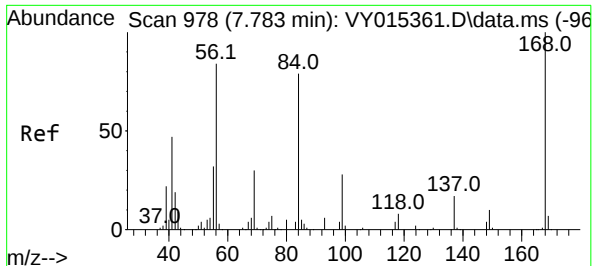
Quant Time: Sep 29 08:29:24 2023
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QLast Update : Wed Sep 20 01:39:40 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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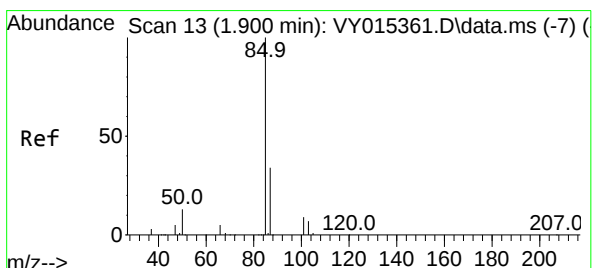
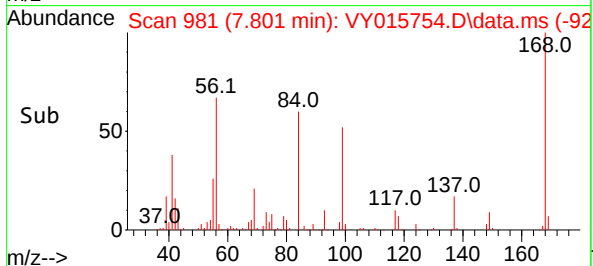
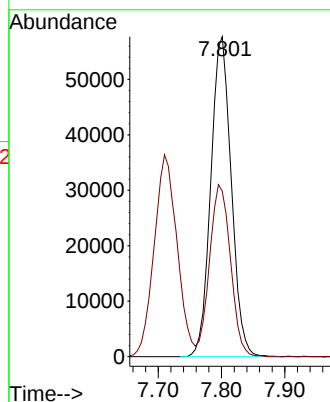
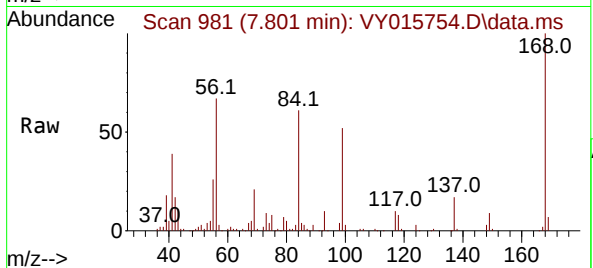




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY015754.D
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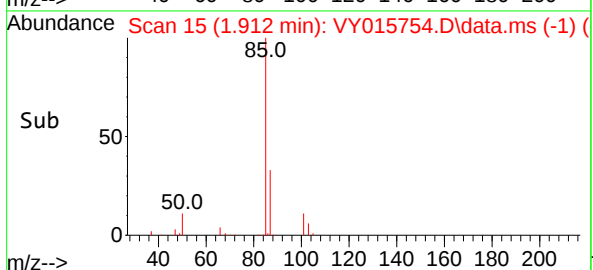
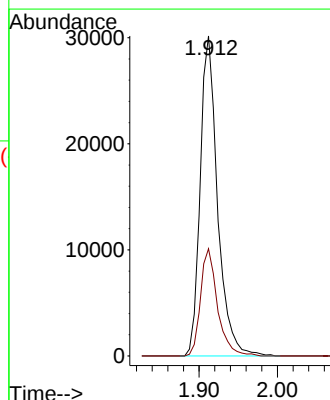
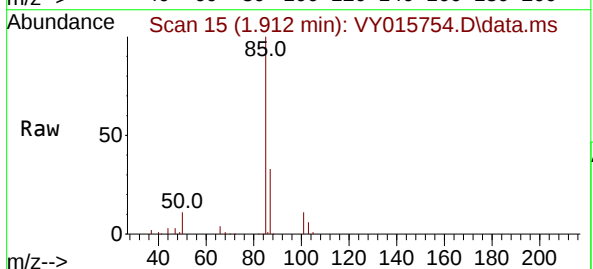
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

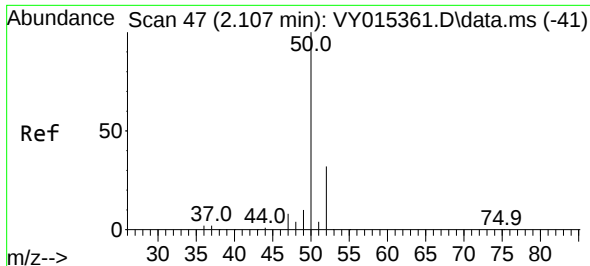
Tgt Ion:168 Resp: 129550
Ion Ratio Lower Upper
168 100
99 51.7 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 54.425 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.012 min
Lab File: VY015754.D
Acq: 28 Sep 2023 19:27

Tgt Ion: 85 Resp: 46476
Ion Ratio Lower Upper
85 100
87 33.5 15.6 46.8

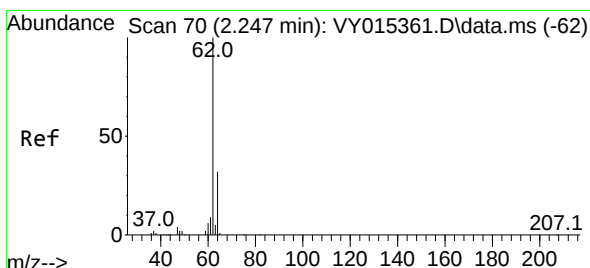
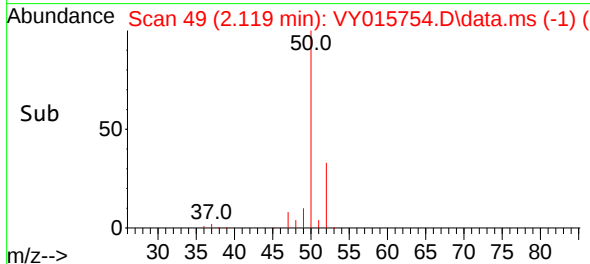
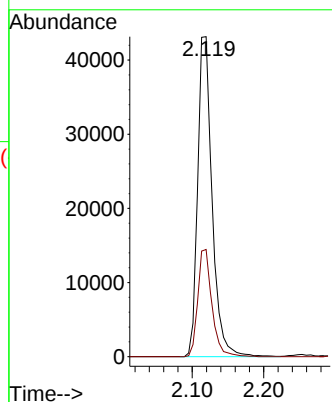
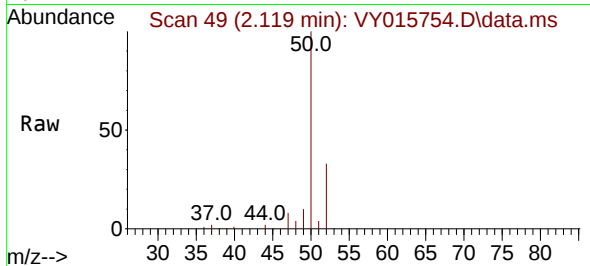




#3
Chloromethane
Concen: 56.228 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.012 min
Lab File: VY015754.D
Acq: 28 Sep 2023 19:27

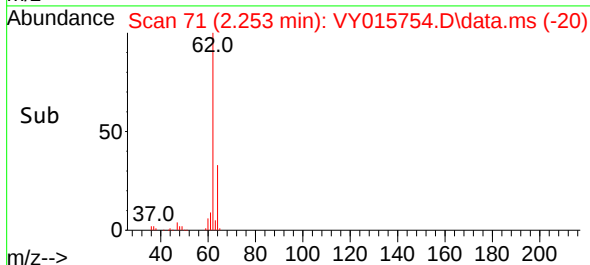
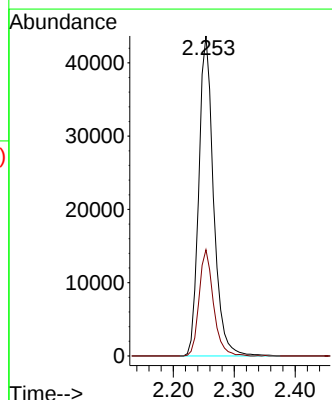
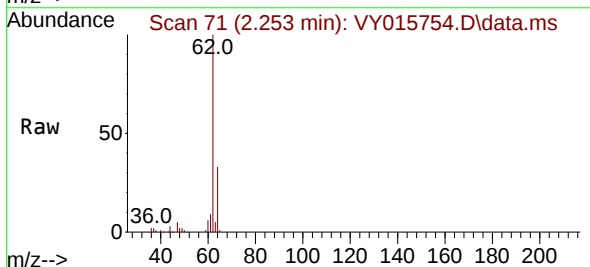
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ClientSampleId :
VSTDCCC050EC

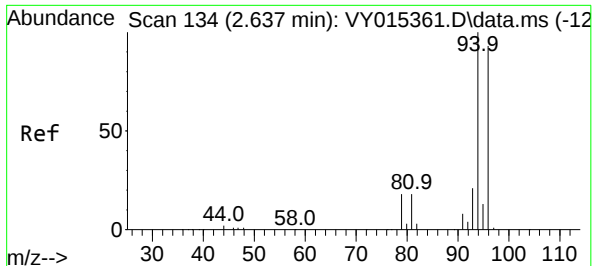
Tgt Ion: 50 Resp: 60575
Ion Ratio Lower Upper
50 100
52 33.5 25.4 38.2



#4
Vinyl Chloride
Concen: 59.481 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.012 min
Lab File: VY015754.D
Acq: 28 Sep 2023 19:27

Tgt Ion: 62 Resp: 73267
Ion Ratio Lower Upper
62 100
64 33.2 24.3 36.5





#5

Bromomethane

Concen: 54.871 ug/l

RT: 2.656 min Scan# 11

Delta R.T. 0.019 min

Lab File: VY015754.D

Acq: 28 Sep 2023 19:27

Instrument :

MSVOA_Y

ClientSampleId :

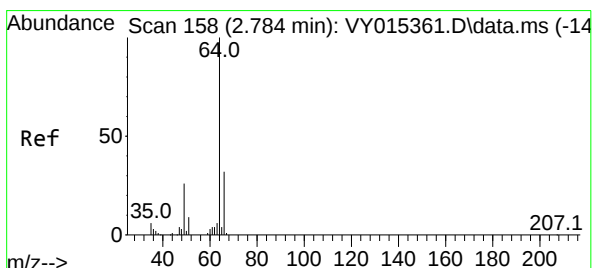
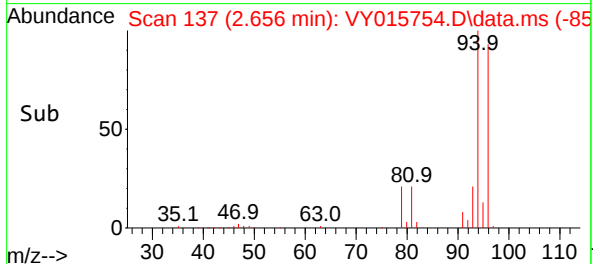
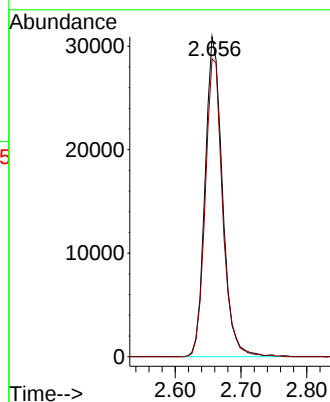
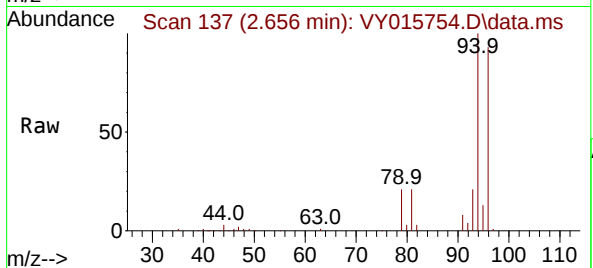
VSTDCCC050EC

Tgt Ion: 94 Resp: 56721

Ion Ratio Lower Upper

94 100

96 93.1 75.8 113.6



#6

Chloroethane

Concen: 58.826 ug/l

RT: 2.796 min Scan# 160

Delta R.T. 0.012 min

Lab File: VY015754.D

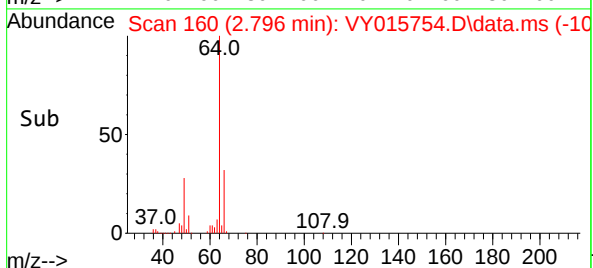
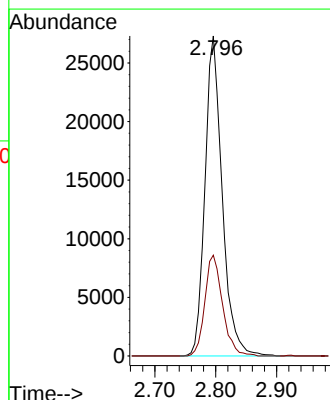
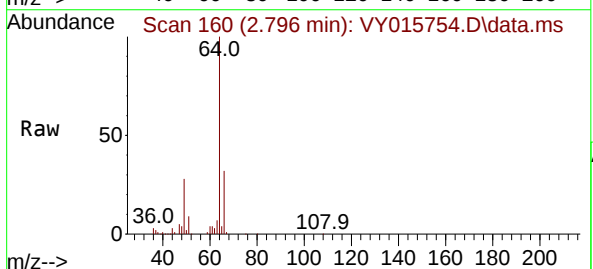
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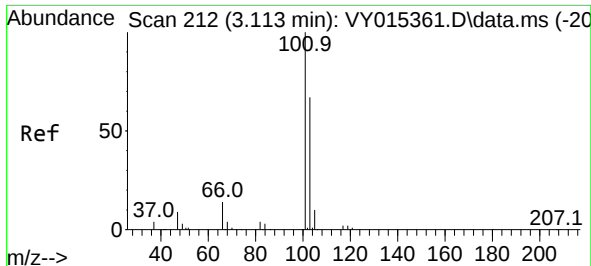
Tgt Ion: 64 Resp: 53707

Ion Ratio Lower Upper

64 100

66 31.5 24.4 36.6

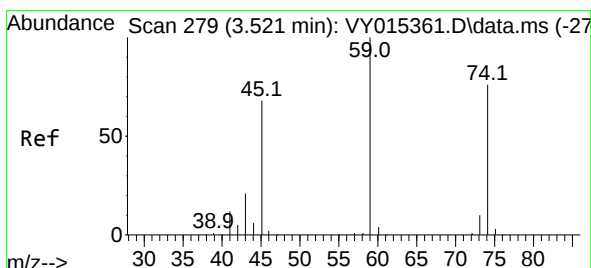
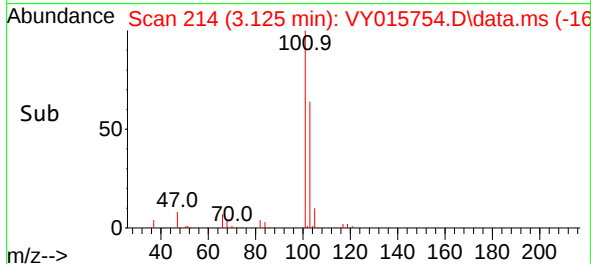
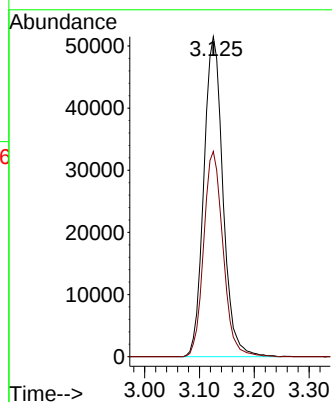
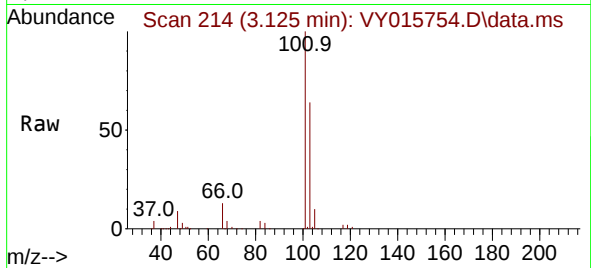




#7
 Trichlorofluoromethane
 Concen: 60.445 ug/l
 RT: 3.125 min Scan# 212
 Delta R.T. 0.012 min
 Lab File: VY015754.D
 Acq: 28 Sep 2023 19:27

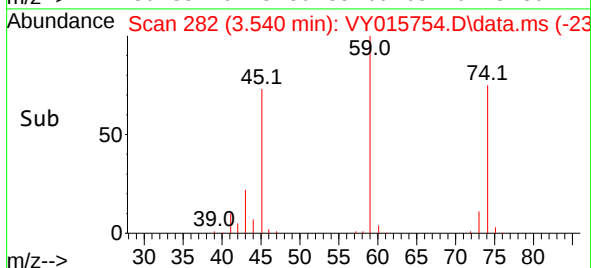
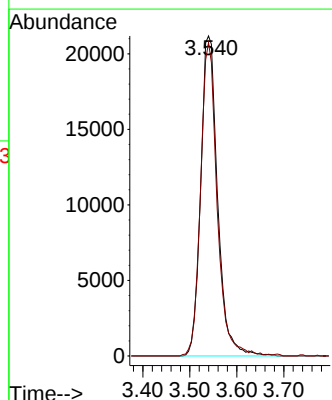
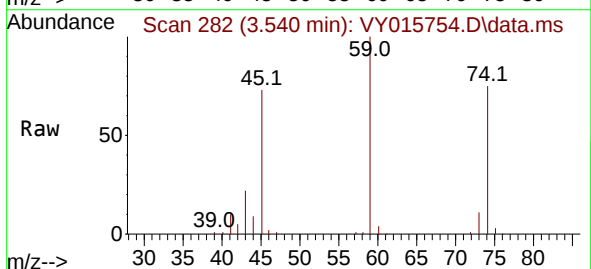
Instrument :
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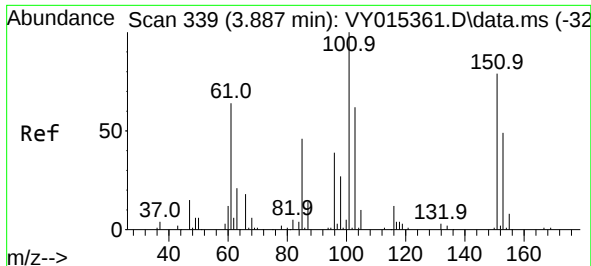
Tgt Ion:101 Resp: 124863
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.4 77.0



#8
 Diethyl Ether
 Concen: 60.074 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. 0.019 min
 Lab File: VY015754.D
 Acq: 28 Sep 2023 19:27

Tgt Ion: 74 Resp: 52921
 Ion Ratio Lower Upper
 74 100
 45 96.0 51.5 154.5

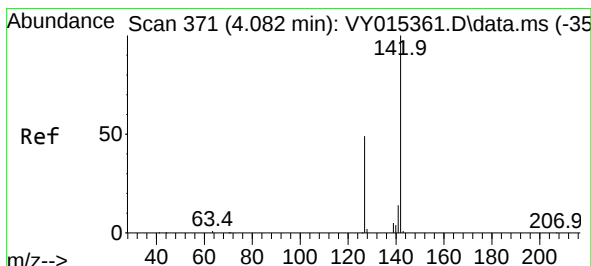
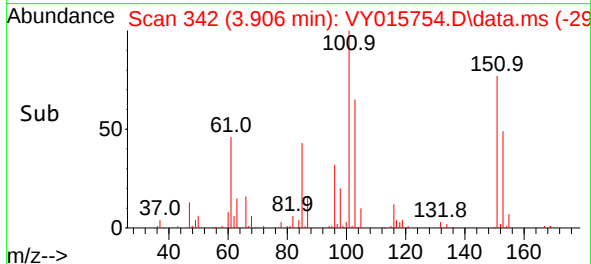
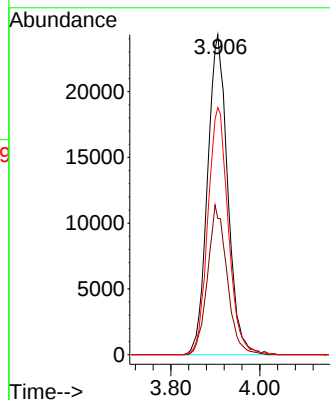
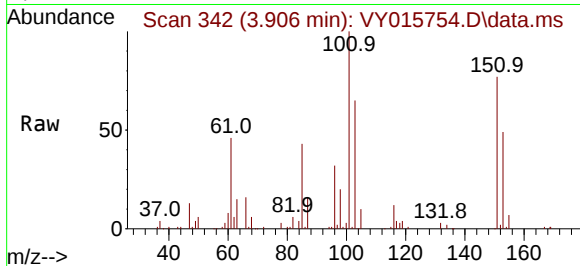




#9
1,1,2-Trichlorotrifluoroethane
Concen: 59.256 ug/l
RT: 3.906 min Scan# 341
Delta R.T. 0.013 min
Lab File: VY015754.D
Acq: 28 Sep 2023 19:27

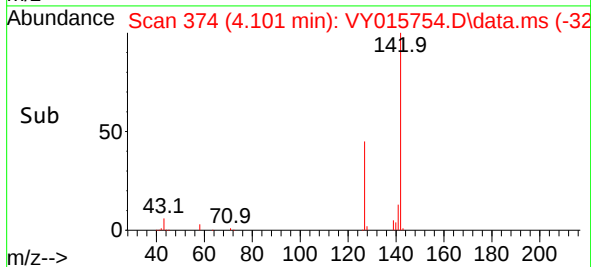
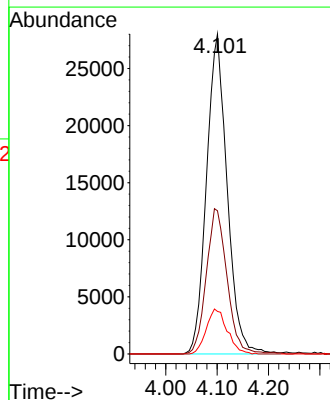
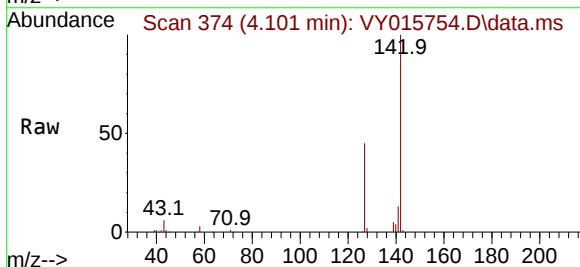
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

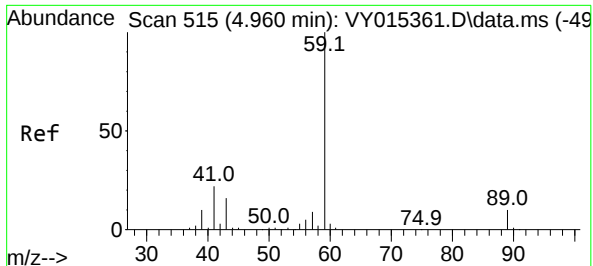
Tgt Ion:101 Resp: 76643
Ion Ratio Lower Upper
101 100
85 45.1 36.6 55.0
151 78.1 67.0 100.6



#10
Methyl Iodide
Concen: 51.255 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.019 min
Lab File: VY015754.D
Acq: 28 Sep 2023 19:27

Tgt Ion:142 Resp: 78067
Ion Ratio Lower Upper
142 100
127 45.6 37.6 56.4
141 14.2 11.8 17.8





#11

Tert butyl alcohol

Concen: 344.727 ug/l

RT: 5.033 min Scan# 51

Delta R.T. 0.079 min

Lab File: VY015754.D

Acq: 28 Sep 2023 19:27

Instrument :

MSVOA_Y

ClientSampleId :

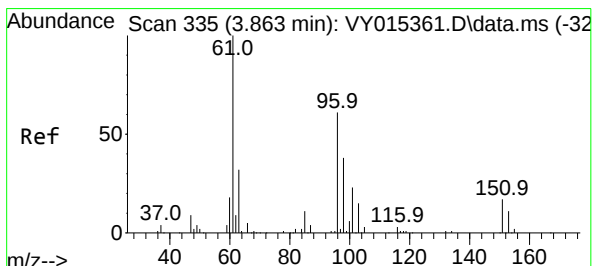
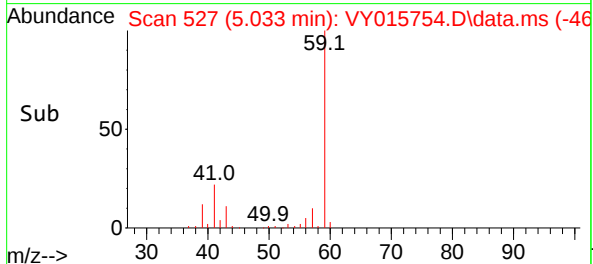
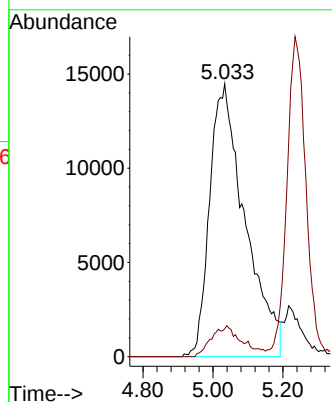
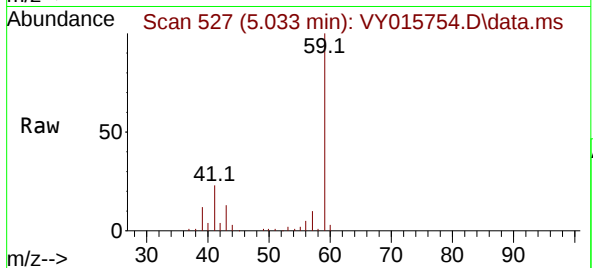
VSTDCCC050EC

Tgt Ion: 59 Resp: 101603

Ion Ratio Lower Upper

59 100

57 9.9 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 57.178 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.012 min

Lab File: VY015754.D

Acq: 28 Sep 2023 19:27

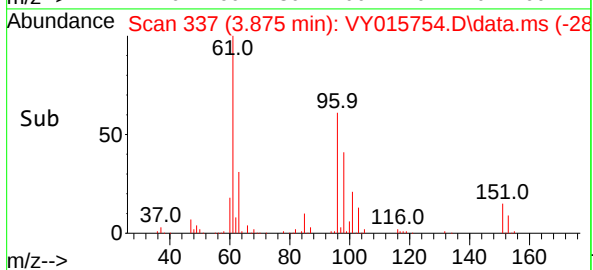
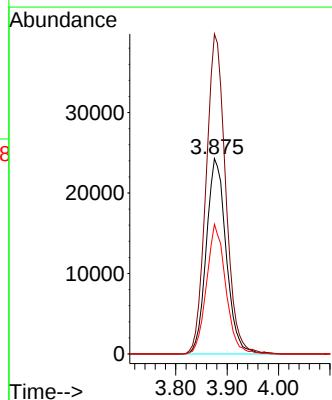
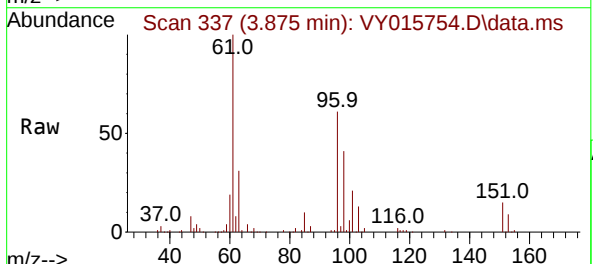
Tgt Ion: 96 Resp: 65168

