

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083123\
 Data File : VY015391.D
 Acq On : 31 Aug 2023 09:41
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050

Quant Time: Sep 01 00:42:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	159774	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	269421	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	250765	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	129122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	88290	51.549	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.100%	
35) Dibromofluoromethane	7.716	113	80684	51.994	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.980%	
50) Toluene-d8	10.179	98	274697	48.881	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.760%	
62) 4-Bromofluorobenzene	12.483	95	104357	50.022	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.040%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	62697	45.143	ug/l	100
3) Chloromethane	2.113	50	95111	51.565	ug/l	100
4) Vinyl Chloride	2.247	62	102270	47.636	ug/l	99
5) Bromomethane	2.643	94	76858	50.313	ug/l	100
6) Chloroethane	2.784	64	71261	50.499	ug/l	96
7) Trichlorofluoromethane	3.119	101	138928	45.748	ug/l	100
8) Diethyl Ether	3.527	74	54574	52.584	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.893	101	77011	45.754	ug/l	95
10) Methyl Iodide	4.088	142	97295	49.224	ug/l	98
11) Tert butyl alcohol	4.972	59	104512	281.486	ug/l #	88
12) 1,1-Dichloroethene	3.869	96	76242	48.003	ug/l	92
13) Acrolein	3.735	56	153214	318.640	ug/l	98
14) Allyl chloride	4.479	41	131330	51.934	ug/l	95
15) Acrylonitrile	5.167	53	190124	291.128	ug/l	99
16) Acetone	3.960	43	262494	367.178	ug/l	94
17) Carbon Disulfide	4.192	76	230347	48.512	ug/l	100
18) Methyl Acetate	4.485	43	147792	57.076	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	272620	52.812	ug/l	100
20) Methylene Chloride	4.716	84	101001	42.930	ug/l	92
21) trans-1,2-Dichloroethene	5.216	96	91649	50.111	ug/l	98
22) Diisopropyl ether	6.118	45	288392	52.145	ug/l	93
23) Vinyl Acetate	6.058	43	978882	280.328	ug/l	95
24) 1,1-Dichloroethane	6.015	63	159976	50.038	ug/l	96
25) 2-Butanone	6.990	43	340261	335.577	ug/l	98
26) 2,2-Dichloropropane	6.984	77	140734	51.827	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	106832	51.490	ug/l	95
28) Bromochloromethane	7.332	49	50889	51.905	ug/l	98
29) Tetrahydrofuran	7.350	42	188085	295.388	ug/l	94
30) Chloroform	7.502	83	170846	50.833	ug/l	97
31) Cyclohexane	7.783	56	134249	44.126	ug/l	91
32) 1,1,1-Trichloroethane	7.704	97	145275	48.393	ug/l	99
36) 1,1-Dichloropropene	7.917	75	125268	45.973	ug/l	99
37) Ethyl Acetate	7.076	43	120872	57.517	ug/l	97
38) Carbon Tetrachloride	7.899	117	129282	45.939	ug/l	99
39) Methylcyclohexane	9.185	83	151106	44.049	ug/l	94
40) Benzene	8.161	78	369740	48.636	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	165363	167.800	ug/l #	29
42) 1,2-Dichloroethane	8.234	62	124199	48.994	ug/l	95
43) Isopropyl Acetate	8.271	43	198248	54.554	ug/l	98
44) Trichloroethene	8.941	130	103491	48.115	ug/l	97
45) 1,2-Dichloropropane	9.215	63	96429	50.317	ug/l	99
46) Dibromomethane	9.307	93	64410	50.597	ug/l	96
47) Bromodichloromethane	9.496	83	136940	50.302	ug/l	96
48) Methyl methacrylate	9.295	41	89530	53.697	ug/l	92
49) 1,4-Dioxane	9.307	88	26721	1130.071	ug/l #	49
51) 4-Methyl-2-Pentanone	10.069	43	613247	290.344	ug/l	94
52) Toluene	10.240	92	235920	48.419	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	151043	52.206	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	161427	51.292	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	88321	51.491	ug/l	96
56) Ethyl methacrylate	10.508	69	136446	53.680	ug/l	90
57) 1,3-Dichloropropane	10.788	76	151310	51.246	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	248461	273.857	ug/l	95
59) 2-Hexanone	10.831	43	500411	315.748	ug/l	93
60) Dibromochloromethane	10.983	129	104842	52.222	ug/l	100
61) 1,2-Dibromoethane	11.087	107	91490	52.640	ug/l	99
64) Tetrachloroethene	10.721	164	108177	47.527	ug/l	97
65) Chlorobenzene	11.514	112	258230	47.788	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	95888	48.481	ug/l	98
67) Ethyl Benzene	11.593	91	457577	47.158	ug/l	98
68) m/p-Xylenes	11.703	106	356228	94.715	ug/l	95
69) o-Xylene	12.032	106	171348	47.671	ug/l	97
70) Styrene	12.044	104	296466	49.054	ug/l	98
71) Bromoform	12.209	173	74447	53.960	ug/l #	98
73) Isopropylbenzene	12.331	105	447222	46.111	ug/l	100
74) N-amyl acetate	12.142	43	179062	54.953	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	123710	53.432	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	164915	96.312	ug/l #	100
77) Bromobenzene	12.611	156	110952	48.301	ug/l	95
78) n-propylbenzene	12.672	91	552356	47.066	ug/l	100
79) 2-Chlorotoluene	12.758	91	313914	47.689	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	380073	46.851	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	43585	56.149	ug/l	97
82) 4-Chlorotoluene	12.855	91	328141	47.966	ug/l	100
83) tert-Butylbenzene	13.075	119	323925	45.588	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	384905	47.787	ug/l	99
85) sec-Butylbenzene	13.251	105	489326	46.171	ug/l	99
86) p-Isopropyltoluene	13.367	119	413016	46.498	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	217229	47.901	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	219520	47.887	ug/l	100
89) n-Butylbenzene	13.696	91	393681	47.090	ug/l	97
90) Hexachloroethane	13.959	117	77100	48.533	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	202893	49.025	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	25522	55.724	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	130322	50.142	ug/l	99
94) Hexachlorobutadiene	15.111	225	65458	46.187	ug/l	98
95) Naphthalene	15.239	128	355843	55.271	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	120400	50.787	ug/l	99

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QLast Update : Thu Aug 31 20:01:47 2023
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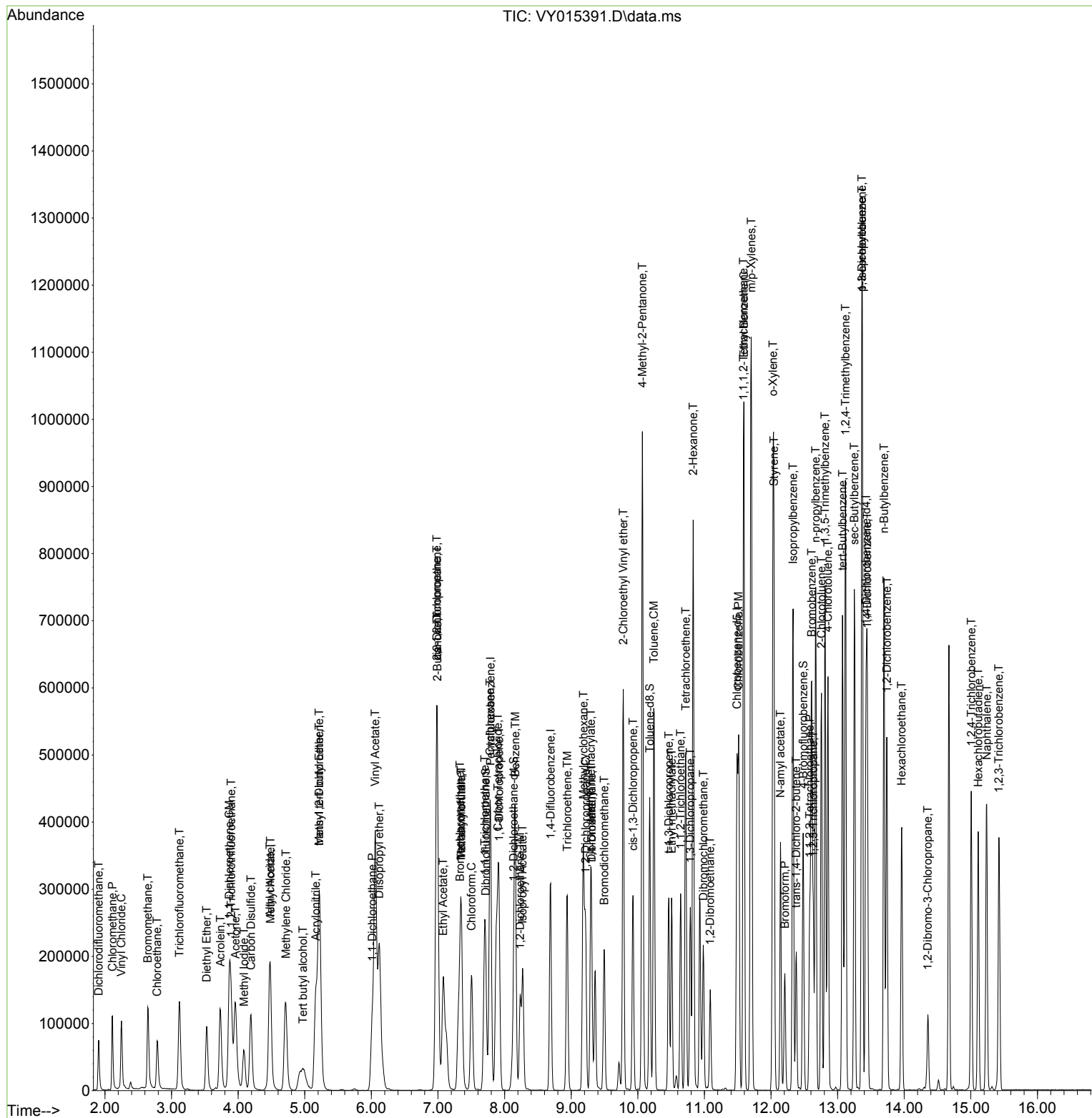
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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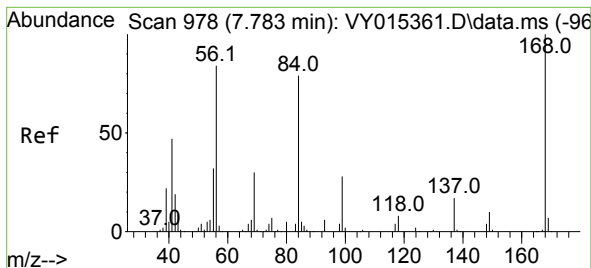
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY015391.D

Acq: 31 Aug 2023 09:41

Instrument :

MSVOA_Y

ClientSampleId :

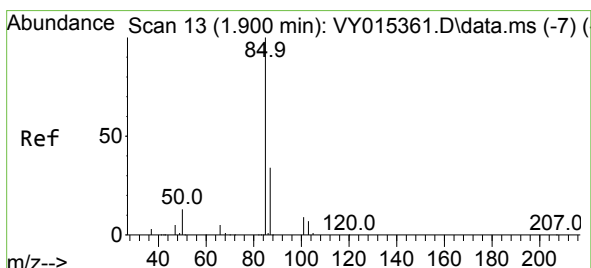
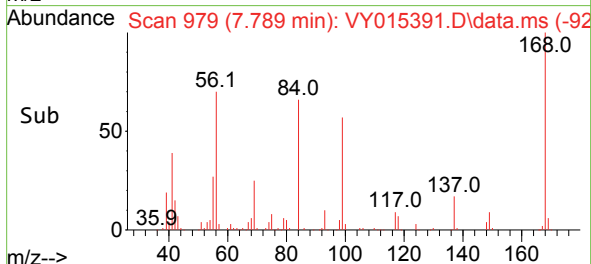
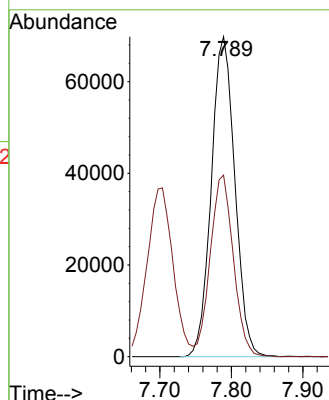
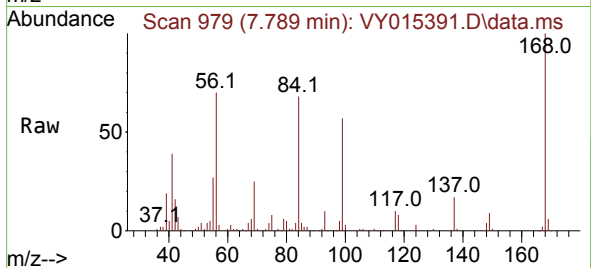
VSTDCCC050

Tgt Ion:168 Resp: 159774

Ion Ratio Lower Upper

168 100

99 56.8 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 45.143 ug/l

RT: 1.906 min Scan# 14

Delta R.T. 0.006 min

Lab File: VY015391.D

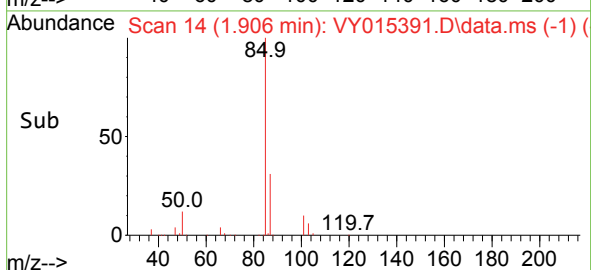
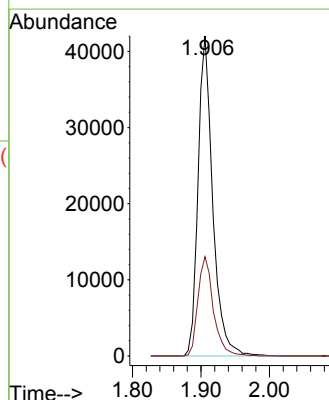
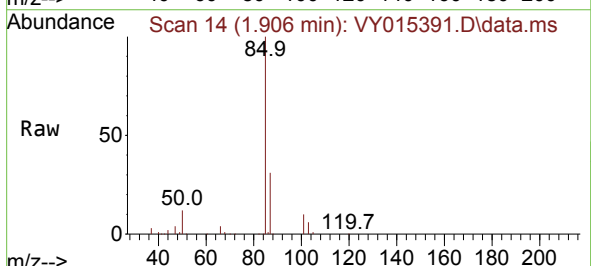
Acq: 31 Aug 2023 09:41

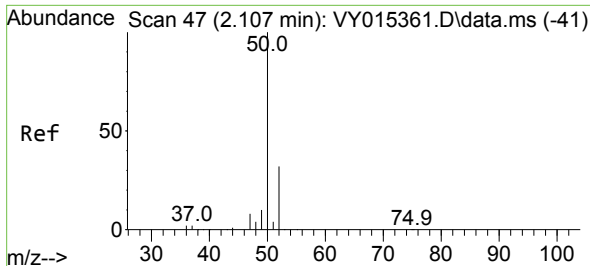
Tgt Ion: 85 Resp: 62697

Ion Ratio Lower Upper

85 100

87 31.0 15.6 46.8

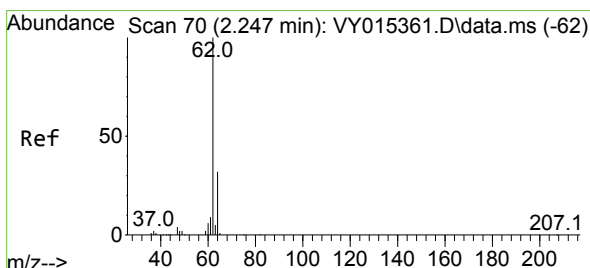
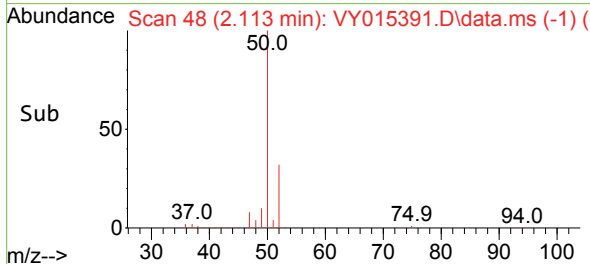
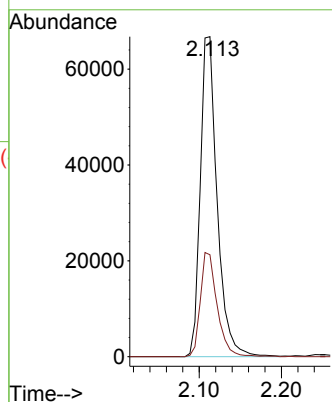
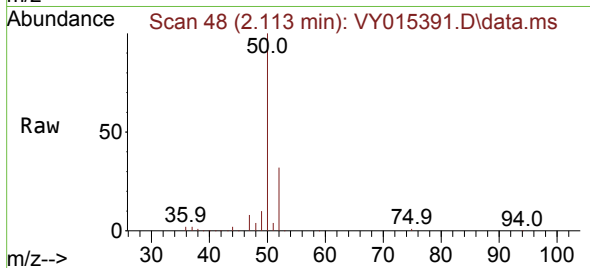




#3
Chloromethane
Concen: 51.565 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015391.D
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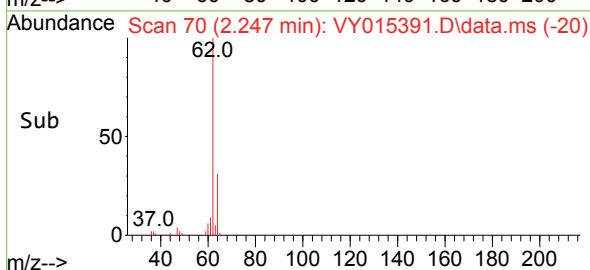
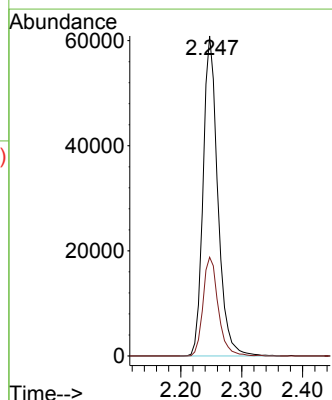
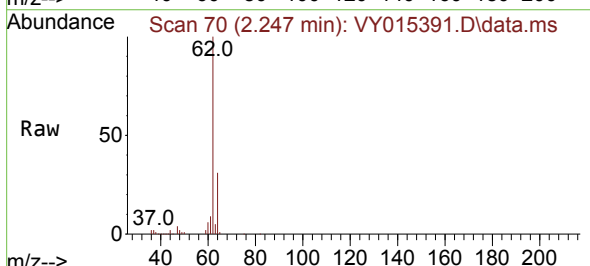
Instrument :
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ClientSampleId :
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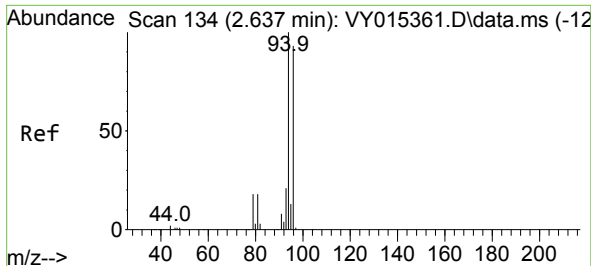
Tgt Ion: 50 Resp: 95111
Ion Ratio Lower Upper
50 100
52 31.9 25.4 38.2



#4
Vinyl Chloride
Concen: 47.636 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY015391.D
Acq: 31 Aug 2023 09:41

Tgt Ion: 62 Resp: 102270
Ion Ratio Lower Upper
62 100
64 30.9 24.3 36.5

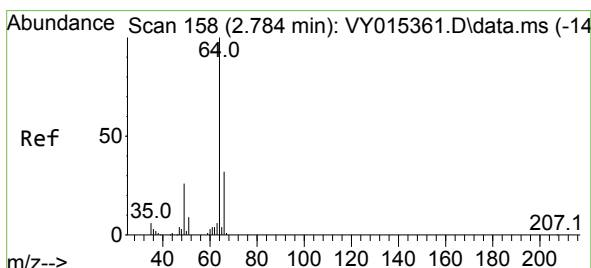
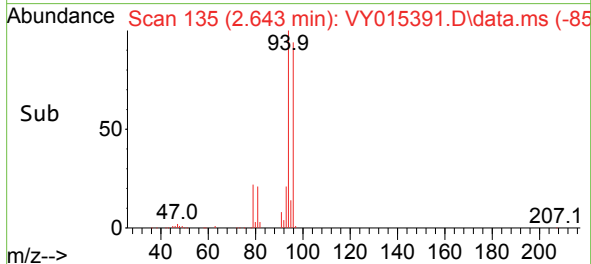
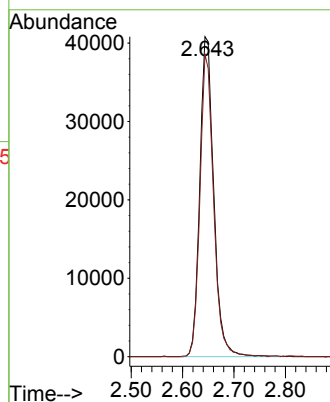
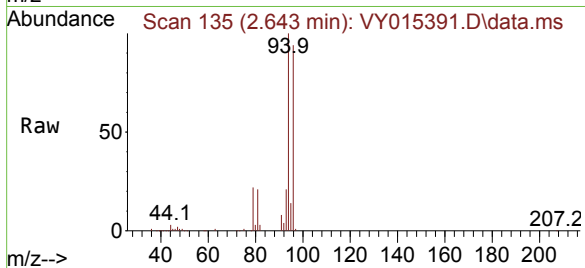




#5
Bromomethane
Concen: 50.313 ug/l
RT: 2.643 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015391.D
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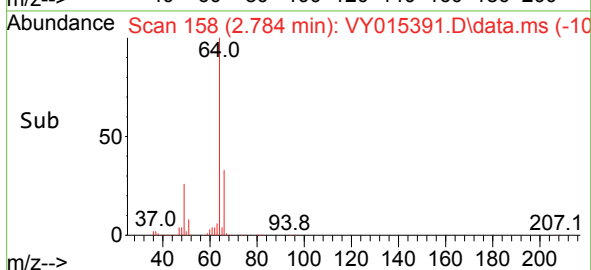
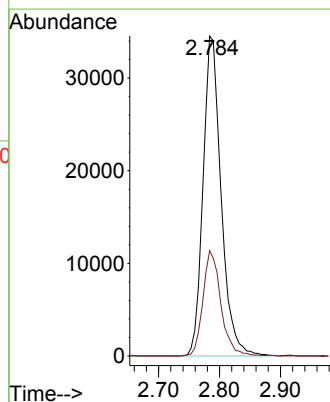
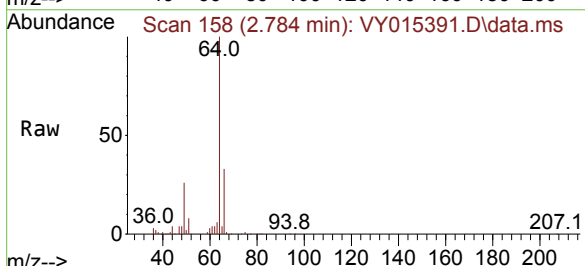
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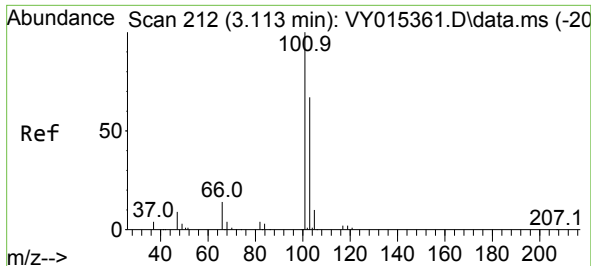
Tgt Ion: 94 Resp: 76858
Ion Ratio Lower Upper
94 100
96 94.4 75.8 113.6



#6
Chloroethane
Concen: 50.499 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.000 min
Lab File: VY015391.D
Acq: 31 Aug 2023 09:41

Tgt Ion: 64 Resp: 71261
Ion Ratio Lower Upper
64 100
66 32.9 24.4 36.6

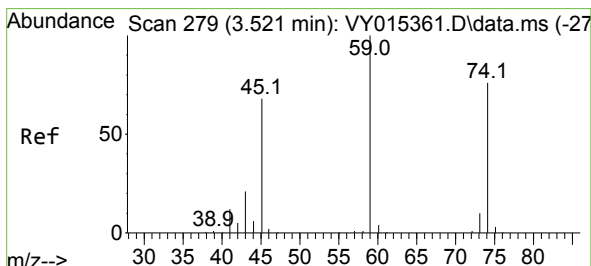
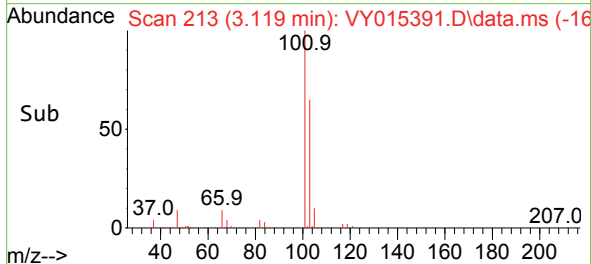
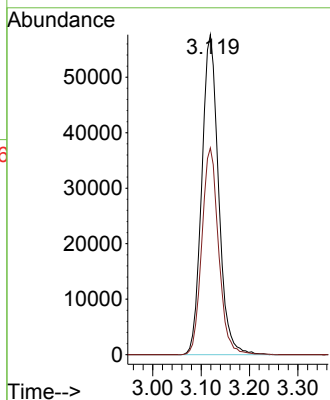
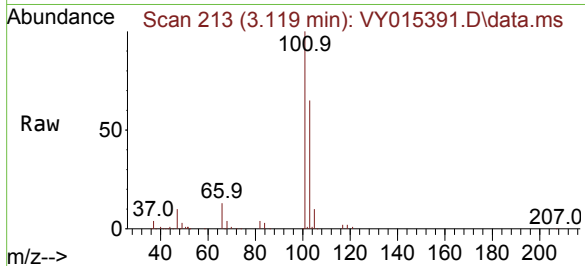




#7
 Trichlorofluoromethane
 Concen: 45.748 ug/l
 RT: 3.119 min Scan# 212
 Delta R.T. 0.006 min
 Lab File: VY015391.D
 Acq: 31 Aug 2023 09:41

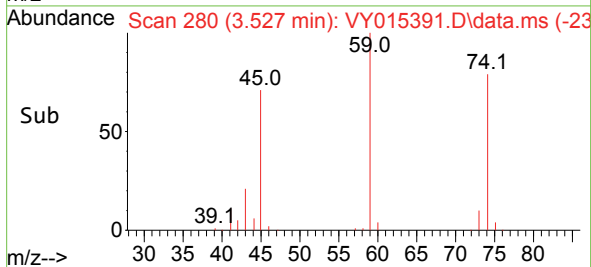
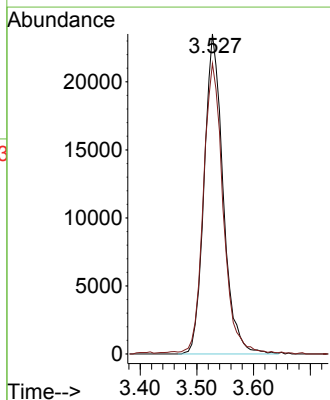
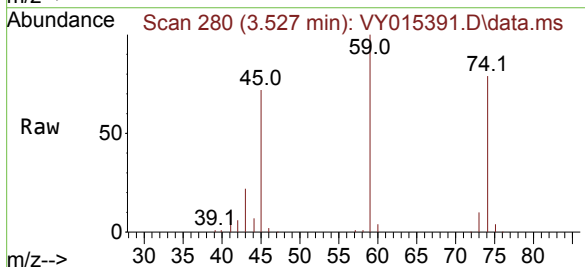
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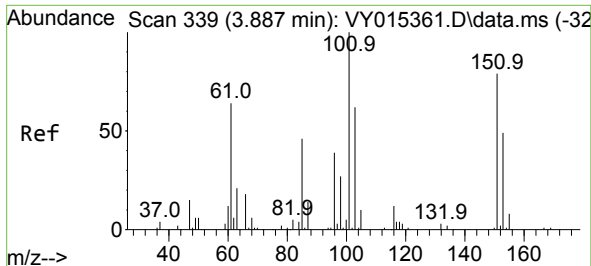
Tgt Ion:101 Resp: 138928
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.4 77.0