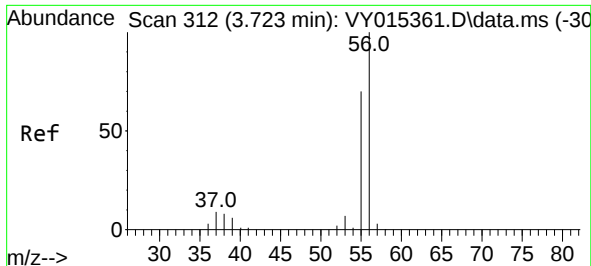
Ion Ratio Lower Upper

96 100

61 163.8 136.4 204.6

98 66.4 49.4 74.2





#13

Acrolein

Concen: 272.099 ug/l

RT: 3.747 min Scan# 316

Delta R.T. 0.024 min

Lab File: VY015754.D

Acq: 28 Sep 2023 19:27

Instrument :

MSVOA_Y

ClientSampleId :

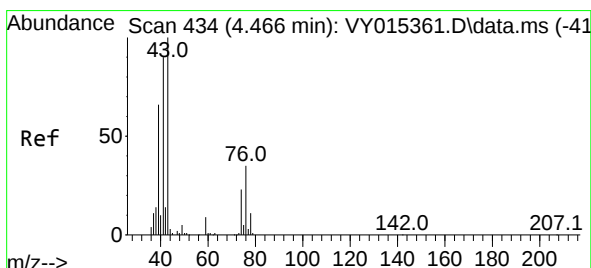
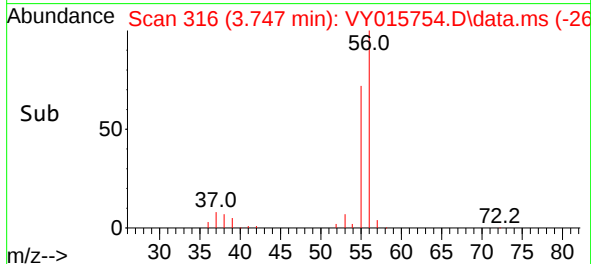
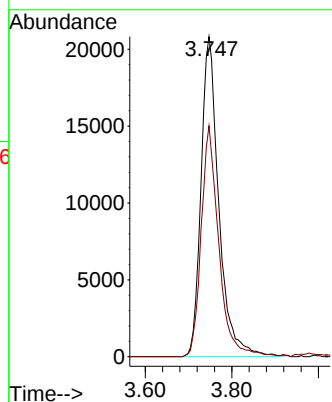
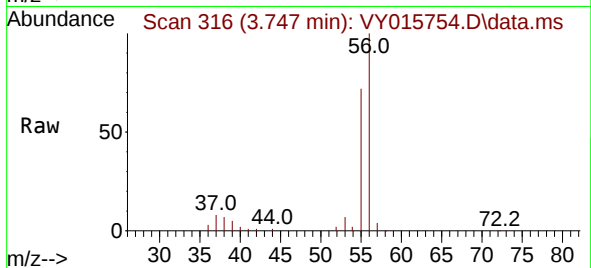
VSTDCCC050EC

Tgt Ion: 56 Resp: 59399

Ion Ratio Lower Upper

56 100

55 71.3 57.0 85.4



#14

Allyl chloride

Concen: 59.479 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.019 min

Lab File: VY015754.D

Acq: 28 Sep 2023 19:27

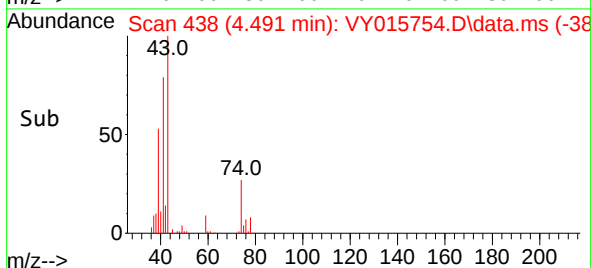
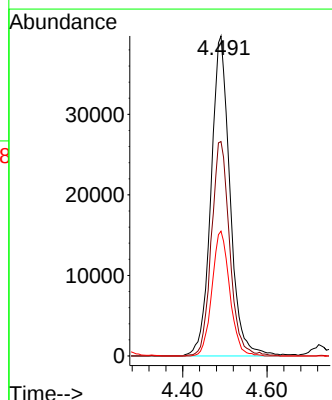
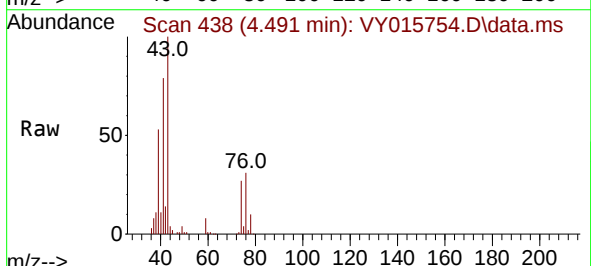
Tgt Ion: 41 Resp: 123945

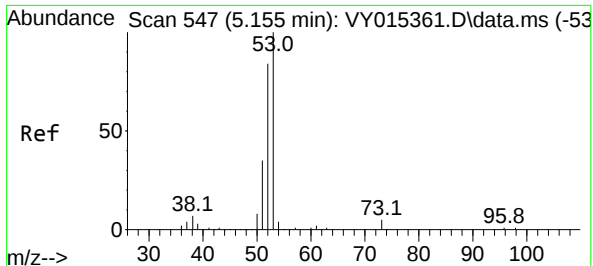
Ion Ratio Lower Upper

41 100

39 64.7 58.0 87.0

76 36.5 27.4 41.2





#15

Acrylonitrile

Concen: 341.637 ug/l

RT: 5.186 min Scan# 51

Delta R.T. 0.025 min

Lab File: VY015754.D

Acq: 28 Sep 2023 19:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

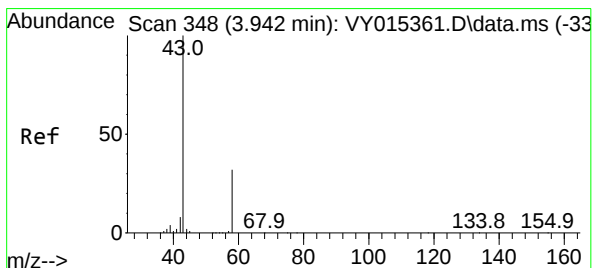
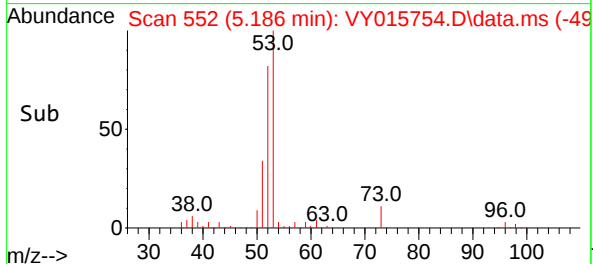
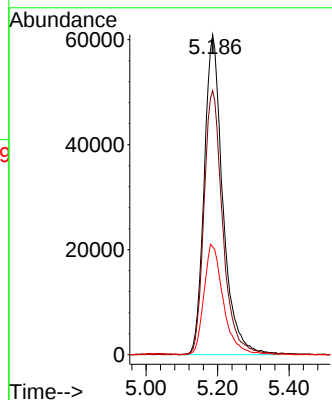
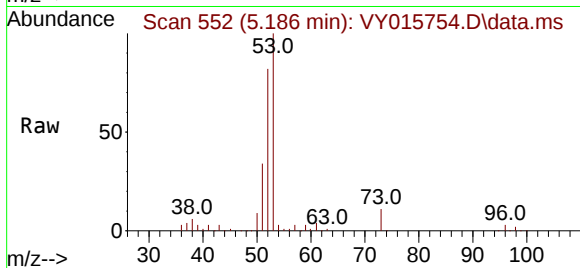
Tgt Ion: 53 Resp: 220779

Ion Ratio Lower Upper

53 100

52 82.9 66.9 100.3

51 35.4 29.8 44.6



#16

Acetone

Concen: 268.607 ug/l

RT: 3.979 min Scan# 354

Delta R.T. 0.037 min

Lab File: VY015754.D

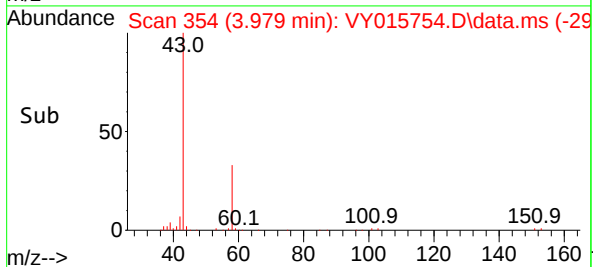
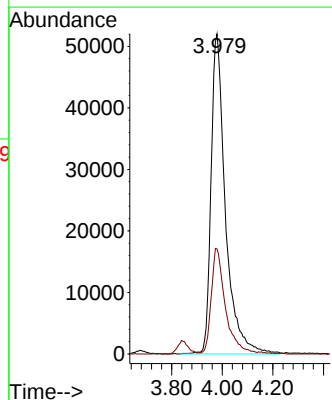
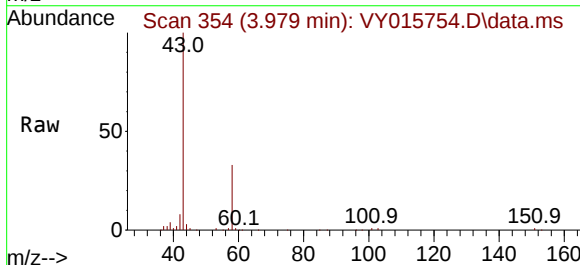
Acq: 28 Sep 2023 19:27

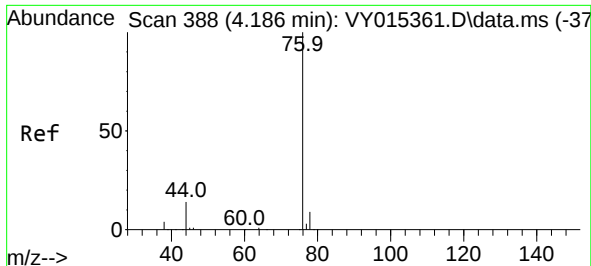
Tgt Ion: 43 Resp: 204898

Ion Ratio Lower Upper

43 100

58 32.6 22.7 34.1

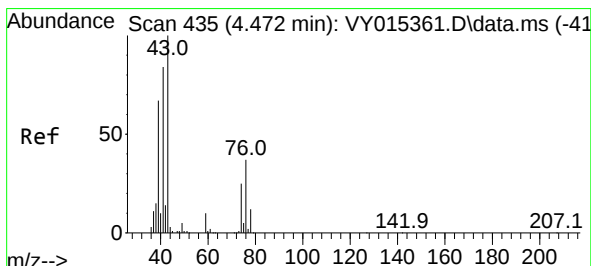
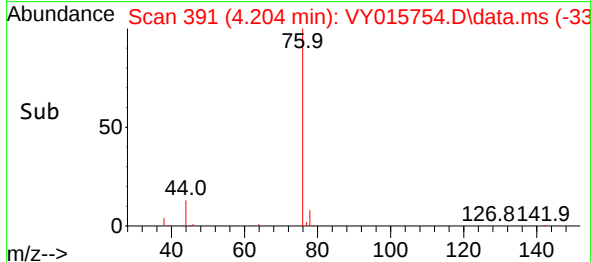
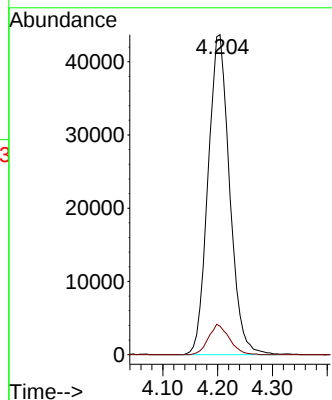
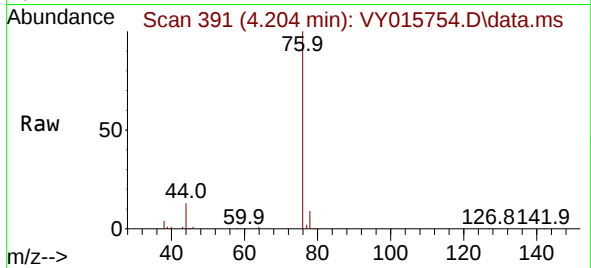




#17
Carbon Disulfide
Concen: 53.893 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.018 min
Lab File: VY015754.D
Acq: 28 Sep 2023 19:27

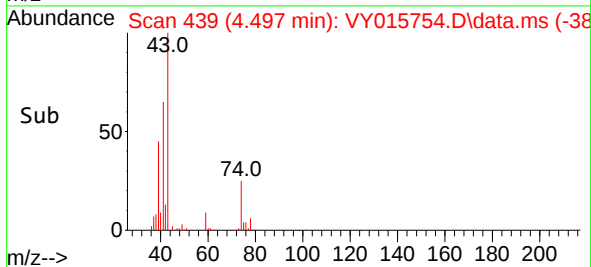
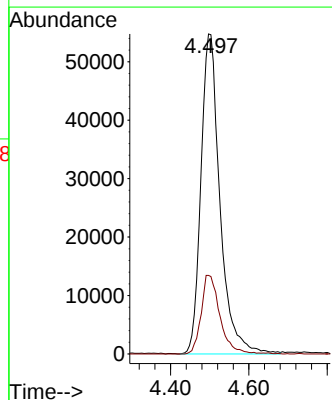
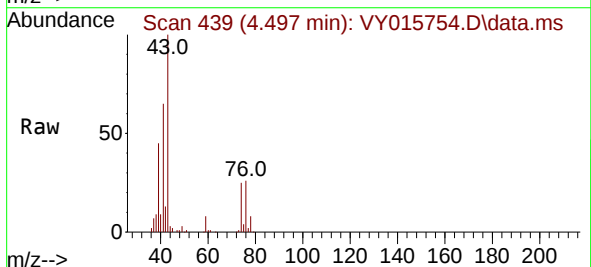
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 119326
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4



#18
Methyl Acetate
Concen: 72.271 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.025 min
Lab File: VY015754.D
Acq: 28 Sep 2023 19:27

Tgt Ion: 43 Resp: 184970
Ion Ratio Lower Upper
43 100
74 24.1 17.4 26.0

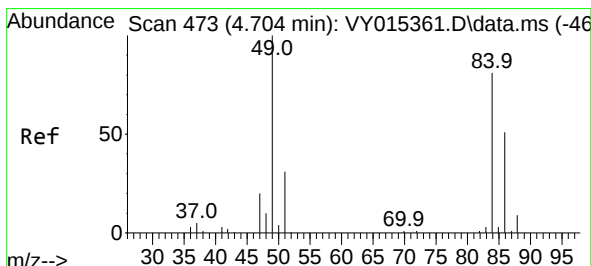
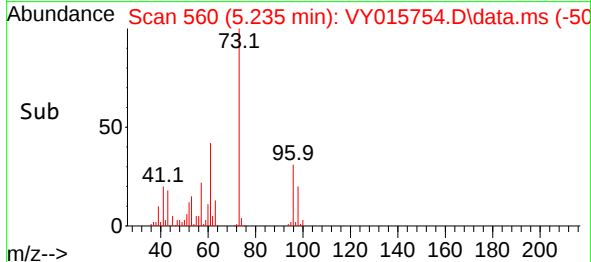
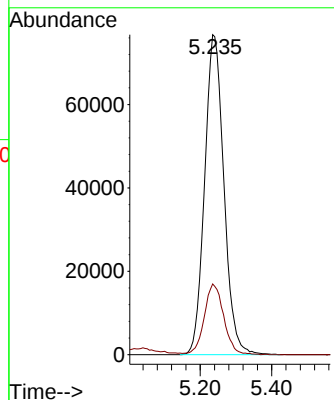
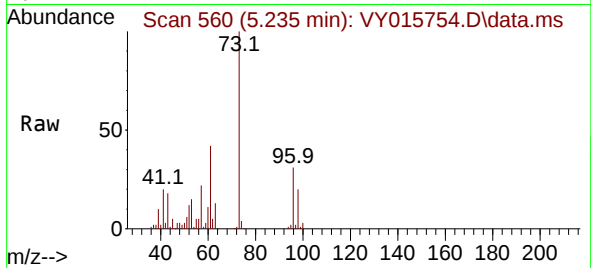




#19
Methyl tert-butyl Ether
Concen: 61.839 ug/l
RT: 5.235 min Scan# 5
Delta R.T. 0.025 min
Lab File: VY015754.D
Acq: 28 Sep 2023 19:27

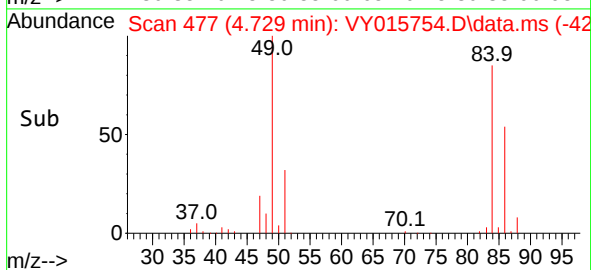
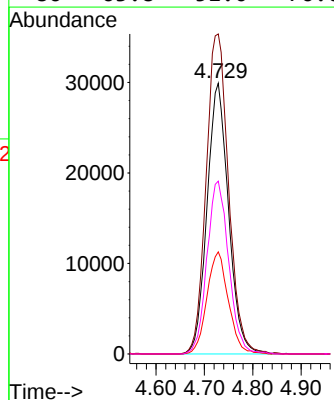
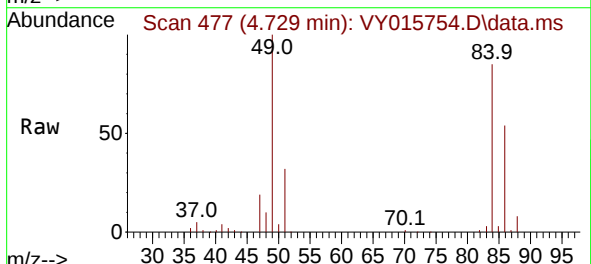
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 287057
Ion Ratio Lower Upper
73 100
57 22.1 17.3 25.9



#20
Methylene Chloride
Concen: 55.852 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.025 min
Lab File: VY015754.D
Acq: 28 Sep 2023 19:27

Tgt Ion: 84 Resp: 92359
Ion Ratio Lower Upper
84 100
49 118.2 106.9 160.3
51 37.7 33.2 49.8
86 63.8 51.0 76.6

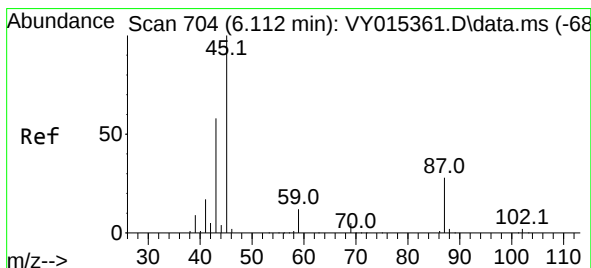
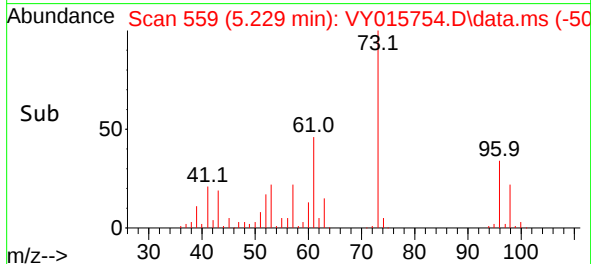
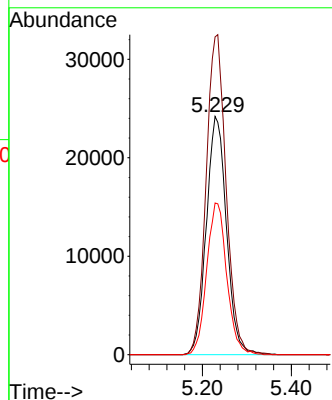
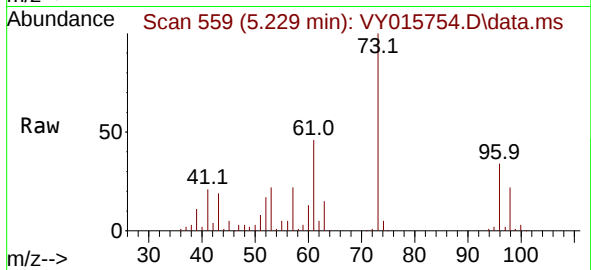




#21
trans-1,2-Dichloroethene
Concen: 58.489 ug/l
RT: 5.229 min Scan# 51
Delta R.T. 0.019 min
Lab File: VY015754.D
Acq: 28 Sep 2023 19:27

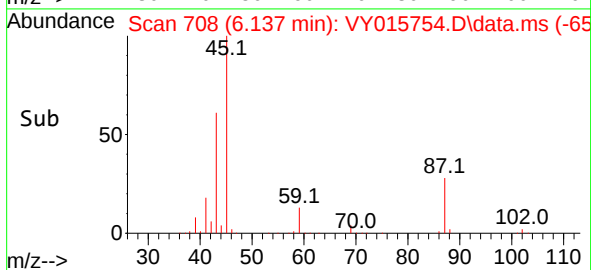
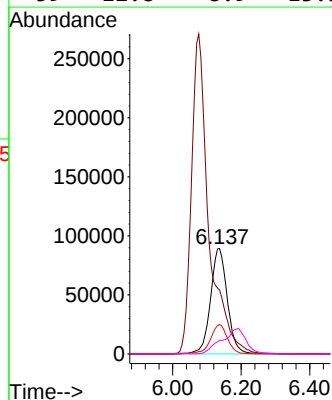
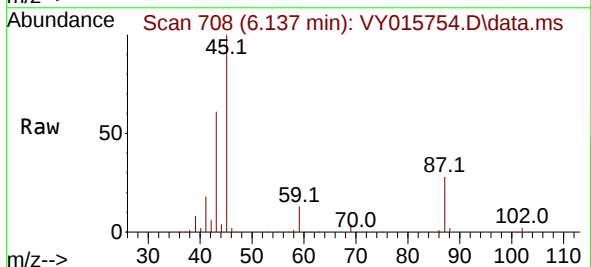
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

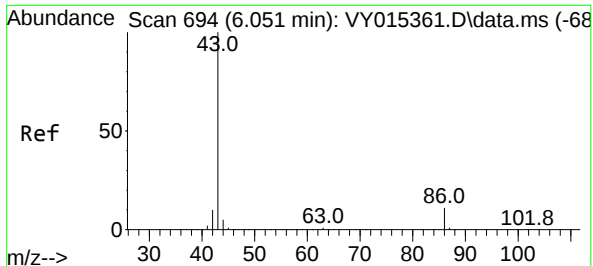
Tgt Ion: 96 Resp: 76195
Ion Ratio Lower Upper
96 100
61 133.4 110.2 165.4
98 63.7 51.8 77.6



#22
Diisopropyl ether
Concen: 60.451 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.025 min
Lab File: VY015754.D
Acq: 28 Sep 2023 19:27

Tgt Ion: 45 Resp: 303162
Ion Ratio Lower Upper
45 100
43 60.4 52.2 78.4
87 28.0 21.0 31.6
59 12.8 8.9 13.3

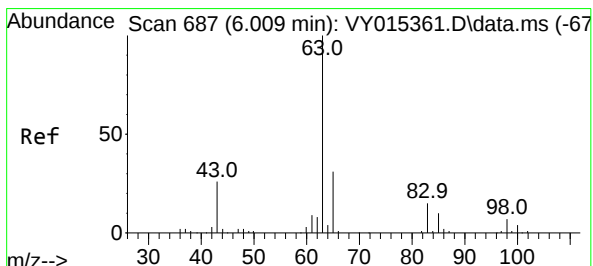
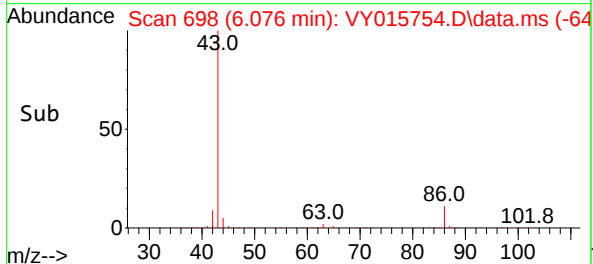
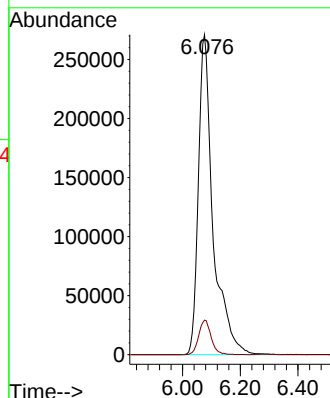
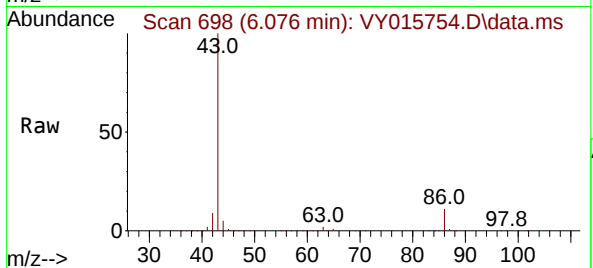




#23
 Vinyl Acetate
 Concen: 308.345 ug/l
 RT: 6.076 min Scan# 694
 Delta R.T. 0.025 min
 Lab File: VY015754.D
 Acq: 28 Sep 2023 19:27

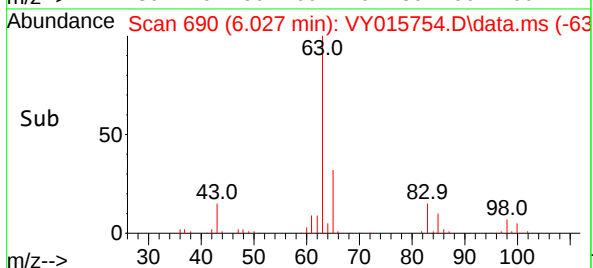
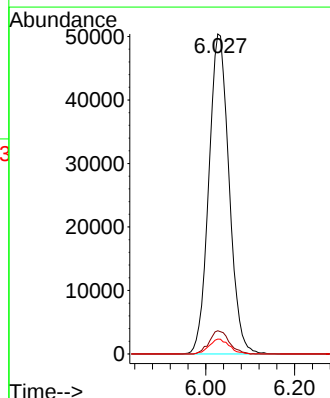
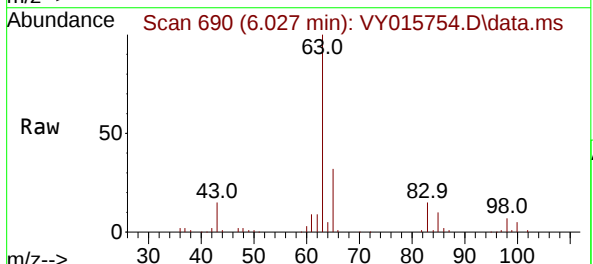
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