#8
 Diethyl Ether
 Concen: 52.584 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.006 min
 Lab File: VY015391.D
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Tgt Ion: 74 Resp: 54574
 Ion Ratio Lower Upper
 74 100
 45 95.9 51.5 154.5

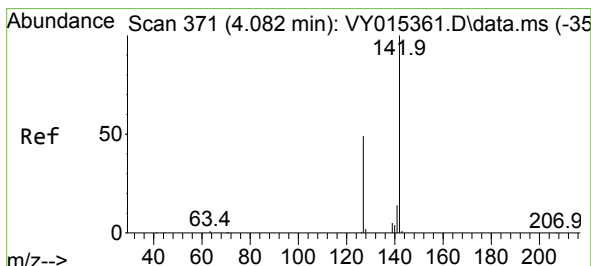
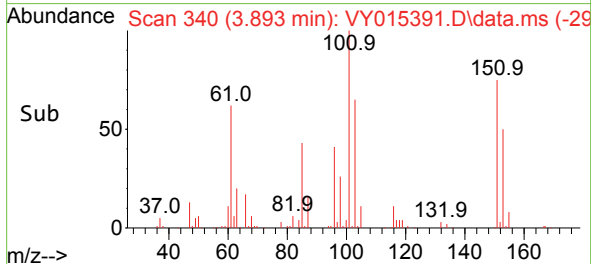
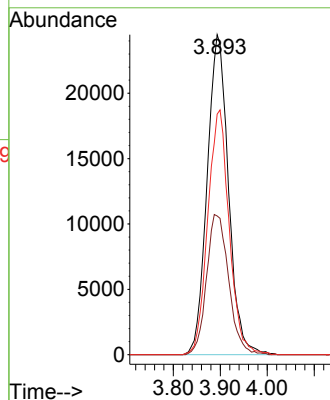
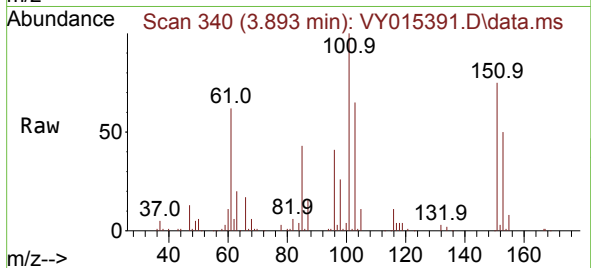




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.754 ug/l
RT: 3.893 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY015391.D
Acq: 31 Aug 2023 09:41

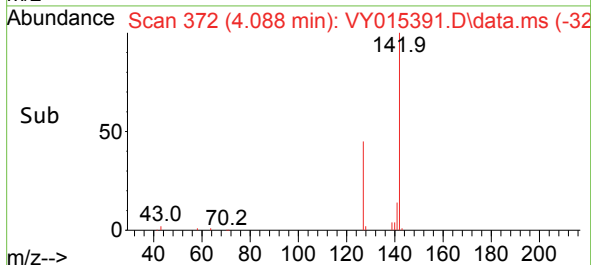
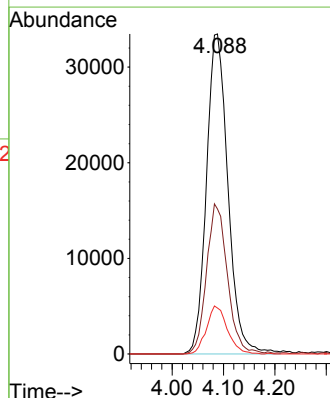
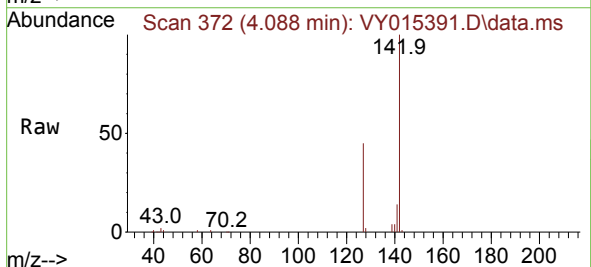
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

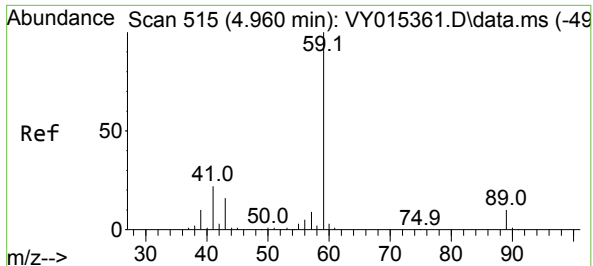
Tgt Ion:101 Resp: 77011
Ion Ratio Lower Upper
101 100
85 45.5 36.6 55.0
151 76.9 67.0 100.6



#10
Methyl Iodide
Concen: 49.224 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY015391.D
Acq: 31 Aug 2023 09:41

Tgt Ion:142 Resp: 97295
Ion Ratio Lower Upper
142 100
127 45.4 37.6 56.4
141 14.6 11.8 17.8





#11

Tert butyl alcohol

Concen: 281.486 ug/l

RT: 4.972 min Scan# 515

Delta R.T. 0.018 min

Lab File: VY015391.D

Acq: 31 Aug 2023 09:41

Instrument :

MSVOA_Y

ClientSampleId :

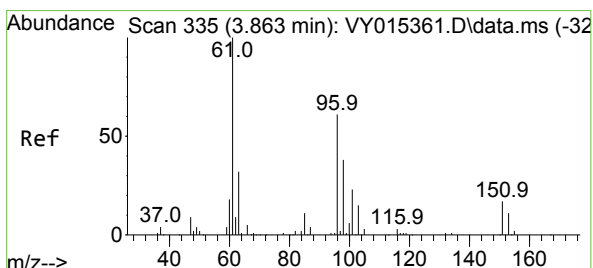
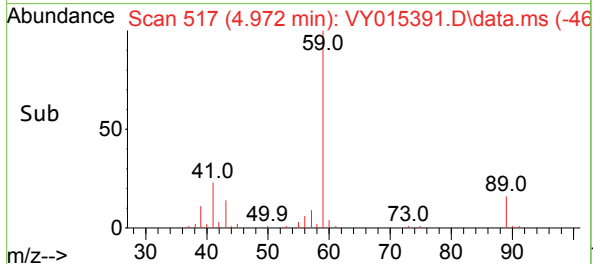
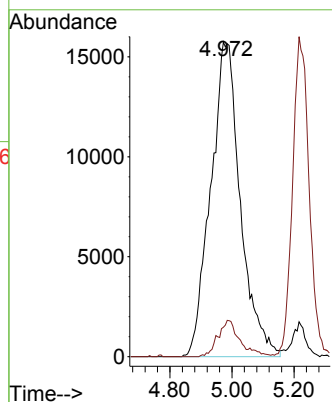
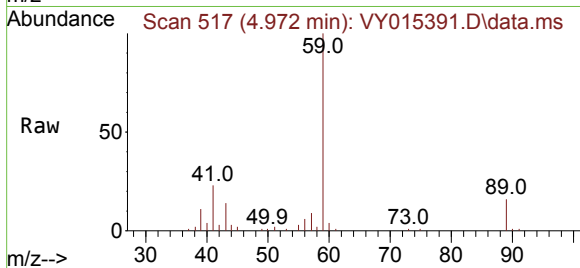
VSTDCCC050

Tgt Ion: 59 Resp: 104512

Ion Ratio Lower Upper

59 100

57 7.7 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 48.003 ug/l

RT: 3.869 min Scan# 336

Delta R.T. 0.006 min

Lab File: VY015391.D

Acq: 31 Aug 2023 09:41

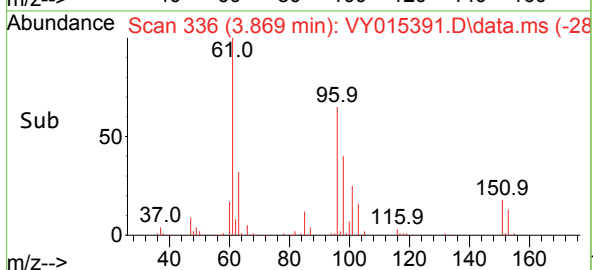
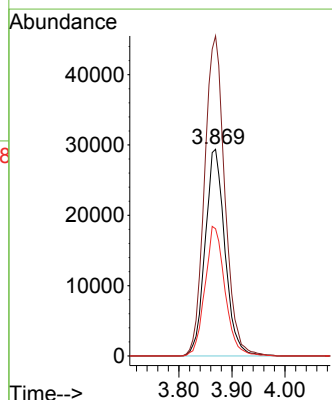
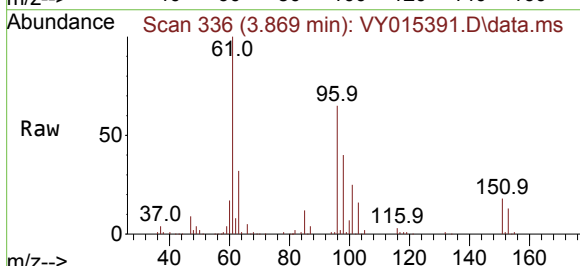
Tgt Ion: 96 Resp: 76242

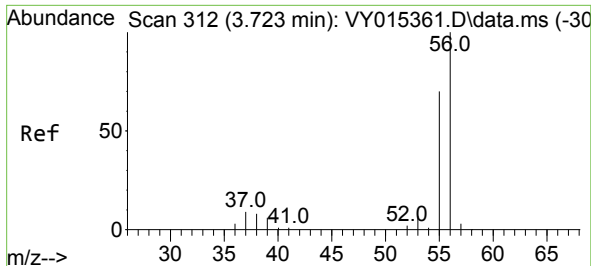
Ion Ratio Lower Upper

96 100

61 154.8 136.4 204.6

98 61.5 49.4 74.2

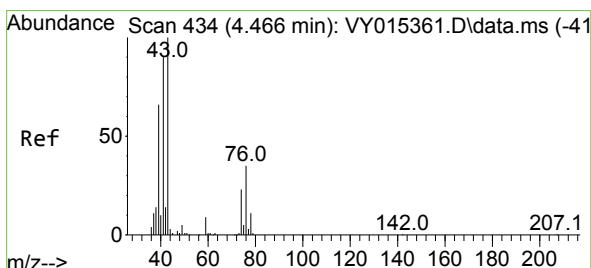
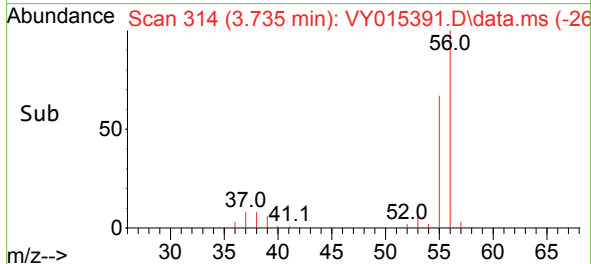
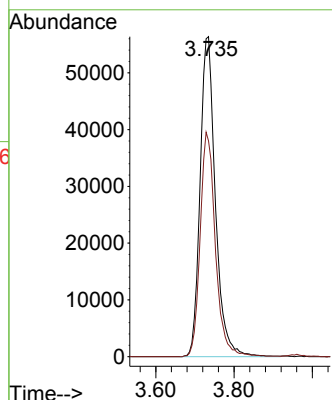
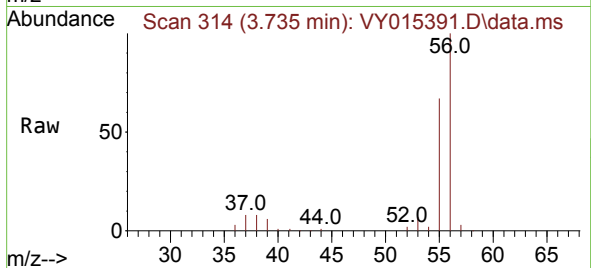




#13
Acrolein
Concen: 318.640 ug/l
RT: 3.735 min Scan# 312
Delta R.T. 0.012 min
Lab File: VY015391.D
Acq: 31 Aug 2023 09:41

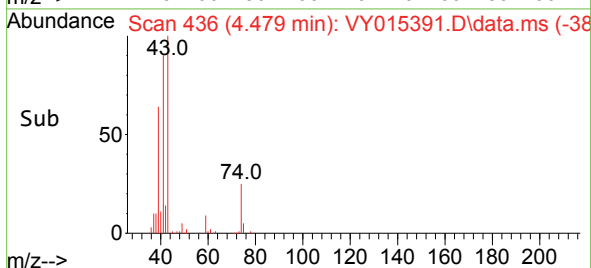
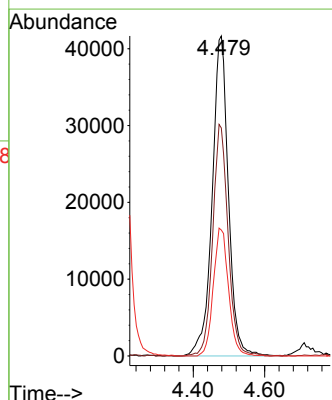
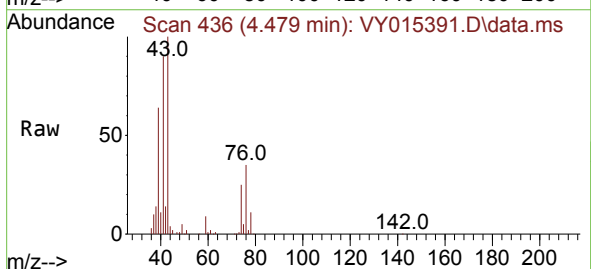
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

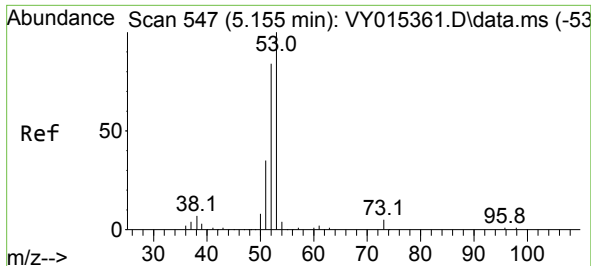
Tgt Ion: 56 Resp: 153214
Ion Ratio Lower Upper
56 100
55 69.8 57.0 85.4



#14
Allyl chloride
Concen: 51.934 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY015391.D
Acq: 31 Aug 2023 09:41

Tgt Ion: 41 Resp: 131330
Ion Ratio Lower Upper
41 100
39 68.5 58.0 87.0
76 37.4 27.4 41.2

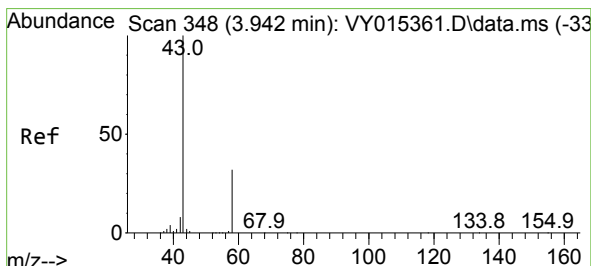
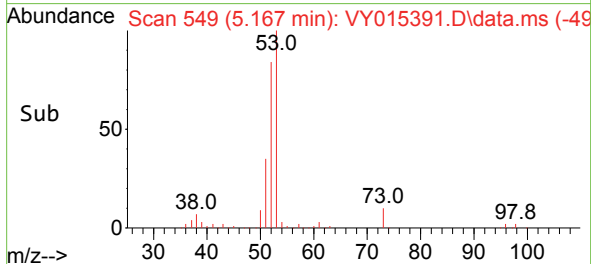
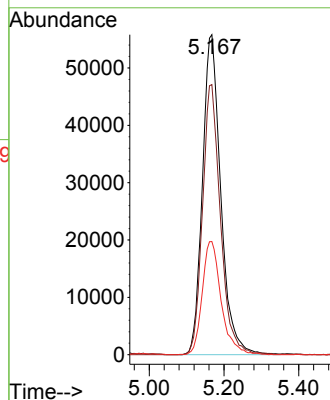
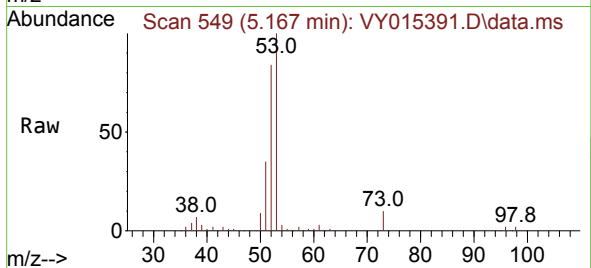




#15
Acrylonitrile
Concen: 291.128 ug/l
RT: 5.167 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY015391.D
Acq: 31 Aug 2023 09:41

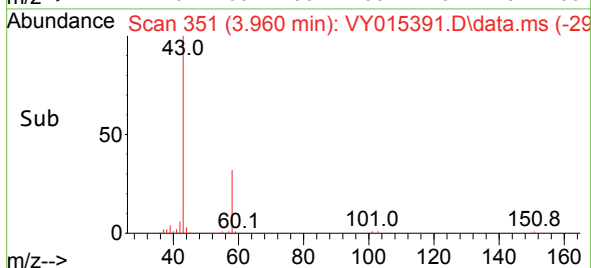
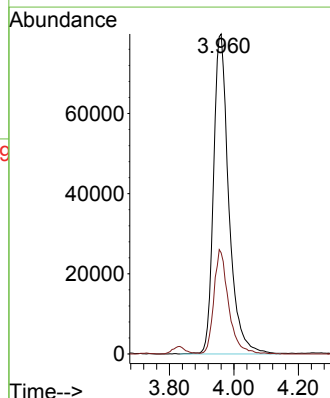
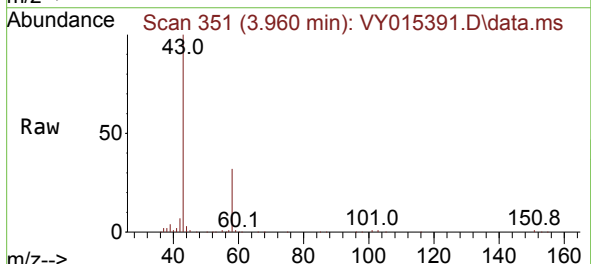
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

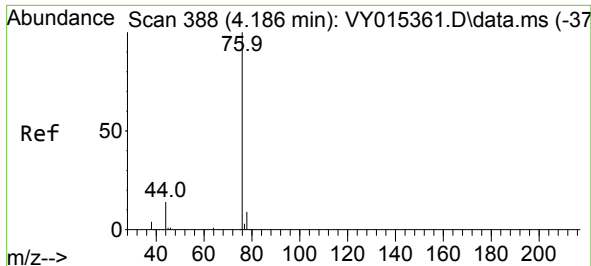
Tgt Ion: 53 Resp: 190124
Ion Ratio Lower Upper
53 100
52 82.1 66.9 100.3
51 36.6 29.8 44.6



#16
Acetone
Concen: 367.178 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY015391.D
Acq: 31 Aug 2023 09:41

Tgt Ion: 43 Resp: 262494
Ion Ratio Lower Upper
43 100
58 31.6 22.7 34.1

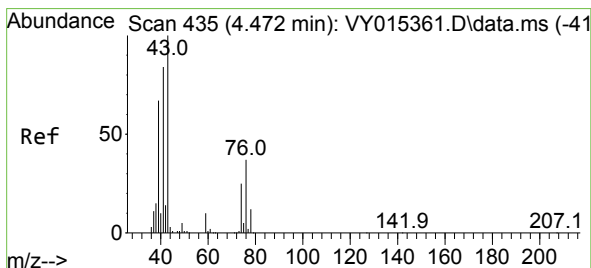
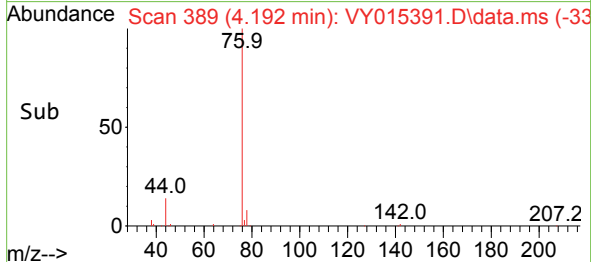
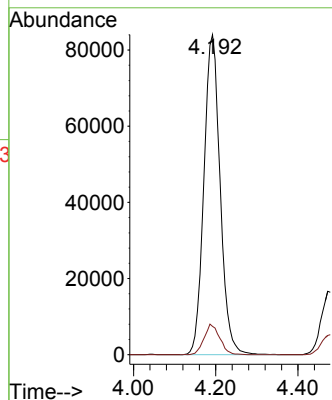
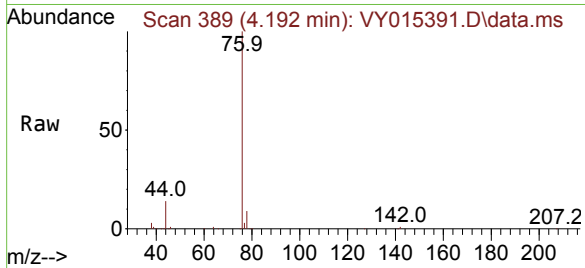




#17
Carbon Disulfide
Concen: 48.512 ug/l
RT: 4.192 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY015391.D
Acq: 31 Aug 2023 09:41

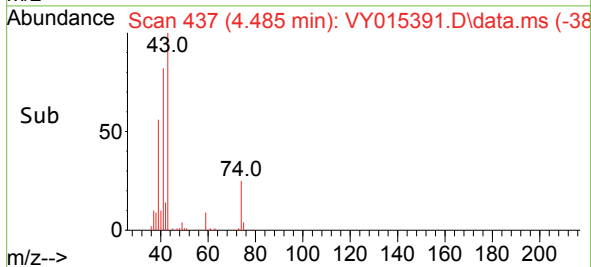
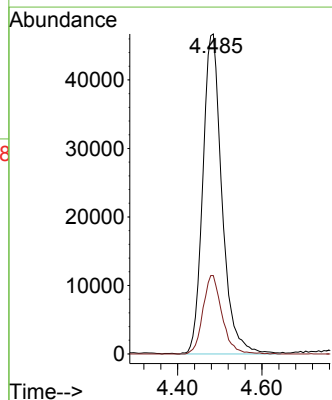
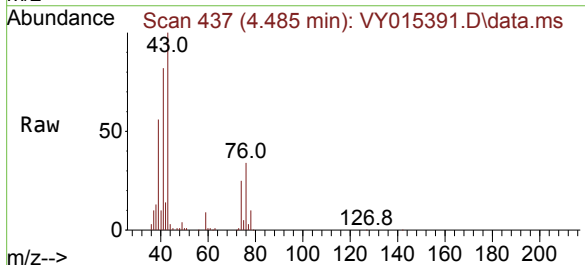
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

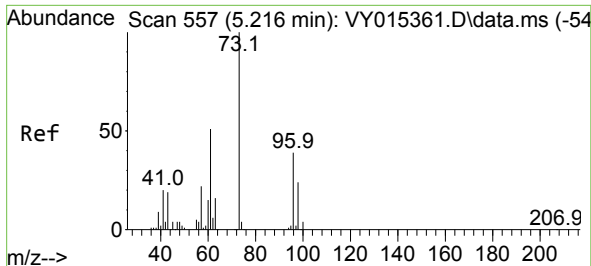
Tgt Ion: 76 Resp: 230347
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4



#18
Methyl Acetate
Concen: 57.076 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.012 min
Lab File: VY015391.D
Acq: 31 Aug 2023 09:41

Tgt Ion: 43 Resp: 147792
Ion Ratio Lower Upper
43 100
74 24.4 17.4 26.0

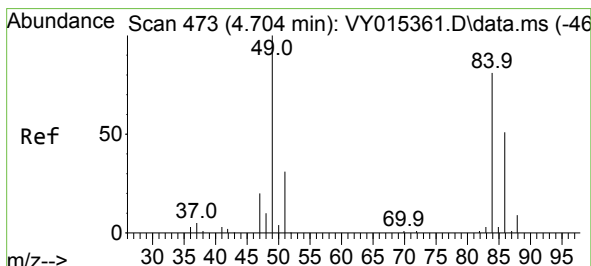
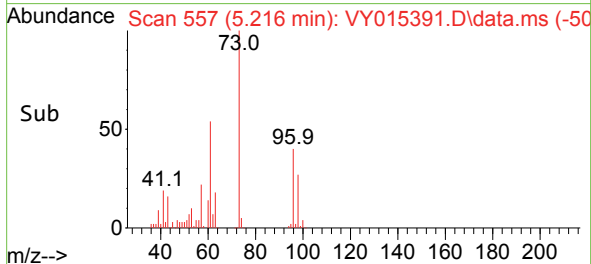
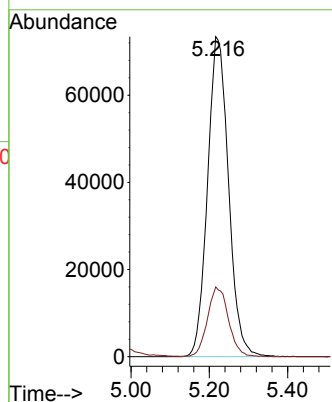
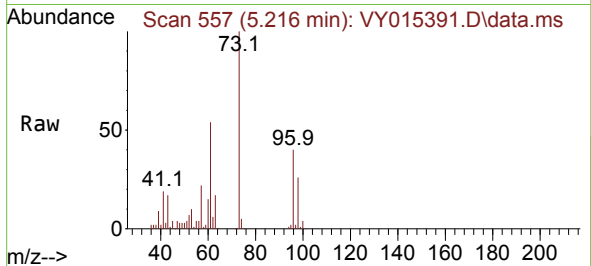




#19
Methyl tert-butyl Ether
Concen: 52.812 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015391.D
Acq: 31 Aug 2023 09:41

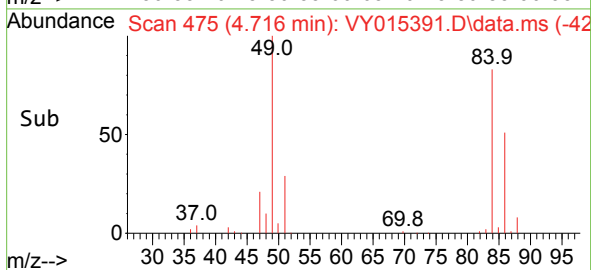
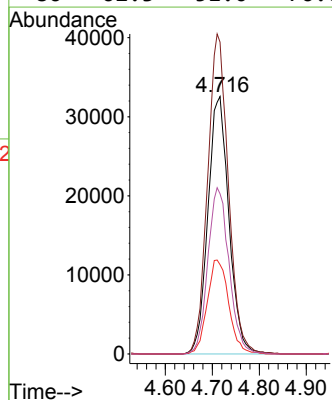
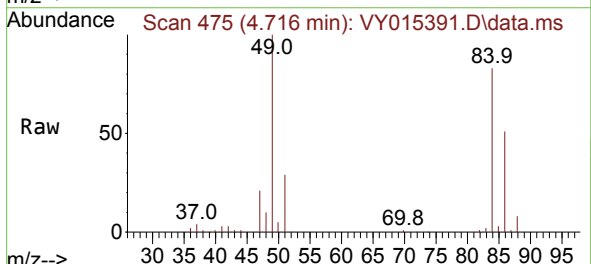
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

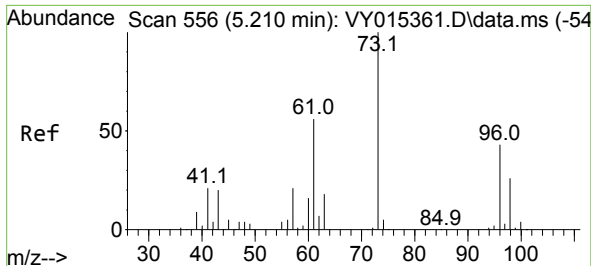
Tgt Ion: 73 Resp: 272620
Ion Ratio Lower Upper
73 100
57 21.8 17.3 25.9



#20
Methylene Chloride
Concen: 42.930 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY015391.D
Acq: 31 Aug 2023 09:41

Tgt Ion: 84 Resp: 101001
Ion Ratio Lower Upper
84 100
49 121.2 106.9 160.3
51 34.7 33.2 49.8
86 62.3 51.0 76.6