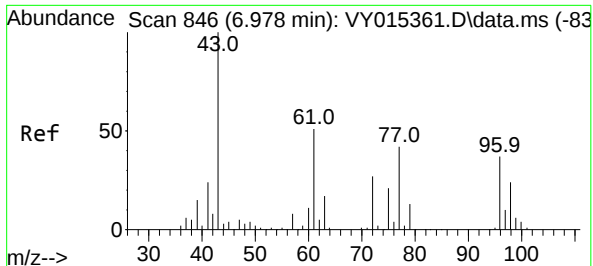
Tgt Ion: 43 Resp: 954457
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 58.330 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.024 min
 Lab File: VY015754.D
 Acq: 28 Sep 2023 19:27

Tgt Ion: 63 Resp: 159445
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.1 9.4
 100 4.7 1.8 5.5





#25

2-Butanone

Concen: 304.382 ug/l

RT: 7.009 min Scan# 81

Delta R.T. 0.031 min

Lab File: VY015754.D

Acq: 28 Sep 2023 19:27

Instrument :

MSVOA_Y

ClientSampleId :

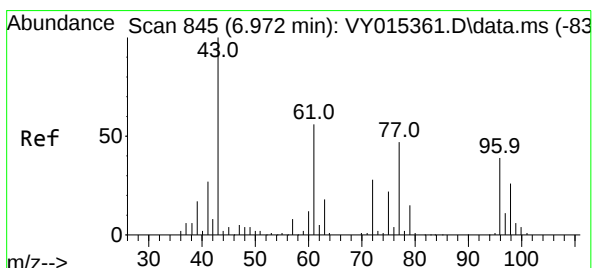
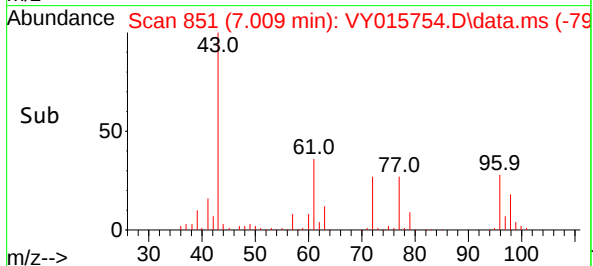
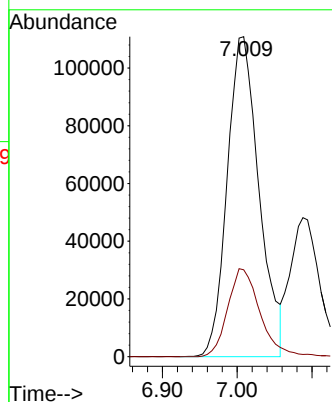
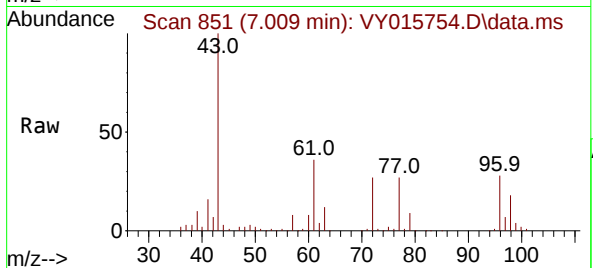
VSTDCCC050EC

Tgt Ion: 43 Resp: 328189

Ion Ratio Lower Upper

43 100

72 27.2 20.5 30.7



#26

2,2-Dichloropropane

Concen: 52.136 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.018 min

Lab File: VY015754.D

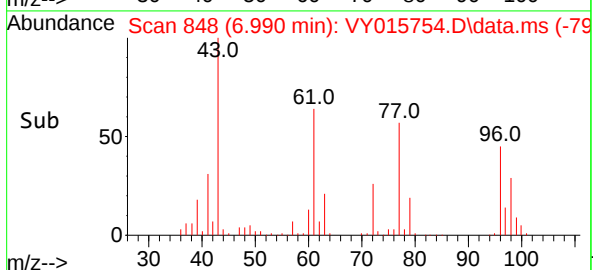
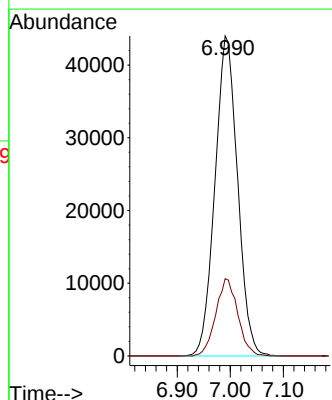
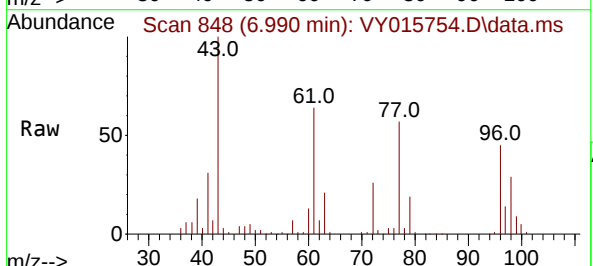
Acq: 28 Sep 2023 19:27

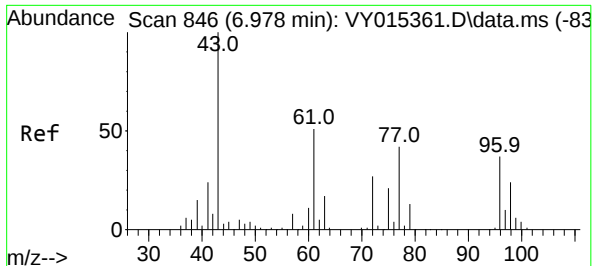
Tgt Ion: 77 Resp: 130257

Ion Ratio Lower Upper

77 100

97 23.5 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 58.888 ug/l

RT: 6.996 min Scan# 846

Delta R.T. 0.018 min

Lab File: VY015754.D

Acq: 28 Sep 2023 19:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

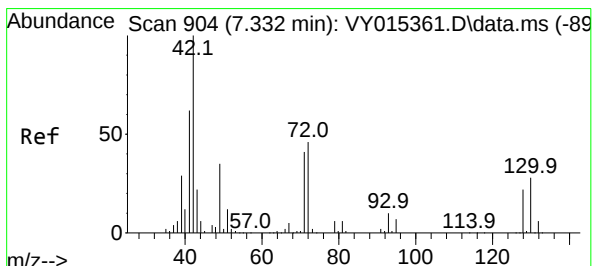
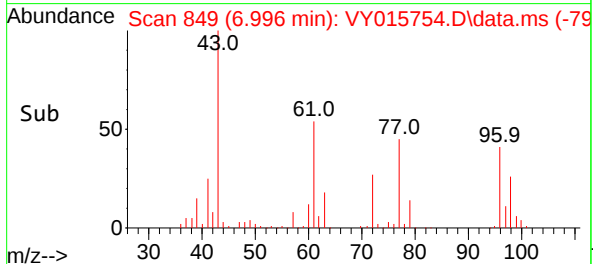
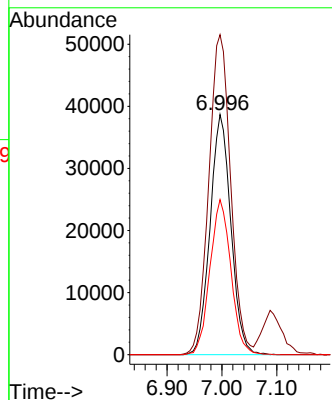
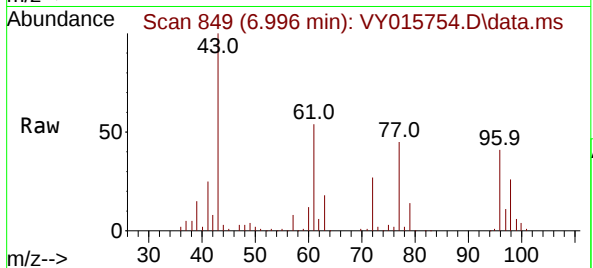
Tgt Ion: 96 Resp: 101844

Ion Ratio Lower Upper

96 100

61 140.1 0.0 301.4

98 65.0 0.0 130.4



#28

Bromochloromethane

Concen: 51.741 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.018 min

Lab File: VY015754.D

Acq: 28 Sep 2023 19:27

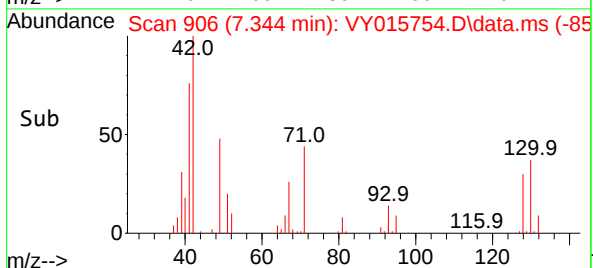
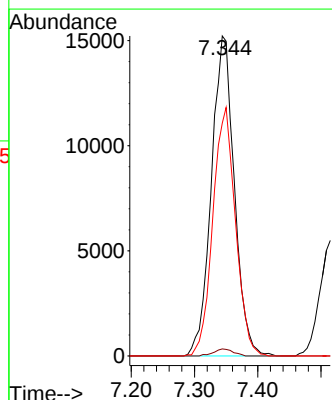
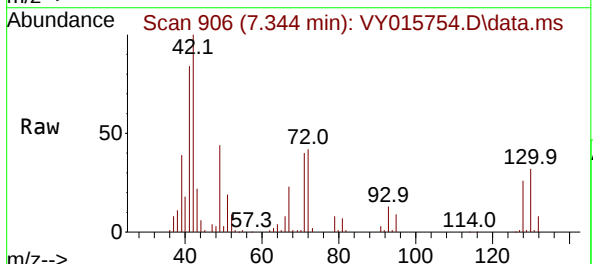
Tgt Ion: 49 Resp: 38372

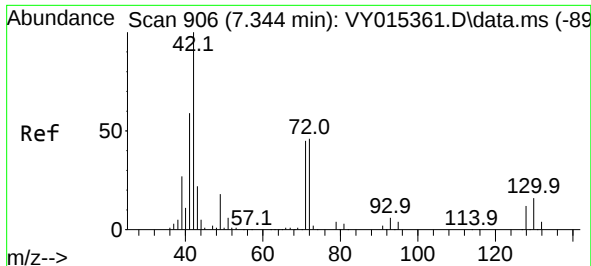
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.6

130 76.5 60.7 91.1





#29

Tetrahydrofuran

Concen: 357.541 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.024 min

Lab File: VY015754.D

Acq: 28 Sep 2023 19:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

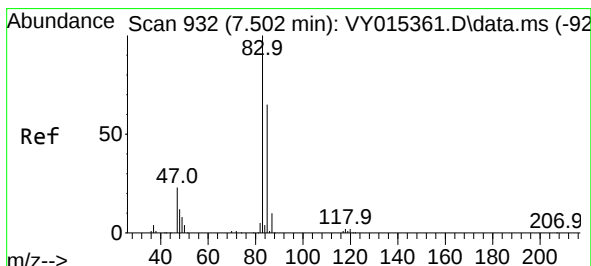
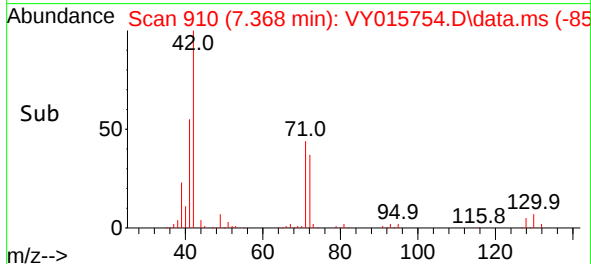
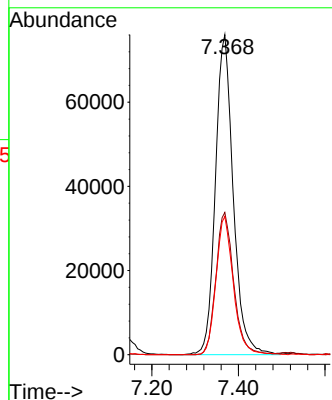
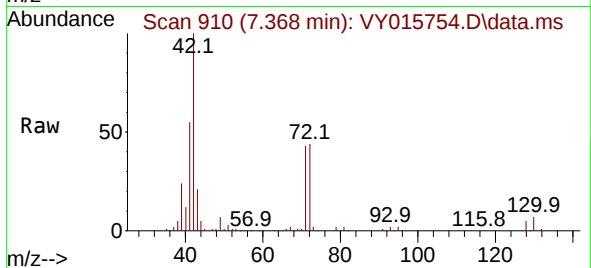
Tgt Ion: 42 Resp: 217892

Ion Ratio Lower Upper

42 100

72 44.4 32.8 49.2

71 42.1 31.0 46.4



#30

Chloroform

Concen: 59.699 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.019 min

Lab File: VY015754.D

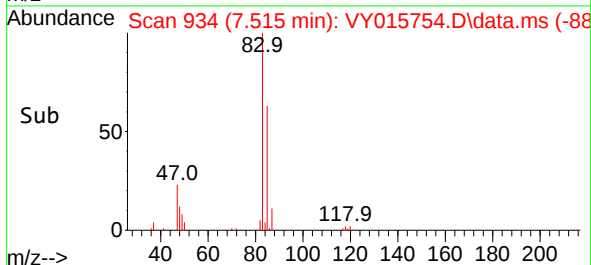
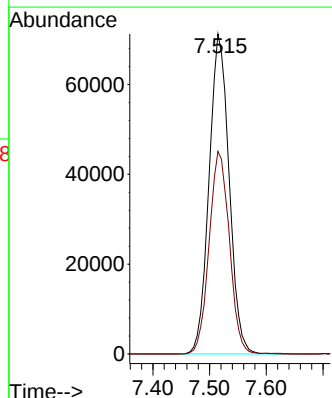
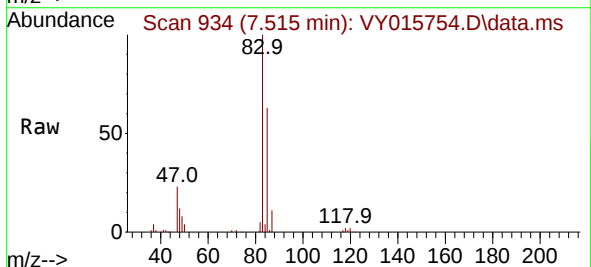
Acq: 28 Sep 2023 19:27

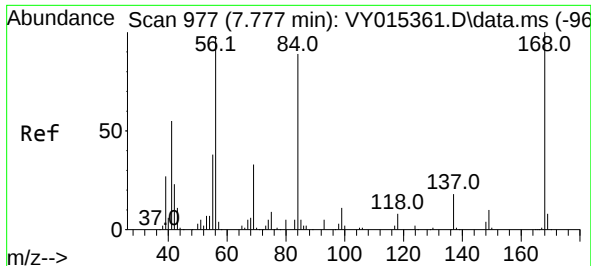
Tgt Ion: 83 Resp: 174756

Ion Ratio Lower Upper

83 100

85 63.3 49.7 74.5

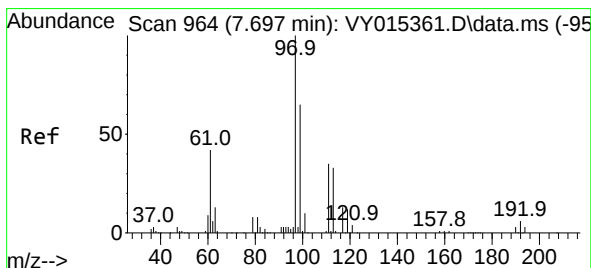
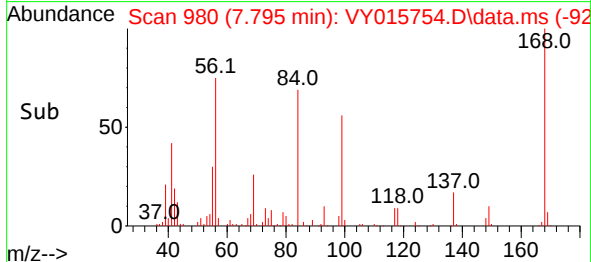
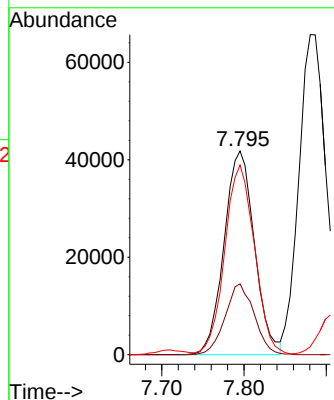
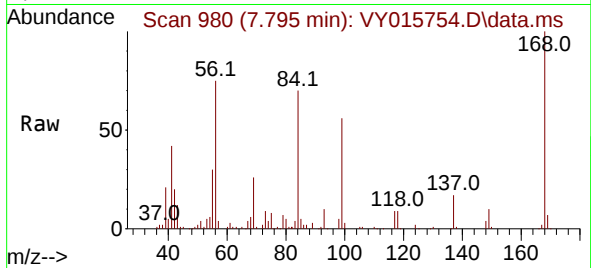




#31
Cyclohexane
Concen: 54.457 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015754.D
Acq: 28 Sep 2023 19:27

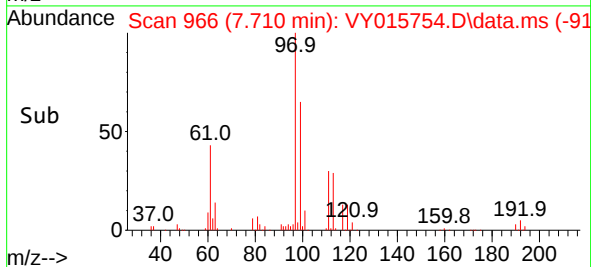
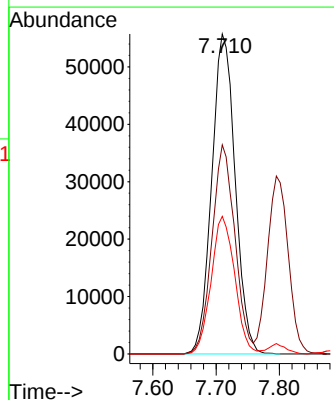
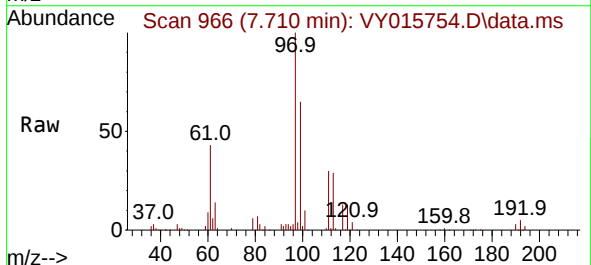
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

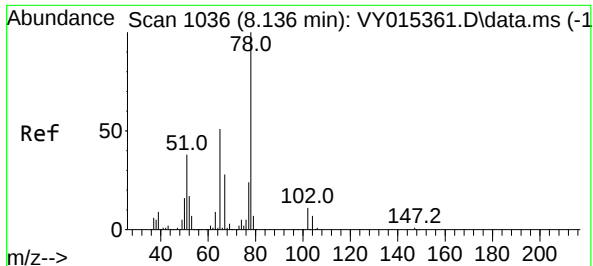
Tgt Ion: 56 Resp: 107532
Ion Ratio Lower Upper
56 100
69 34.8 27.8 41.6
84 91.4 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 59.284 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.019 min
Lab File: VY015754.D
Acq: 28 Sep 2023 19:27

Tgt Ion: 97 Resp: 143263
Ion Ratio Lower Upper
97 100
99 64.2 50.8 76.2
61 43.2 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 56.007 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.013 min

Lab File: VY015754.D

Acq: 28 Sep 2023 19:27

Instrument :

MSVOA_Y

ClientSampleId :

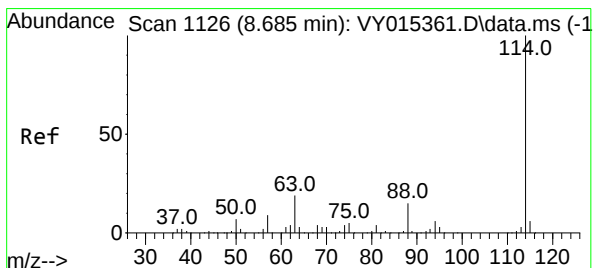
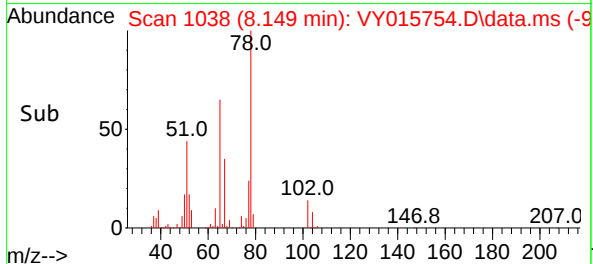
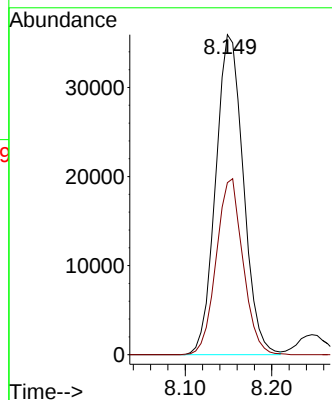
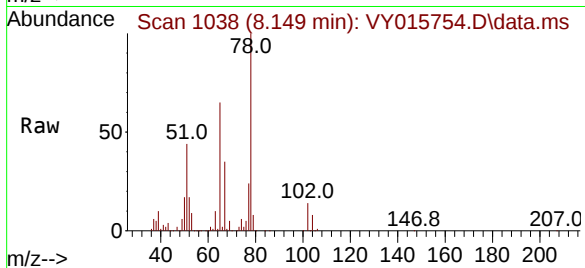
VSTDCCC050EC

Tgt Ion: 65 Resp: 79833

Ion Ratio Lower Upper

65 100

67 53.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VY015754.D

Acq: 28 Sep 2023 19:27

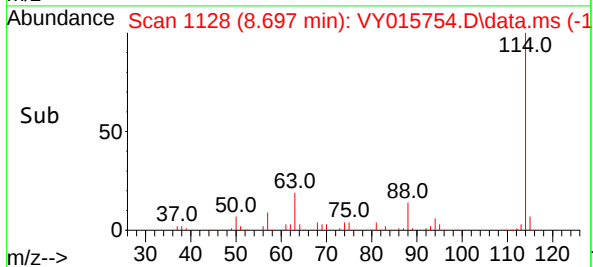
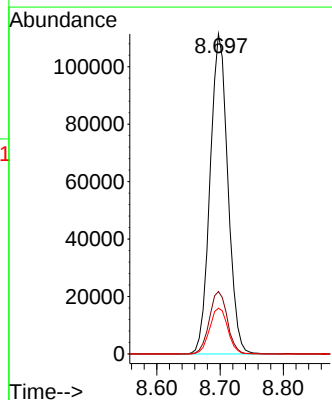
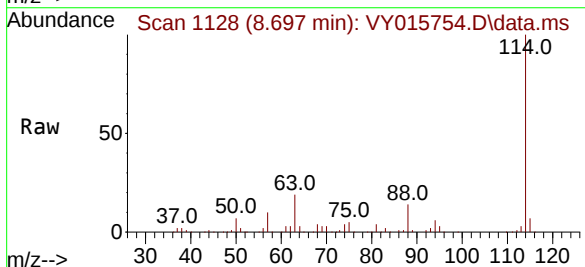
Tgt Ion: 114 Resp: 217309

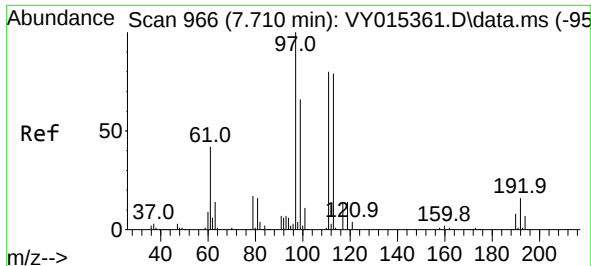
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 14.3 0.0 30.6

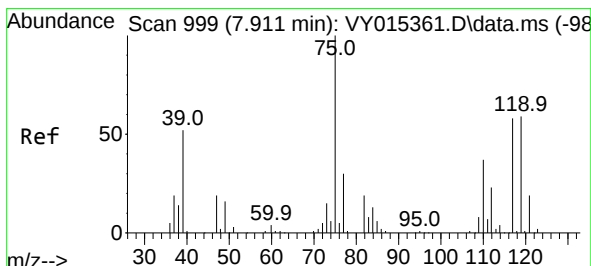
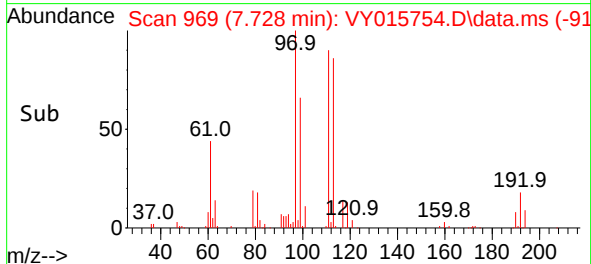
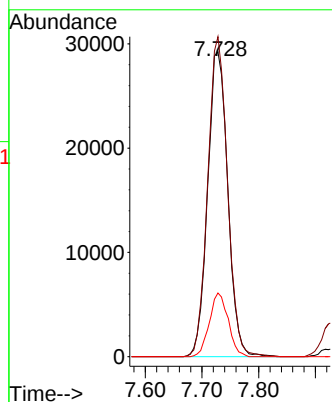
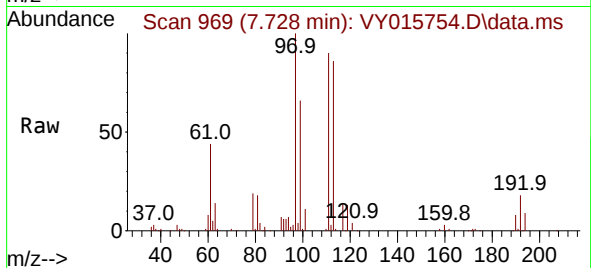




#35
Dibromofluoromethane
Concen: 55.475 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015754.D
Acq: 28 Sep 2023 19:27

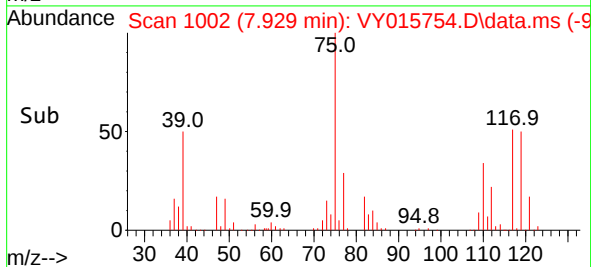
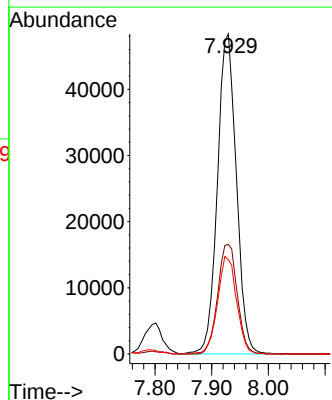
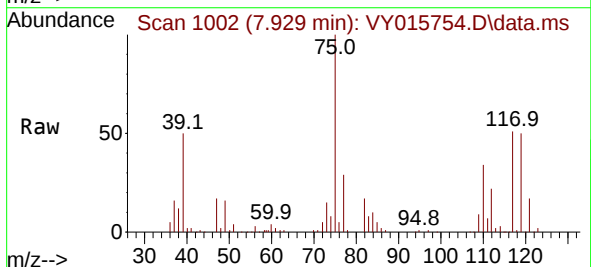
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

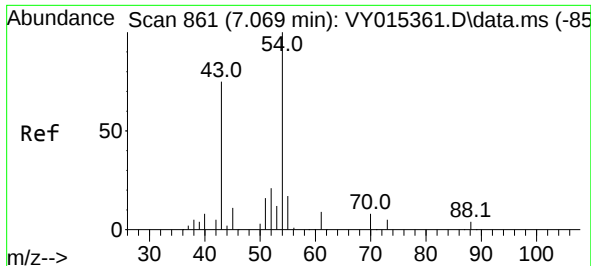
Tgt Ion:113 Resp: 72155
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 19.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 58.213 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.018 min
Lab File: VY015754.D
Acq: 28 Sep 2023 19:27

Tgt Ion: 75 Resp: 111952
Ion Ratio Lower Upper
75 100
110 35.2 17.8 53.5
77 30.6 24.4 36.6





#37

Ethyl Acetate

Concen: 71.059 ug/l

RT: 7.088 min Scan# 861

Delta R.T. 0.025 min

Lab File: VY015754.D

Acq: 28 Sep 2023 19:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

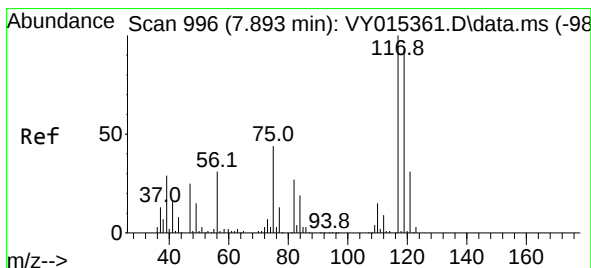
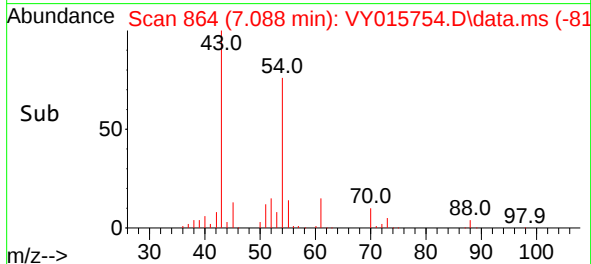
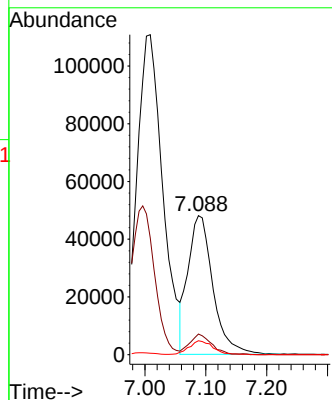
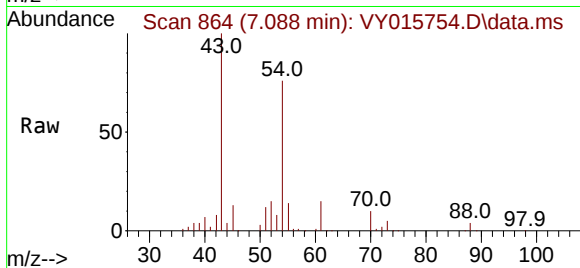
Tgt Ion: 43 Resp: 136310

Ion Ratio Lower Upper

43 100

61 13.2 10.1 15.1

70 9.7 7.1 10.7



#38

Carbon Tetrachloride

Concen: 59.889 ug/l

RT: 7.911 min Scan# 999

Delta R.T. 0.018 min

Lab File: VY015754.D

Acq: 28 Sep 2023 19:27

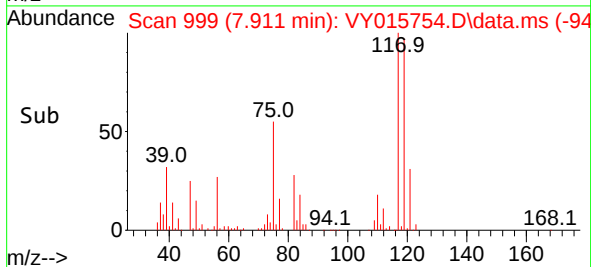
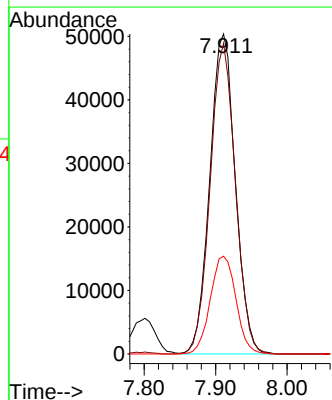
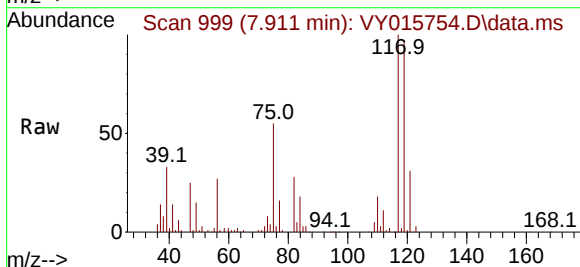
Tgt Ion: 117 Resp: 125019

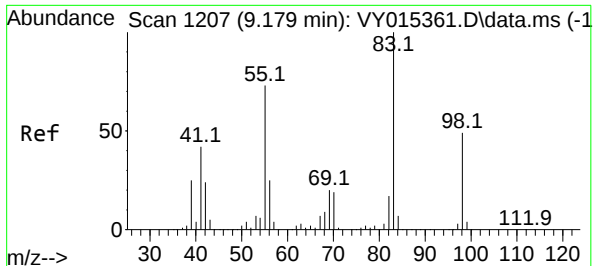
Ion Ratio Lower Upper

117 100

119 97.1 76.4 114.6

121 30.6 25.8 38.6





#39

Methylcyclohexane

Concen: 56.846 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY015754.D

Acq: 28 Sep 2023 19:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

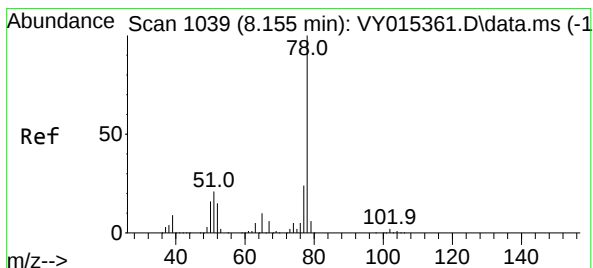
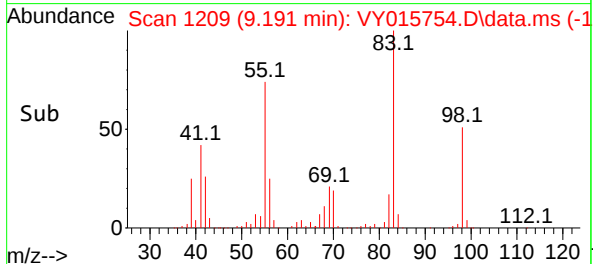
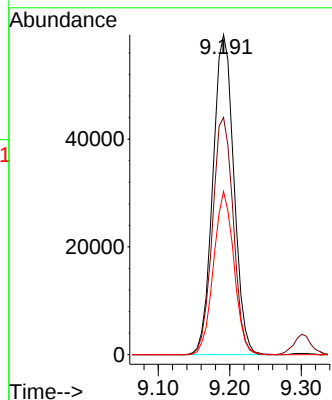
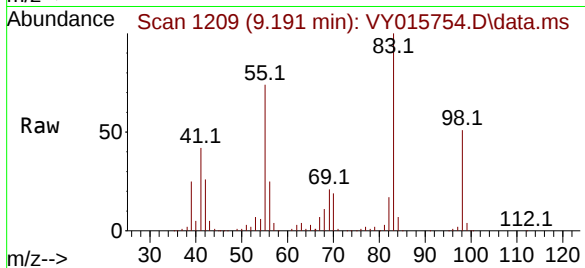
Tgt Ion: 83 Resp: 120917

Ion Ratio Lower Upper

83 100

55 74.2 63.0 94.4

98 51.0 37.4 56.2



#40

Benzene

Concen: 58.923 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.018 min

Lab File: VY015754.D

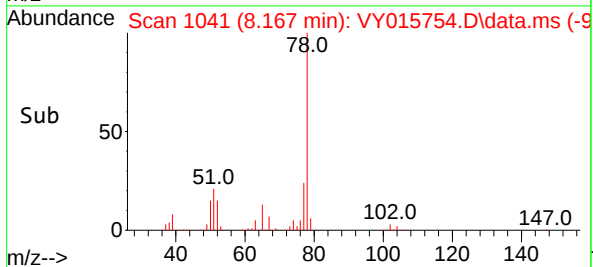
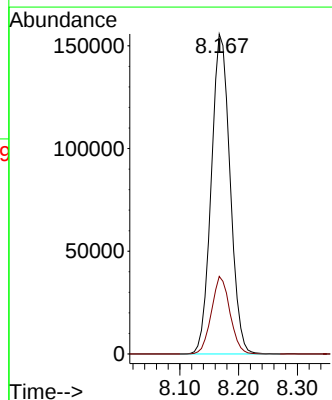
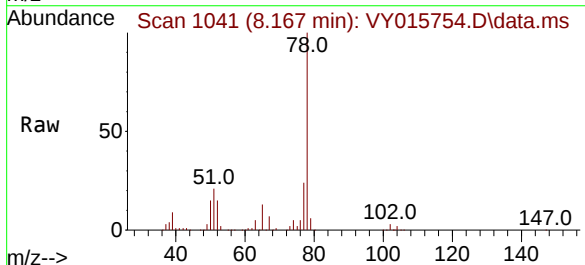
Acq: 28 Sep 2023 19:27

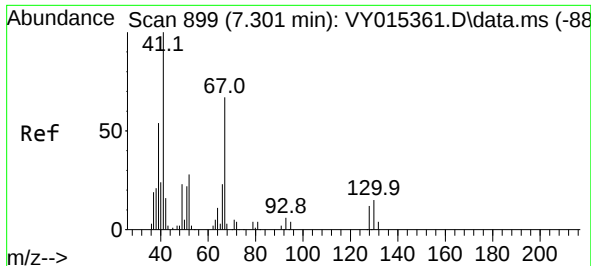
Tgt Ion: 78 Resp: 345567

Ion Ratio Lower Upper

78 100

77 24.3 19.0 28.6

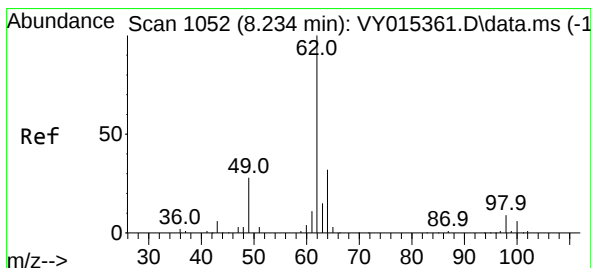
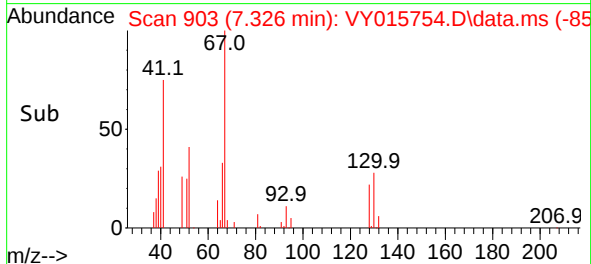
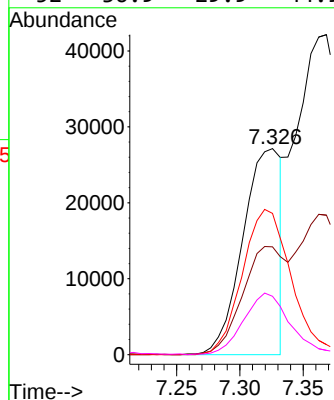
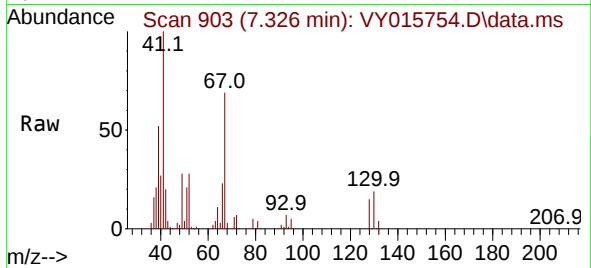




#41
Methacrylonitrile
Concen: 55.669 ug/l
RT: 7.326 min Scan# 90
Delta R.T. 0.013 min
Lab File: VY015754.D
Acq: 28 Sep 2023 19:27

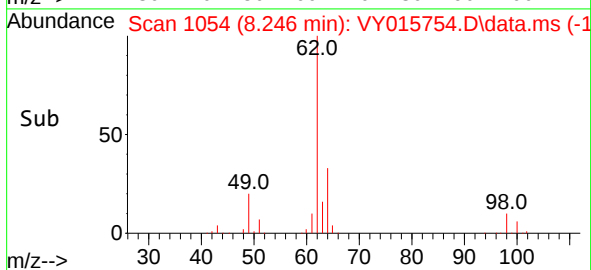
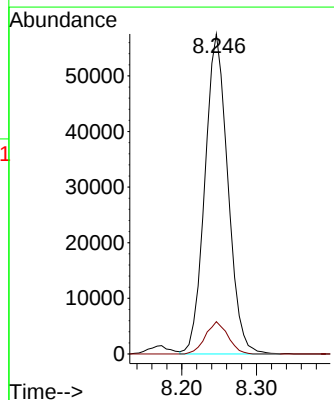
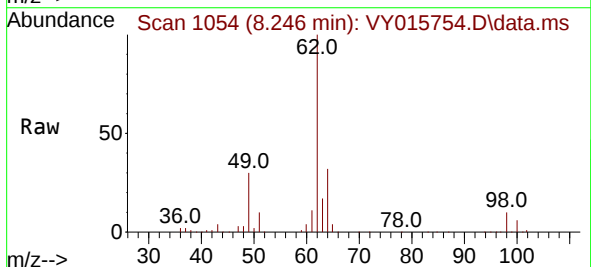
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

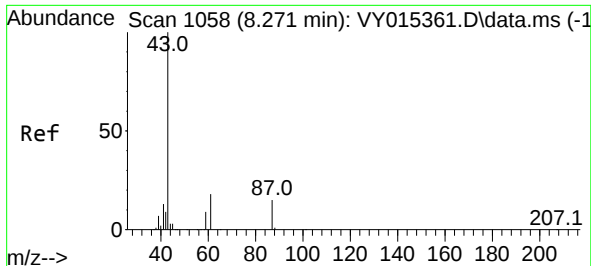
Tgt Ion:	41	Resp:	57499
Ion	Ratio	Lower	Upper
41	100		
39	60.1	52.1	78.1
67	90.3	66.2	99.2
52	36.9	29.9	44.9



#42
1,2-Dichloroethane
Concen: 61.051 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.012 min
Lab File: VY015754.D
Acq: 28 Sep 2023 19:27

Tgt Ion:	62	Resp:	122625
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	15.8

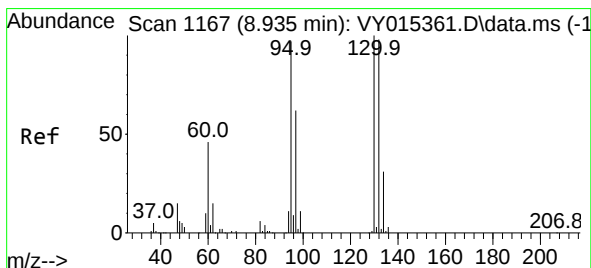
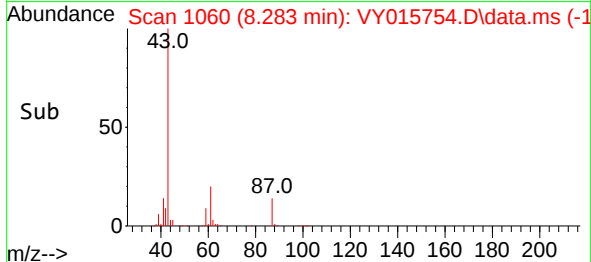
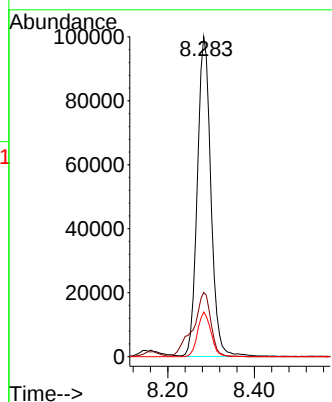
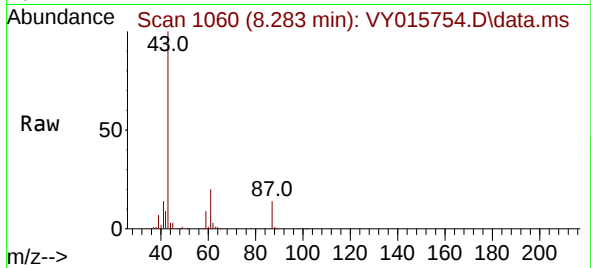




#43
Isopropyl Acetate
Concen: 66.191 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.019 min
Lab File: VY015754.D
Acq: 28 Sep 2023 19:27

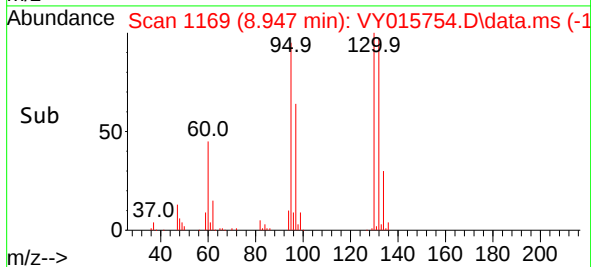
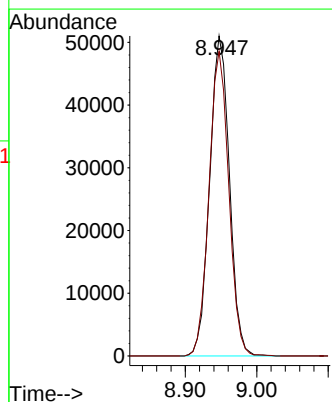
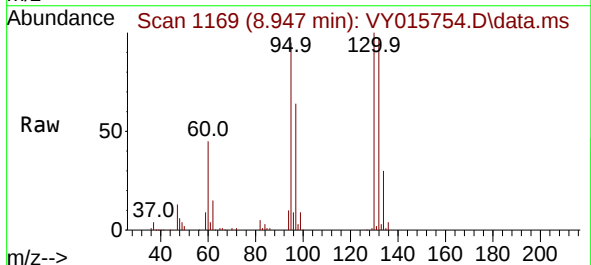
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

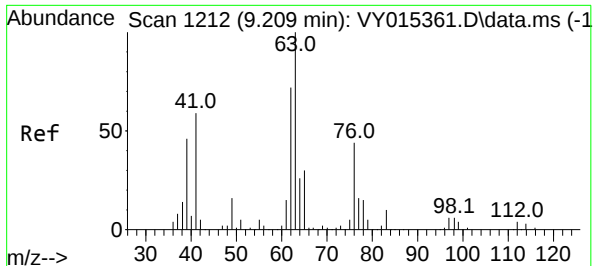
Tgt Ion: 43 Resp: 216889
Ion Ratio Lower Upper
43 100
61 26.4 21.1 31.7
87 13.8 9.8 14.8



#44
Trichloroethene
Concen: 59.877 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.012 min
Lab File: VY015754.D
Acq: 28 Sep 2023 19:27

Tgt Ion: 130 Resp: 98080
Ion Ratio Lower Upper
130 100
95 95.2 0.0 196.0





#45

1,2-Dichloropropane

Concen: 59.886 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.007 min

Lab File: VY015754.D

Acq: 28 Sep 2023 19:27

Instrument :

MSVOA_Y

ClientSampleId :

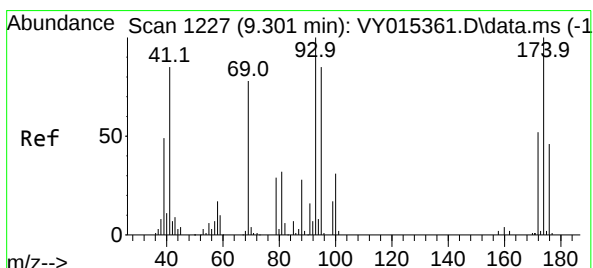
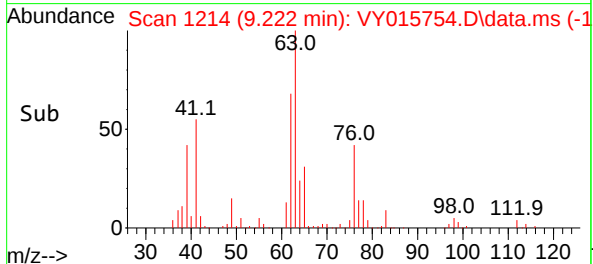
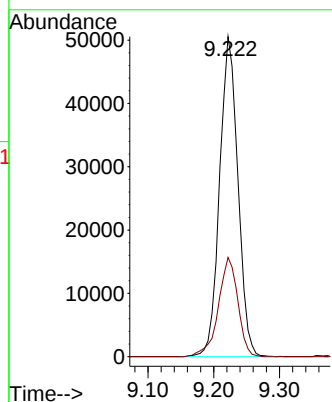
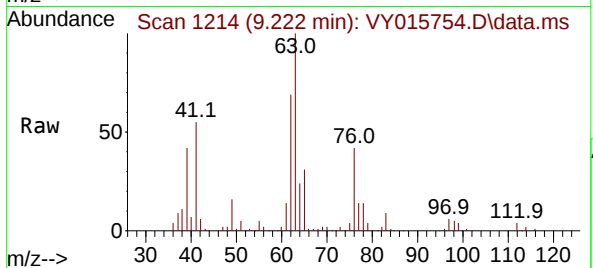
VSTDCCC050EC

Tgt Ion: 63 Resp: 97944

Ion Ratio Lower Upper

63 100

65 31.0 23.8 35.6



#46

Dibromomethane

Concen: 62.118 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.018 min

Lab File: VY015754.D

Acq: 28 Sep 2023 19:27

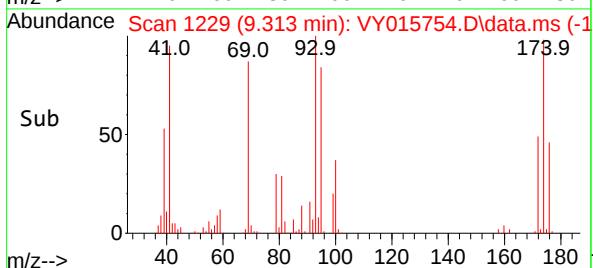
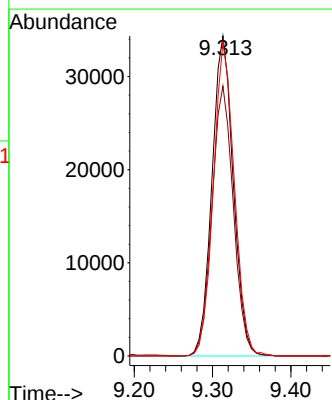
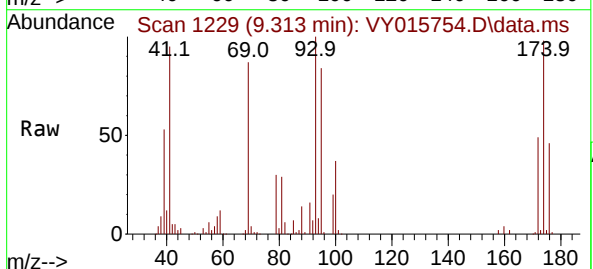
Tgt Ion: 93 Resp: 64987

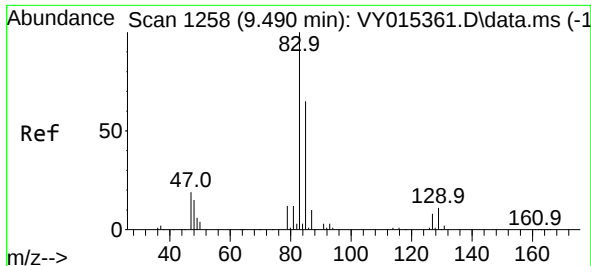
Ion Ratio Lower Upper

93 100

95 84.7 66.6 100.0

174 96.5 84.8 127.2





#47

Bromodichloromethane

Concen: 60.714 ug/l

RT: 9.502 min Scan# 1260

Delta R.T. 0.012 min

Lab File: VY015754.D

Acq: 28 Sep 2023 19:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

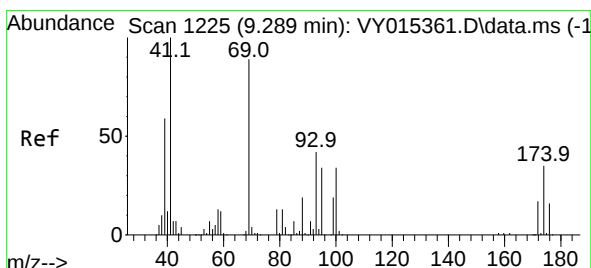
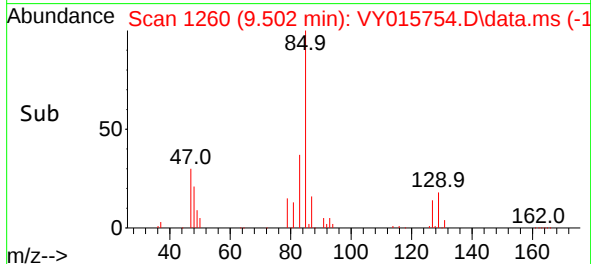
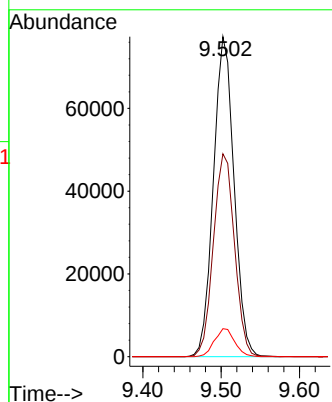
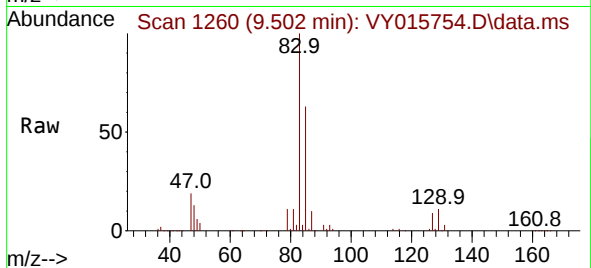
Tgt Ion: 83 Resp: 141578