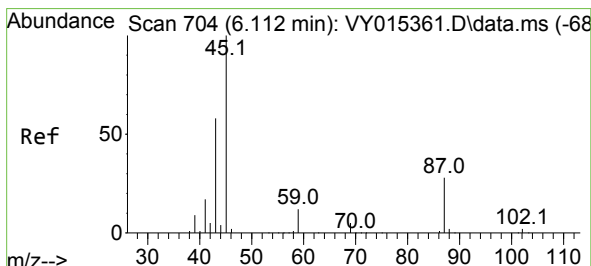
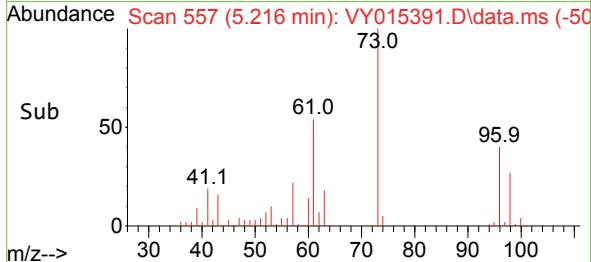
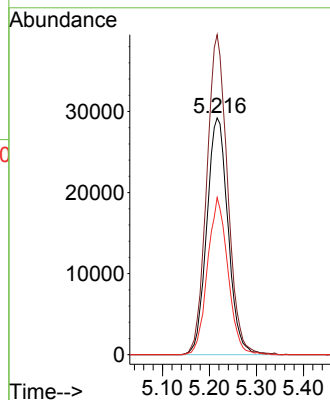
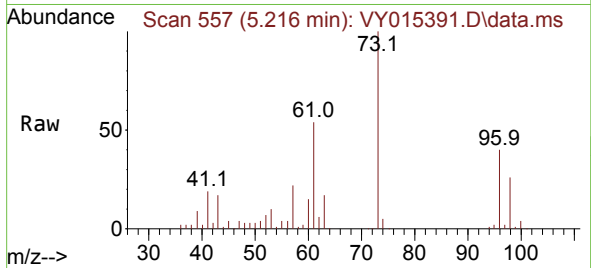




#21
trans-1,2-Dichloroethene
Concen: 50.111 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015391.D
Acq: 31 Aug 2023 09:41

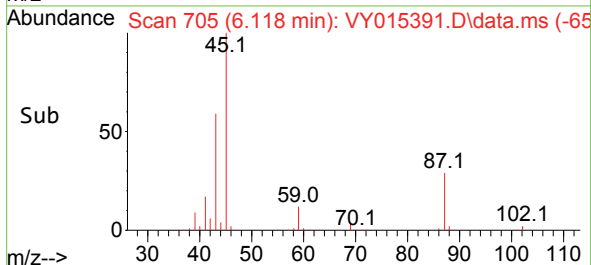
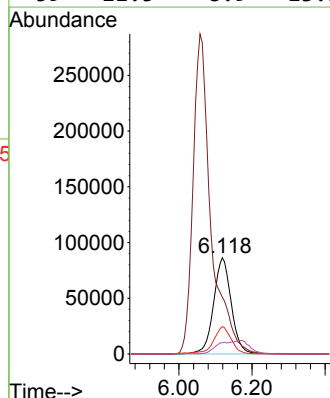
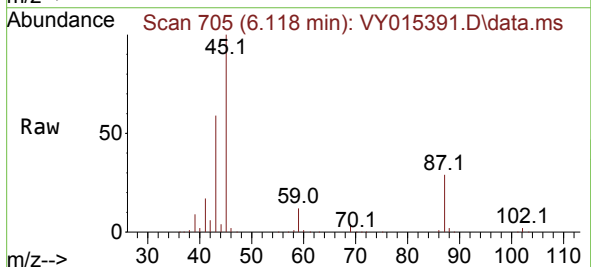
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

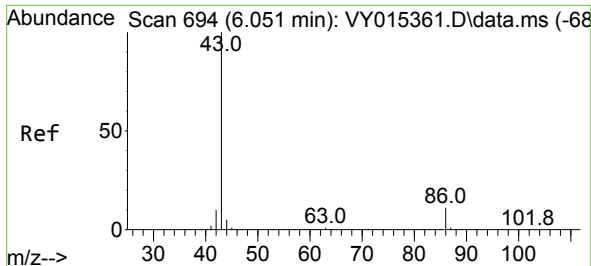
Tgt Ion: 96 Resp: 91649
Ion Ratio Lower Upper
96 100
61 135.1 110.2 165.4
98 66.3 51.8 77.6



#22
Diisopropyl ether
Concen: 52.145 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY015391.D
Acq: 31 Aug 2023 09:41

Tgt Ion: 45 Resp: 288392
Ion Ratio Lower Upper
45 100
43 58.7 52.2 78.4
87 28.5 21.0 31.6
59 11.5 8.9 13.3

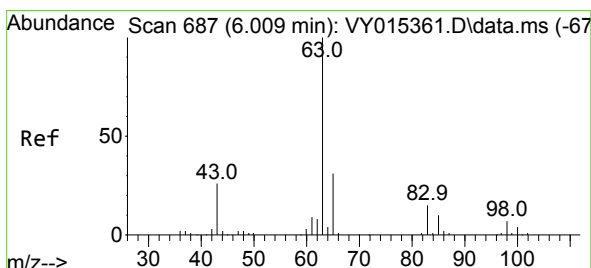
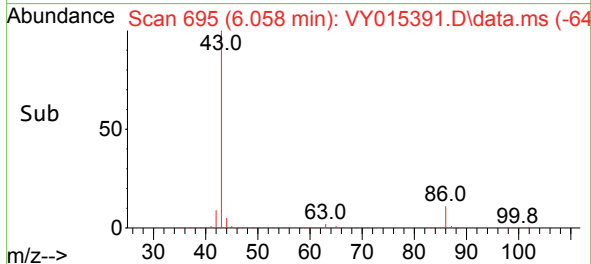
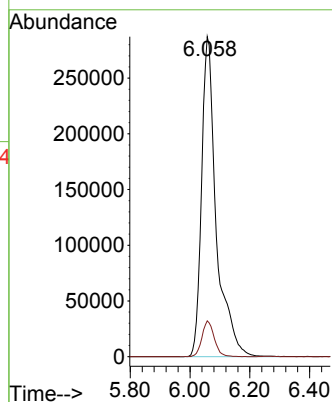
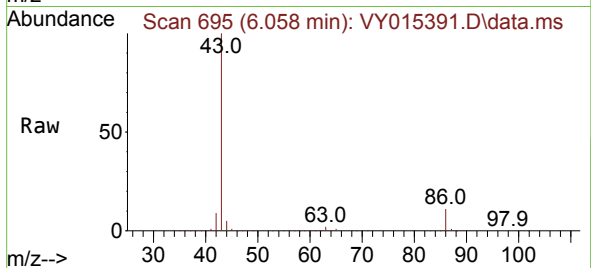




#23
 Vinyl Acetate
 Concen: 280.328 ug/l
 RT: 6.058 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY015391.D
 Acq: 31 Aug 2023 09:41

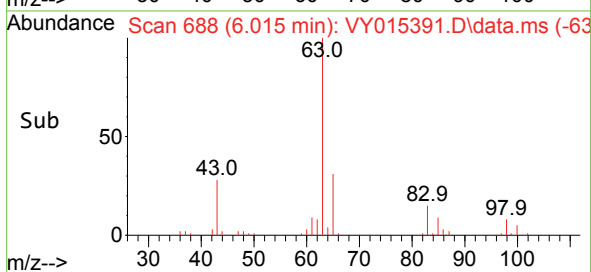
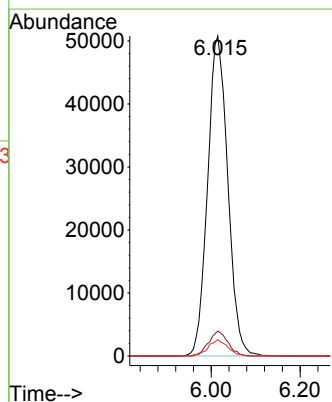
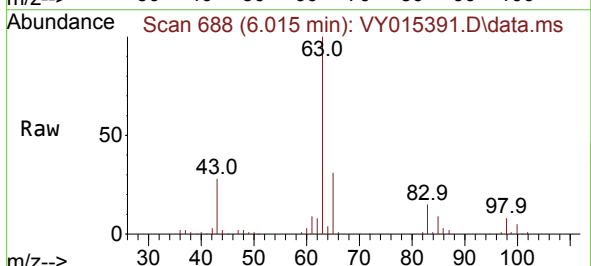
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

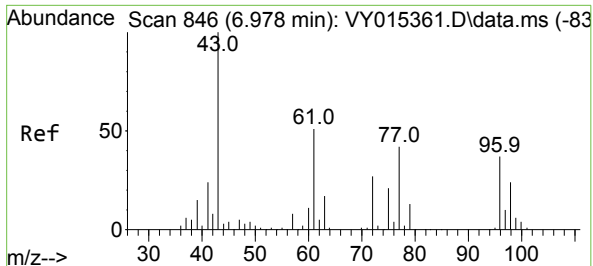
Tgt Ion: 43 Resp: 978882
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 50.038 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.012 min
 Lab File: VY015391.D
 Acq: 31 Aug 2023 09:41

Tgt Ion: 63 Resp: 159976
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.1 9.4
 100 5.1 1.8 5.5





#25

2-Butanone

Concen: 335.577 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY015391.D

Acq: 31 Aug 2023 09:41

Instrument :

MSVOA_Y

ClientSampleId :

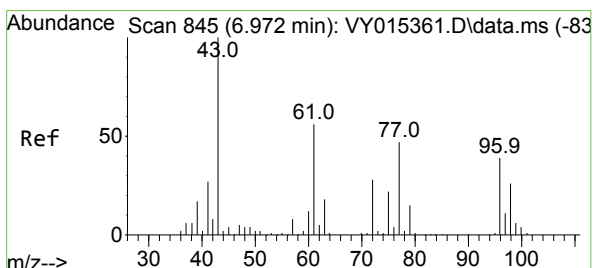
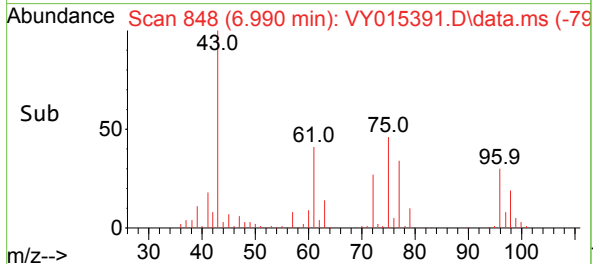
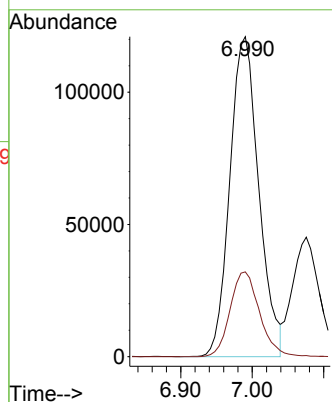
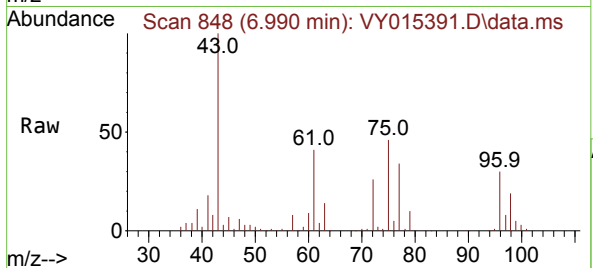
VSTDCCC050

Tgt Ion: 43 Resp: 340261

Ion Ratio Lower Upper

43 100

72 26.5 20.5 30.7



#26

2,2-Dichloropropane

Concen: 51.827 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.012 min

Lab File: VY015391.D

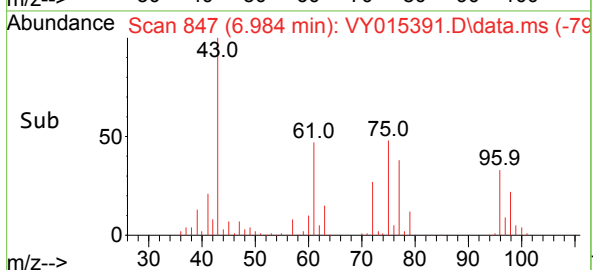
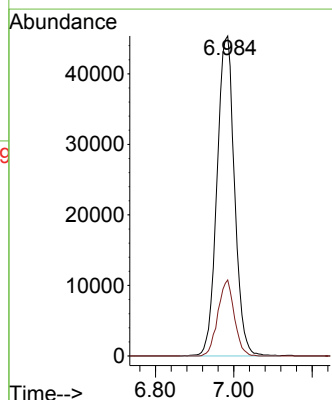
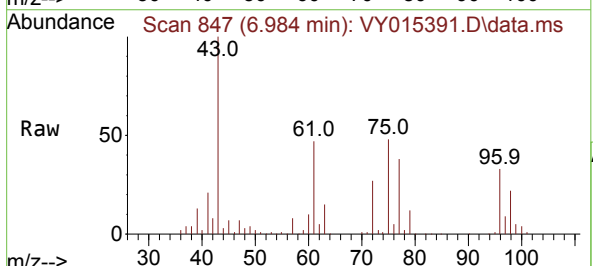
Acq: 31 Aug 2023 09:41

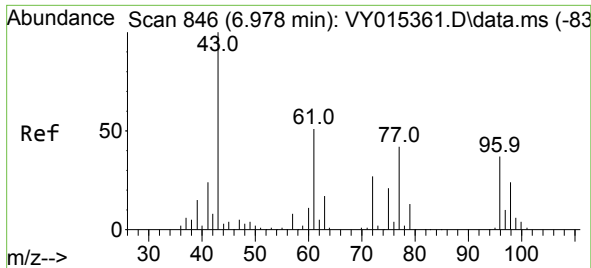
Tgt Ion: 77 Resp: 140734

Ion Ratio Lower Upper

77 100

97 22.3 10.9 32.9

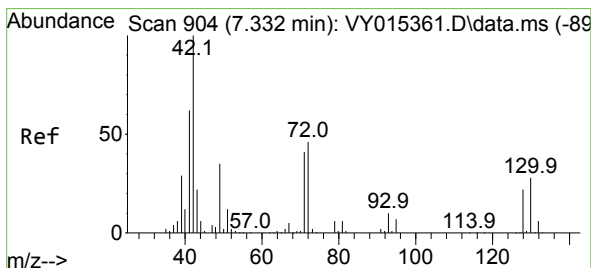
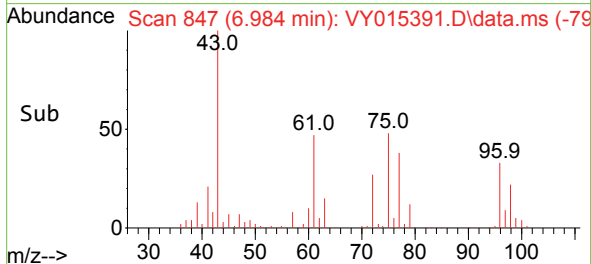
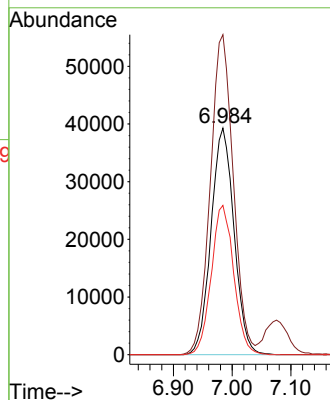
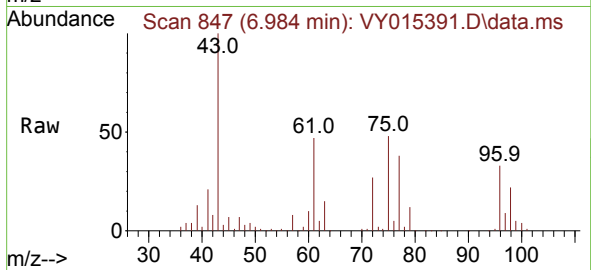




#27
 cis-1,2-Dichloroethene
 Concen: 51.490 ug/l
 RT: 6.984 min Scan# 846
 Delta R.T. 0.006 min
 Lab File: VY015391.D
 Acq: 31 Aug 2023 09:41

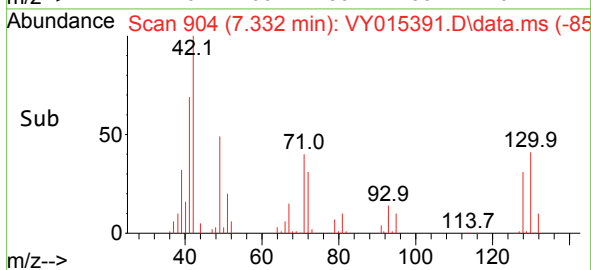
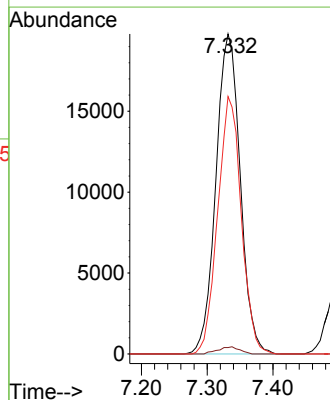
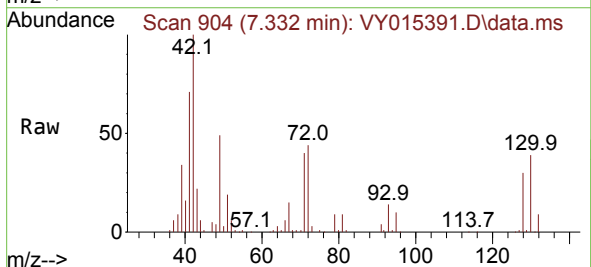
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

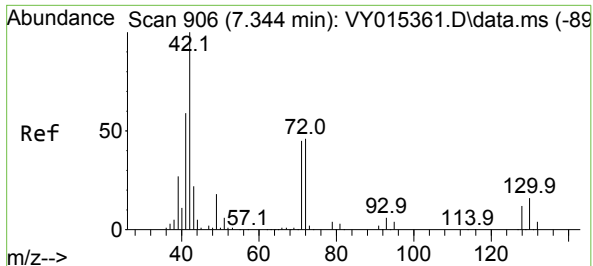
Tgt Ion: 96 Resp: 106832
 Ion Ratio Lower Upper
 96 100
 61 141.4 0.0 301.4
 98 64.4 0.0 130.4



#28
 Bromochloromethane
 Concen: 51.905 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.006 min
 Lab File: VY015391.D
 Acq: 31 Aug 2023 09:41

Tgt Ion: 49 Resp: 50889
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 78.0 60.7 91.1





#29

Tetrahydrofuran

Concen: 295.388 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY015391.D

Acq: 31 Aug 2023 09:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

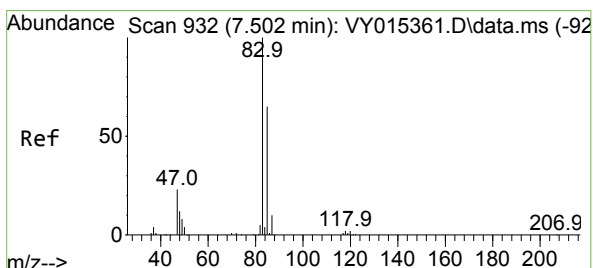
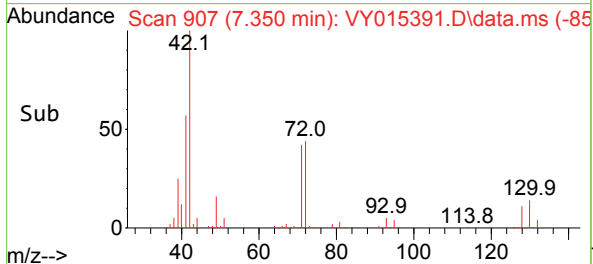
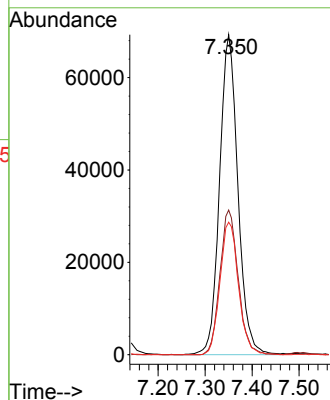
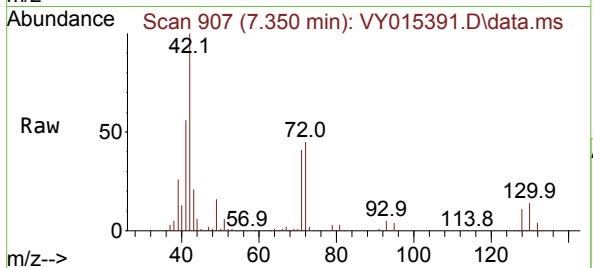
Tgt Ion: 42 Resp: 188085

Ion Ratio Lower Upper

42 100

72 45.1 32.8 49.2

71 41.8 31.0 46.4



#30

Chloroform

Concen: 50.833 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.006 min

Lab File: VY015391.D

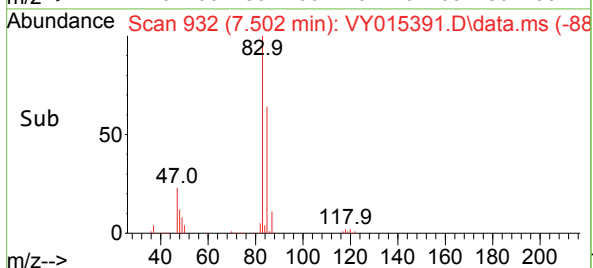
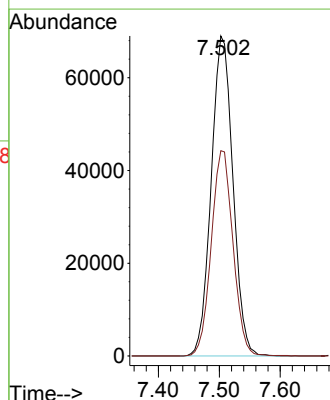
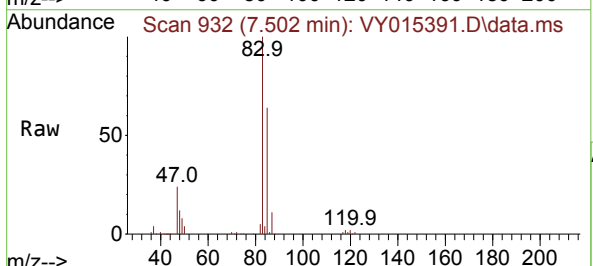
Acq: 31 Aug 2023 09:41

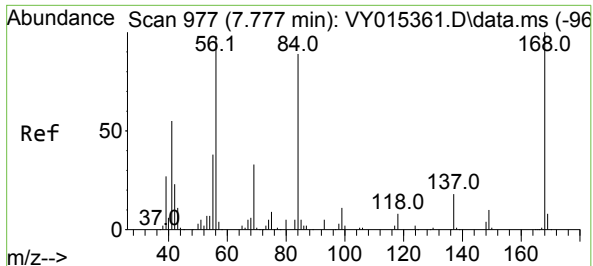
Tgt Ion: 83 Resp: 170846

Ion Ratio Lower Upper

83 100

85 64.2 49.7 74.5

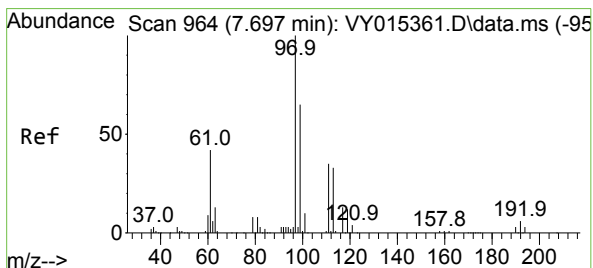
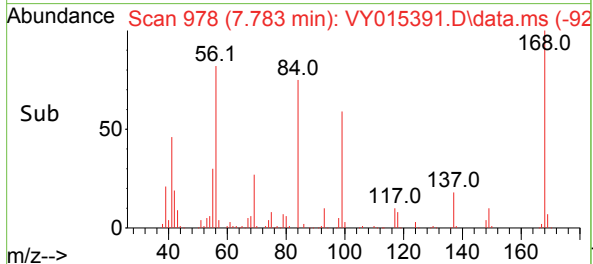
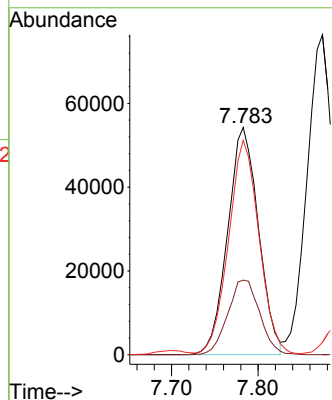
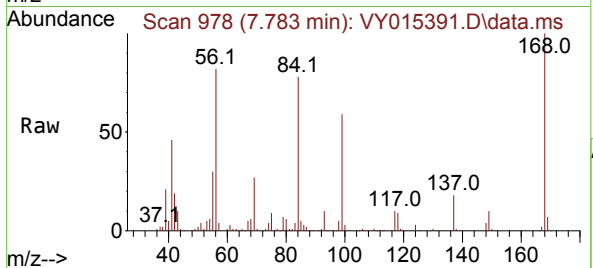




#31
Cyclohexane
Concen: 44.126 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015391.D
Acq: 31 Aug 2023 09:41

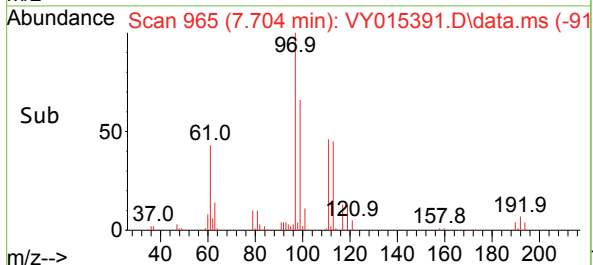
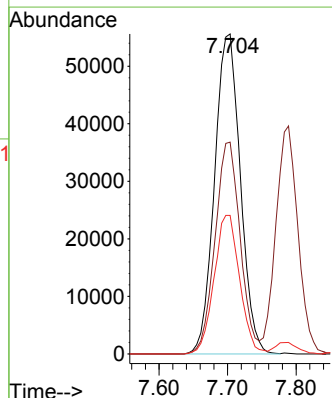
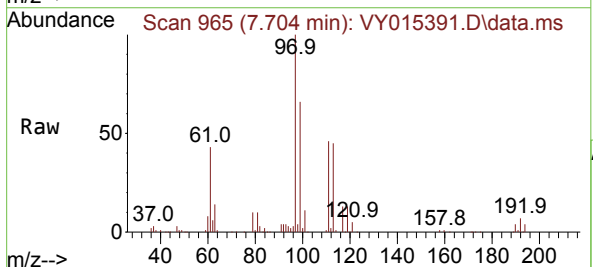
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

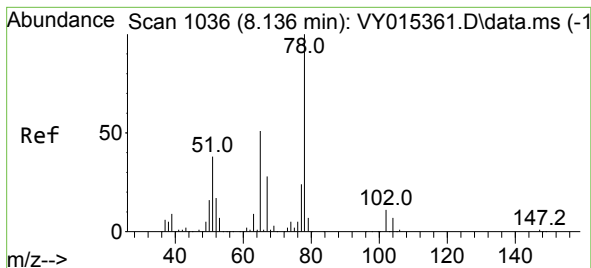
Tgt Ion: 56 Resp: 134249
Ion Ratio Lower Upper
56 100
69 32.8 27.8 41.6
84 92.7 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 48.393 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.012 min
Lab File: VY015391.D
Acq: 31 Aug 2023 09:41

Tgt Ion: 97 Resp: 145275
Ion Ratio Lower Upper
97 100
99 64.6 50.8 76.2
61 42.9 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 51.549 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015391.D

Acq: 31 Aug 2023 09:41

Instrument :

MSVOA_Y

ClientSampleId :

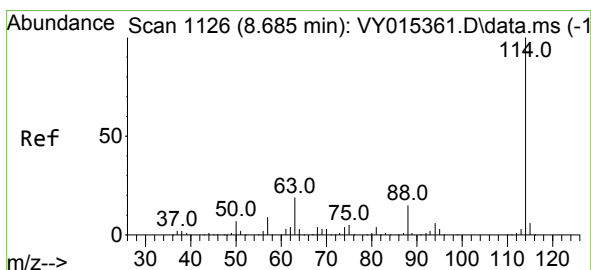
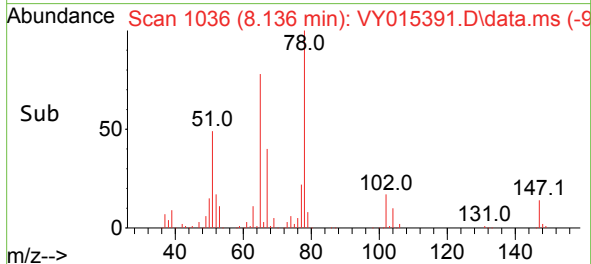
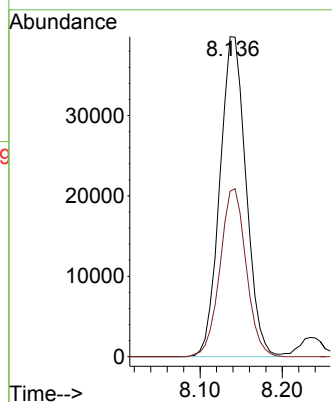
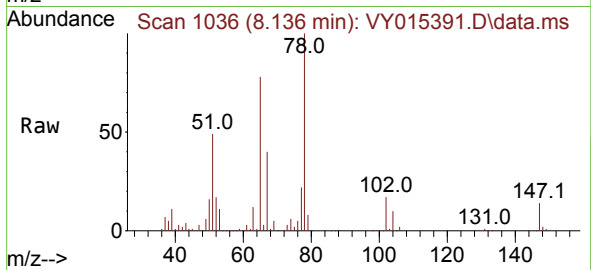
VSTDCCC050

Tgt Ion: 65 Resp: 88290

Ion Ratio Lower Upper

65 100

67 52.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015391.D

Acq: 31 Aug 2023 09:41

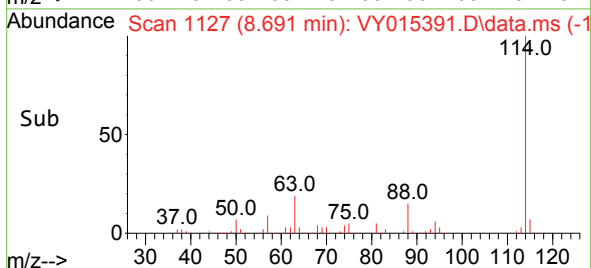
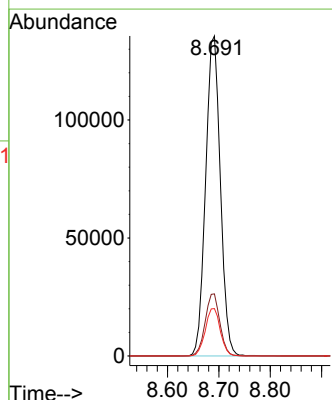
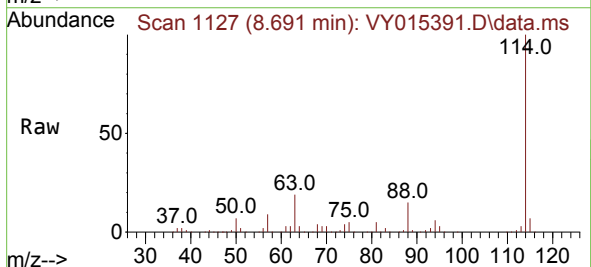
Tgt Ion: 114 Resp: 269421

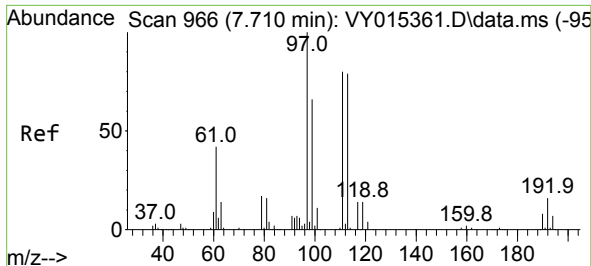
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 14.8 0.0 30.6

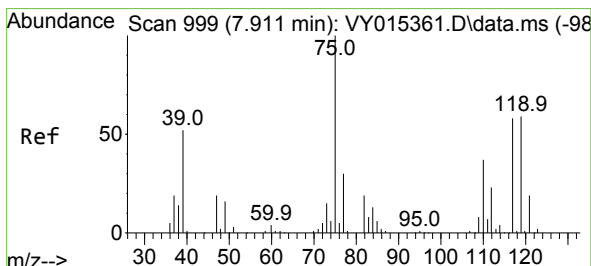
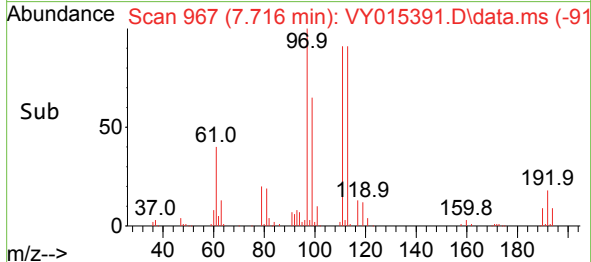
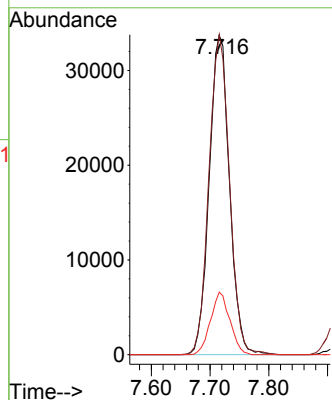
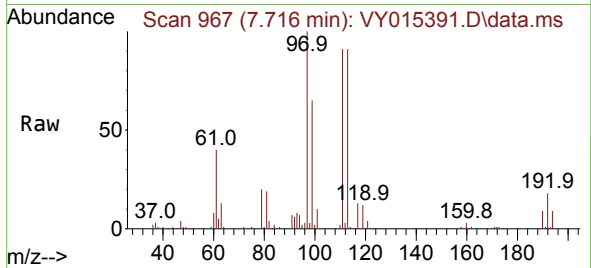




#35
Dibromofluoromethane
Concen: 51.994 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY015391.D
Acq: 31 Aug 2023 09:41

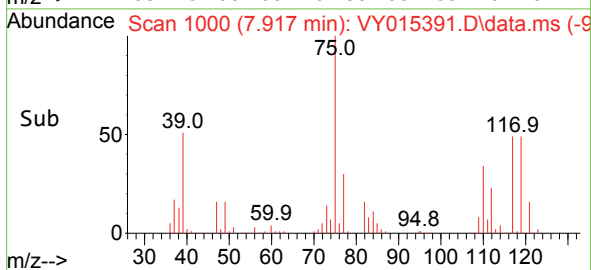
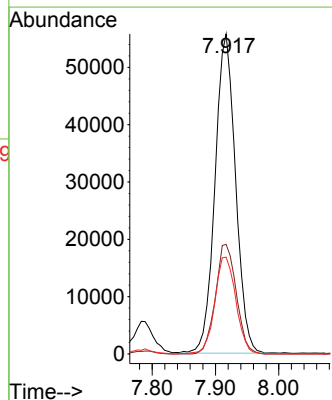
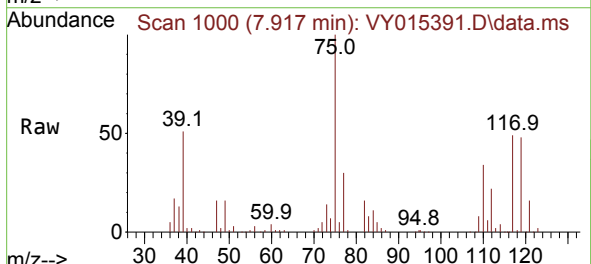
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

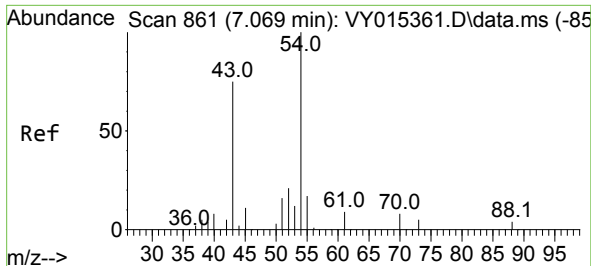
Tgt Ion:113 Resp: 80684
Ion Ratio Lower Upper
113 100
111 101.5 81.3 121.9
192 18.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 45.973 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY015391.D
Acq: 31 Aug 2023 09:41

Tgt Ion: 75 Resp: 125268
Ion Ratio Lower Upper
75 100
110 34.9 17.8 53.5
77 31.2 24.4 36.6

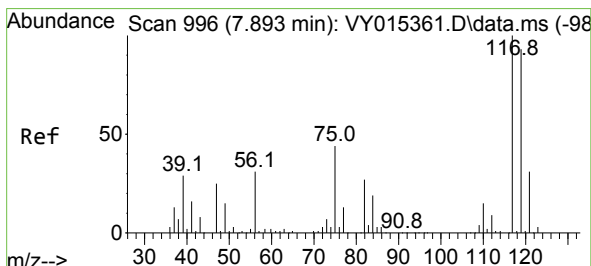
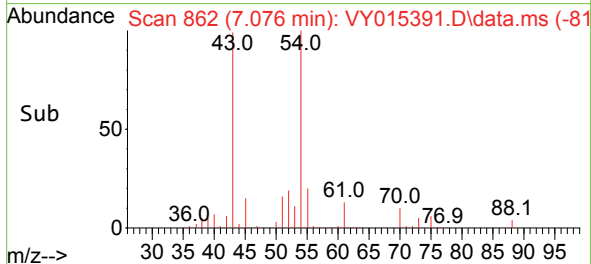
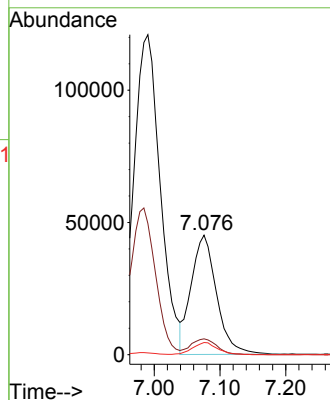
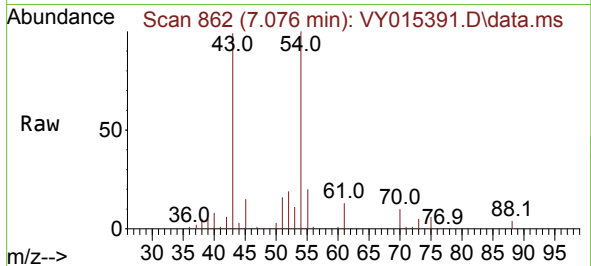




#37
Ethyl Acetate
Concen: 57.517 ug/l
RT: 7.076 min Scan# 861
Delta R.T. 0.012 min
Lab File: VY015391.D
Acq: 31 Aug 2023 09:41

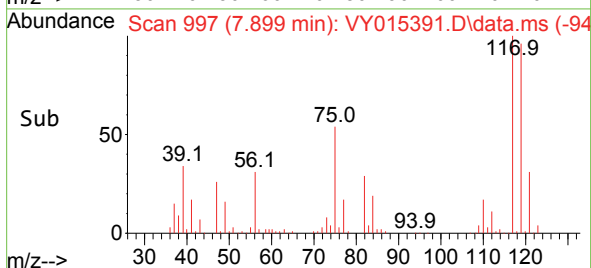
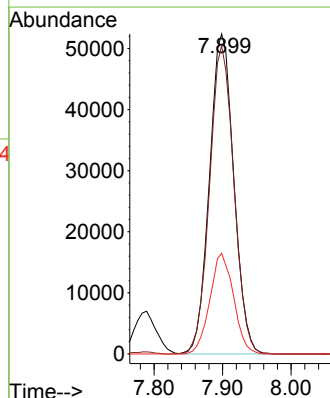
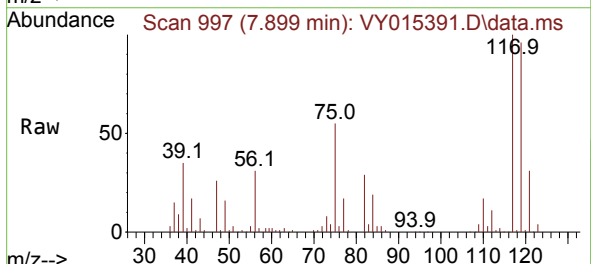
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

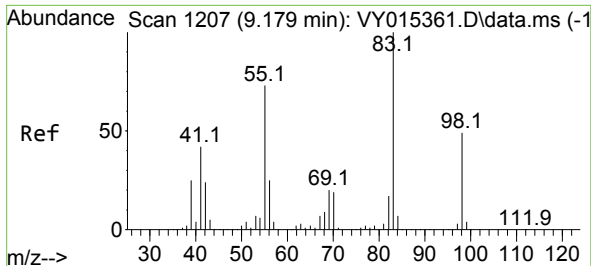
Tgt Ion: 43 Resp: 120872
Ion Ratio Lower Upper
43 100
61 13.8 10.1 15.1
70 9.9 7.1 10.7



#38
Carbon Tetrachloride
Concen: 45.939 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.006 min
Lab File: VY015391.D
Acq: 31 Aug 2023 09:41

Tgt Ion: 117 Resp: 129282
Ion Ratio Lower Upper
117 100
119 96.4 76.4 114.6
121 31.4 25.8 38.6





#39

Methylcyclohexane

Concen: 44.049 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015391.D

Acq: 31 Aug 2023 09:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

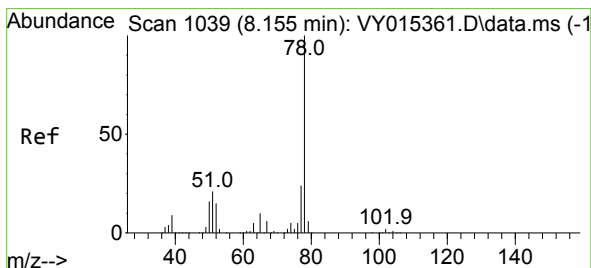
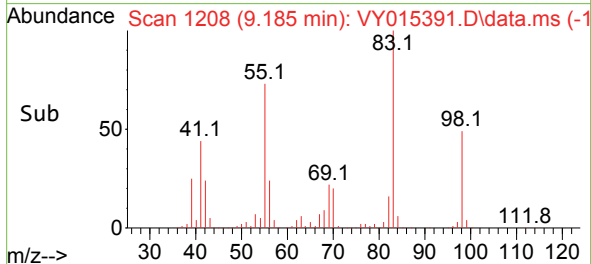
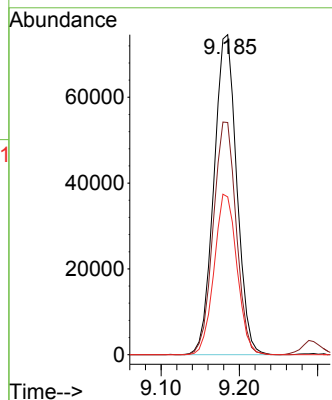
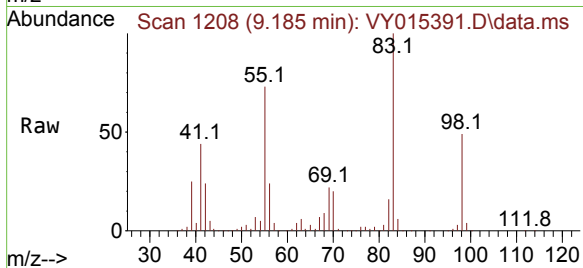
Tgt Ion: 83 Resp: 151106

Ion Ratio Lower Upper

83 100

55 72.6 63.0 94.4

98 49.3 37.4 56.2



#40

Benzene

Concen: 48.636 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.012 min

Lab File: VY015391.D

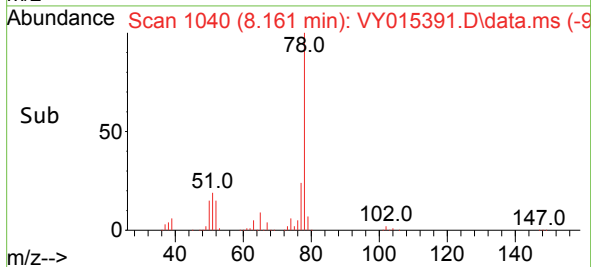
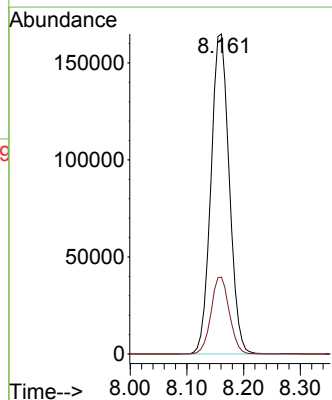
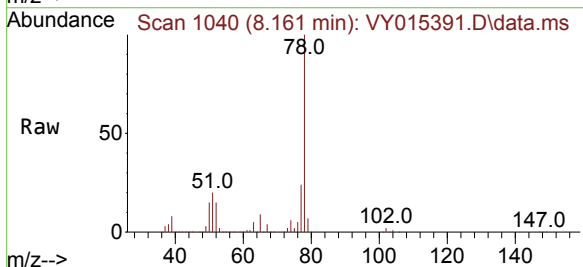
Acq: 31 Aug 2023 09:41

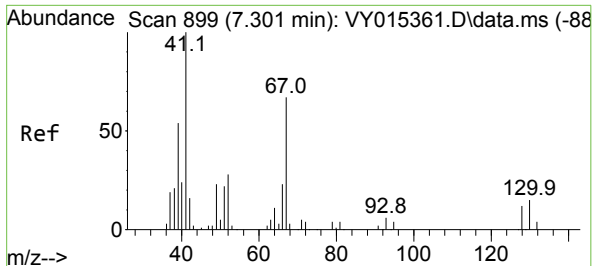
Tgt Ion: 78 Resp: 369740

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.6

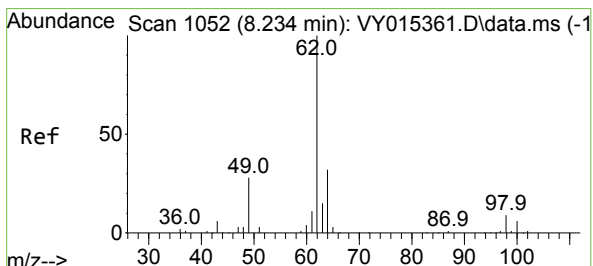
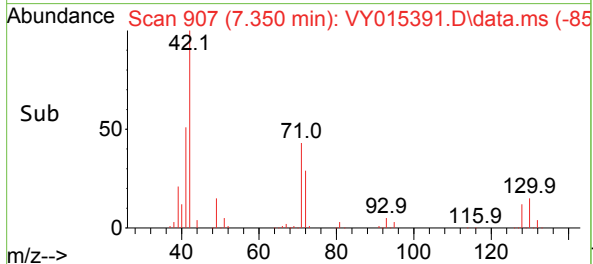
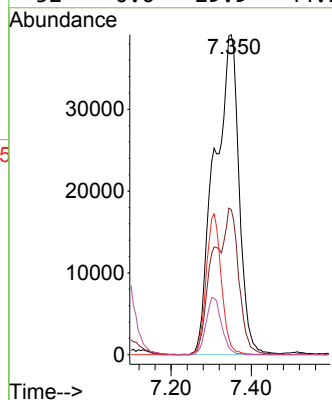
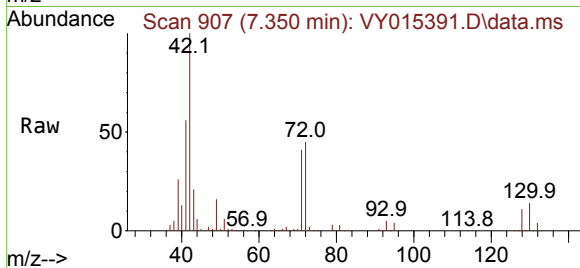




#41
Methacrylonitrile
Concen: 167.800 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.037 min
Lab File: VY015391.D
Acq: 31 Aug 2023 09:41

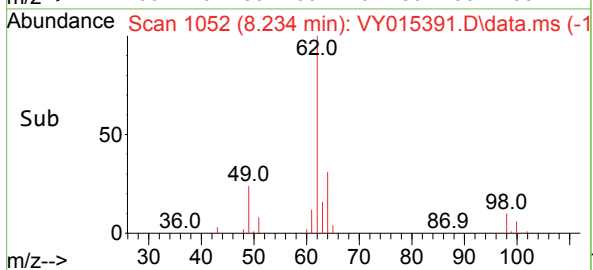
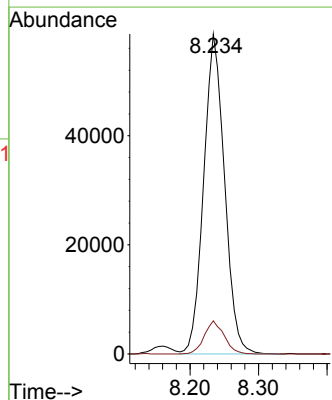
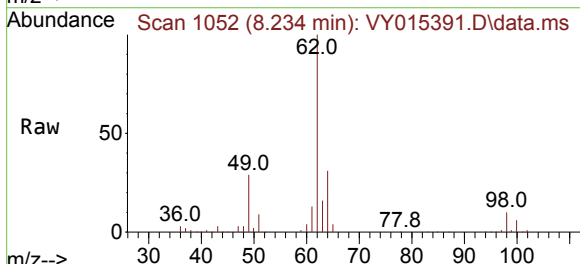
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

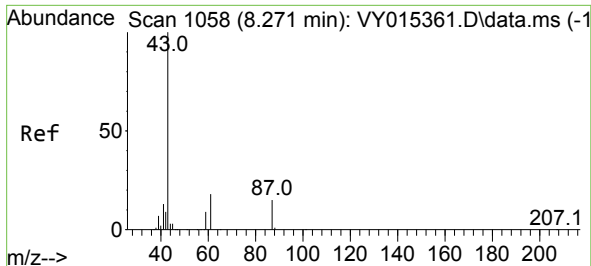
Tgt Ion:	41	Resp:	165363
Ion	Ratio	Lower	Upper
41	100		
39	27.2	52.1	78.1#
67	0.0	66.2	99.2#
52	0.0	29.9	44.9#



#42
1,2-Dichloroethane
Concen: 48.994 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015391.D
Acq: 31 Aug 2023 09:41

Tgt Ion:	62	Resp:	124199
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	15.8

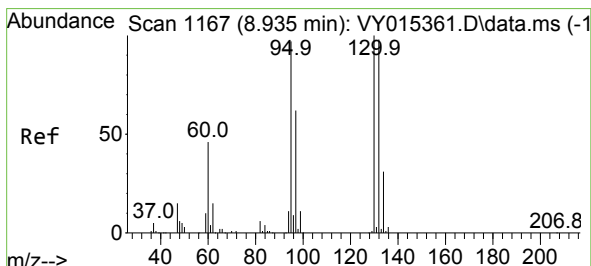
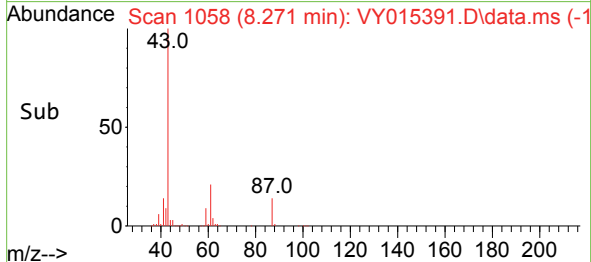
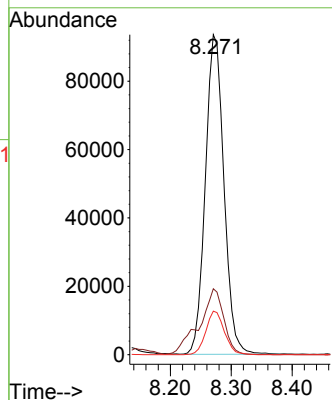
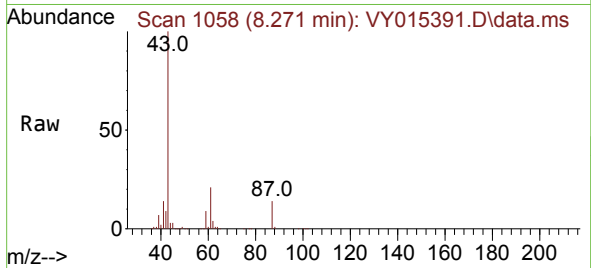




#43
Isopropyl Acetate
Concen: 54.554 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY015391.D
Acq: 31 Aug 2023 09:41

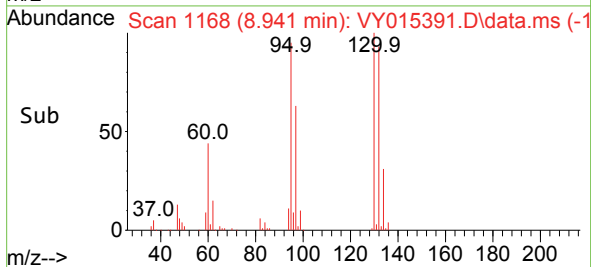
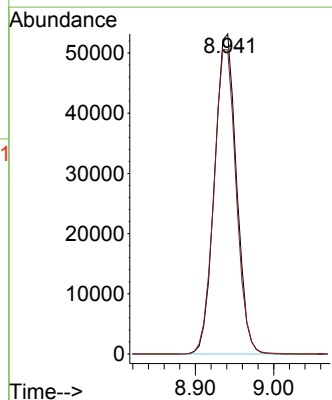
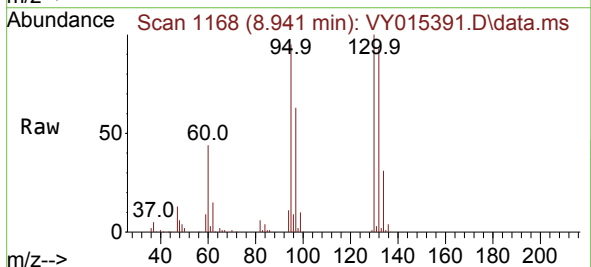
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

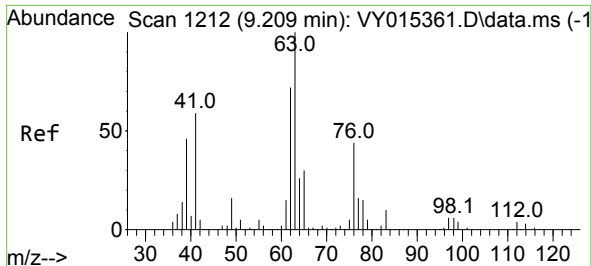
Tgt Ion: 43 Resp: 198248
Ion Ratio Lower Upper
43 100
61 27.0 21.1 31.7
87 13.6 9.8 14.8



#44
Trichloroethene
Concen: 48.115 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015391.D
Acq: 31 Aug 2023 09:41

Tgt Ion:130 Resp: 103491
Ion Ratio Lower Upper
130 100
95 94.9 0.0 196.0

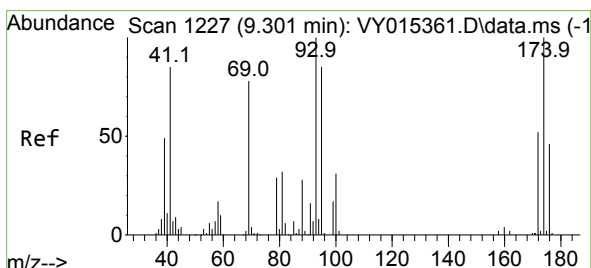
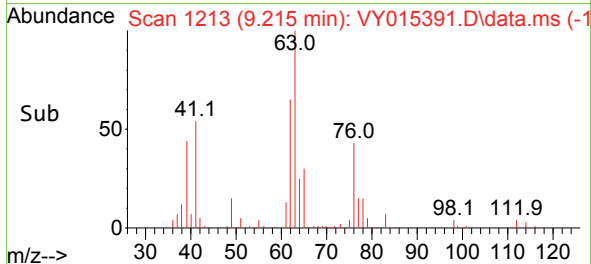
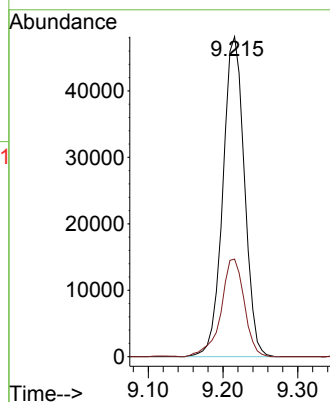
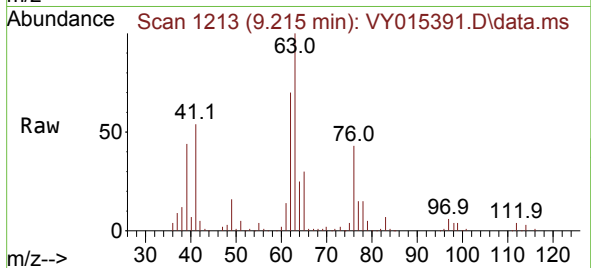




#45
1,2-Dichloropropane
Concen: 50.317 ug/l
RT: 9.215 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015391.D
Acq: 31 Aug 2023 09:41