Ion Ratio Lower Upper

83 100

85 63.4 50.1 75.1

127 8.8 7.1 10.7



#48

Methyl methacrylate

Concen: 66.636 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.012 min

Lab File: VY015754.D

Acq: 28 Sep 2023 19:27

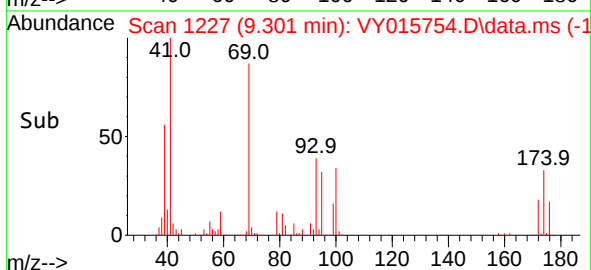
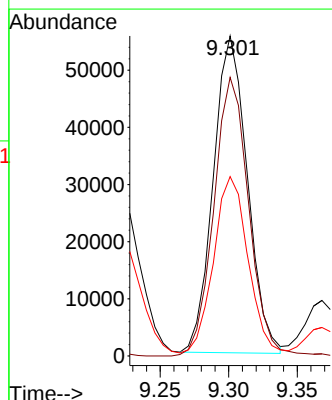
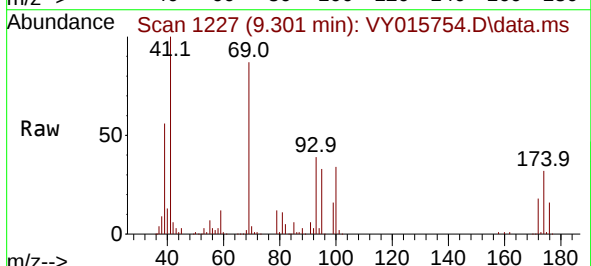
Tgt Ion: 41 Resp: 95841

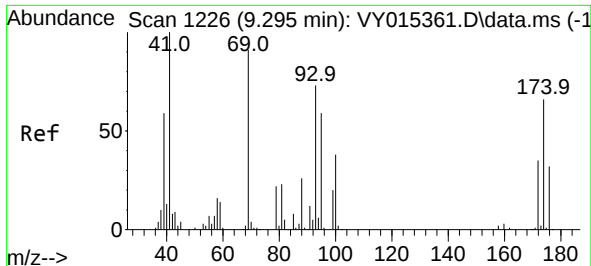
Ion Ratio Lower Upper

41 100

69 90.4 64.5 96.7

39 58.1 50.8 76.2





#49

1,4-Dioxane

Concen: 1619.063 ug/l

RT: 9.338 min Scan# 11

Delta R.T. 0.049 min

Lab File: VY015754.D

Acq: 28 Sep 2023 19:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

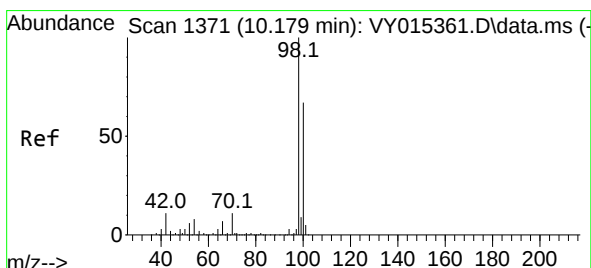
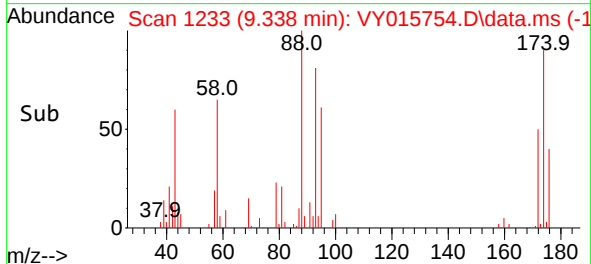
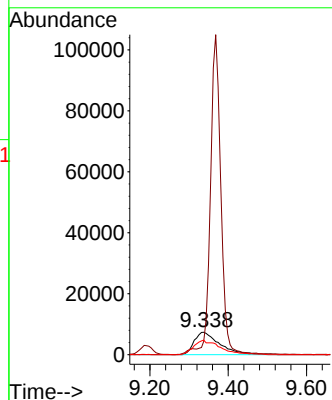
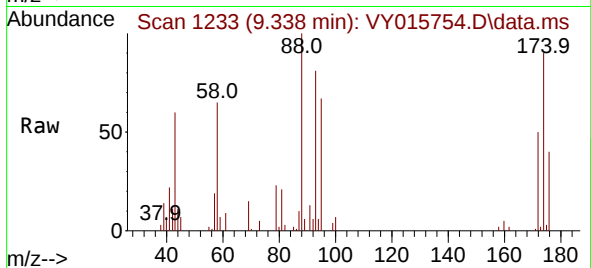
Tgt Ion: 88 Resp: 33463

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 66.6 30.9 46.3#



#50

Toluene-d8

Concen: 58.324 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY015754.D

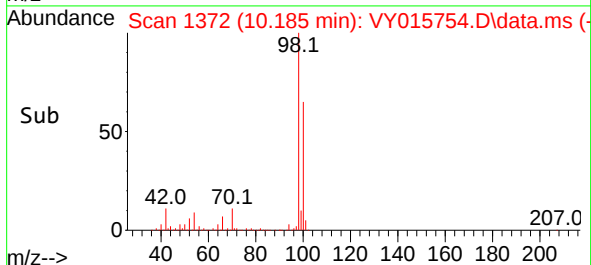
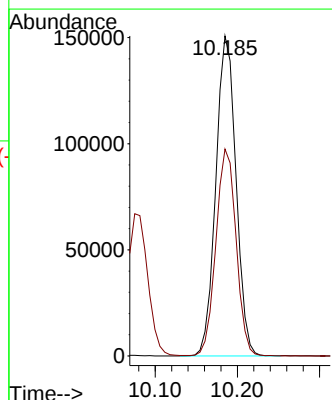
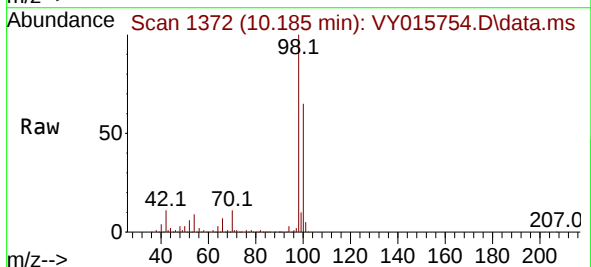
Acq: 28 Sep 2023 19:27

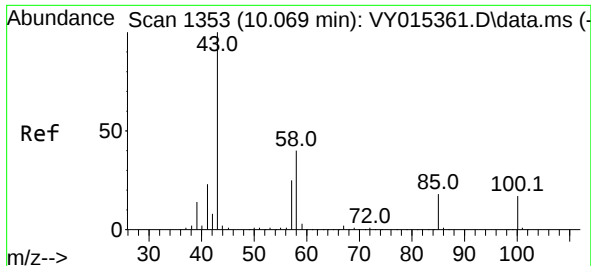
Tgt Ion: 98 Resp: 257214

Ion Ratio Lower Upper

98 100

100 64.8 50.1 75.1

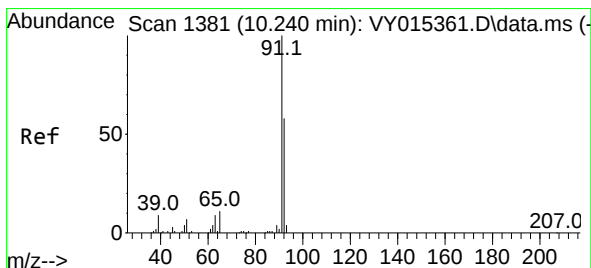
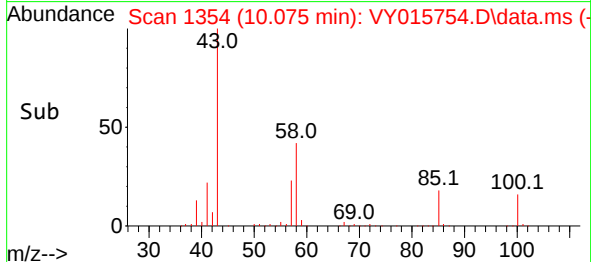
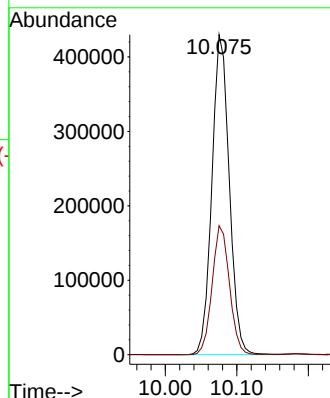
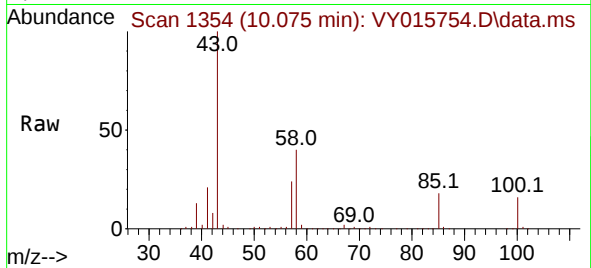




#51
4-Methyl-2-Pentanone
Concen: 356.932 ug/l
RT: 10.075 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015754.D
Acq: 28 Sep 2023 19:27

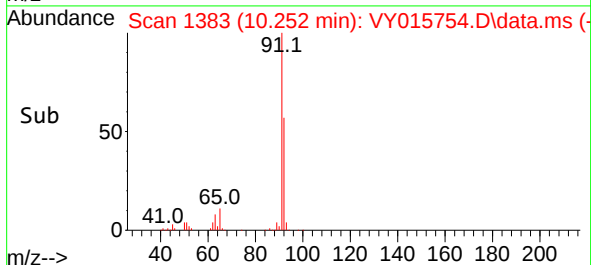
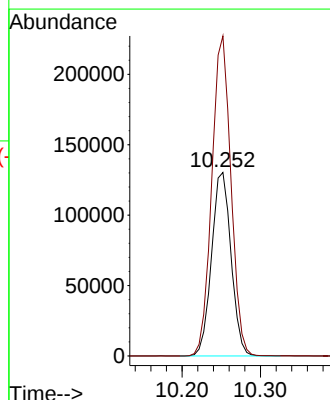
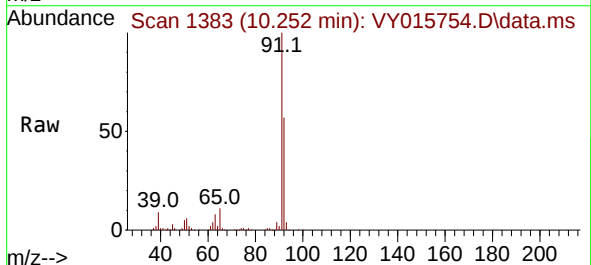
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

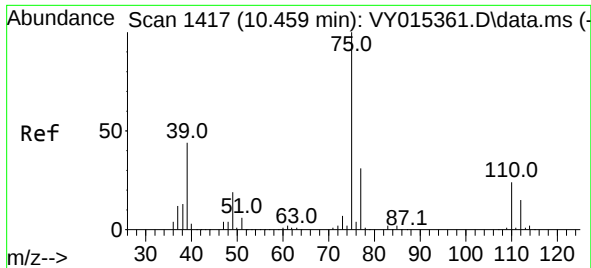
Tgt Ion: 43 Resp: 724920
Ion Ratio Lower Upper
43 100
58 40.3 29.0 43.6



#52
Toluene
Concen: 59.468 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.012 min
Lab File: VY015754.D
Acq: 28 Sep 2023 19:27

Tgt Ion: 92 Resp: 224845
Ion Ratio Lower Upper
92 100
91 171.5 143.8 215.6

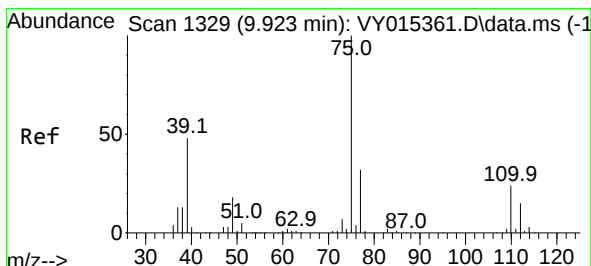
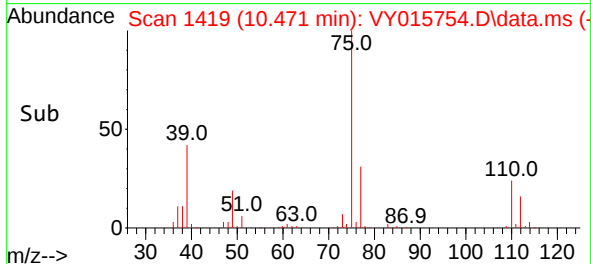
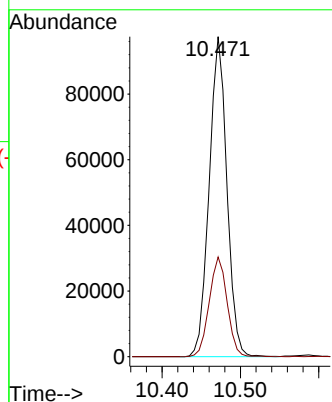
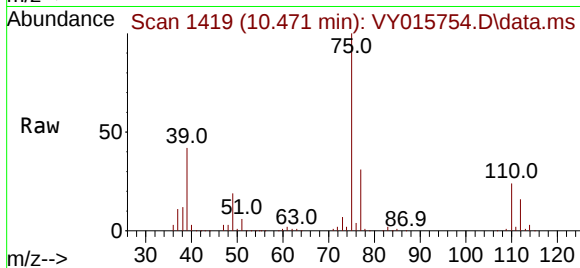




#53
 t-1,3-Dichloropropene
 Concen: 61.159 ug/l
 RT: 10.471 min Scan# 1417
 Delta R.T. 0.012 min
 Lab File: VY015754.D
 Acq: 28 Sep 2023 19:27

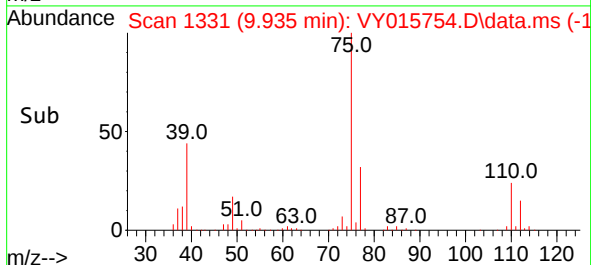
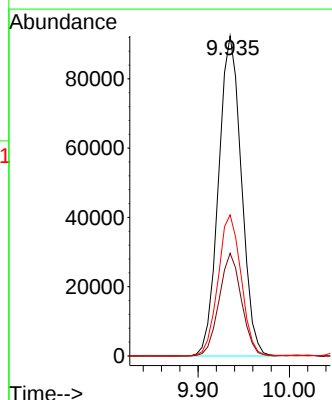
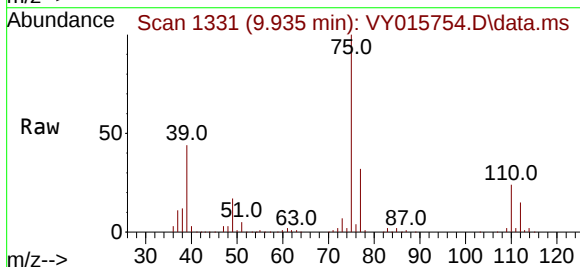
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

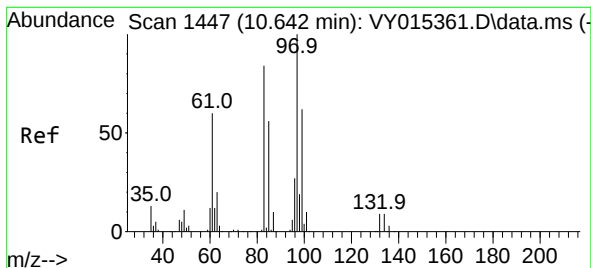
Tgt Ion: 75 Resp: 152937
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 59.736 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.012 min
 Lab File: VY015754.D
 Acq: 28 Sep 2023 19:27

Tgt Ion: 75 Resp: 160794
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.2 36.4
 39 44.0 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 63.507 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY015754.D

Acq: 28 Sep 2023 19:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 97365

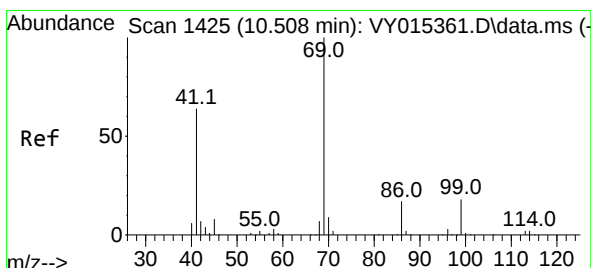
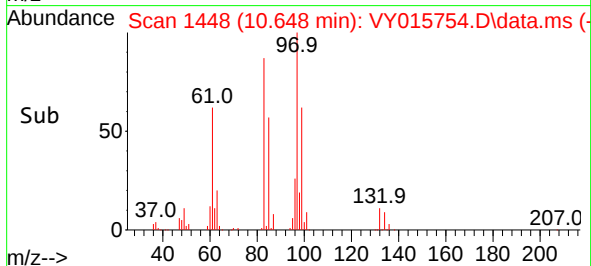
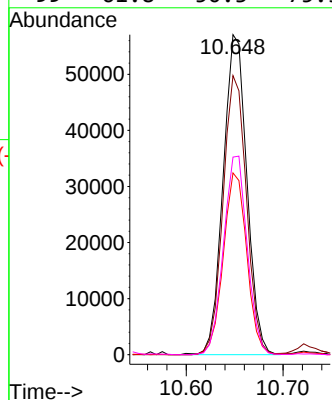
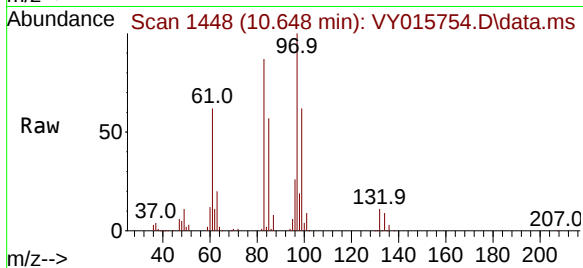
Ion Ratio Lower Upper

97 100

83 87.2 72.0 108.0

85 56.8 45.4 68.0

99 61.8 50.3 75.5



#56

Ethyl methacrylate

Concen: 66.039 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VY015754.D

Acq: 28 Sep 2023 19:27

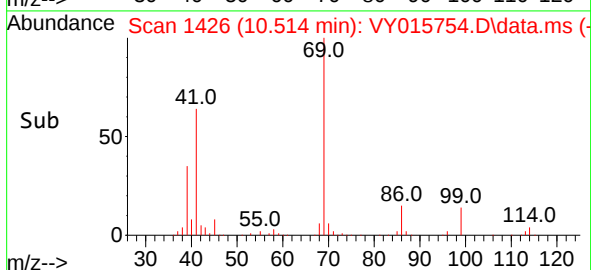
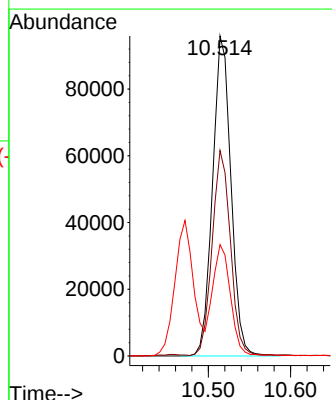
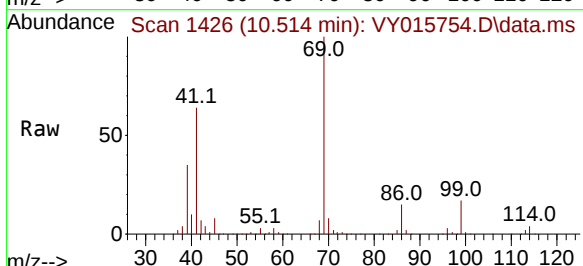
Tgt Ion: 69 Resp: 149208

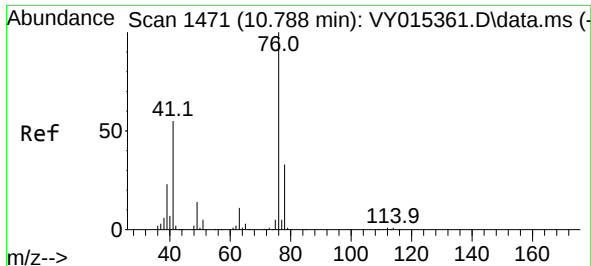
Ion Ratio Lower Upper

69 100

41 63.7 57.6 86.4

39 33.2 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 62.510 ug/l

RT: 10.795 min Scan# 1471

Delta R.T. 0.007 min

Lab File: VY015754.D

Acq: 28 Sep 2023 19:27

Instrument :

MSVOA_Y

ClientSampleId :

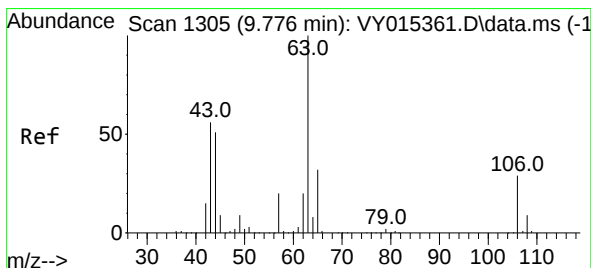
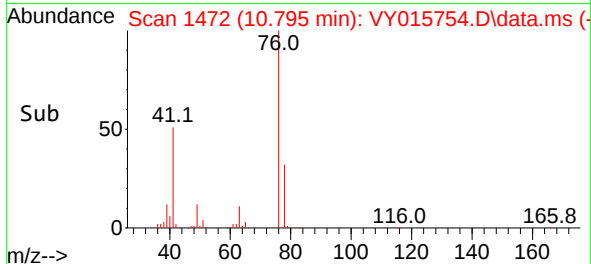
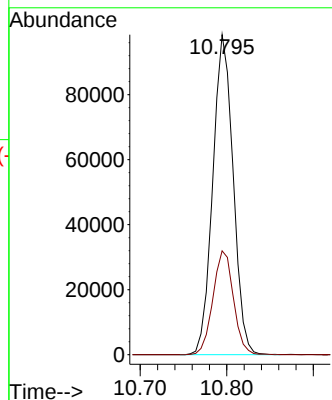
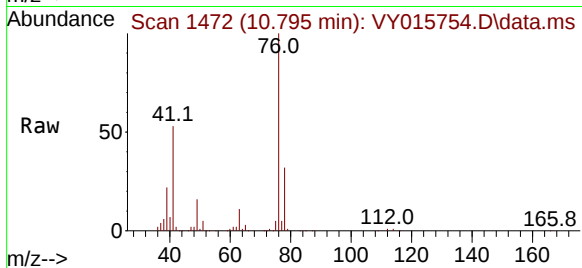
VSTDCCC050EC

Tgt Ion: 76 Resp: 160717

Ion Ratio Lower Upper

76 100

78 32.6 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 271.069 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.013 min

Lab File: VY015754.D

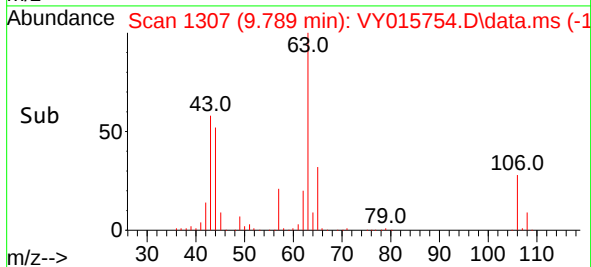
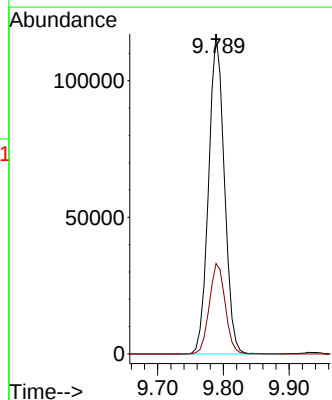
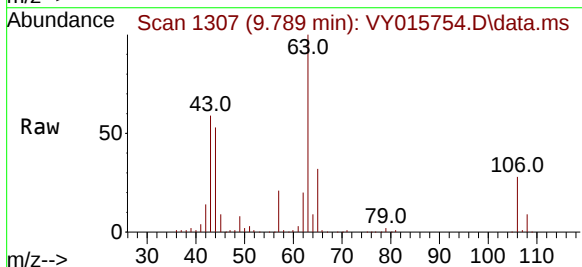
Acq: 28 Sep 2023 19:27

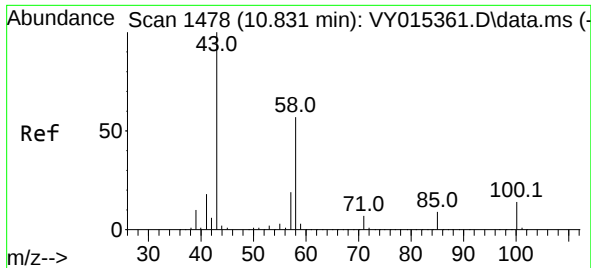
Tgt Ion: 63 Resp: 194540

Ion Ratio Lower Upper

63 100

106 28.5 21.2 31.8

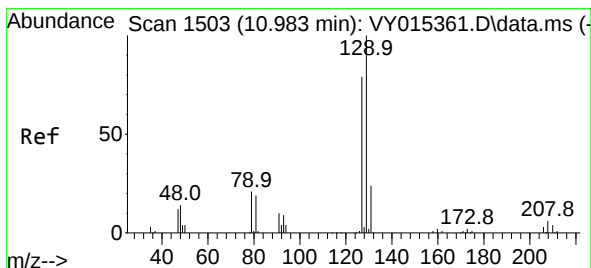
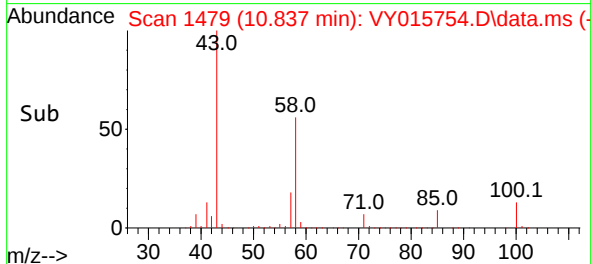
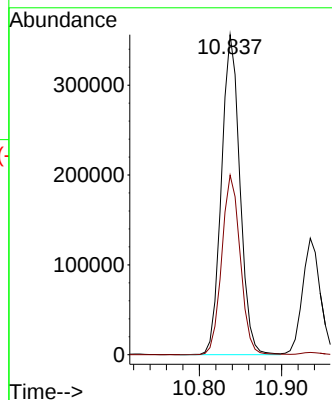
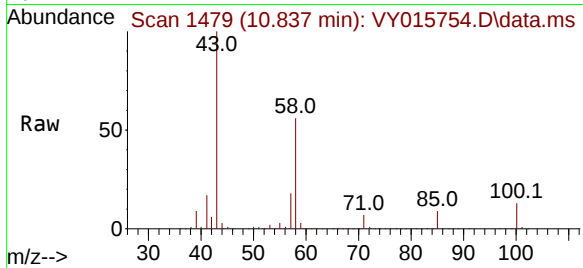