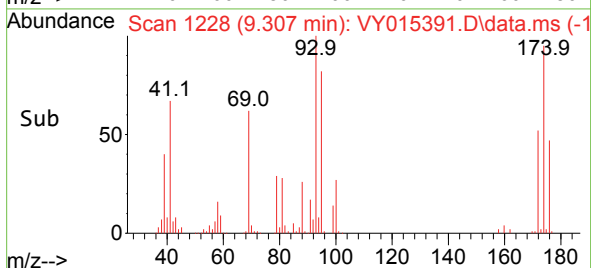
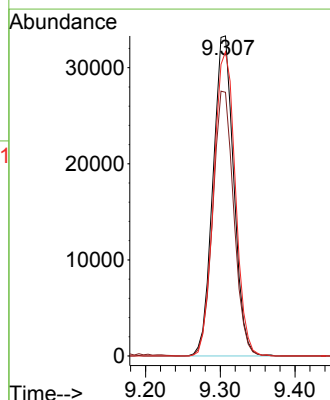
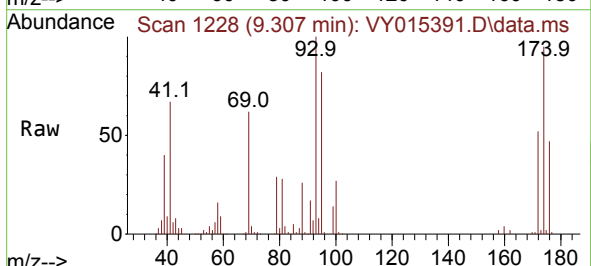
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

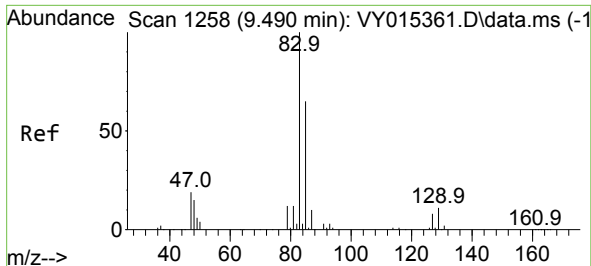
Tgt Ion: 63 Resp: 96429
Ion Ratio Lower Upper
63 100
65 30.5 23.8 35.6



#46
Dibromomethane
Concen: 50.597 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.012 min
Lab File: VY015391.D
Acq: 31 Aug 2023 09:41

Tgt Ion: 93 Resp: 64410
Ion Ratio Lower Upper
93 100
95 83.4 66.6 100.0
174 98.8 84.8 127.2

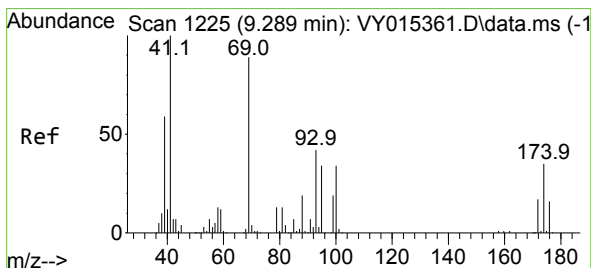
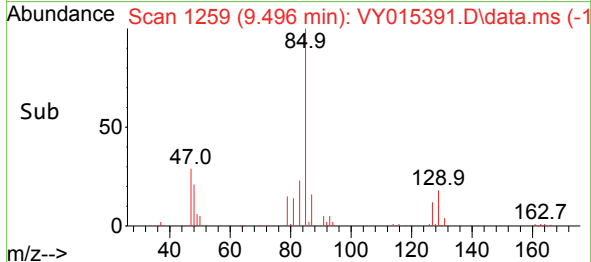
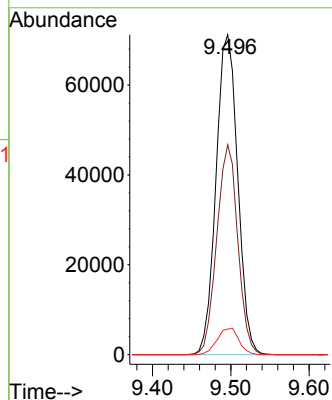
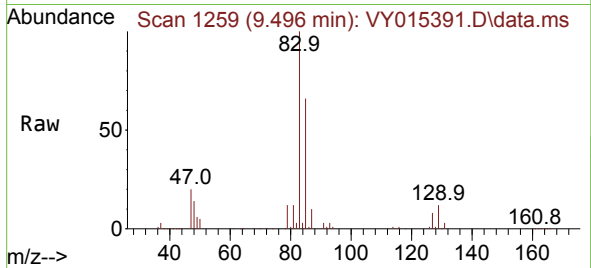




#47
Bromodichloromethane
Concen: 50.302 ug/l
RT: 9.496 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VY015391.D
Acq: 31 Aug 2023 09:41

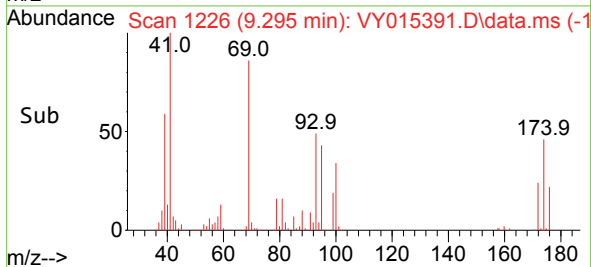
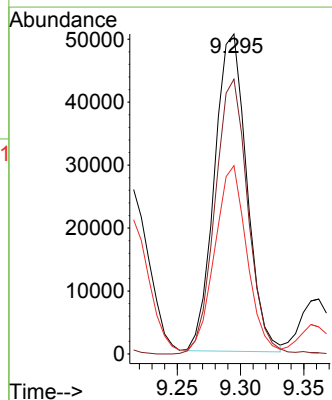
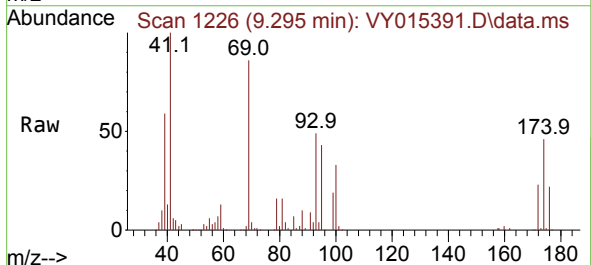
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

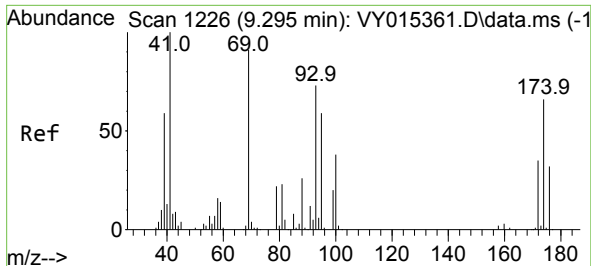
Tgt Ion: 83 Resp: 136940
Ion Ratio Lower Upper
83 100
85 65.6 50.1 75.1
127 8.0 7.1 10.7



#48
Methyl methacrylate
Concen: 53.697 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY015391.D
Acq: 31 Aug 2023 09:41

Tgt Ion: 41 Resp: 89530
Ion Ratio Lower Upper
41 100
69 88.3 64.5 96.7
39 57.2 50.8 76.2





#49

1,4-Dioxane

Concen: 1130.071 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.018 min

Lab File: VY015391.D

Acq: 31 Aug 2023 09:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

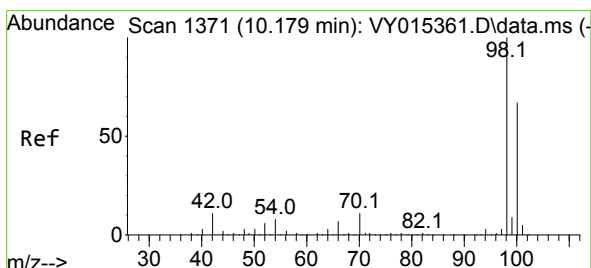
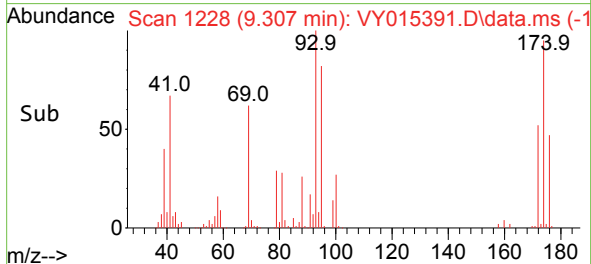
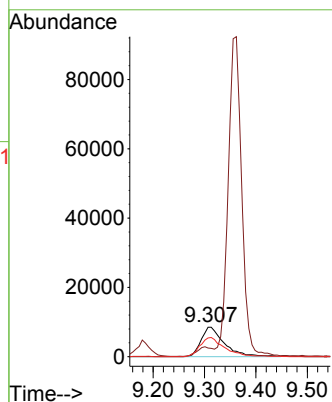
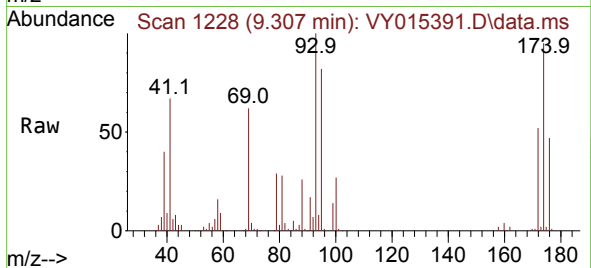
Tgt Ion: 88 Resp: 26721

Ion Ratio Lower Upper

88 100

43 22.5 0.0 0.0#

58 69.8 30.9 46.3#



#50

Toluene-d8

Concen: 48.881 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015391.D

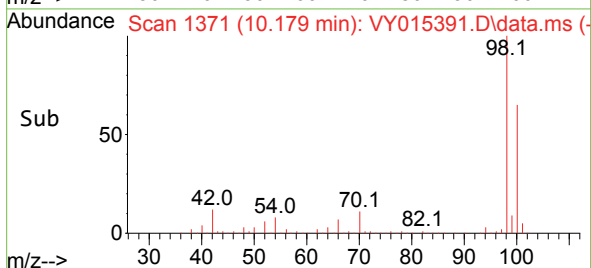
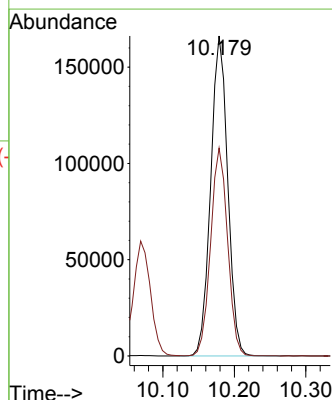
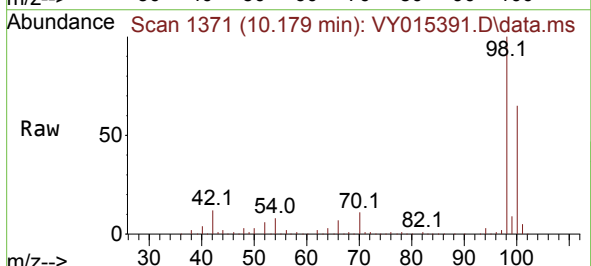
Acq: 31 Aug 2023 09:41

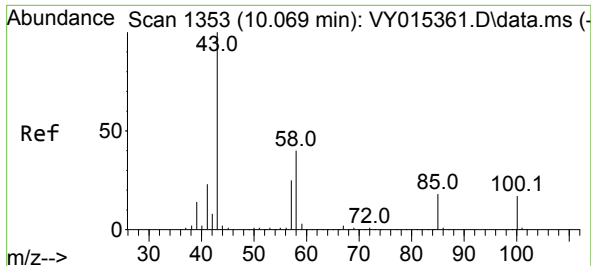
Tgt Ion: 98 Resp: 274697

Ion Ratio Lower Upper

98 100

100 64.9 50.1 75.1

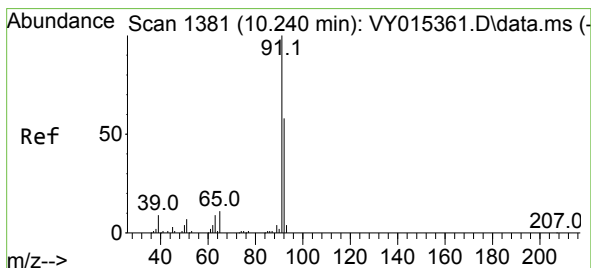
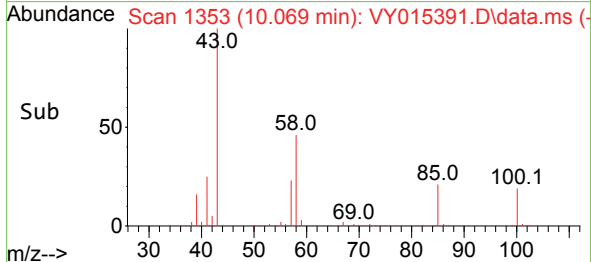
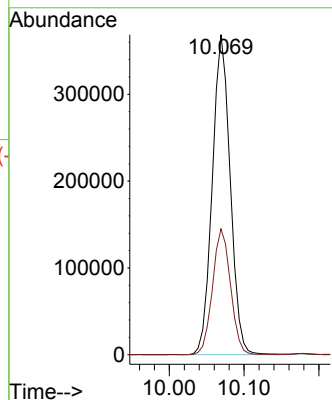
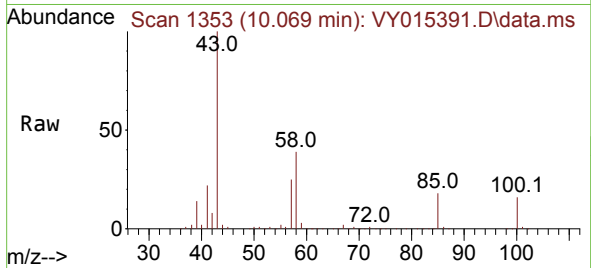




#51
4-Methyl-2-Pentanone
Concen: 290.344 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY015391.D
Acq: 31 Aug 2023 09:41

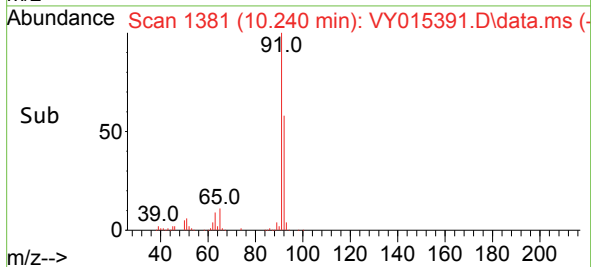
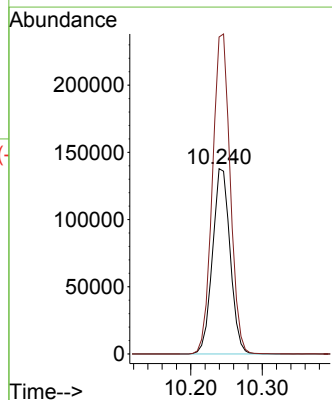
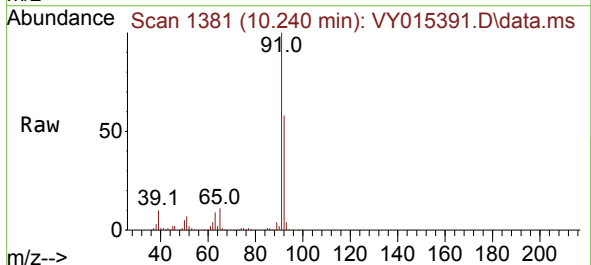
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

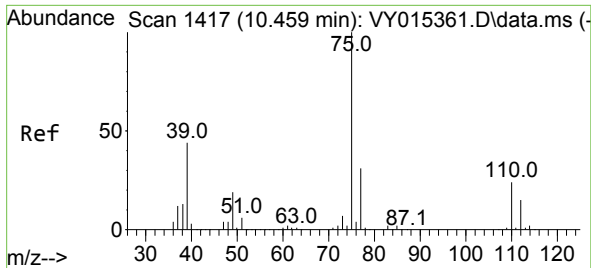
Tgt Ion: 43 Resp: 613247
Ion Ratio Lower Upper
43 100
58 39.6 29.0 43.6



#52
Toluene
Concen: 48.419 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY015391.D
Acq: 31 Aug 2023 09:41

Tgt Ion: 92 Resp: 235920
Ion Ratio Lower Upper
92 100
91 173.7 143.8 215.6

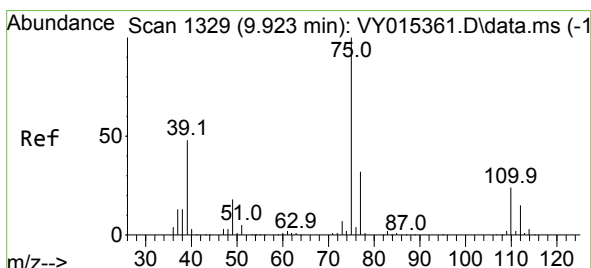
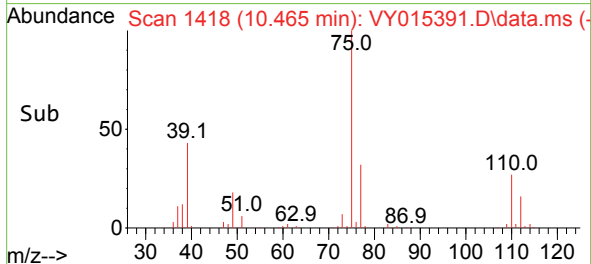
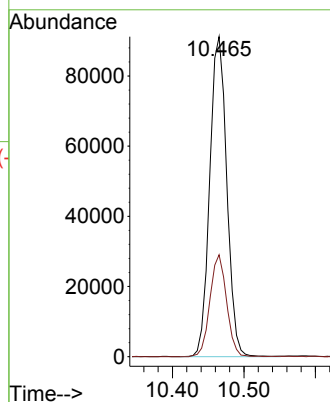
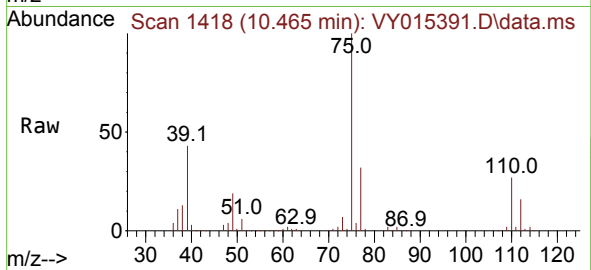




#53
 t-1,3-Dichloropropene
 Concen: 52.206 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY015391.D
 Acq: 31 Aug 2023 09:41

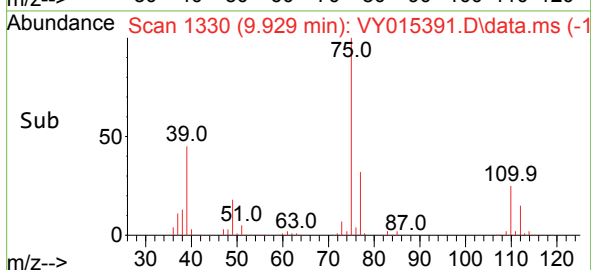
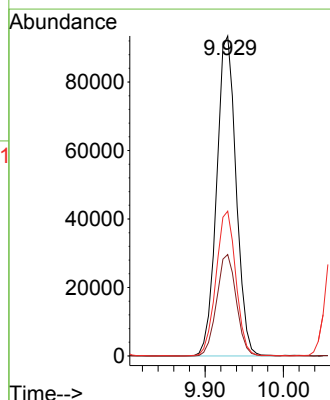
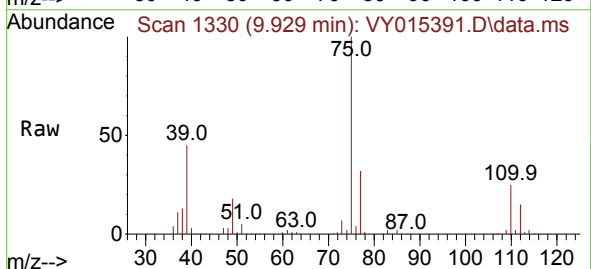
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

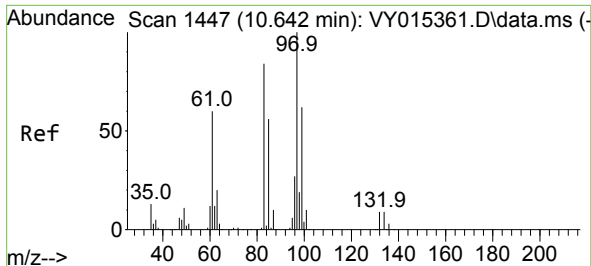
Tgt Ion: 75 Resp: 151043
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 51.292 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY015391.D
 Acq: 31 Aug 2023 09:41

Tgt Ion: 75 Resp: 161427
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.2 36.4
 39 45.3 42.2 63.4

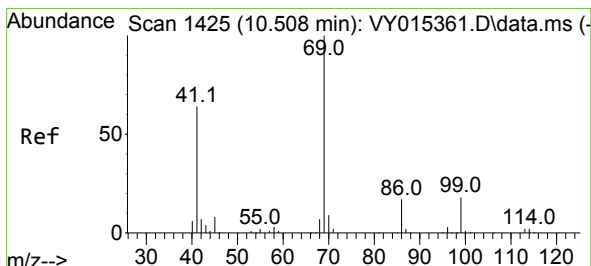
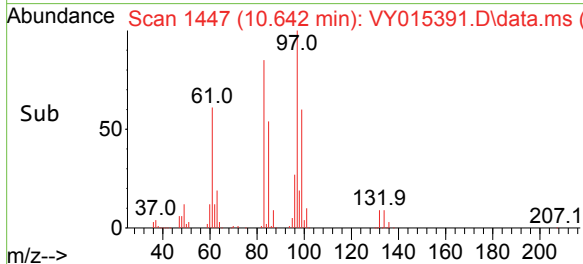
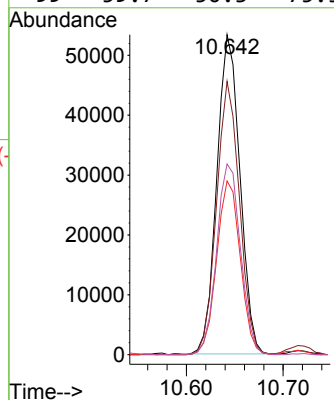
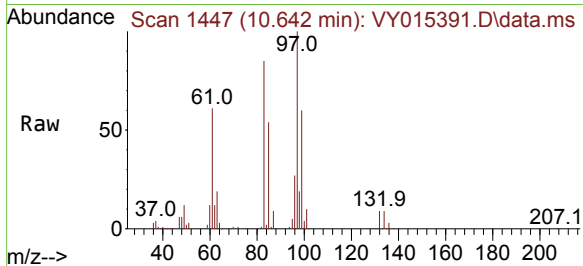




#55
1,1,2-Trichloroethane
Concen: 51.491 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY015391.D
Acq: 31 Aug 2023 09:41

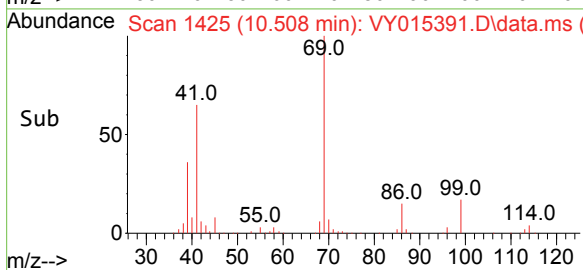
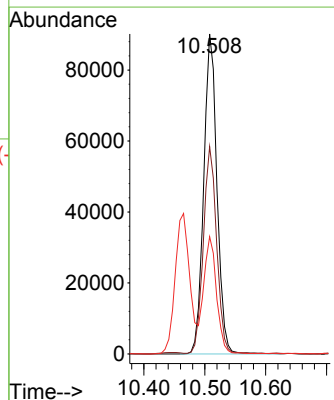
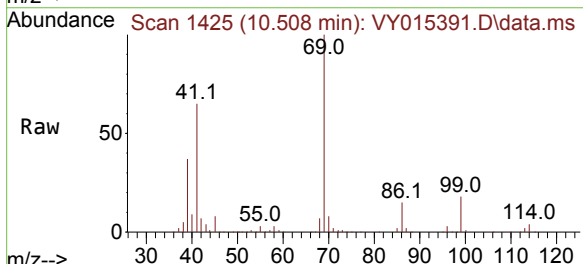
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

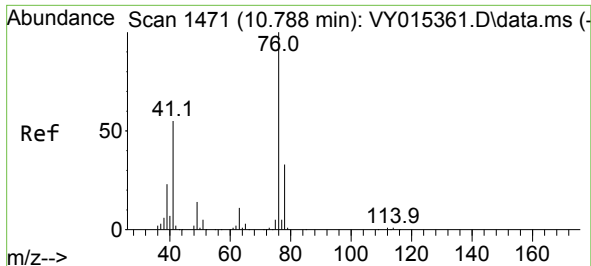
Tgt Ion:	97	Resp:	88321
Ion	Ratio	Lower	Upper
97	100		
83	85.6	72.0	108.0
85	54.5	45.4	68.0
99	59.7	50.3	75.5



#56
Ethyl methacrylate
Concen: 53.680 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY015391.D
Acq: 31 Aug 2023 09:41

Tgt Ion:	69	Resp:	136446
Ion	Ratio	Lower	Upper
69	100		
41	64.9	57.6	86.4
39	34.6	34.1	51.1





#57

1,3-Dichloropropane

Concen: 51.246 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY015391.D

Acq: 31 Aug 2023 09:41

Instrument :

MSVOA_Y

ClientSampleId :

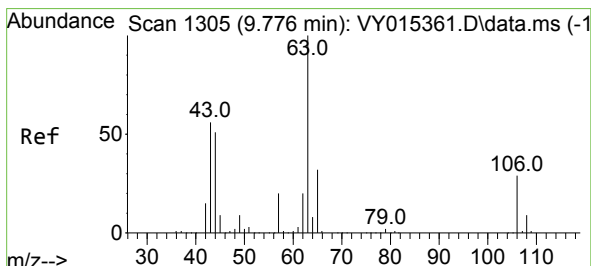
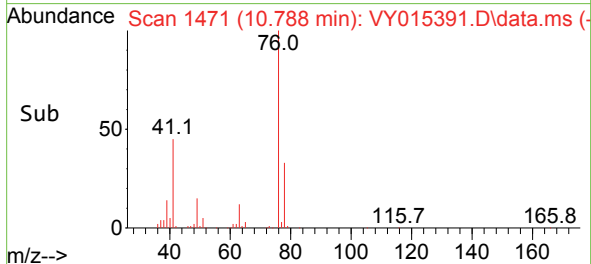
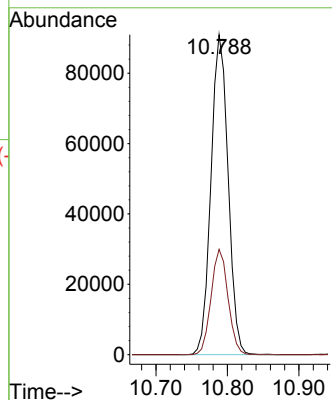
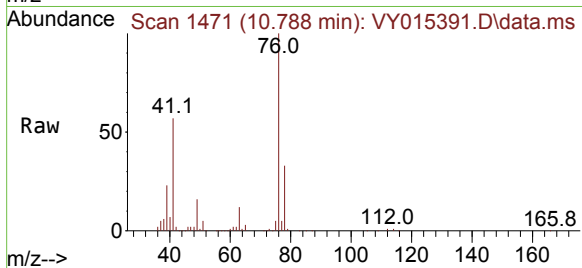
VSTDCCC050

Tgt Ion: 76 Resp: 151310

Ion Ratio Lower Upper

76 100

78 32.5 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 273.857 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VY015391.D

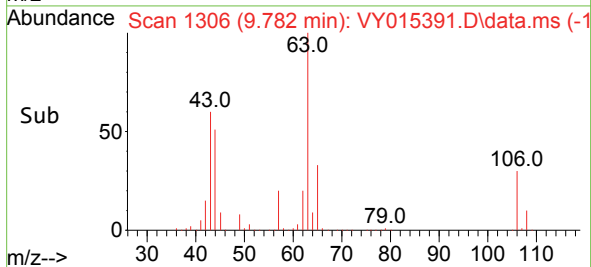
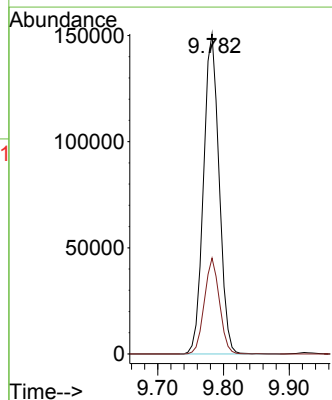
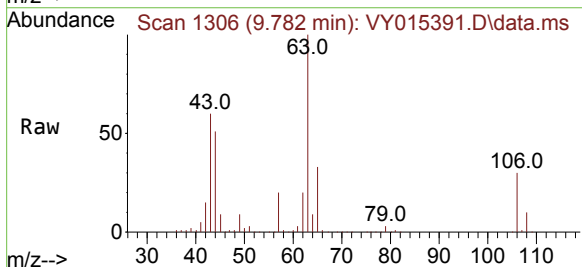
Acq: 31 Aug 2023 09:41