#59
2-Hexanone
Concen: 356.796 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY015754.D
Acq: 28 Sep 2023 19:27

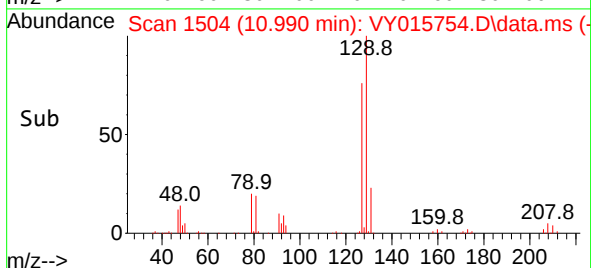
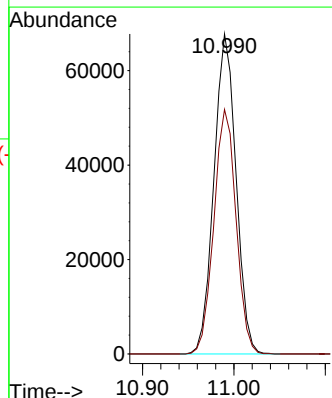
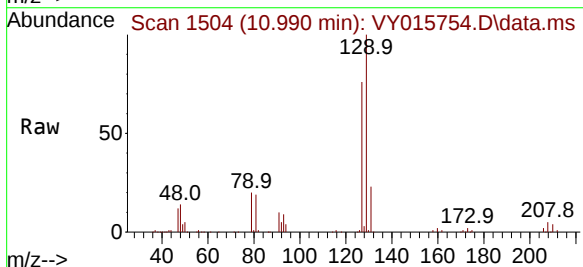
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

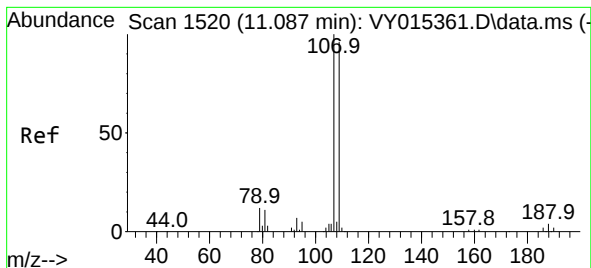
Tgt Ion: 43 Resp: 555955
Ion Ratio Lower Upper
43 100
58 56.2 25.1 75.3



#60
Dibromochloromethane
Concen: 63.580 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.007 min
Lab File: VY015754.D
Acq: 28 Sep 2023 19:27

Tgt Ion: 129 Resp: 113789
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5

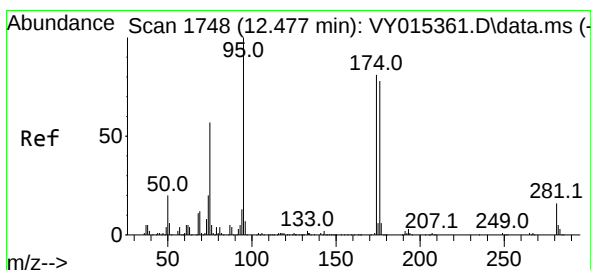
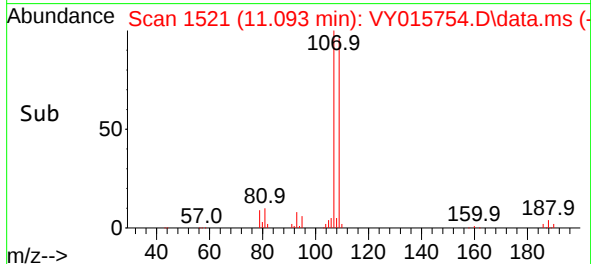
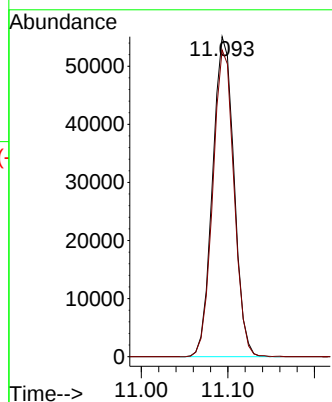
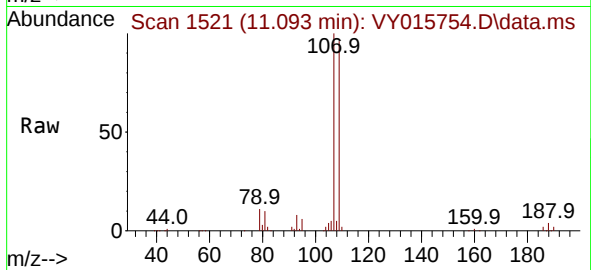




#61
1,2-Dibromoethane
Concen: 63.084 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015754.D
Acq: 28 Sep 2023 19:27

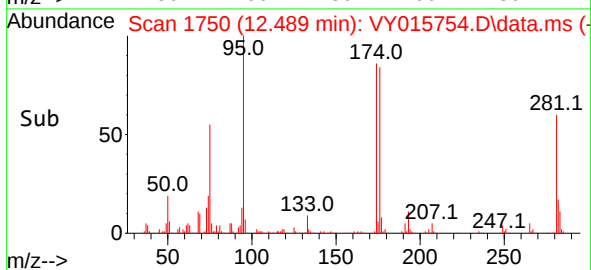
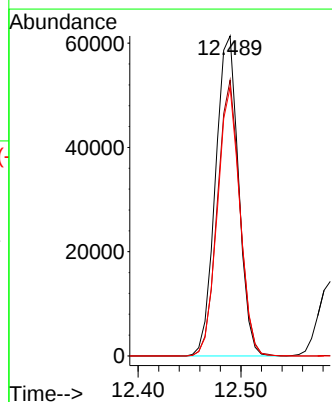
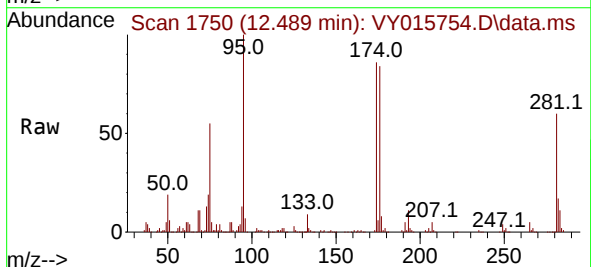
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 94619
Ion Ratio Lower Upper
107 100
109 94.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 55.118 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.012 min
Lab File: VY015754.D
Acq: 28 Sep 2023 19:27

Tgt Ion: 95 Resp: 95391
Ion Ratio Lower Upper
95 100
174 83.8 0.0 178.2
176 81.7 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: VY015754.D

Acq: 28 Sep 2023 19:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

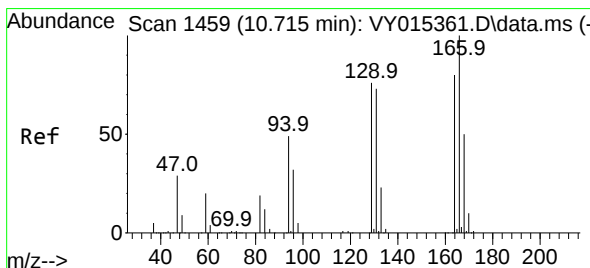
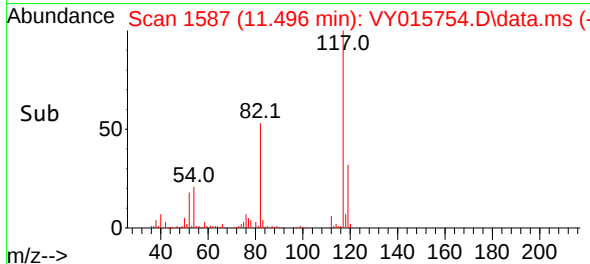
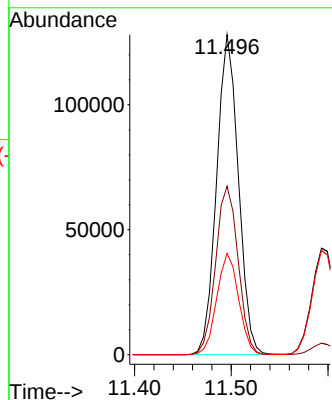
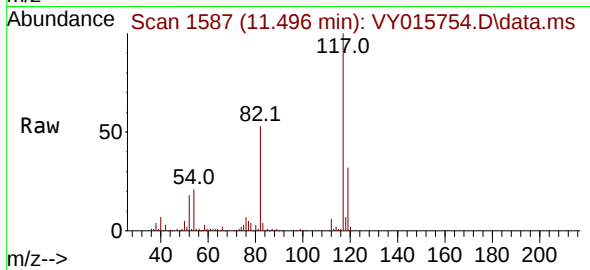
Tgt Ion:117 Resp: 199999

Ion Ratio Lower Upper

117 100

82 52.7 43.4 65.0

119 31.6 26.3 39.5



#64

Tetrachloroethene

Concen: 62.220 ug/l

RT: 10.728 min Scan# 1461

Delta R.T. 0.013 min

Lab File: VY015754.D

Acq: 28 Sep 2023 19:27

Tgt Ion:164 Resp: 106765

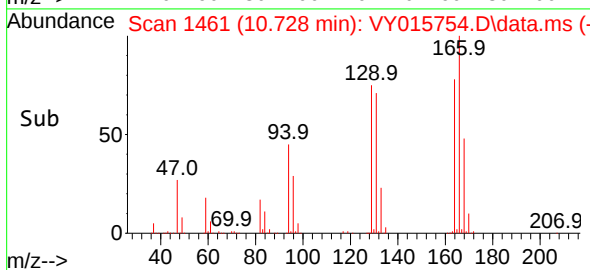
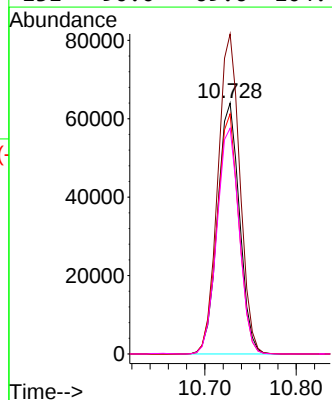
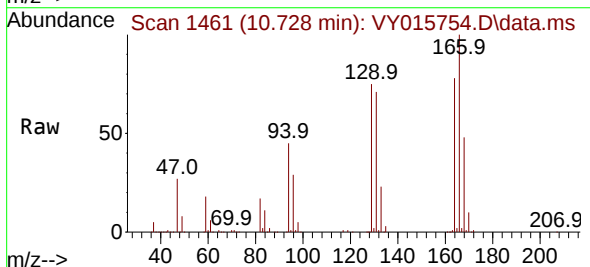
Ion Ratio Lower Upper

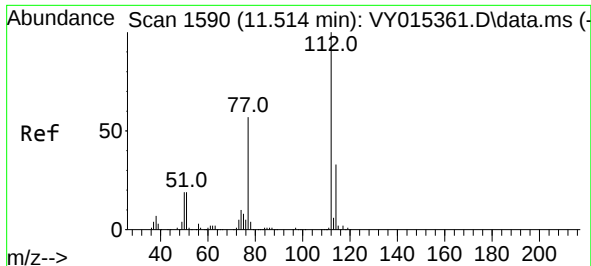
164 100

166 127.6 103.0 154.6

129 95.7 77.2 115.8

131 90.0 69.6 104.4

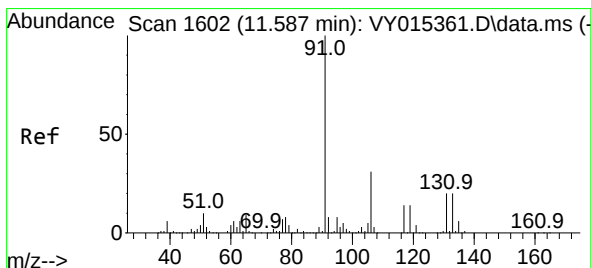
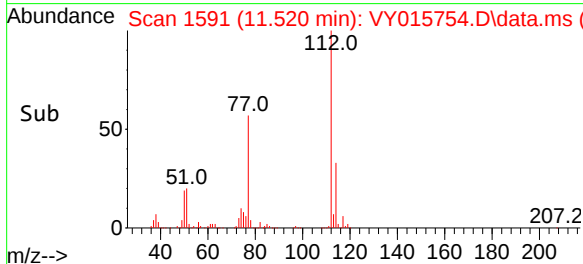
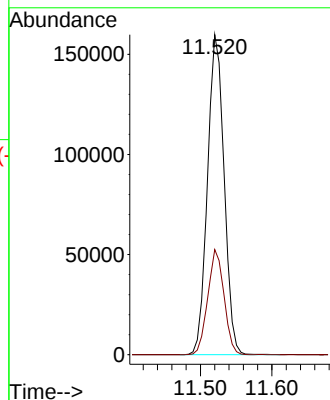
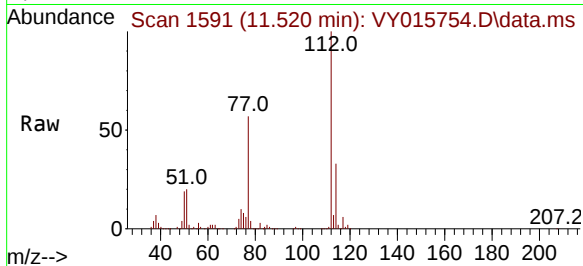




#65
Chlorobenzene
Concen: 59.082 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015754.D
Acq: 28 Sep 2023 19:27

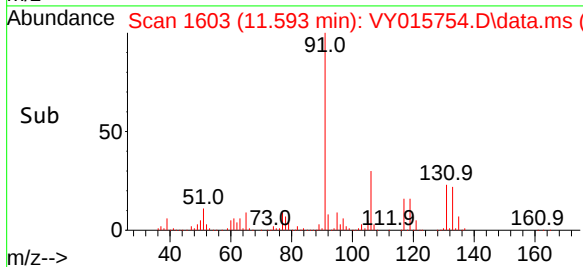
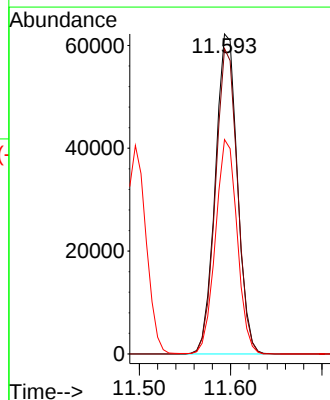
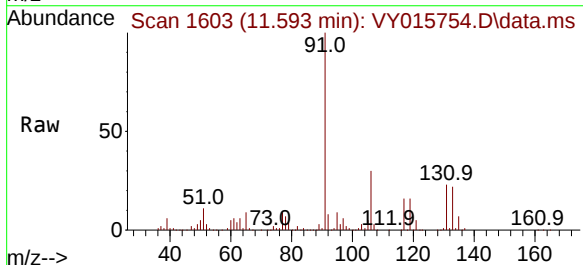
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

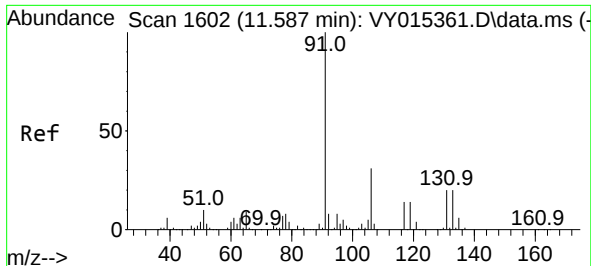
Tgt Ion:112 Resp: 257928
Ion Ratio Lower Upper
112 100
114 32.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 61.562 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015754.D
Acq: 28 Sep 2023 19:27

Tgt Ion:131 Resp: 104395
Ion Ratio Lower Upper
131 100
133 94.8 47.5 142.6
119 66.0 31.6 94.7





#67

Ethyl Benzene

Concen: 59.740 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.012 min

Lab File: VY015754.D

Acq: 28 Sep 2023 19:27

Instrument :

MSVOA_Y

ClientSampleId :

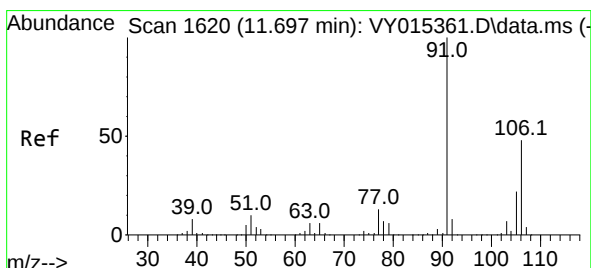
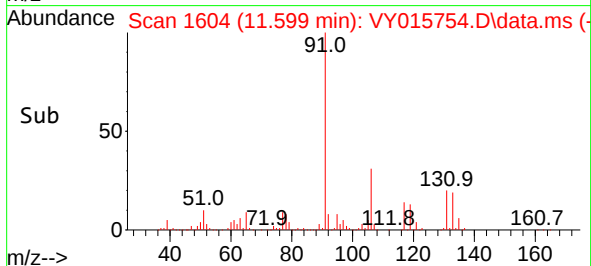
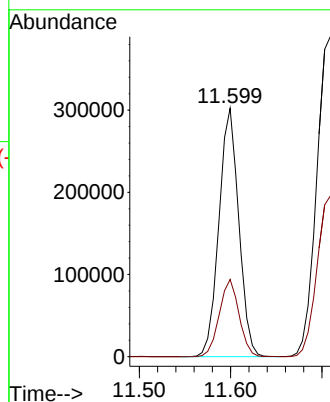
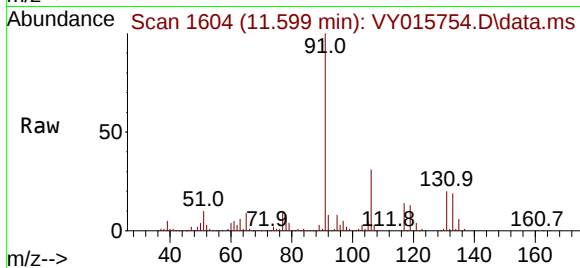
VSTDCCC050EC

Tgt Ion: 91 Resp: 455846

Ion Ratio Lower Upper

91 100

106 31.1 24.6 36.8



#68

m/p-Xylenes

Concen: 120.167 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: VY015754.D

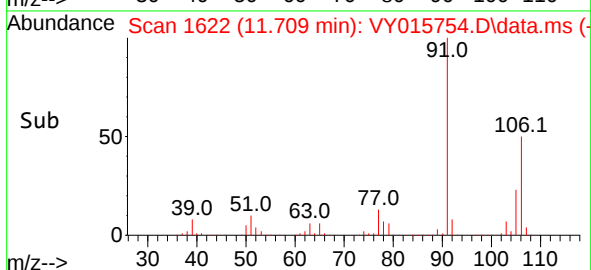
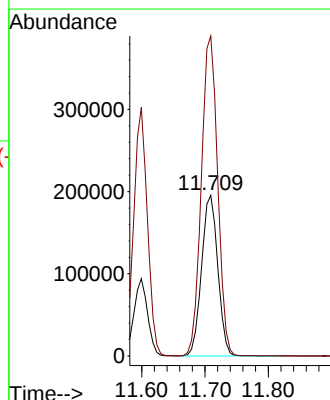
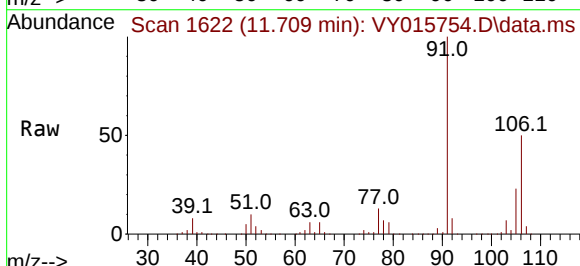
Acq: 28 Sep 2023 19:27

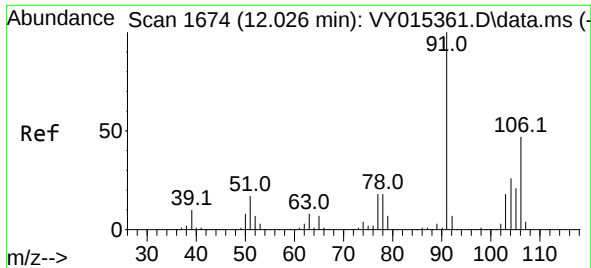
Tgt Ion: 106 Resp: 348516

Ion Ratio Lower Upper

106 100

91 200.6 166.1 249.1

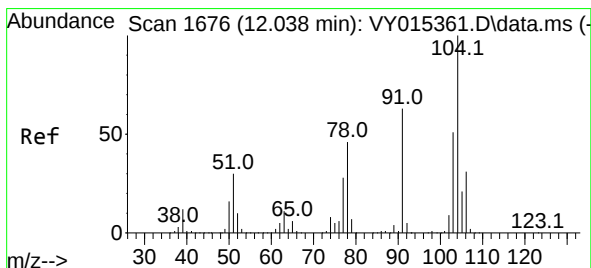
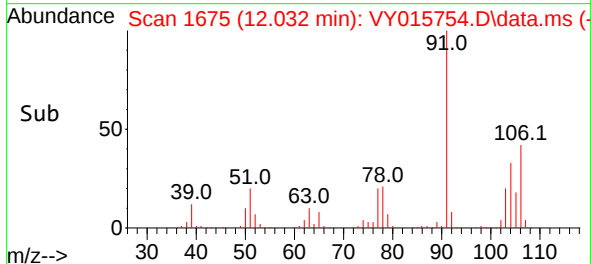
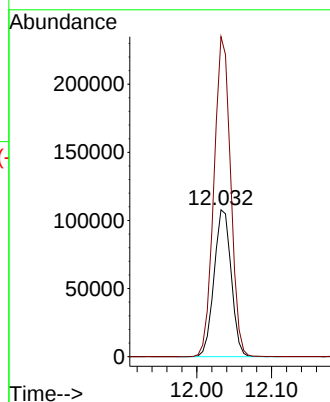
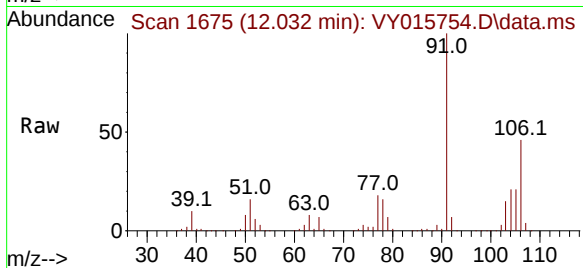




#69
o-Xylene
Concen: 60.391 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY015754.D
Acq: 28 Sep 2023 19:27

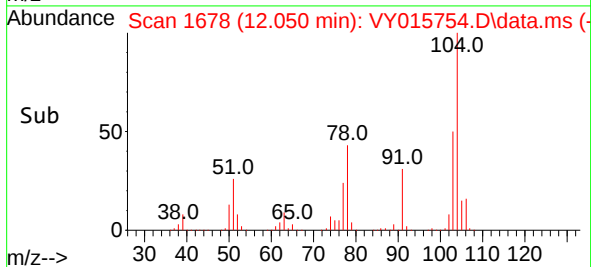
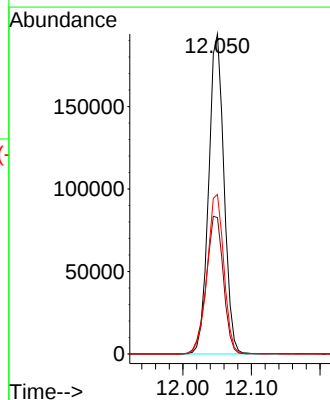
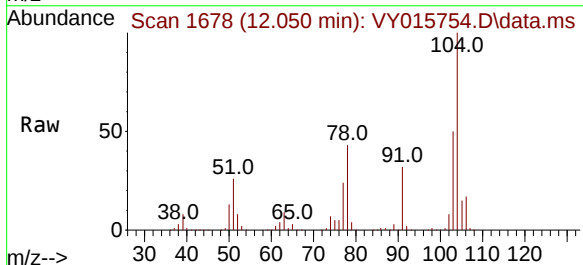
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

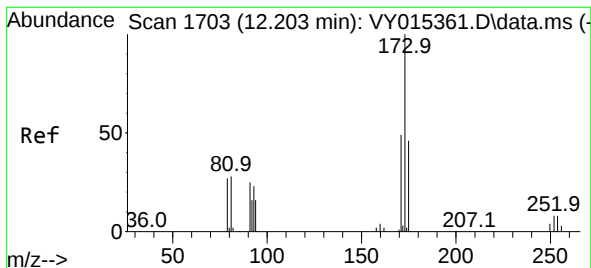
Tgt Ion:106 Resp: 171747
Ion Ratio Lower Upper
106 100
91 212.6 108.1 324.3



#70
Styrene
Concen: 61.985 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY015754.D
Acq: 28 Sep 2023 19:27

Tgt Ion:104 Resp: 301742
Ion Ratio Lower Upper
104 100
78 48.4 41.5 62.3
103 54.5 44.6 67.0





#71

Bromoform

Concen: 67.099 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015754.D

Acq: 28 Sep 2023 19:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

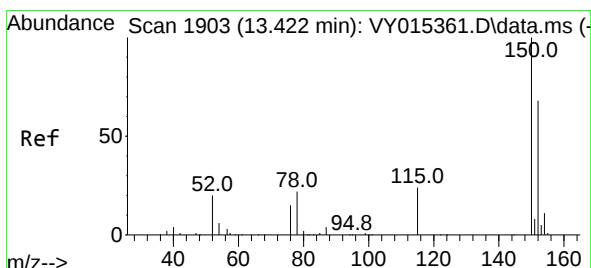
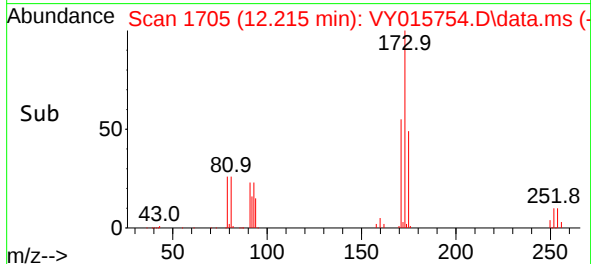
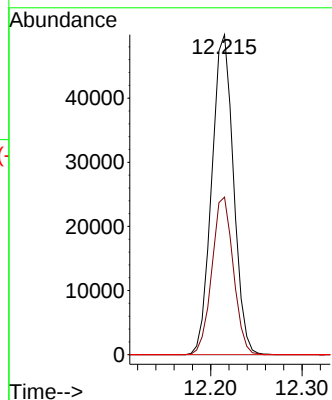
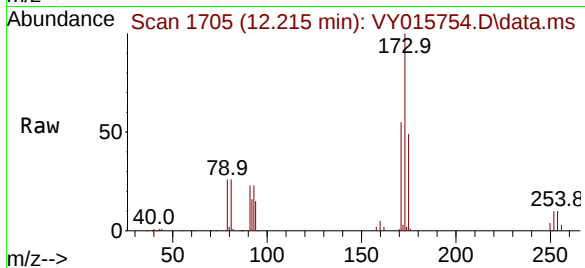
Tgt Ion:173 Resp: 82455

Ion Ratio Lower Upper

173 100

175 48.6 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015754.D

Acq: 28 Sep 2023 19:27

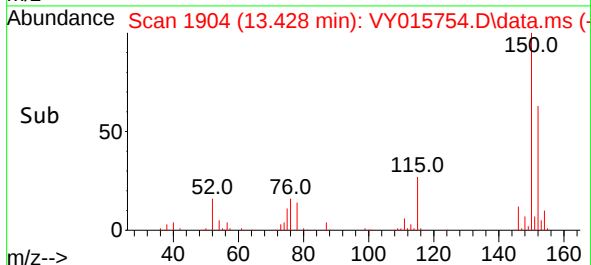
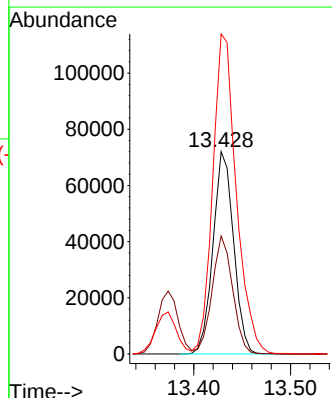
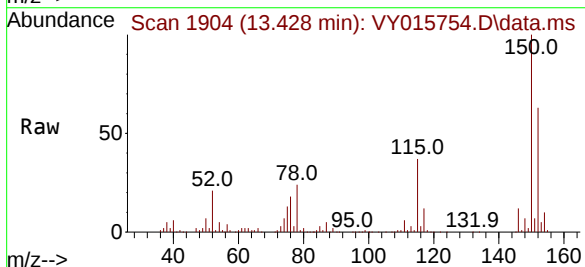
Tgt Ion:152 Resp: 106550

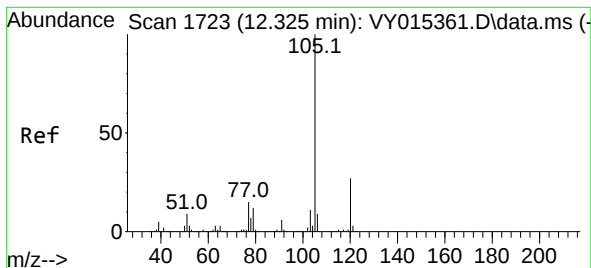
Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 180.9 0.0 348.8





#73

Isopropylbenzene

Concen: 57.294 ug/l

RT: 12.337 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY015754.D

Acq: 28 Sep 2023 19:27

Instrument :

MSVOA_Y

ClientSampleId :

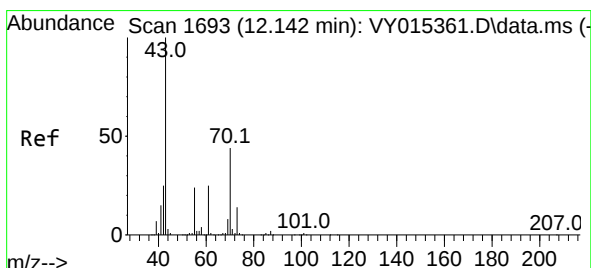
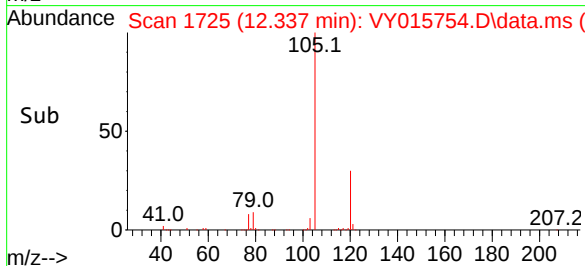
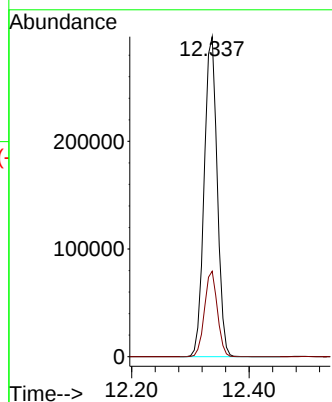
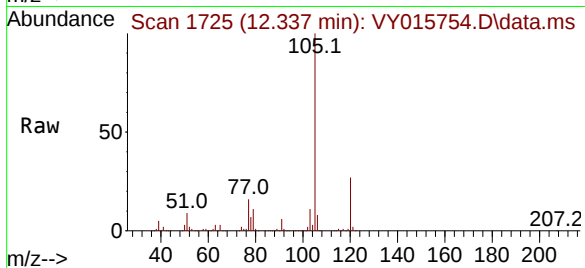
VSTDCCC050EC

Tgt Ion:105 Resp: 457954

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.9



#74

N-ethyl acetate

Concen: 63.707 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY015754.D

Acq: 28 Sep 2023 19:27

Tgt Ion: 43 Resp: 191389

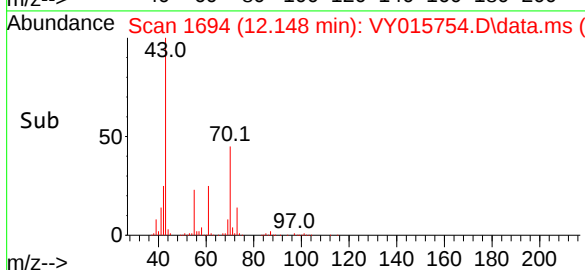
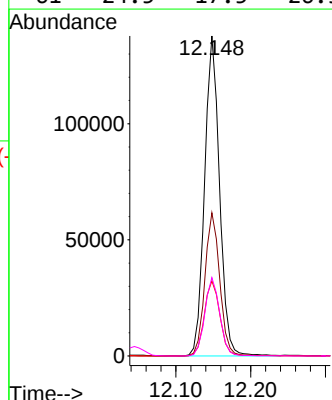
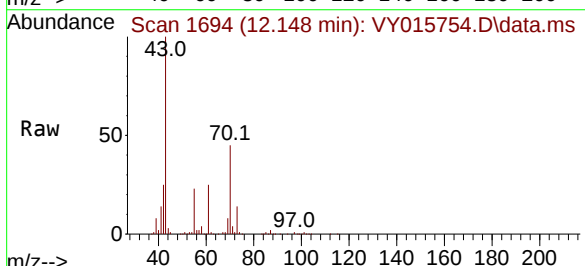
Ion Ratio Lower Upper

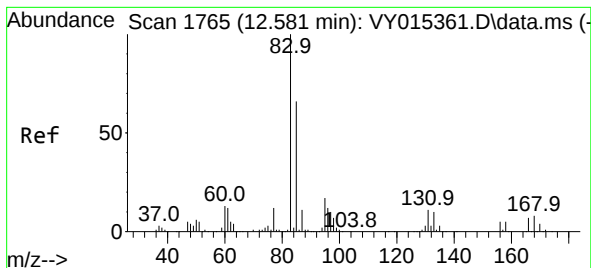
43 100

70 44.6 29.7 44.5

55 24.6 18.3 27.5

61 24.5 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 63.175 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.006 min

Lab File: VY015754.D

Acq: 28 Sep 2023 19:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

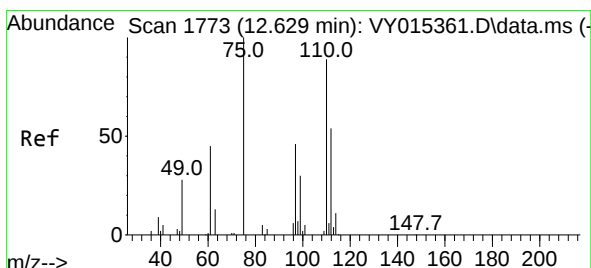
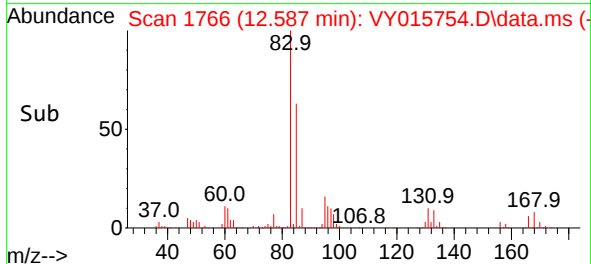
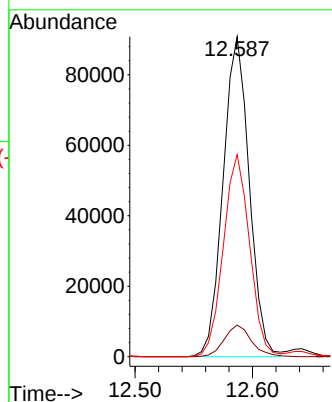
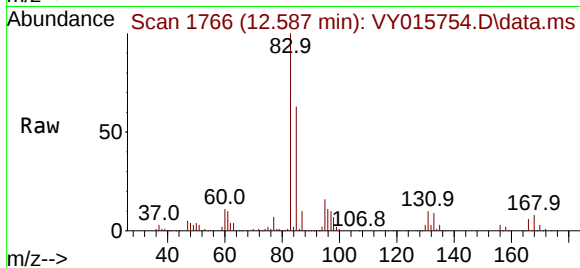
Tgt Ion: 83 Resp: 140536

Ion Ratio Lower Upper

83 100

131 10.2 5.4 16.2

85 63.4 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 109.596 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.007 min

Lab File: VY015754.D

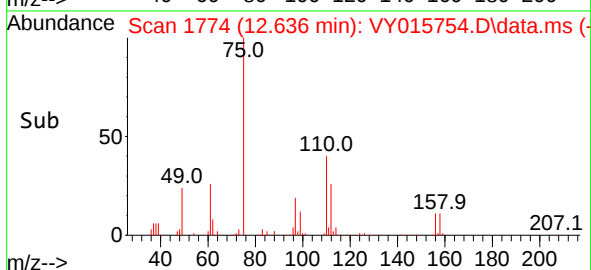
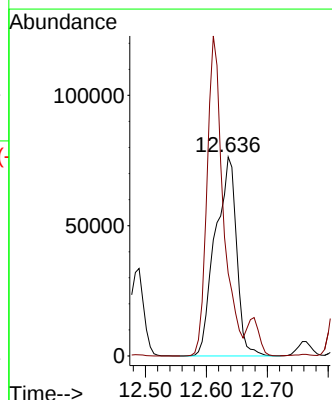
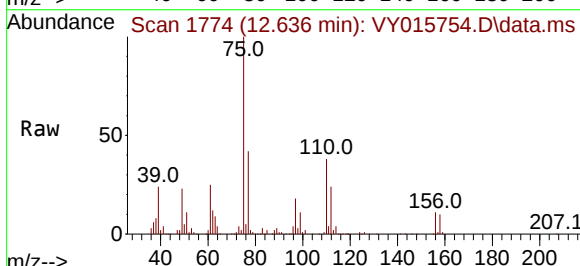
Acq: 28 Sep 2023 19:27

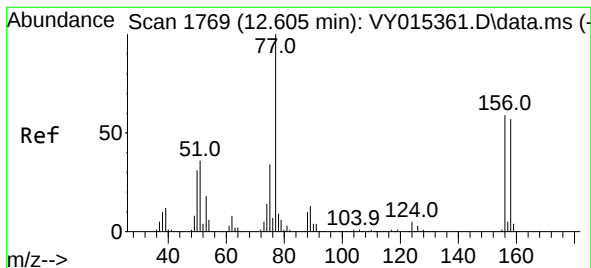
Tgt Ion: 75 Resp: 186295

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 57.519 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY015754.D

Acq: 28 Sep 2023 19:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

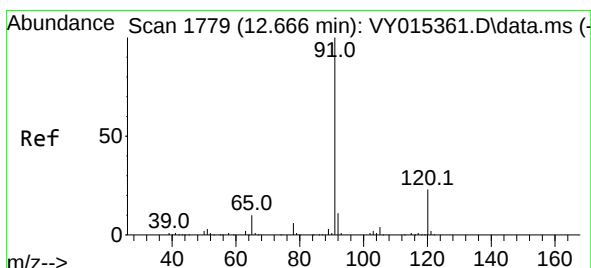
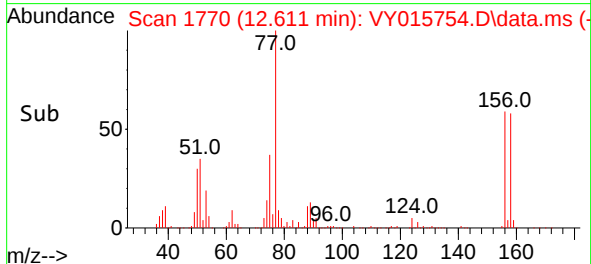
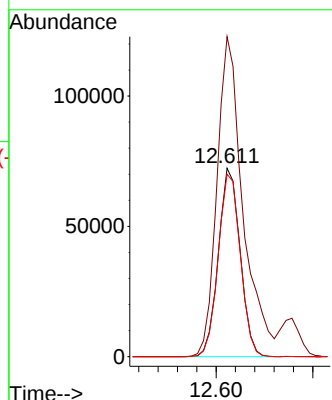
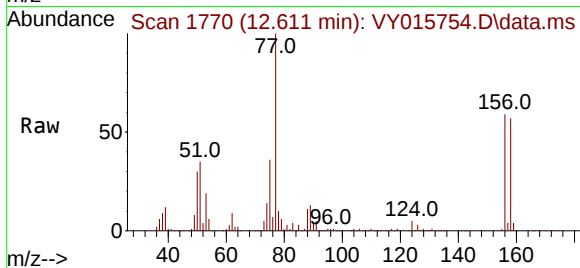
Tgt Ion:156 Resp: 112854

Ion Ratio Lower Upper

156 100

77 202.2 92.8 278.6

158 98.3 48.4 145.3



#78

n-propylbenzene

Concen: 57.178 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.012 min

Lab File: VY015754.D

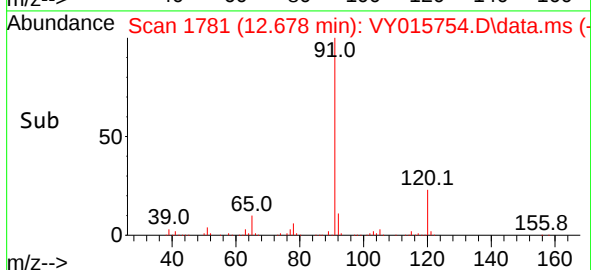
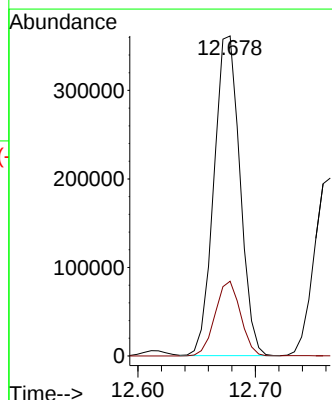
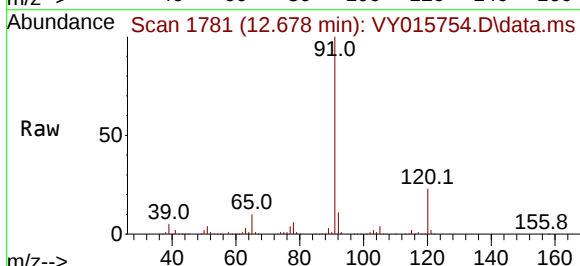
Acq: 28 Sep 2023 19:27

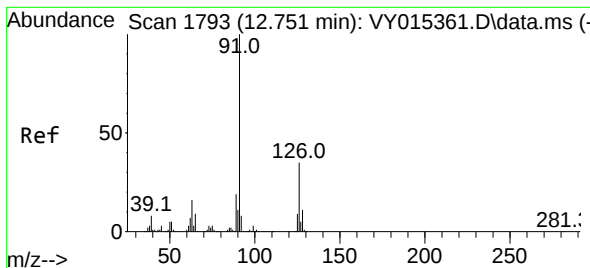
Tgt Ion: 91 Resp: 555228

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.4

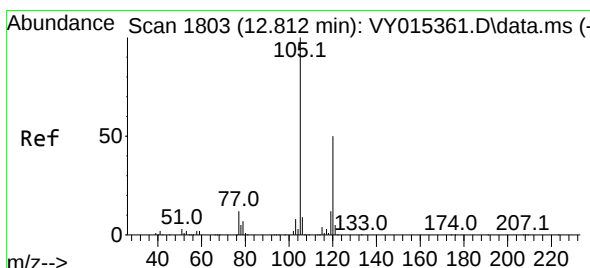
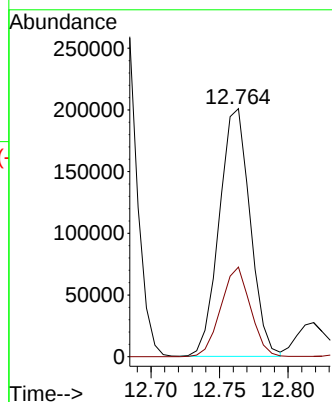
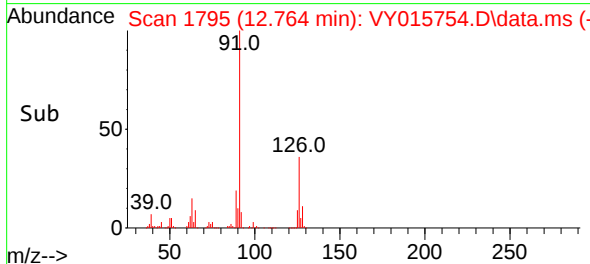
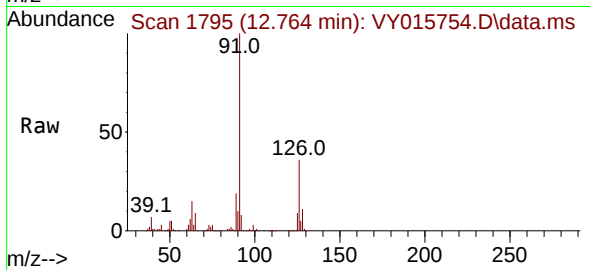




#79
2-Chlorotoluene
Concen: 57.042 ug/l
RT: 12.764 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY015754.D
Acq: 28 Sep 2023 19:27

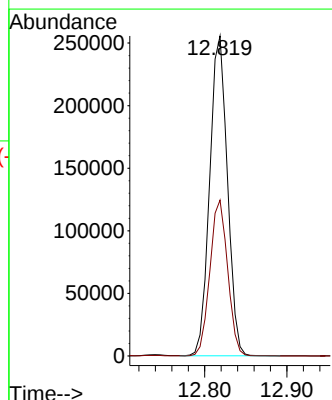
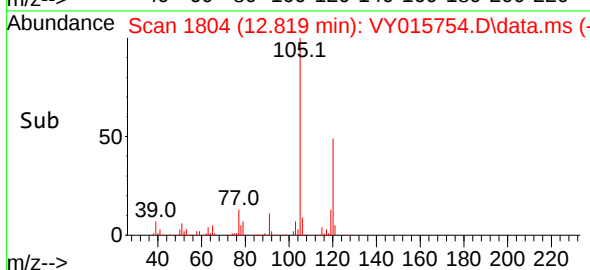
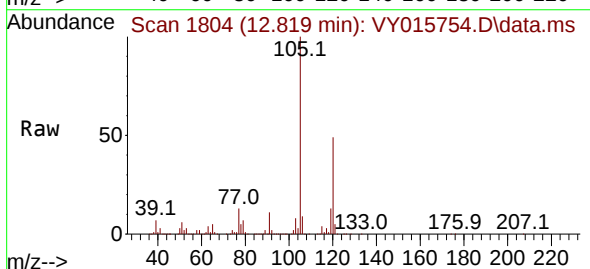
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

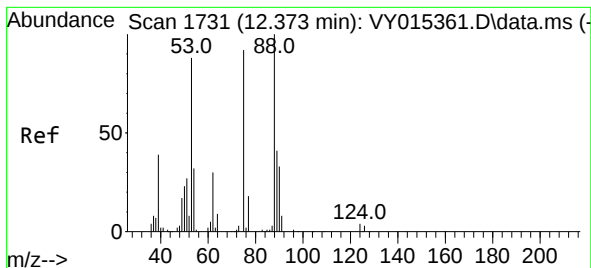
Tgt Ion: 91 Resp: 315737
Ion Ratio Lower Upper
91 100
126 34.7 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 57.149 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.007 min
Lab File: VY015754.D
Acq: 28 Sep 2023 19:27

Tgt Ion: 105 Resp: 382414
Ion Ratio Lower Upper
105 100
120 48.9 23.9 71.7

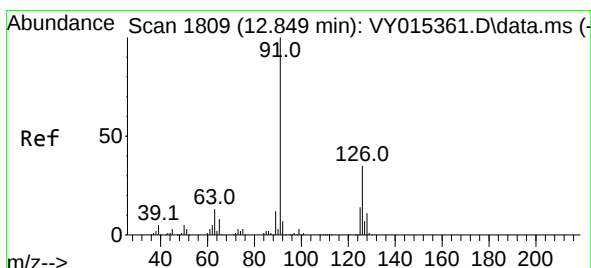
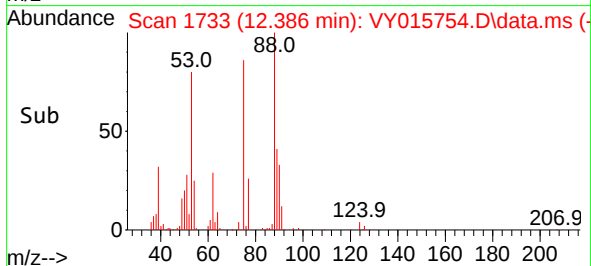
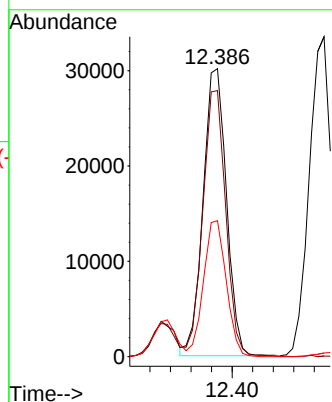
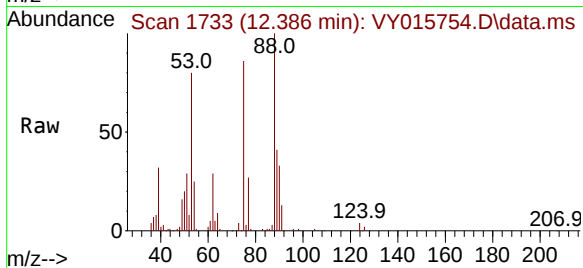




#81
trans-1,4-Dichloro-2-butene
Concen: 63.127 ug/l
RT: 12.386 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015754.D
Acq: 28 Sep 2023 19:27

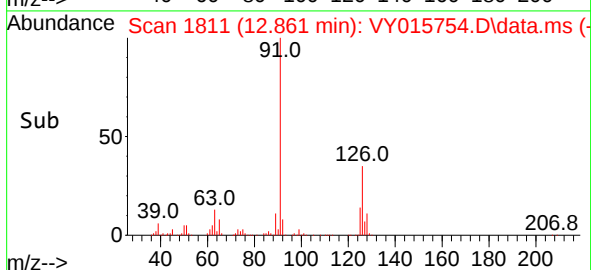
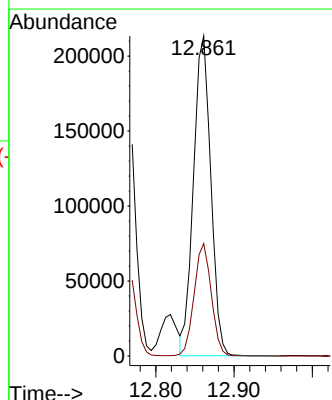
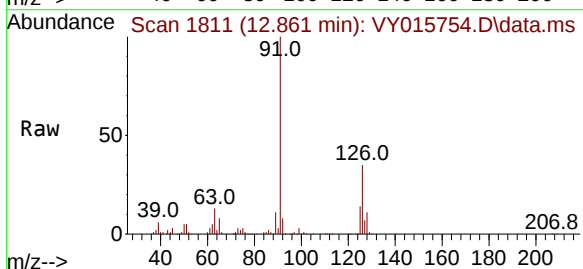
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

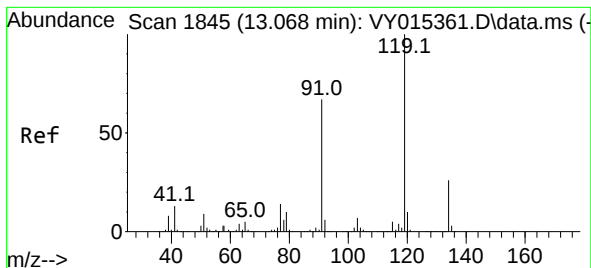
Tgt Ion: 75 Resp: 47651
Ion Ratio Lower Upper
75 100
53 90.8 77.8 116.8
89 46.2 37.4 56.0



#82
4-Chlorotoluene
Concen: 56.898 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.012 min
Lab File: VY015754.D
Acq: 28 Sep 2023 19:27

Tgt Ion: 91 Resp: 328776
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.6





#83

tert-Butylbenzene

Concen: 58.358 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY015754.D

Acq: 28 Sep 2023 19:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

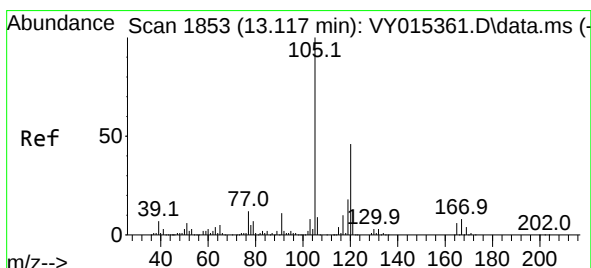
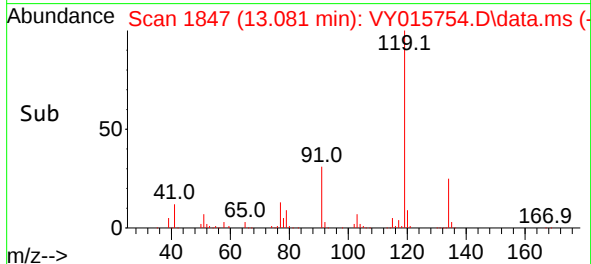
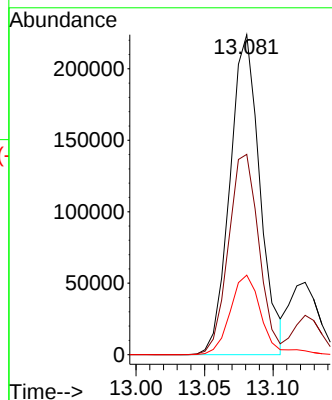
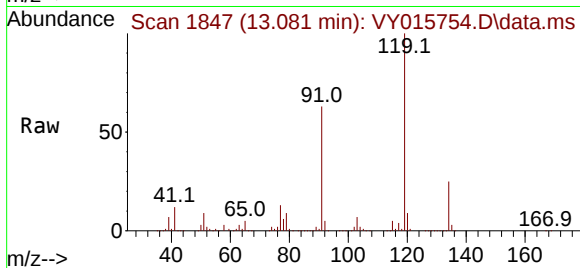
Tgt Ion:119 Resp: 342022

Ion Ratio Lower Upper

119 100

91 63.6 32.9 98.6

134 26.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 57.961 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY015754.D