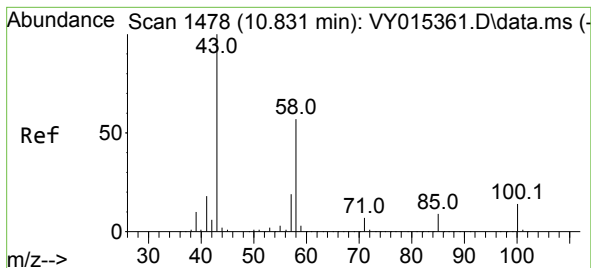
Tgt Ion: 63 Resp: 248461

Ion Ratio Lower Upper

63 100

106 29.0 21.2 31.8

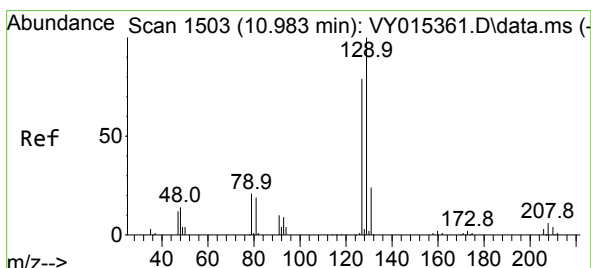
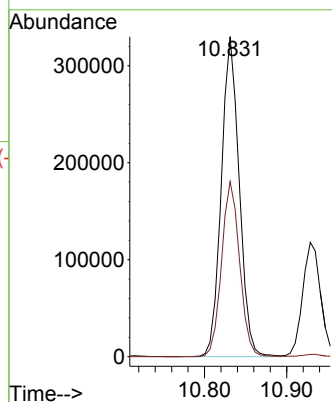
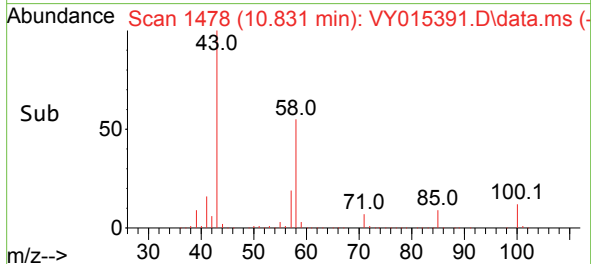
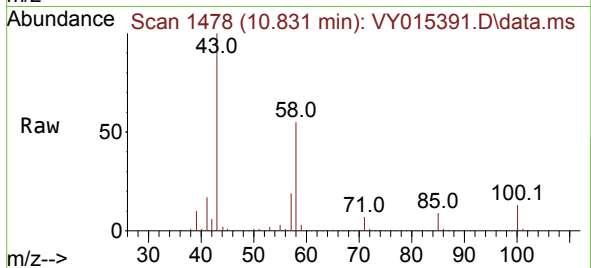




#59
2-Hexanone
Concen: 315.748 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015391.D
Acq: 31 Aug 2023 09:41

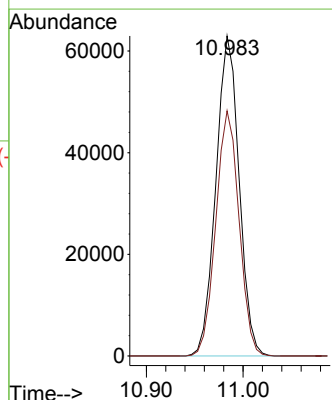
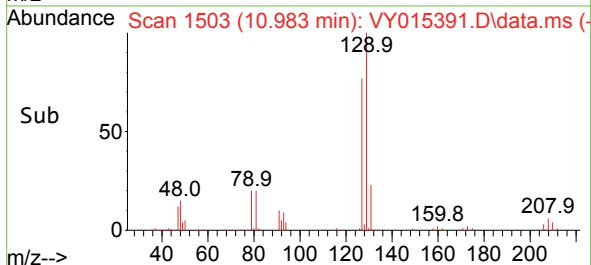
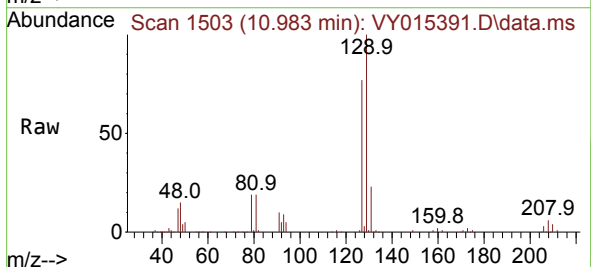
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

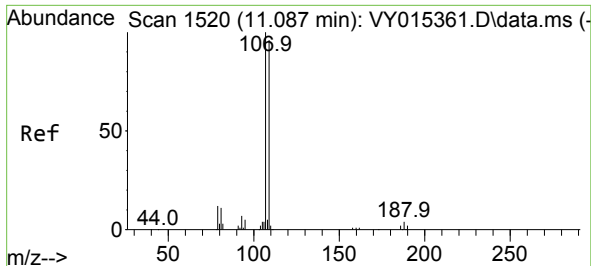
Tgt Ion: 43 Resp: 500411
Ion Ratio Lower Upper
43 100
58 55.2 25.1 75.3



#60
Dibromochloromethane
Concen: 52.222 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015391.D
Acq: 31 Aug 2023 09:41

Tgt Ion:129 Resp: 104842
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.5

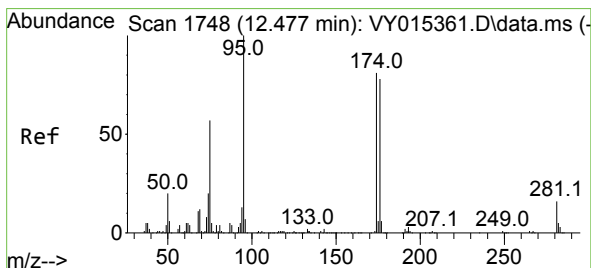
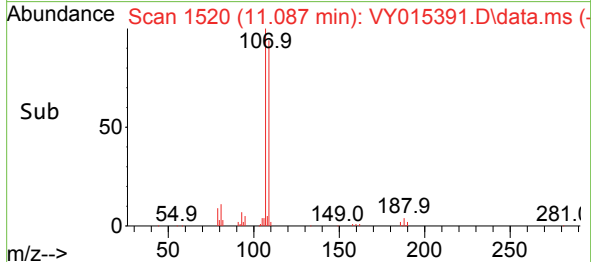
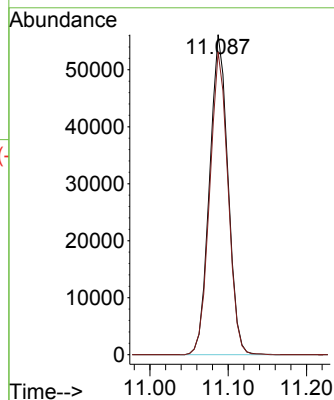
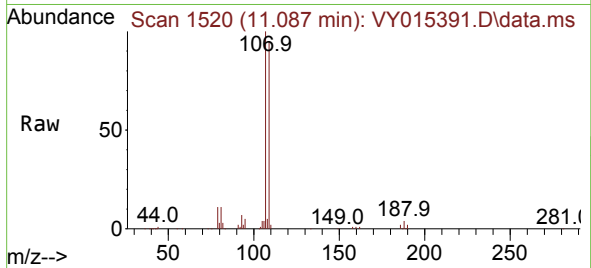




#61
1,2-Dibromoethane
Concen: 52.640 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY015391.D
Acq: 31 Aug 2023 09:41

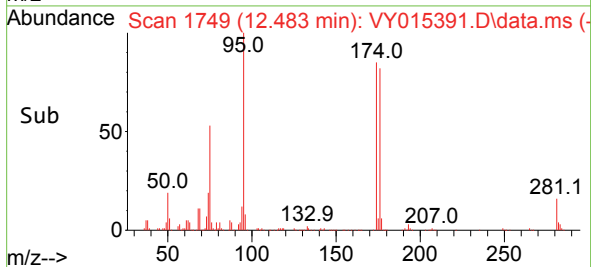
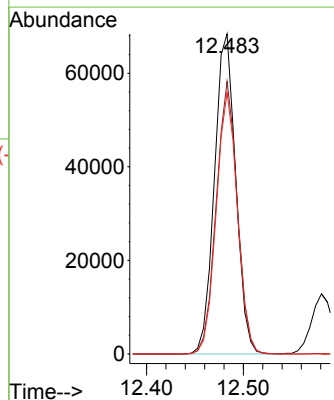
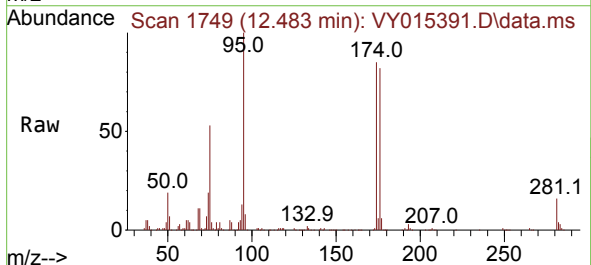
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

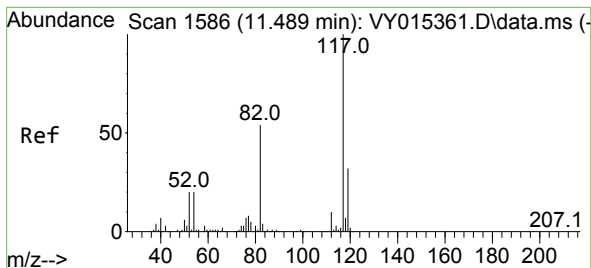
Tgt Ion:107 Resp: 91490
Ion Ratio Lower Upper
107 100
109 93.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.022 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015391.D
Acq: 31 Aug 2023 09:41

Tgt Ion: 95 Resp: 104357
Ion Ratio Lower Upper
95 100
174 84.2 0.0 178.2
176 81.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015391.D

Acq: 31 Aug 2023 09:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

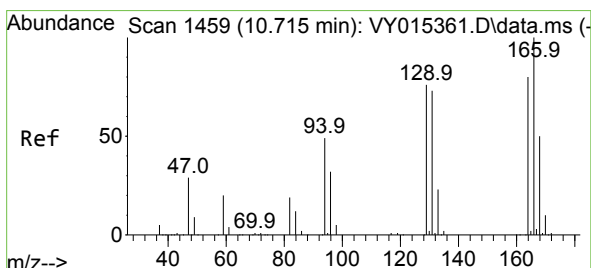
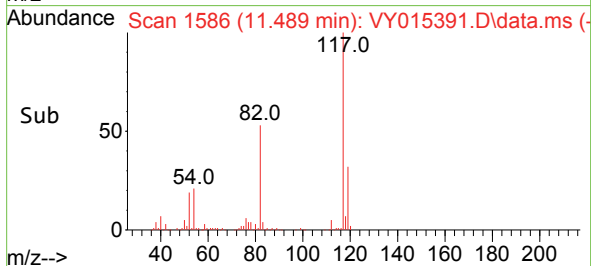
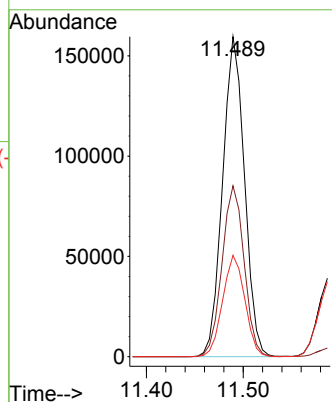
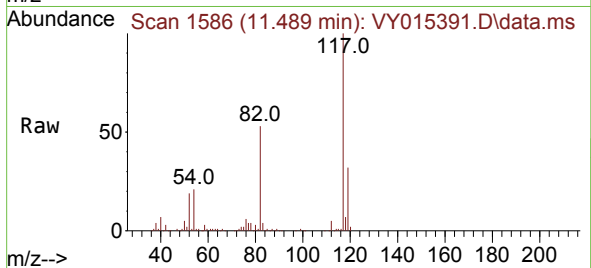
Tgt Ion:117 Resp: 250765

Ion Ratio Lower Upper

117 100

82 53.4 43.4 65.0

119 31.7 26.3 39.5



#64

Tetrachloroethene

Concen: 47.527 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY015391.D

Acq: 31 Aug 2023 09:41

Tgt Ion:164 Resp: 108177

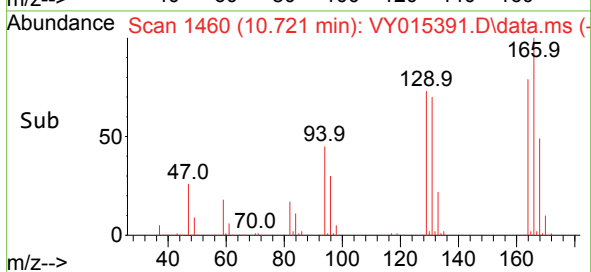
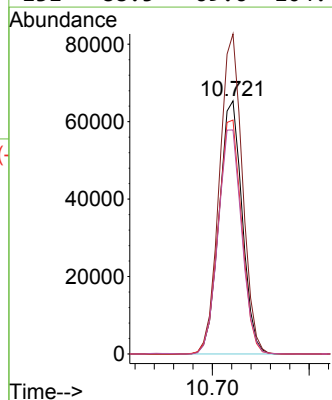
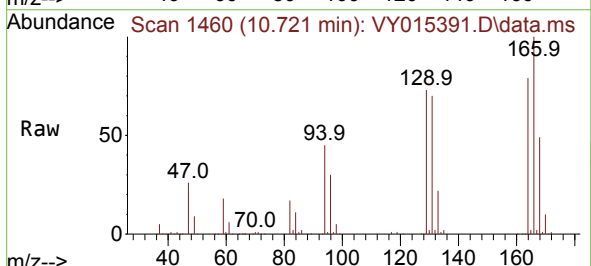
Ion Ratio Lower Upper

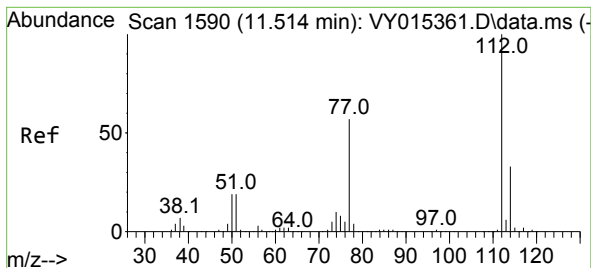
164 100

166 126.5 103.0 154.6

129 92.4 77.2 115.8

131 88.5 69.6 104.4

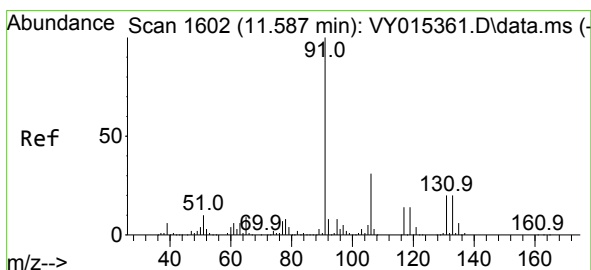
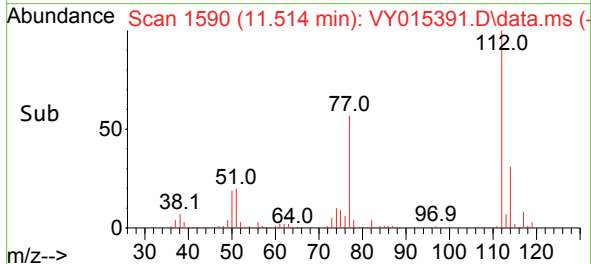
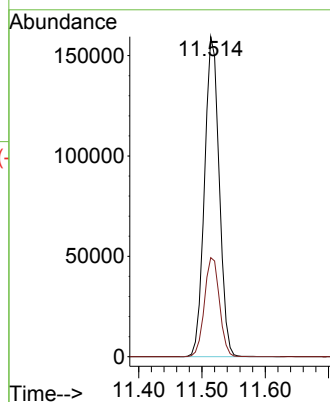
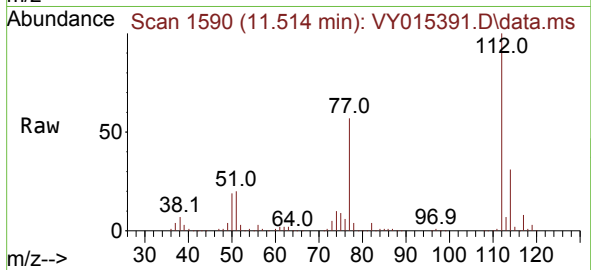




#65
Chlorobenzene
Concen: 47.788 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY015391.D
Acq: 31 Aug 2023 09:41

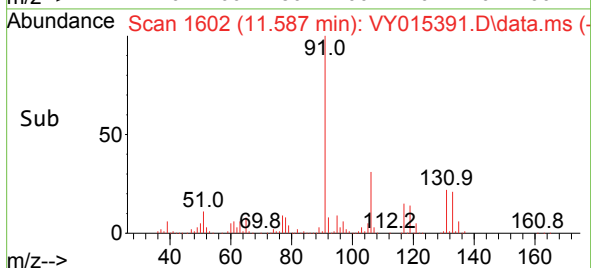
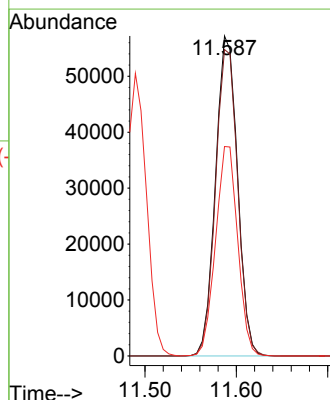
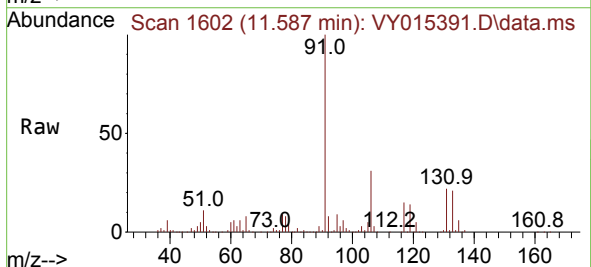
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

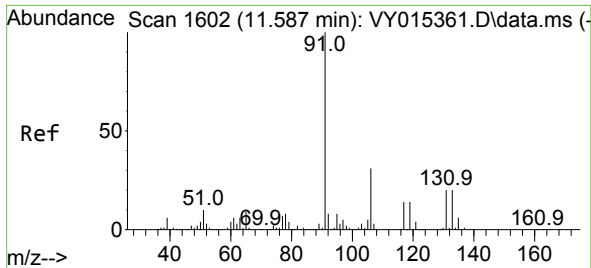
Tgt Ion:112 Resp: 258230
Ion Ratio Lower Upper
112 100
114 31.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 48.481 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY015391.D
Acq: 31 Aug 2023 09:41

Tgt Ion:131 Resp: 95888
Ion Ratio Lower Upper
131 100
133 96.5 47.5 142.6
119 66.0 31.6 94.7





#67

Ethyl Benzene

Concen: 47.158 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015391.D

Acq: 31 Aug 2023 09:41

Instrument :

MSVOA_Y

ClientSampleId :

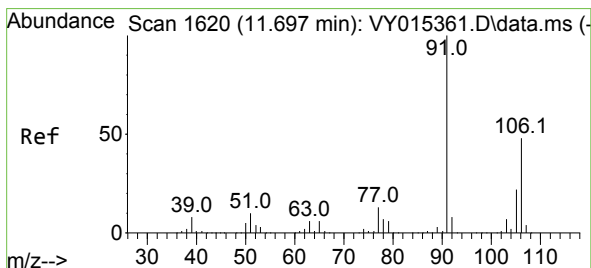
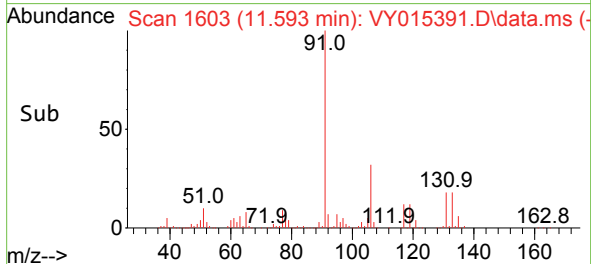
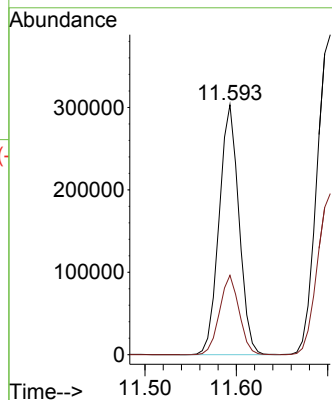
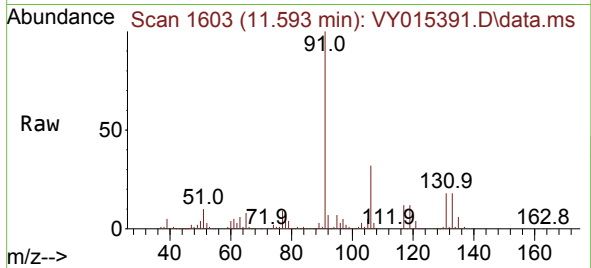
VSTDCCC050

Tgt Ion: 91 Resp: 457577

Ion Ratio Lower Upper

91 100

106 31.7 24.6 36.8



#68

m/p-Xylenes

Concen: 94.715 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY015391.D

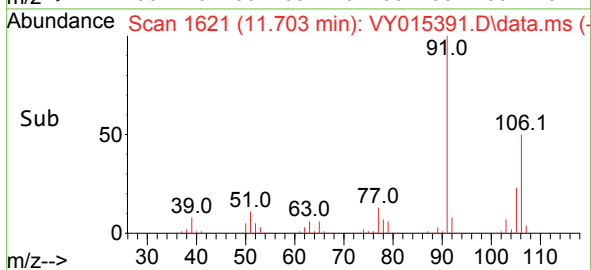
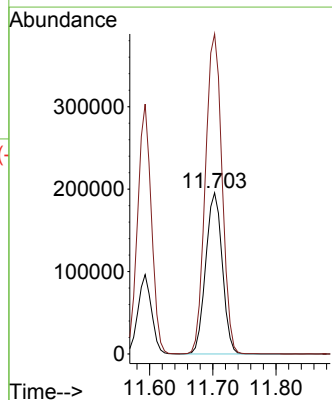
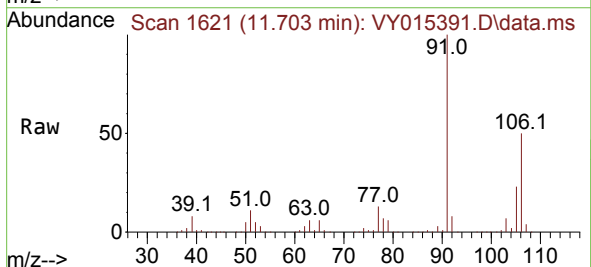
Acq: 31 Aug 2023 09:41

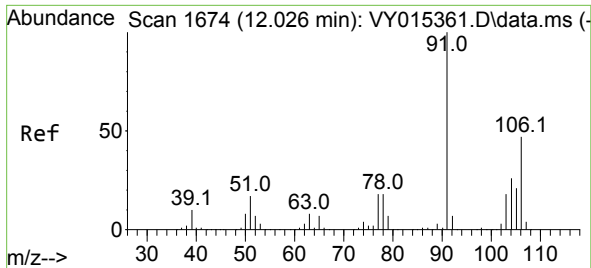
Tgt Ion:106 Resp: 356228

Ion Ratio Lower Upper

106 100

91 199.7 166.1 249.1

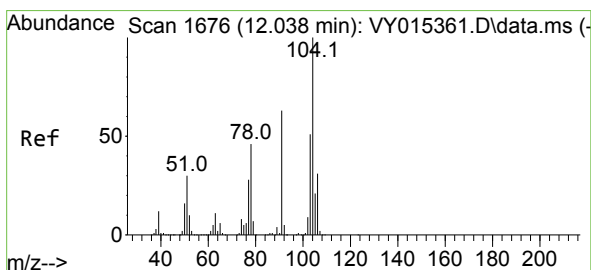
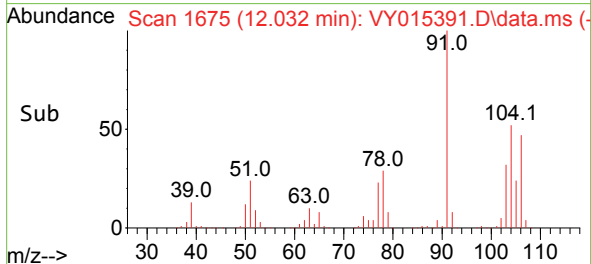
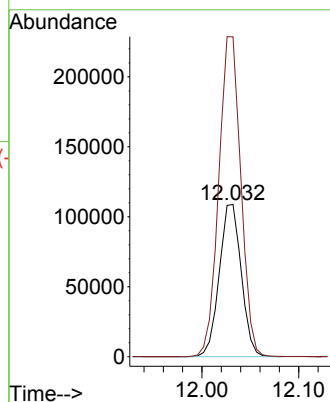
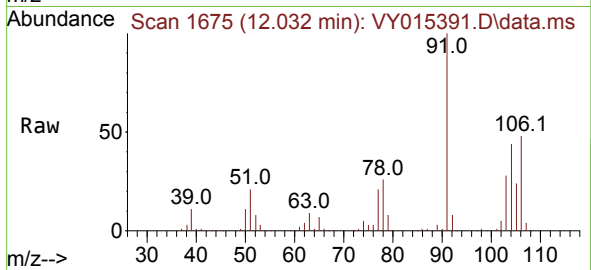




#69
o-Xylene
Concen: 47.671 ug/l
RT: 12.032 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY015391.D
Acq: 31 Aug 2023 09:41

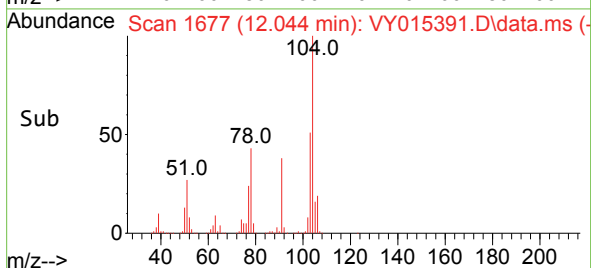
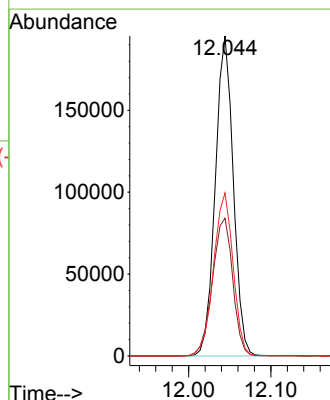
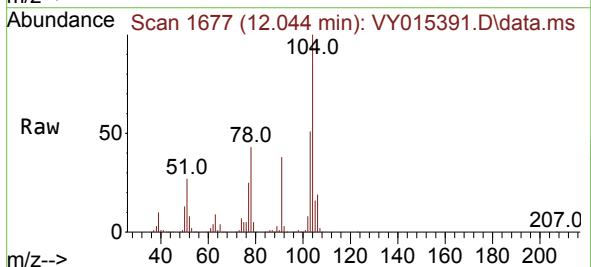
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

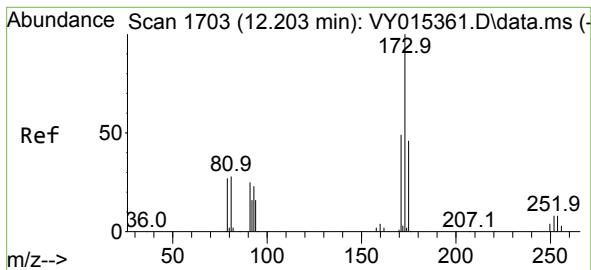
Tgt Ion:106 Resp: 171348
Ion Ratio Lower Upper
106 100
91 212.0 108.1 324.3