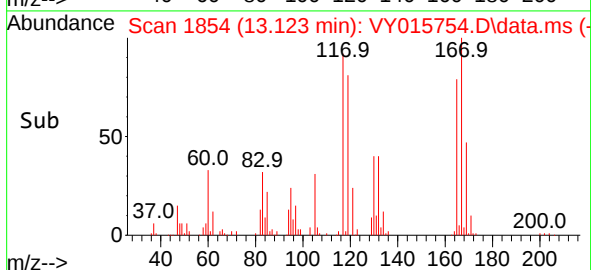
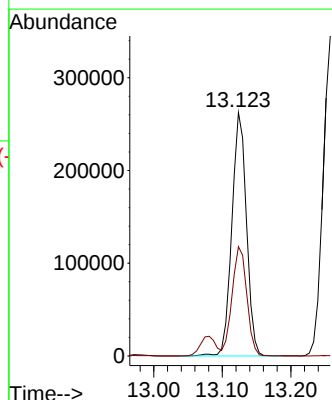
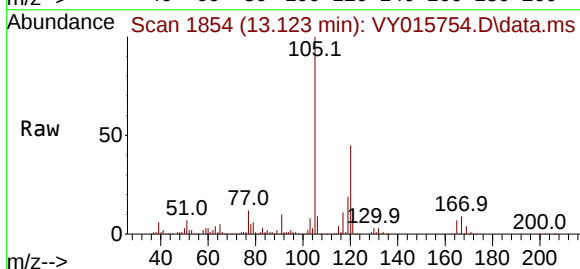
Acq: 28 Sep 2023 19:27

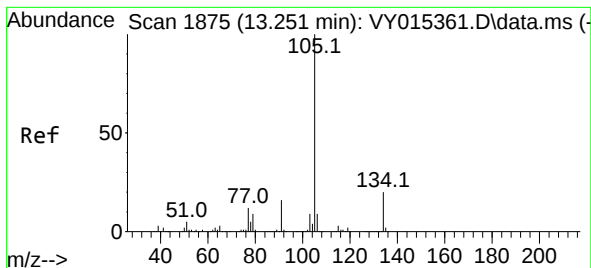
Tgt Ion:105 Resp: 388067

Ion Ratio Lower Upper

105 100

120 45.1 22.2 66.6





#85

sec-Butylbenzene

Concen: 58.374 ug/l

RT: 13.258 min Scan# 1875

Delta R.T. 0.007 min

Lab File: VY015754.D

Acq: 28 Sep 2023 19:27

Instrument :

MSVOA_Y

ClientSampleId :

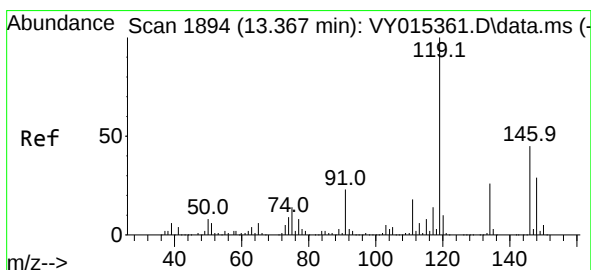
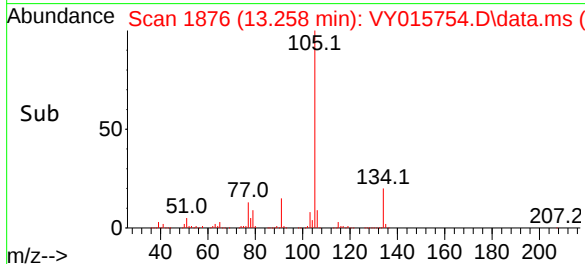
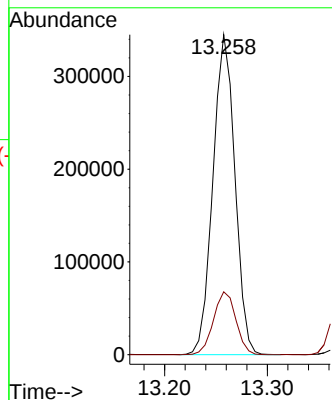
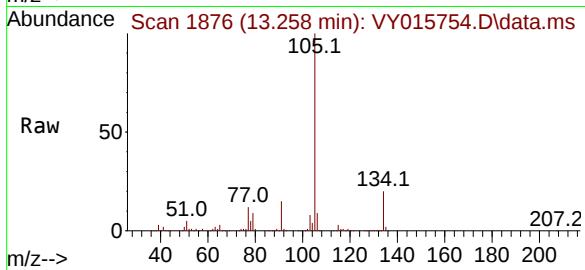
VSTDCCC050EC

Tgt Ion:105 Resp: 511979

Ion Ratio Lower Upper

105 100

134 20.0 10.2 30.6



#86

p-Isopropyltoluene

Concen: 58.112 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY015754.D

Acq: 28 Sep 2023 19:27

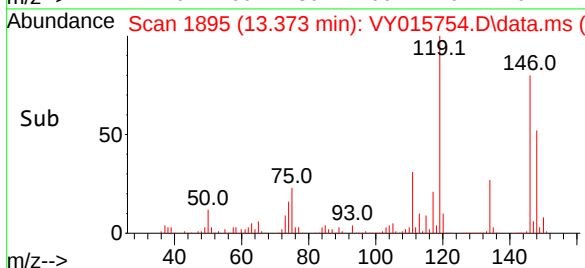
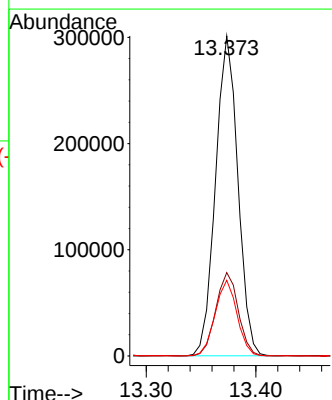
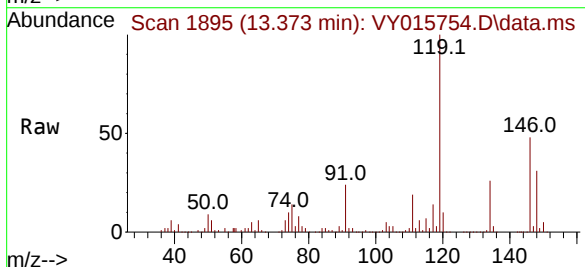
Tgt Ion:119 Resp: 425748

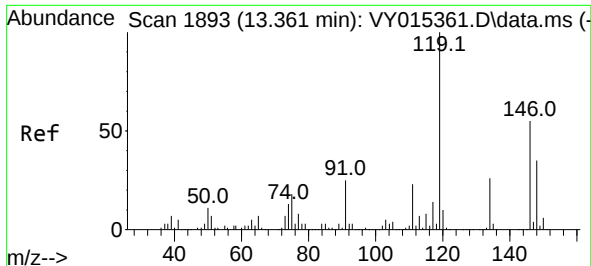
Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

91 23.2 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 57.641 ug/l

RT: 13.373 min Scan# 1893

Delta R.T. 0.012 min

Lab File: VY015754.D

Acq: 28 Sep 2023 19:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

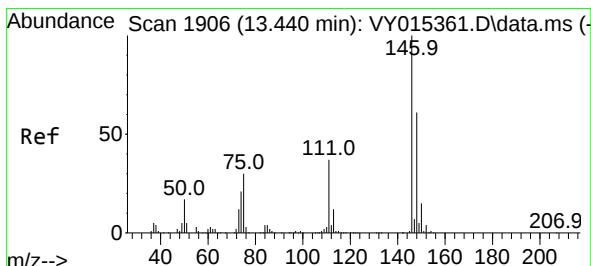
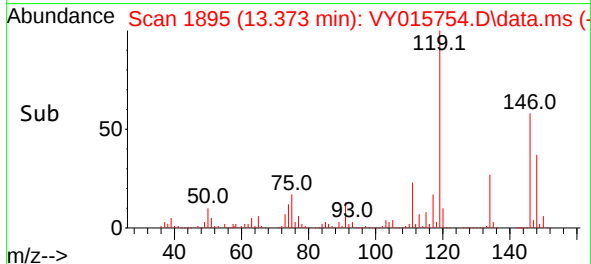
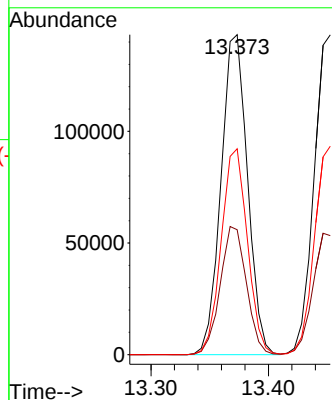
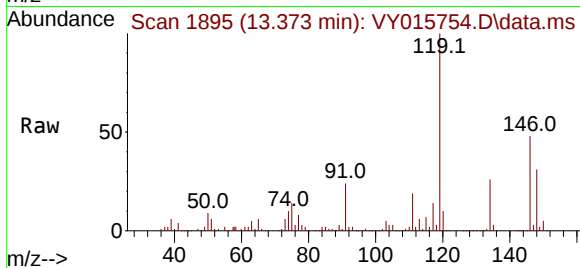
Tgt Ion:146 Resp: 224365

Ion Ratio Lower Upper

146 100

111 39.8 19.4 58.2

148 63.7 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 58.123 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.007 min

Lab File: VY015754.D

Acq: 28 Sep 2023 19:27

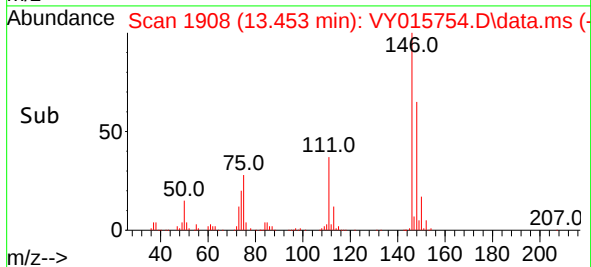
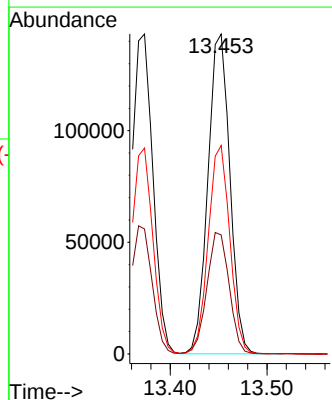
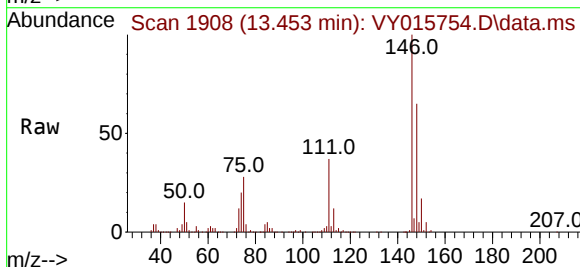
Tgt Ion:146 Resp: 226270

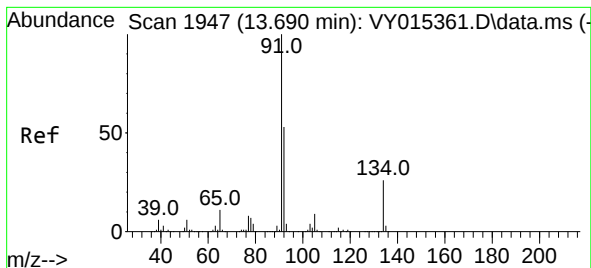
Ion Ratio Lower Upper

146 100

111 38.5 18.9 56.7

148 64.2 32.1 96.5





#89

n-Butylbenzene

Concen: 57.754 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.007 min

Lab File: VY015754.D

Acq: 28 Sep 2023 19:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

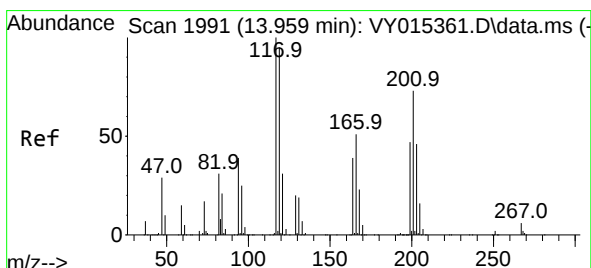
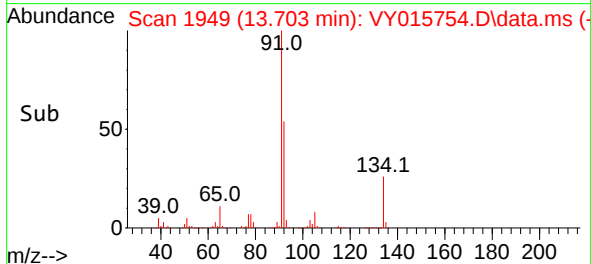
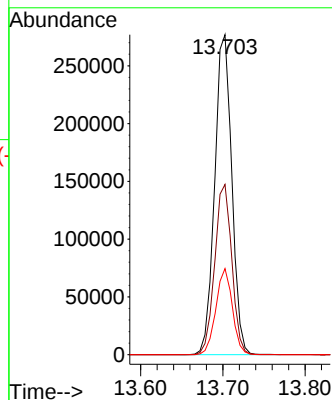
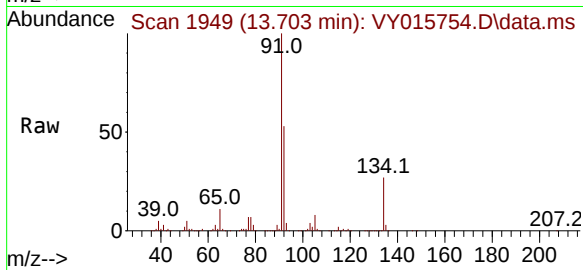
Tgt Ion: 91 Resp: 400669

Ion Ratio Lower Upper

91 100

92 53.1 25.4 76.0

134 25.8 12.6 37.6



#90

Hexachloroethane

Concen: 58.730 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY015754.D

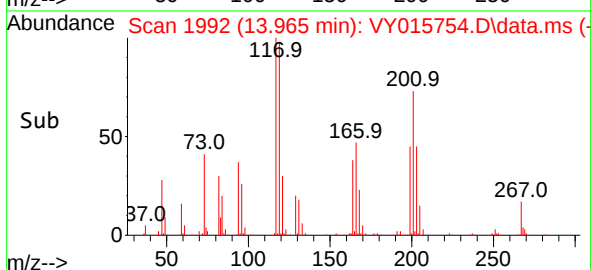
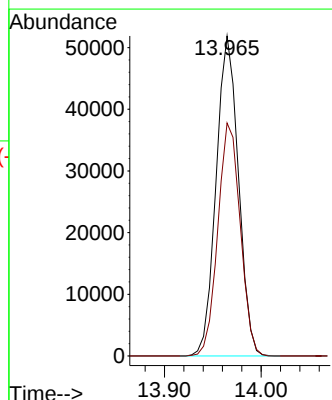
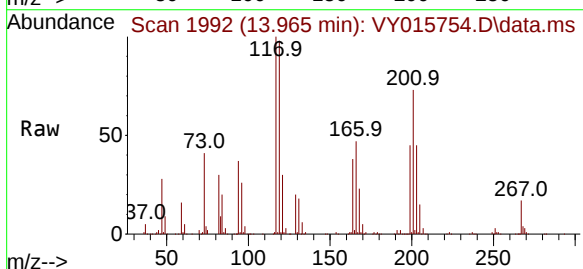
Acq: 28 Sep 2023 19:27

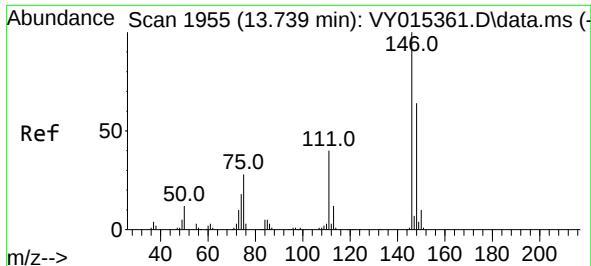
Tgt Ion: 117 Resp: 83042

Ion Ratio Lower Upper

117 100

201 73.1 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 59.473 ug/l

RT: 13.745 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY015754.D

Acq: 28 Sep 2023 19:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

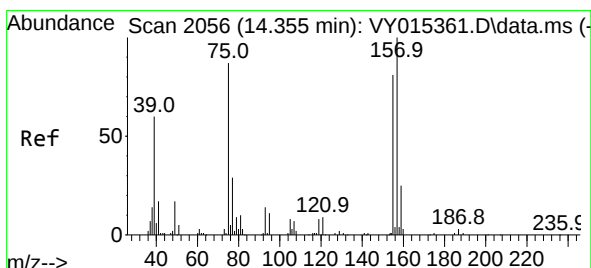
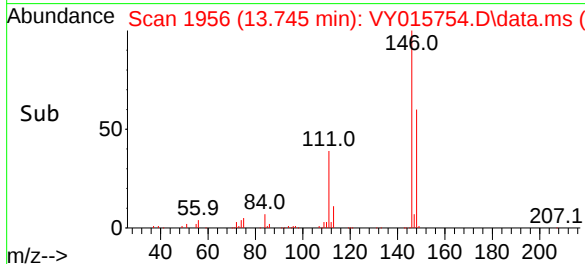
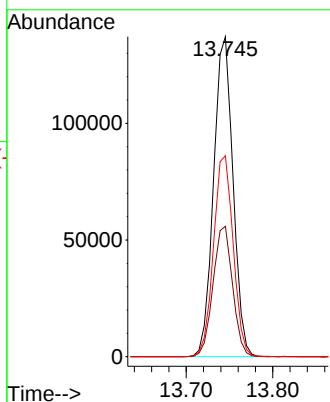
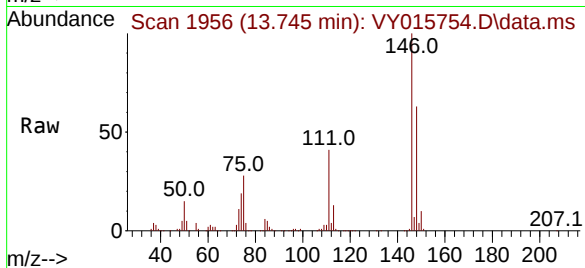
Tgt Ion:146 Resp: 213699

Ion Ratio Lower Upper

146 100

111 41.0 19.7 59.0

148 63.7 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 68.755 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY015754.D

Acq: 28 Sep 2023 19:27

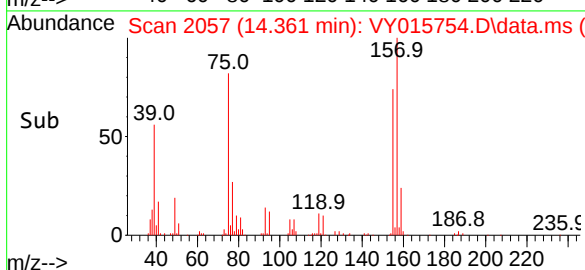
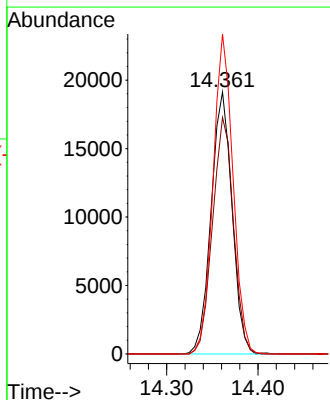
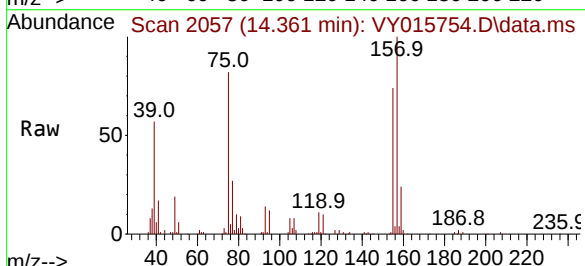
Tgt Ion: 75 Resp: 30377

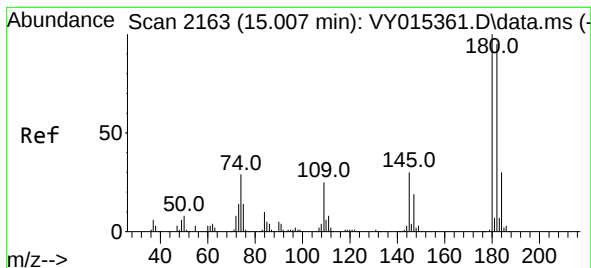
Ion Ratio Lower Upper

75 100

155 90.2 41.5 124.6

157 116.7 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 59.729 ug/l

RT: 15.013 min Scan# 2163

Delta R.T. 0.012 min

Lab File: VY015754.D

Acq: 28 Sep 2023 19:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

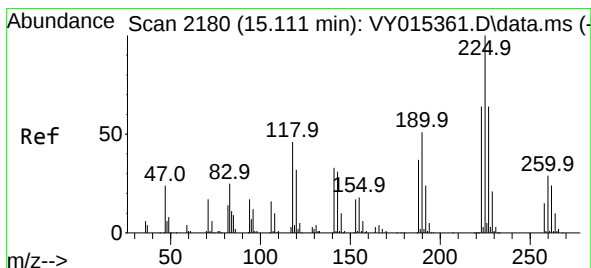
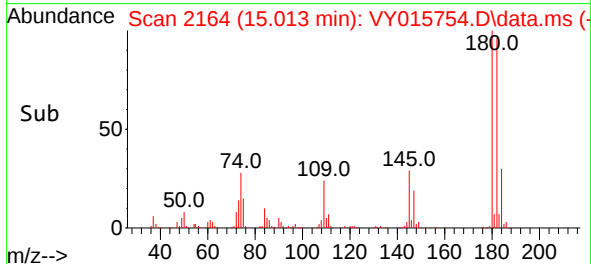
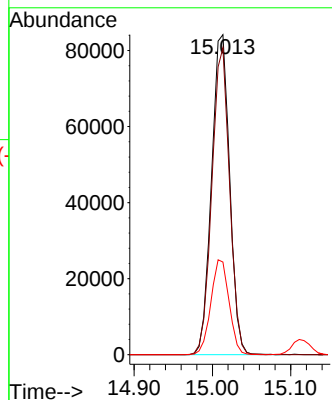
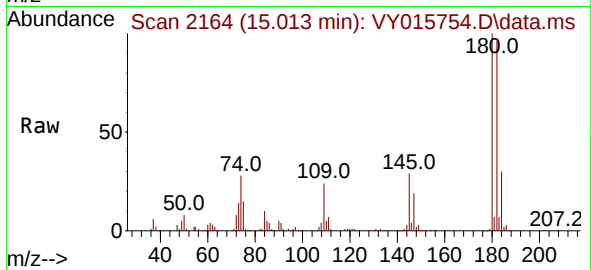
Tgt Ion:180 Resp: 135111

Ion Ratio Lower Upper

180 100

182 93.9 47.0 141.2

145 29.9 14.5 43.5



#94

Hexachlorobutadiene

Concen: 57.267 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY015754.D

Acq: 28 Sep 2023 19:27

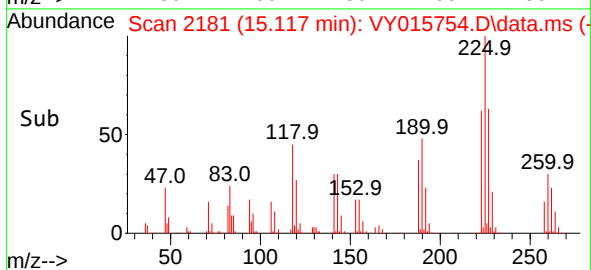
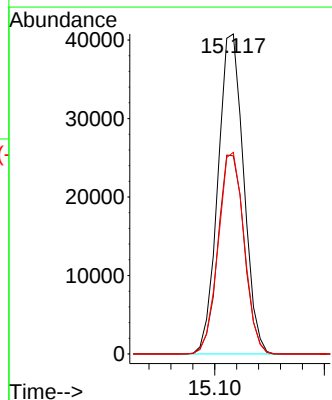
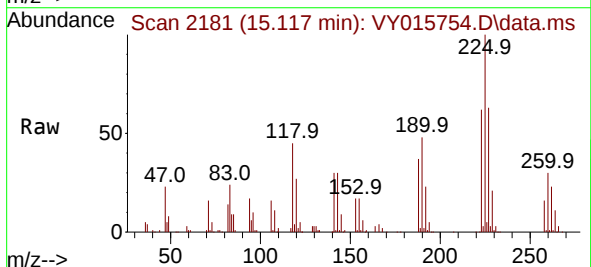
Tgt Ion:225 Resp: 66339

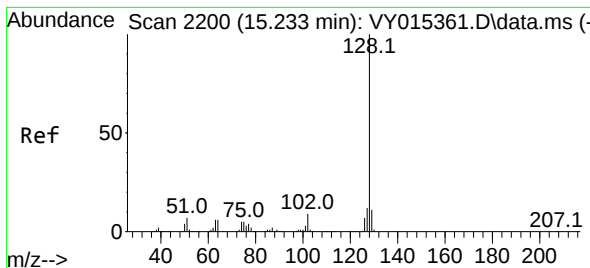
Ion Ratio Lower Upper

225 100

223 63.2 31.9 95.9

227 63.5 33.0 98.9





#95

Naphthalene

Concen: 67.567 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY015754.D

Acq: 28 Sep 2023 19:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

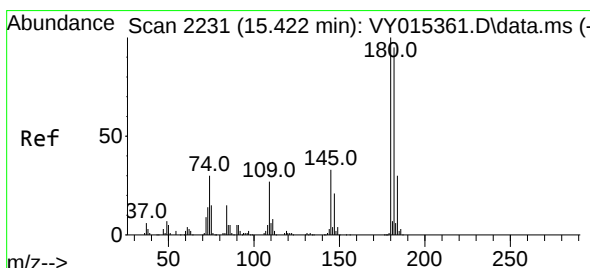
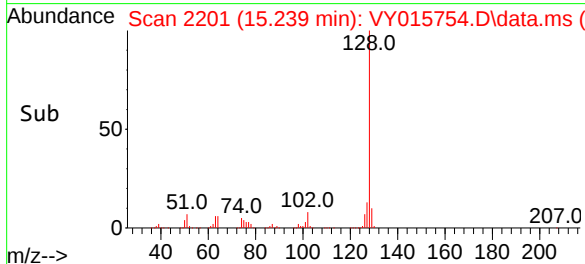
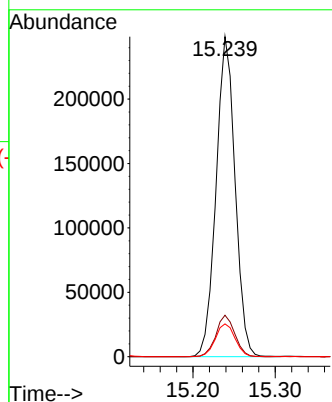
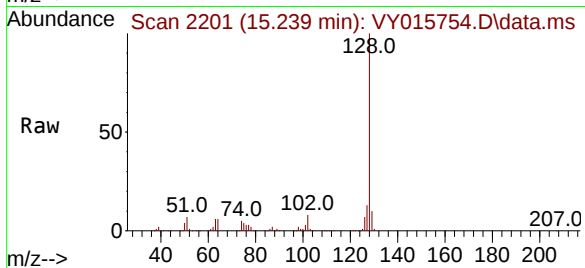
Tgt Ion:128 Resp: 398541

Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 61.411 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY015754.D

Acq: 28 Sep 2023 19:27

Tgt Ion:180 Resp: 128217

Ion Ratio Lower Upper

180 100

182 95.0 47.3 141.8

145 32.3 15.4 46.2