#70
Styrene
Concen: 49.054 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015391.D
Acq: 31 Aug 2023 09:41

Tgt Ion:104 Resp: 296466
Ion Ratio Lower Upper
104 100
78 48.7 41.5 62.3
103 55.4 44.6 67.0





#71

Bromoform

Concen: 53.960 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015391.D

Acq: 31 Aug 2023 09:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

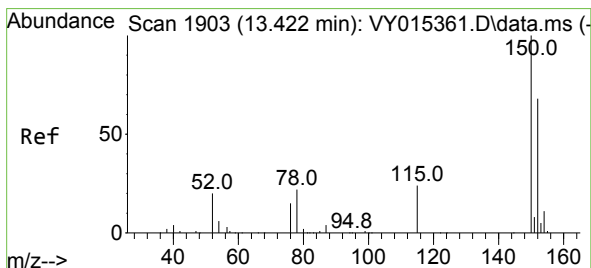
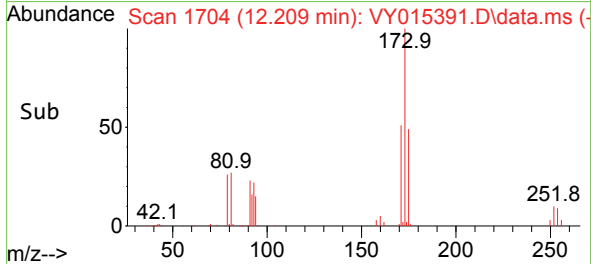
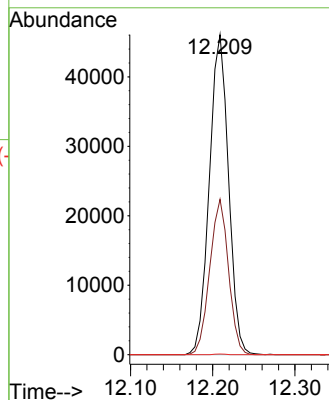
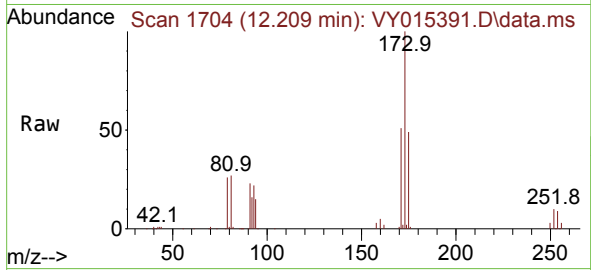
Tgt Ion:173 Resp: 74447

Ion Ratio Lower Upper

173 100

175 47.5 24.6 73.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015391.D

Acq: 31 Aug 2023 09:41

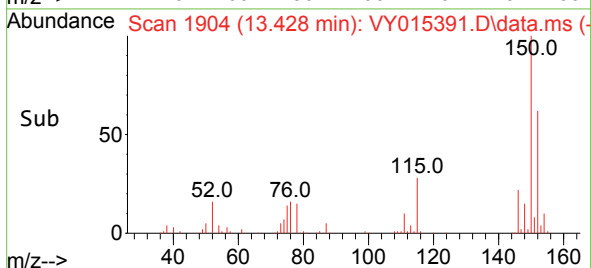
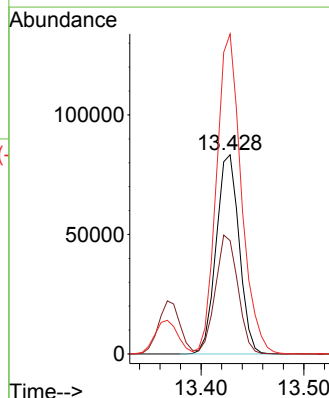
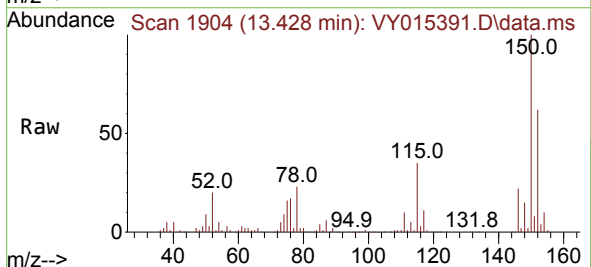
Tgt Ion:152 Resp: 129122

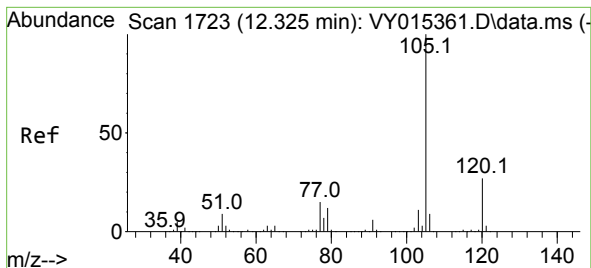
Ion Ratio Lower Upper

152 100

115 58.5 28.8 86.5

150 173.8 0.0 348.8





#73

Isopropylbenzene

Concen: 46.111 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015391.D

Acq: 31 Aug 2023 09:41

Instrument :

MSVOA_Y

ClientSampleId :

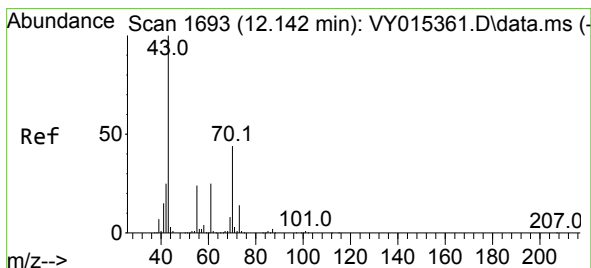
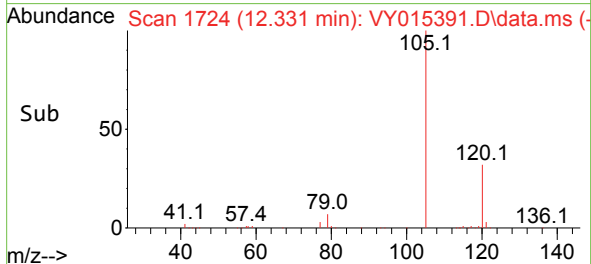
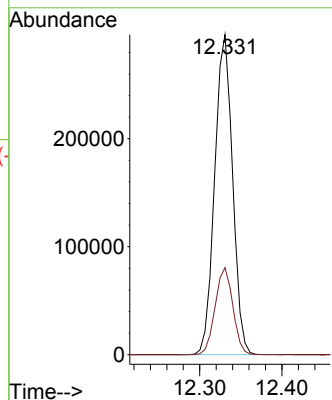
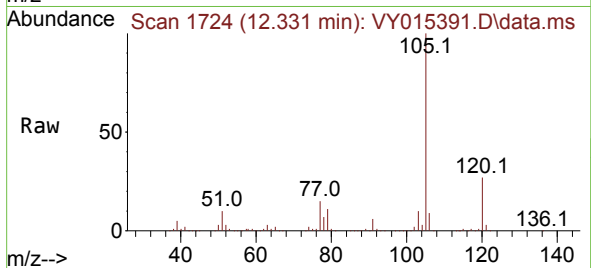
VSTDCCC050

Tgt Ion:105 Resp: 447222

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.9



#74

N-ethyl acetate

Concen: 54.953 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY015391.D

Acq: 31 Aug 2023 09:41

Tgt Ion: 43 Resp: 179062

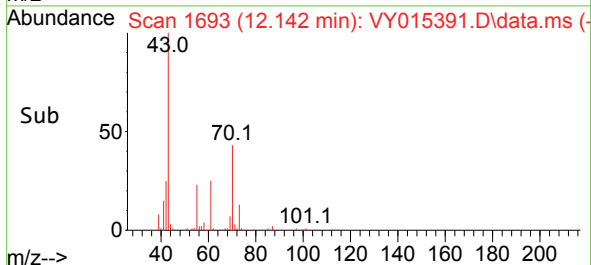
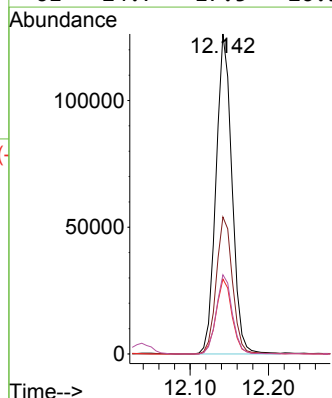
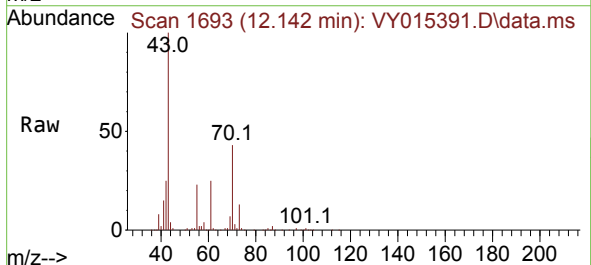
Ion Ratio Lower Upper

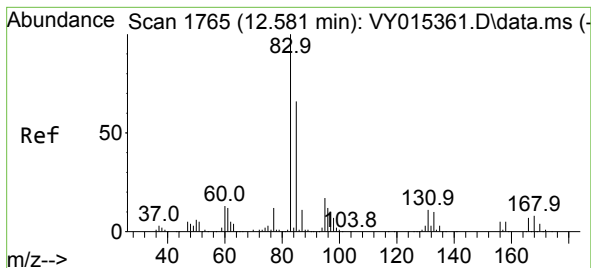
43 100

70 43.5 29.7 44.5

55 23.6 18.3 27.5

61 24.7 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 53.432 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY015391.D

Acq: 31 Aug 2023 09:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

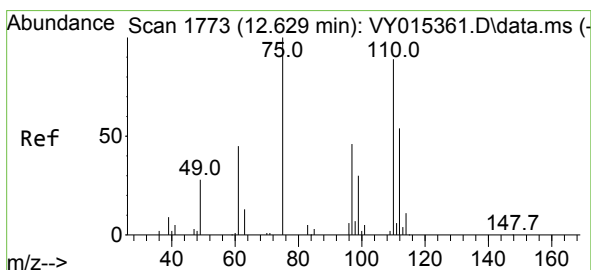
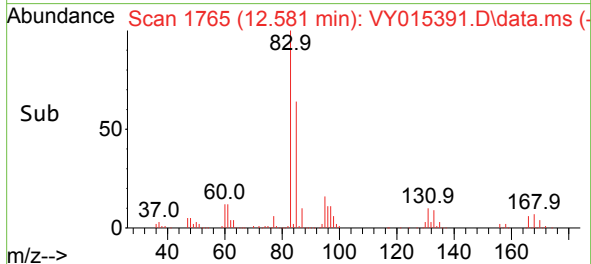
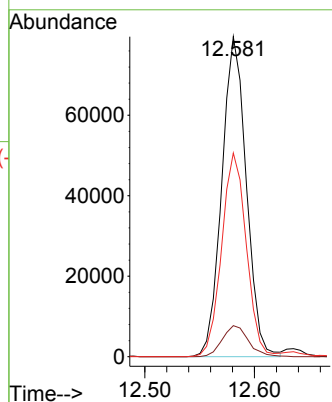
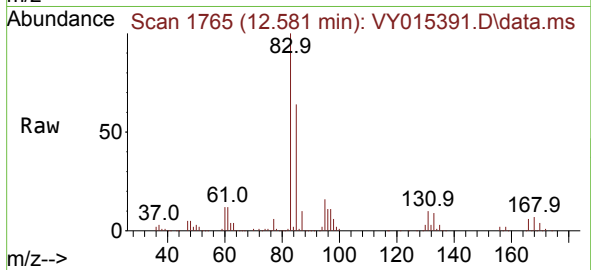
Tgt Ion: 83 Resp: 123710

Ion Ratio Lower Upper

83 100

131 10.4 5.4 16.2

85 63.7 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 96.312 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY015391.D

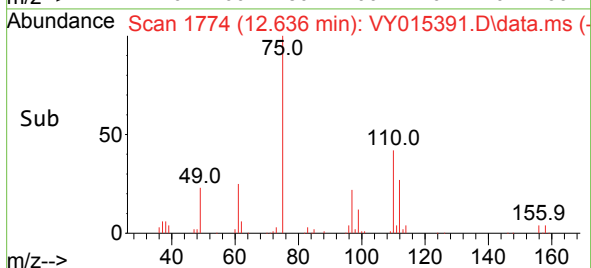
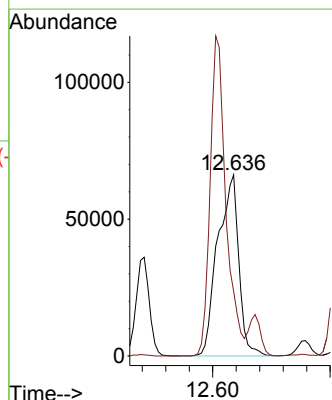
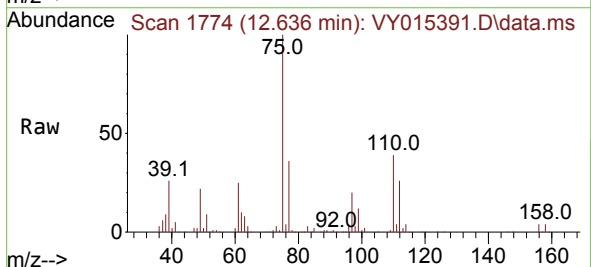
Acq: 31 Aug 2023 09:41

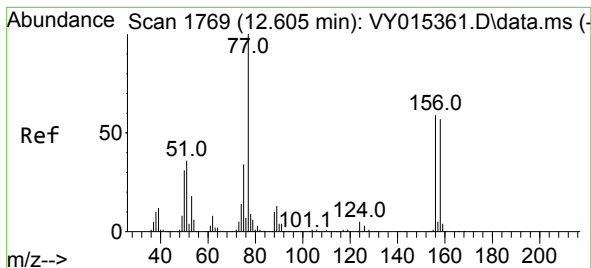
Tgt Ion: 75 Resp: 164915

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.301 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY015391.D

Acq: 31 Aug 2023 09:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

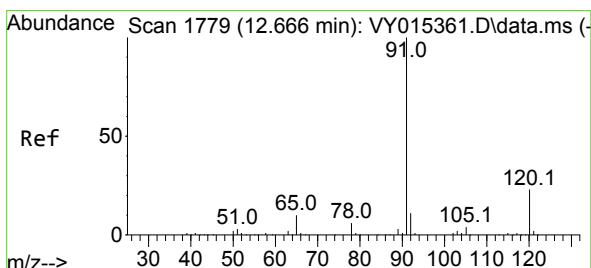
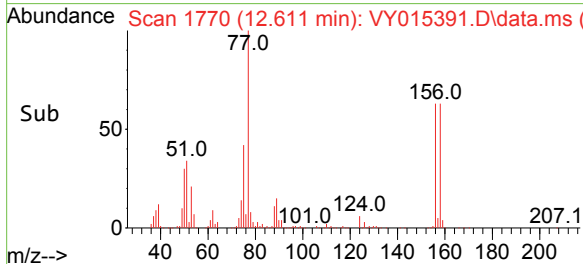
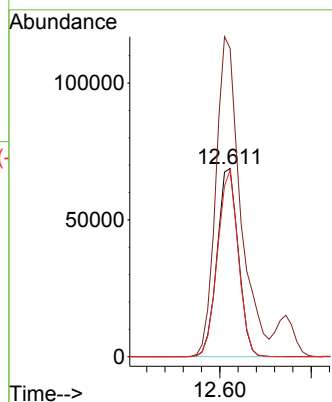
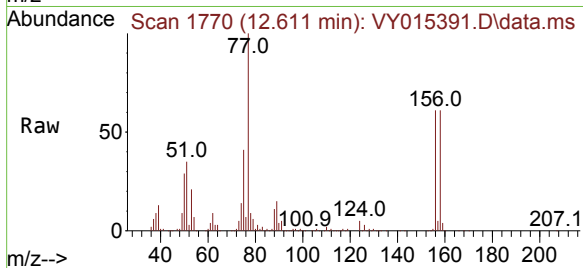
Tgt Ion:156 Resp: 110952

Ion Ratio Lower Upper

156 100

77 197.2 92.8 278.6

158 97.0 48.4 145.3



#78

n-propylbenzene

Concen: 47.066 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015391.D

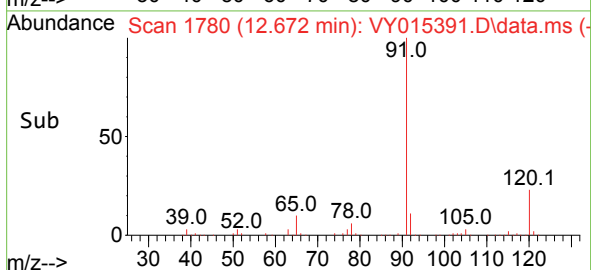
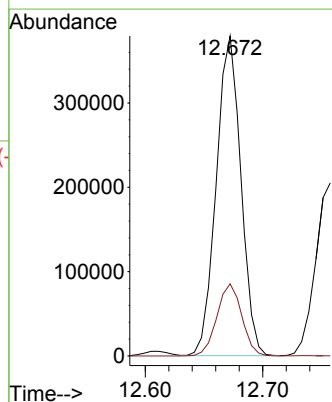
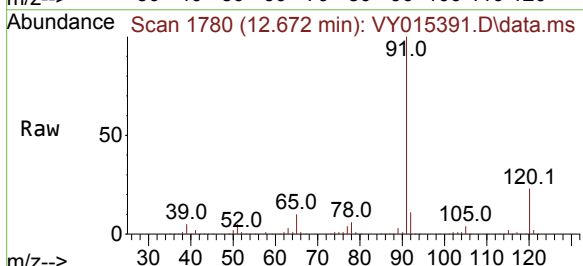
Acq: 31 Aug 2023 09:41

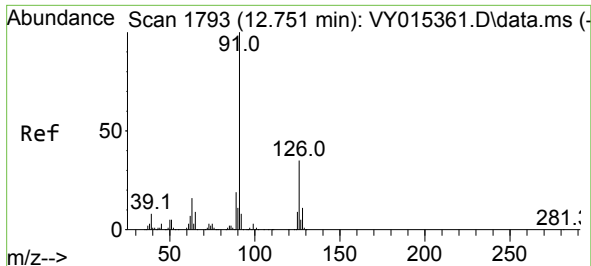
Tgt Ion: 91 Resp: 552356

Ion Ratio Lower Upper

91 100

120 22.7 11.5 34.4

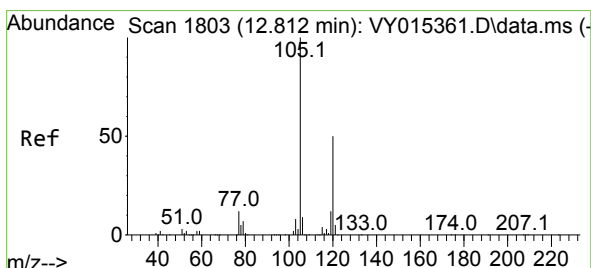
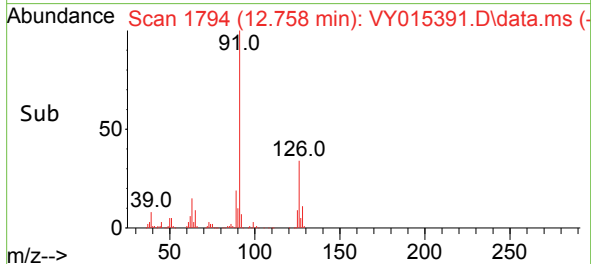
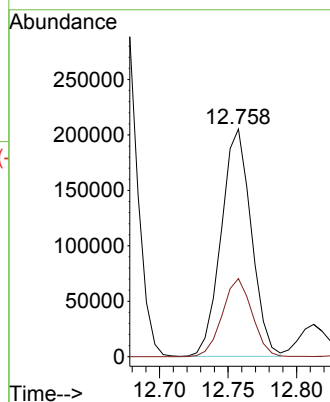
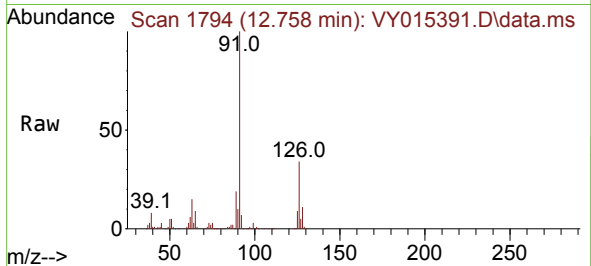




#79
2-Chlorotoluene
Concen: 47.689 ug/l
RT: 12.758 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VY015391.D
Acq: 31 Aug 2023 09:41

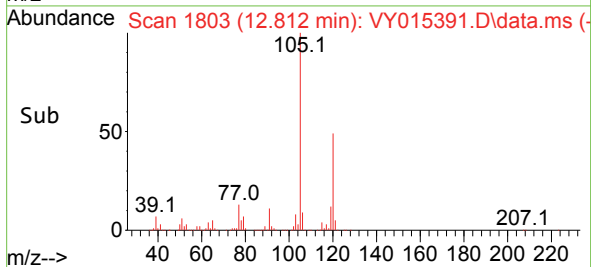
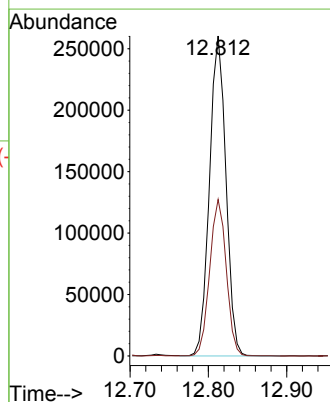
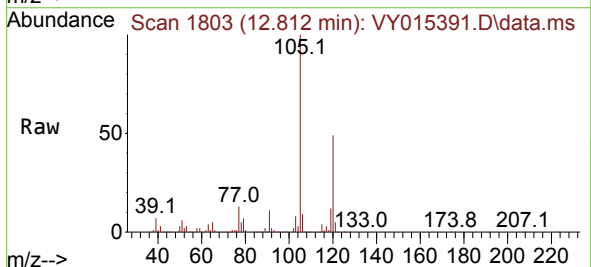
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

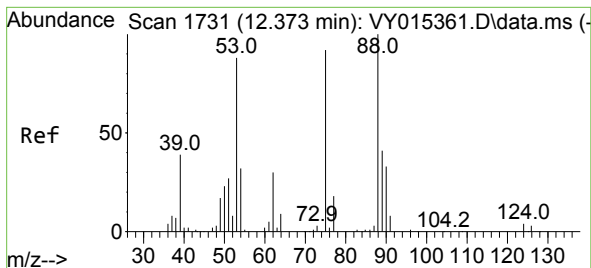
Tgt Ion: 91 Resp: 313914
Ion Ratio Lower Upper
91 100
126 34.0 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 46.851 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015391.D
Acq: 31 Aug 2023 09:41

Tgt Ion: 105 Resp: 380073
Ion Ratio Lower Upper
105 100
120 49.1 23.9 71.7

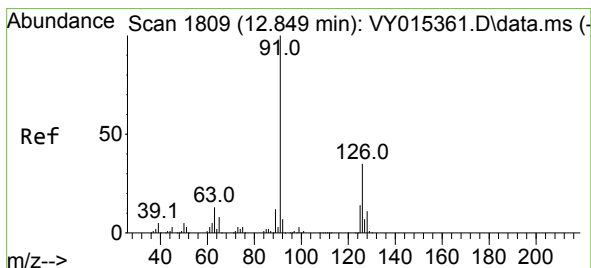
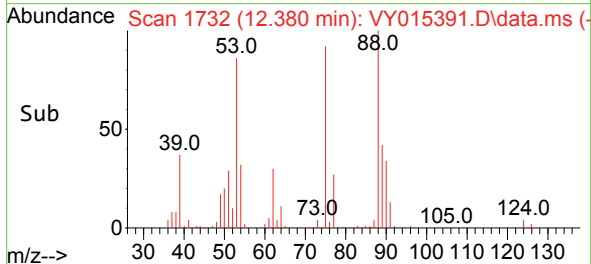
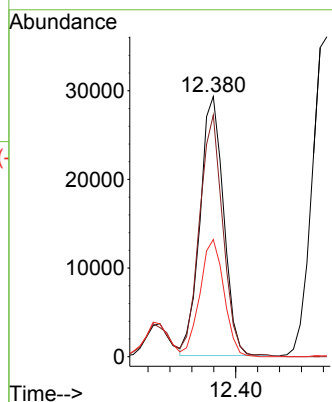
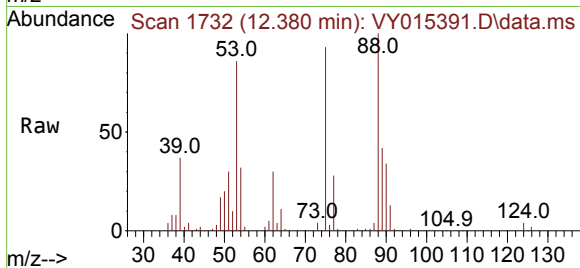




#81
trans-1,4-Dichloro-2-butene
Concen: 56.149 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015391.D
Acq: 31 Aug 2023 09:41

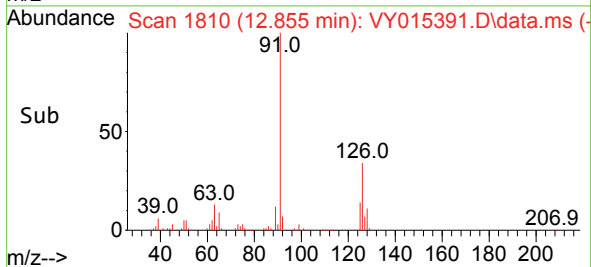
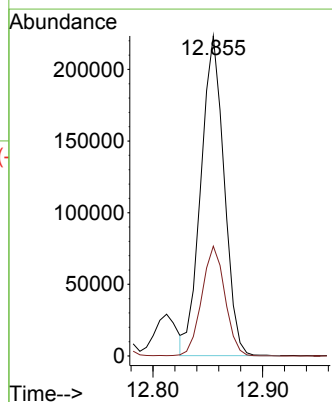
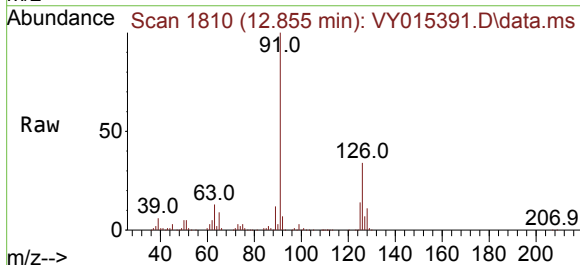
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

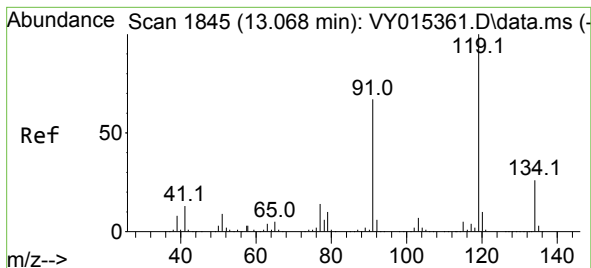
Tgt Ion: 75 Resp: 43585
Ion Ratio Lower Upper
75 100
53 93.2 77.8 116.8
89 46.4 37.4 56.0



#82
4-Chlorotoluene
Concen: 47.966 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY015391.D
Acq: 31 Aug 2023 09:41

Tgt Ion: 91 Resp: 328141
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.6





#83

tert-Butylbenzene

Concen: 45.588 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY015391.D

Acq: 31 Aug 2023 09:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

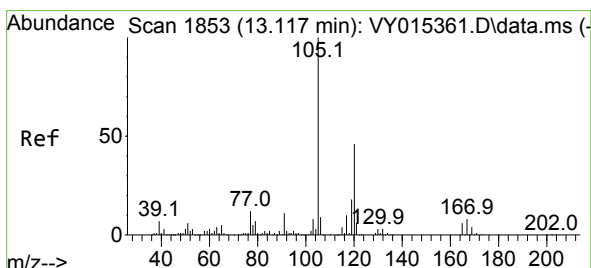
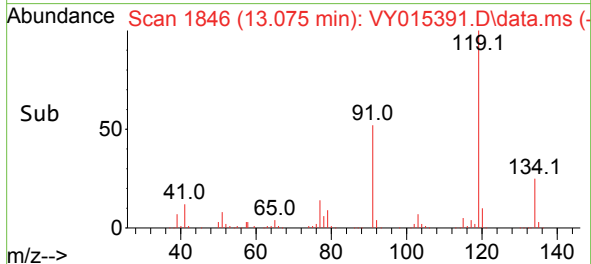
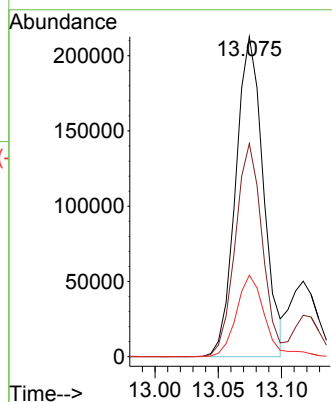
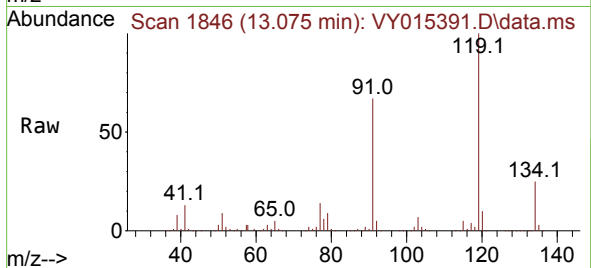
Tgt Ion:119 Resp: 323925

Ion Ratio Lower Upper

119 100

91 64.8 32.9 98.6

134 26.3 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 47.787 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015391.D

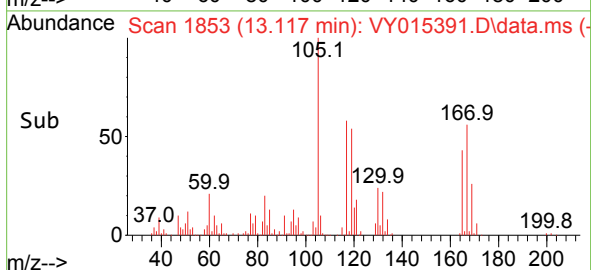
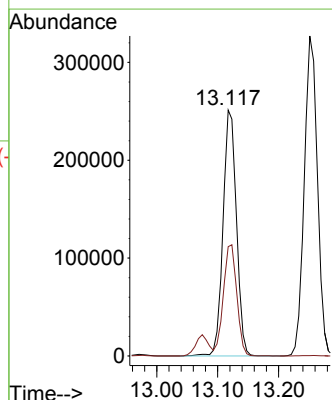
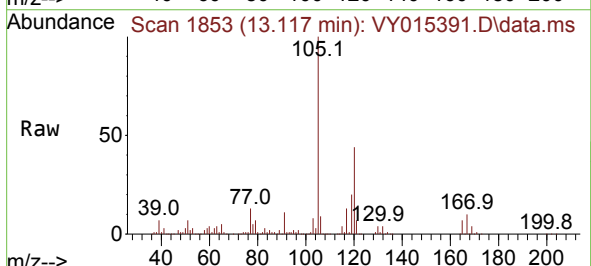
Acq: 31 Aug 2023 09:41

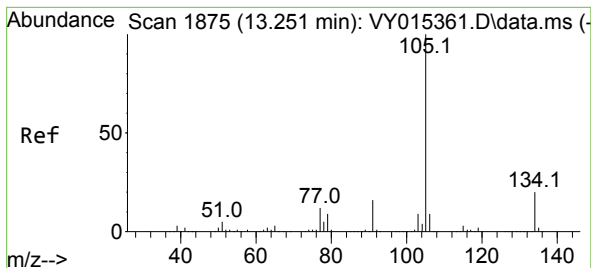
Tgt Ion:105 Resp: 384905

Ion Ratio Lower Upper

105 100

120 45.2 22.2 66.6

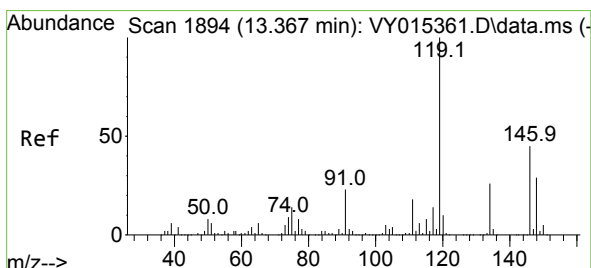
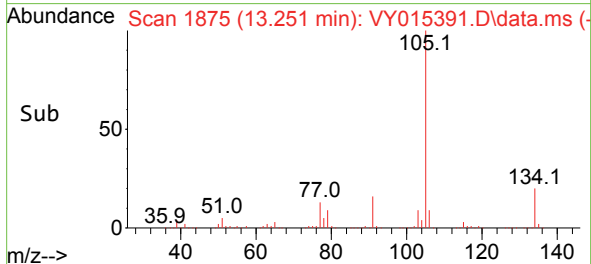
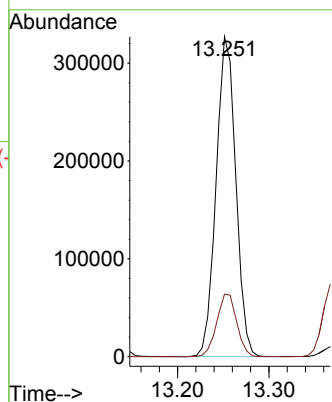
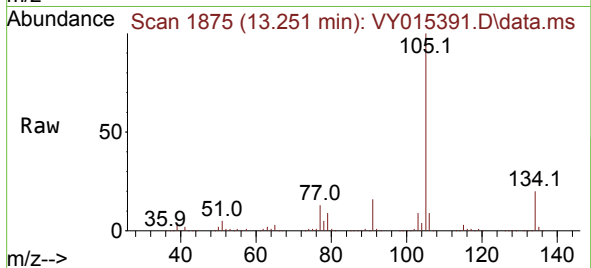




#85
sec-Butylbenzene
Concen: 46.171 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VY015391.D
Acq: 31 Aug 2023 09:41

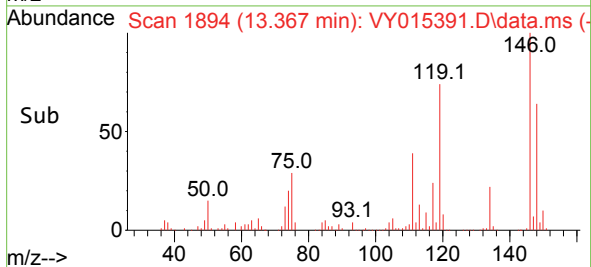
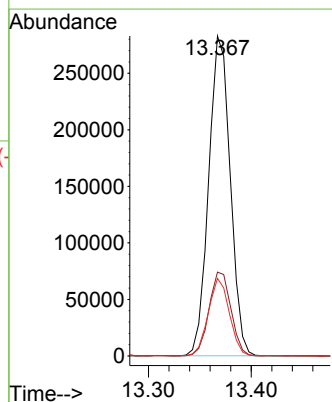
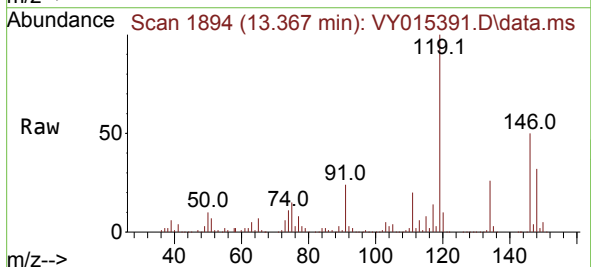
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

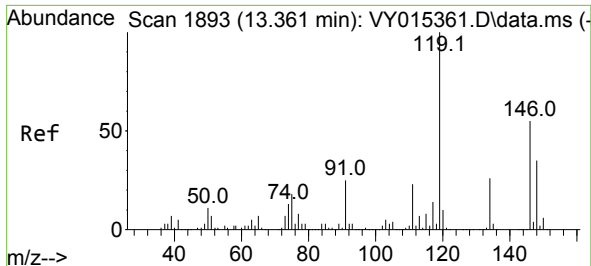
Tgt Ion:105 Resp: 489326
Ion Ratio Lower Upper
105 100
134 19.9 10.2 30.6



#86
p-Isopropyltoluene
Concen: 46.498 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY015391.D
Acq: 31 Aug 2023 09:41

Tgt Ion:119 Resp: 413016
Ion Ratio Lower Upper
119 100
134 26.7 13.3 39.8
91 23.6 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 47.901 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015391.D

Acq: 31 Aug 2023 09:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

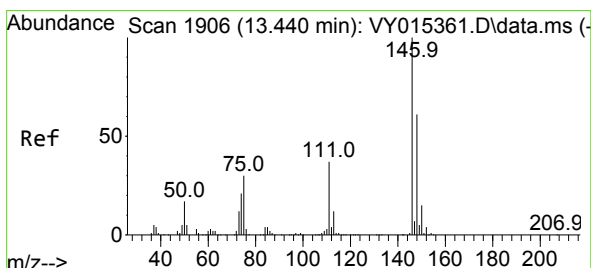
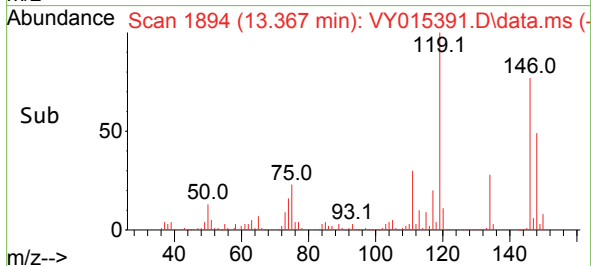
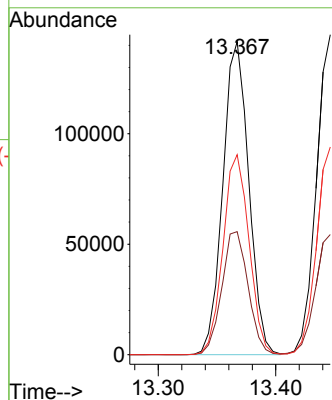
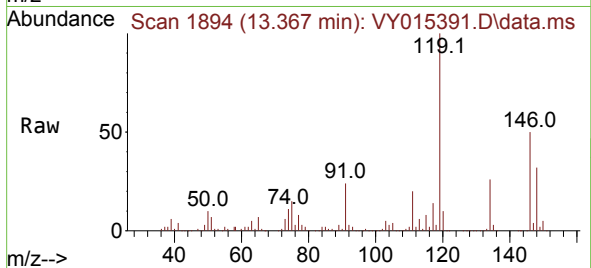
Tgt Ion:146 Resp: 217229

Ion Ratio Lower Upper

146 100

111 40.0 19.4 58.2

148 64.2 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 47.887 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY015391.D

Acq: 31 Aug 2023 09:41

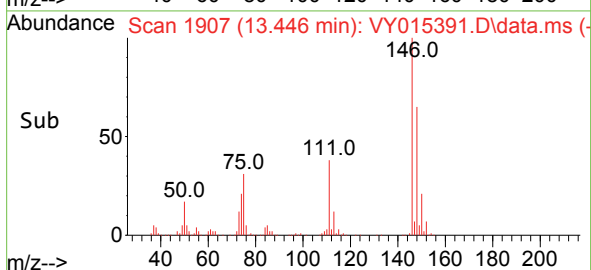
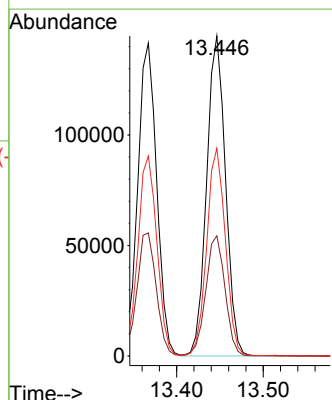
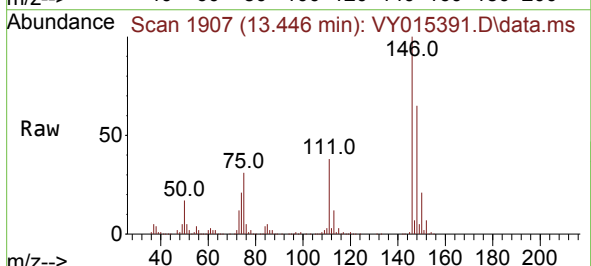
Tgt Ion:146 Resp: 219520

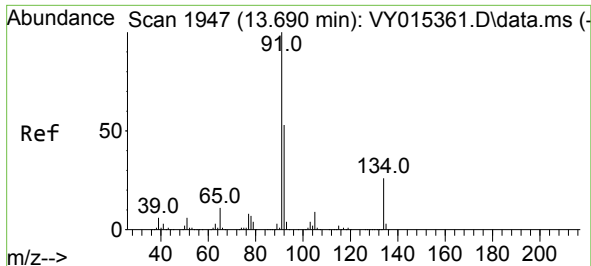
Ion Ratio Lower Upper

146 100

111 38.3 18.9 56.7

148 64.4 32.1 96.5

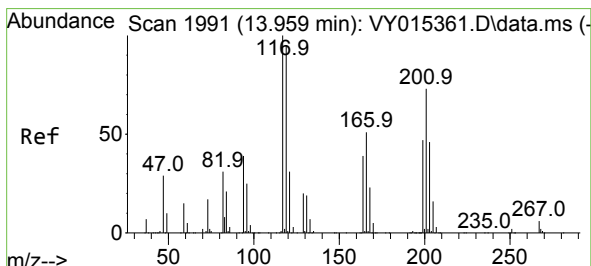
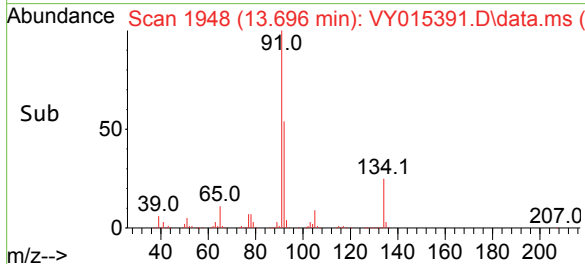
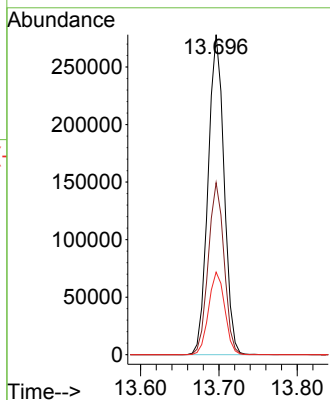
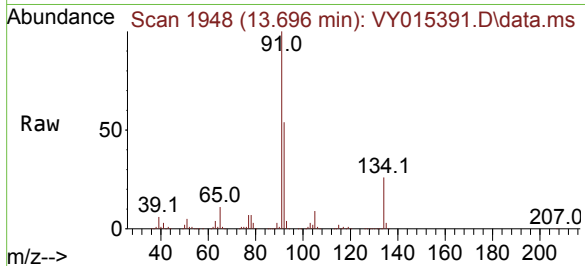




#89
n-Butylbenzene
Concen: 47.090 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY015391.D
Acq: 31 Aug 2023 09:41

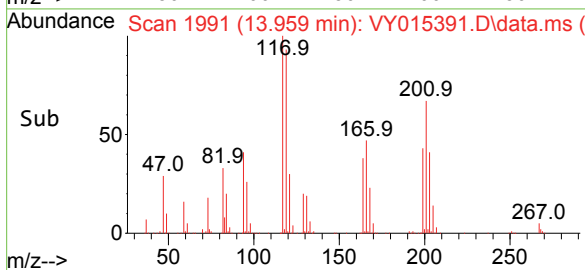
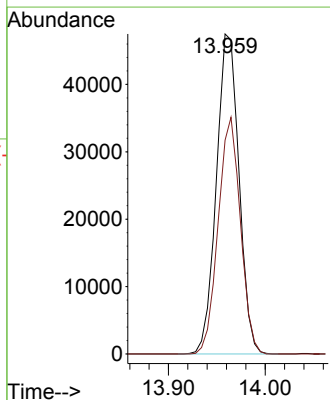
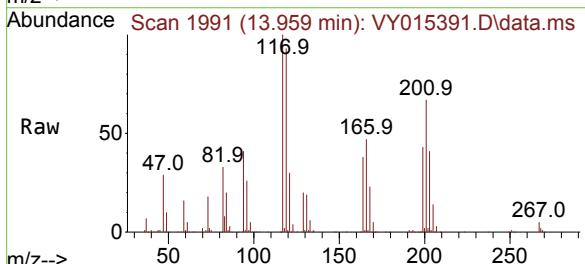
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

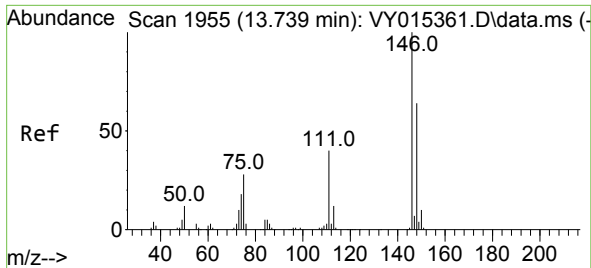
Tgt Ion: 91 Resp: 393681
Ion Ratio Lower Upper
91 100
92 53.2 25.4 76.0
134 26.1 12.6 37.6



#90
Hexachloroethane
Concen: 48.533 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY015391.D
Acq: 31 Aug 2023 09:41

Tgt Ion: 117 Resp: 77100
Ion Ratio Lower Upper
117 100
201 72.6 41.6 124.8

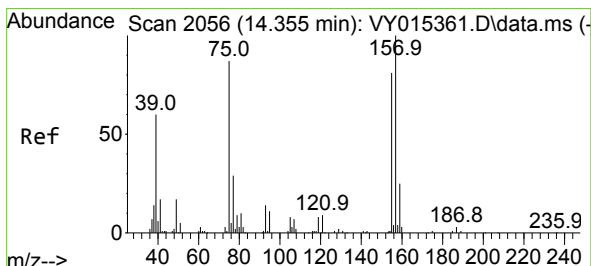
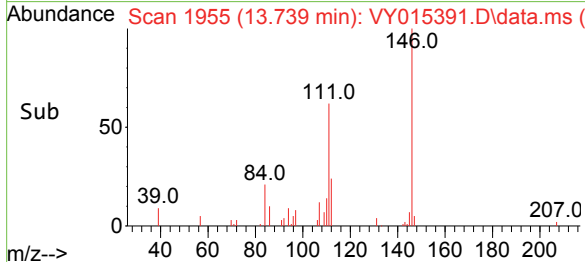
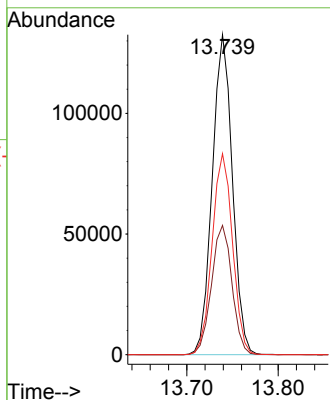
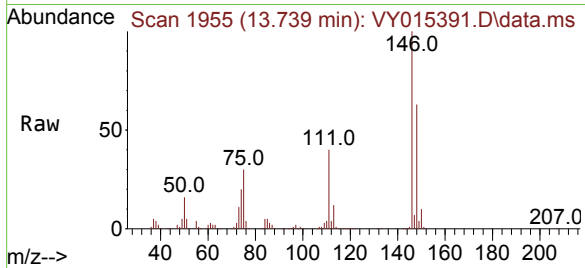




#91
1,2-Dichlorobenzene
Concen: 49.025 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY015391.D
Acq: 31 Aug 2023 09:41

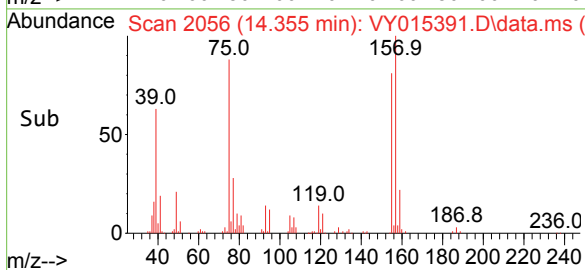
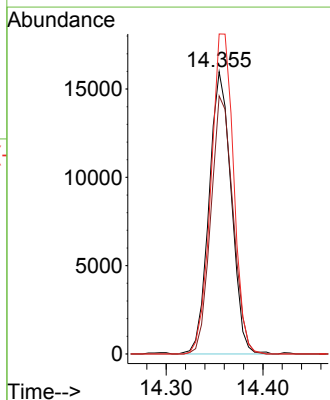
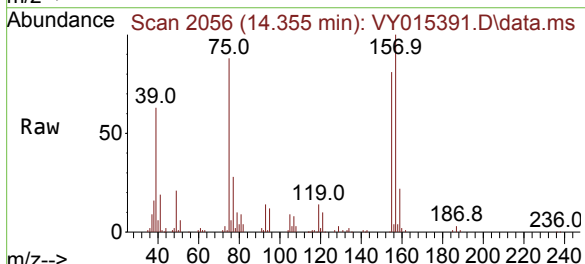
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

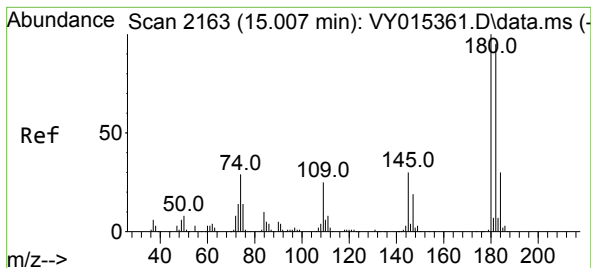
Tgt Ion:146 Resp: 202893
Ion Ratio Lower Upper
146 100
111 41.1 19.7 59.0
148 63.7 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.724 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY015391.D
Acq: 31 Aug 2023 09:41

Tgt Ion: 75 Resp: 25522
Ion Ratio Lower Upper
75 100
155 90.8 41.5 124.6
157 115.3 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 50.142 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015391.D

Acq: 31 Aug 2023 09:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

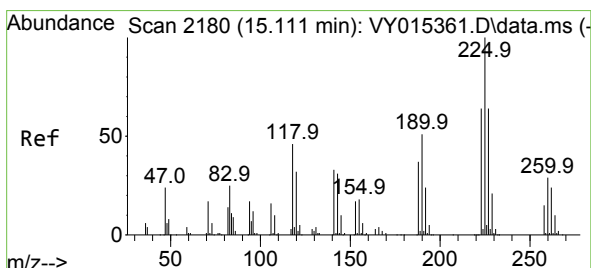
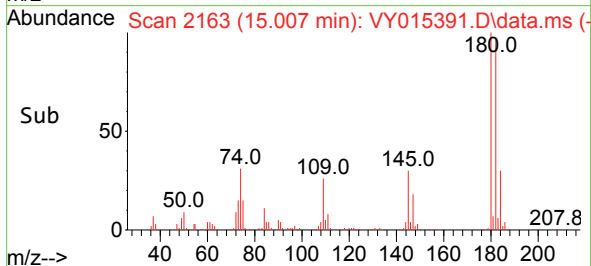
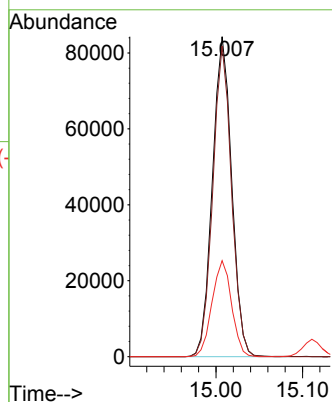
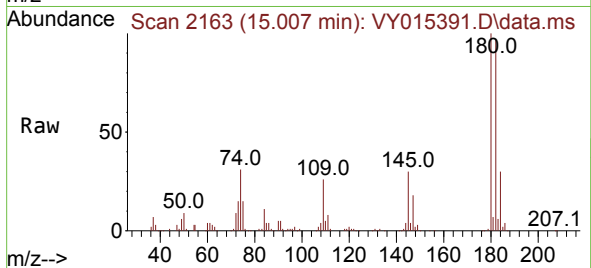
Tgt Ion:180 Resp: 130322

Ion Ratio Lower Upper

180 100

182 94.5 47.0 141.2

145 30.4 14.5 43.5



#94

Hexachlorobutadiene

Concen: 46.187 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015391.D

Acq: 31 Aug 2023 09:41

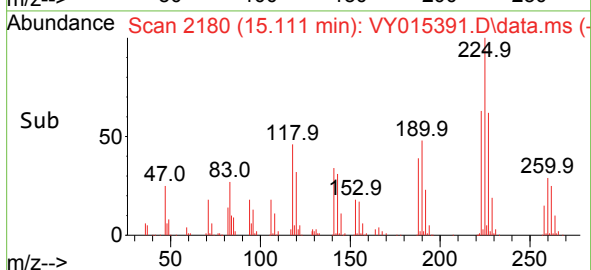
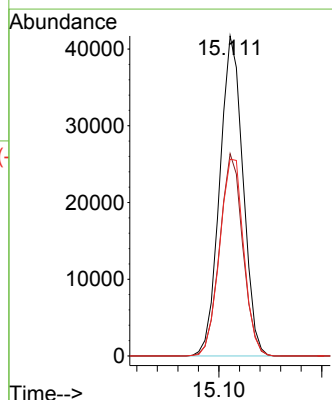
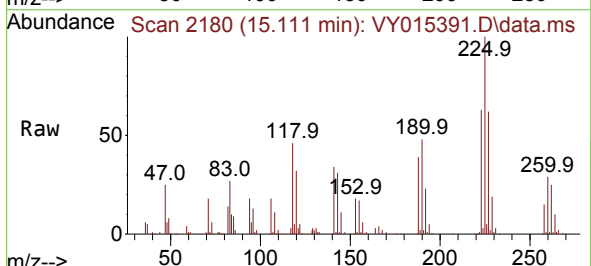
Tgt Ion:225 Resp: 65458

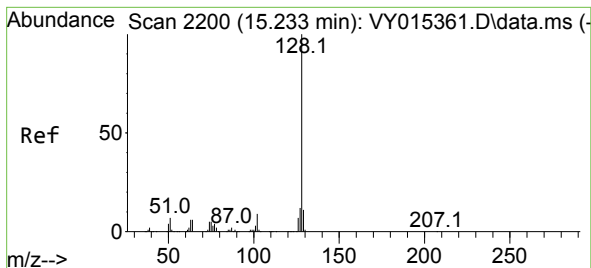
Ion Ratio Lower Upper

225 100

223 63.0 31.9 95.9

227 63.8 33.0 98.9





#95

Naphthalene

Concen: 55.271 ug/l

RT: 15.239 min Scan# 2200

Delta R.T. 0.006 min

Lab File: VY015391.D

Acq: 31 Aug 2023 09:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

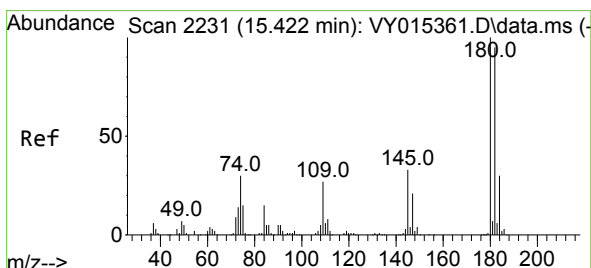
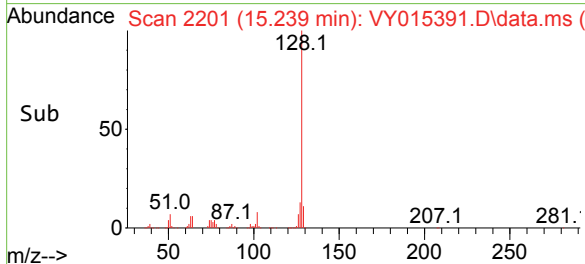
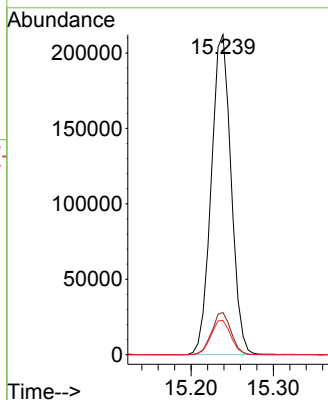
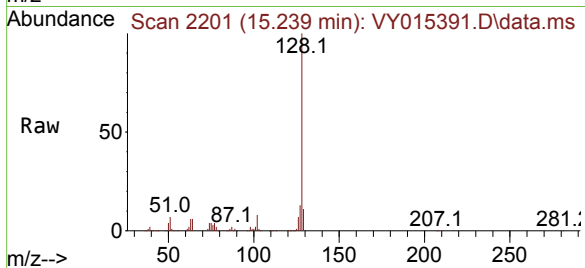
Tgt Ion:128 Resp: 355843

Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 50.787 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY015391.D

Acq: 31 Aug 2023 09:41

Tgt Ion:180 Resp: 120400

Ion Ratio Lower Upper

180 100

182 94.8 47.3 141.8

145 31.6 15.4 46.2

