

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061423\
 Data File : VY014176.D
 Acq On : 15 Jun 2023 00:04
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 15 01:50:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	176057	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	272948	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	264862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	143130	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	117038	47.739	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.480%
35) Dibromofluoromethane	7.728	113	101760	52.570	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.140%
50) Toluene-d8	10.191	98	346147	47.832	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.660%
62) 4-Bromofluorobenzene	12.489	95	133901	52.087	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.180%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	90616	46.183	ug/l	99
3) Chloromethane	2.119	50	114666	46.089	ug/l	100
4) Vinyl Chloride	2.259	62	118174	48.855	ug/l	97
5) Bromomethane	2.656	94	93330	46.764	ug/l	94
6) Chloroethane	2.802	64	77064	46.886	ug/l	100
7) Trichlorofluoromethane	3.137	101	198039	50.397	ug/l	99
8) Diethyl Ether	3.540	74	61524	46.888	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.912	101	100589	50.720	ug/l	99
10) Methyl Iodide	4.107	142	114011	43.536	ug/l	97
11) Tert butyl alcohol	4.966	59	62500	217.551	ug/l #	82
12) 1,1-Dichloroethene	3.887	96	98934	49.217	ug/l	99
13) Acrolein	3.741	56	29904	262.907	ug/l	98
14) Allyl chloride	4.491	41	175180	48.077	ug/l	98
15) Acrylonitrile	5.173	53	163619	241.753	ug/l	99
16) Acetone	3.960	43	145426	196.789	ug/l	94
17) Carbon Disulfide	4.210	76	329748	50.622	ug/l	100
18) Methyl Acetate	4.491	43	134815	47.000	ug/l	99
19) Methyl tert-butyl Ether	5.234	73	281894	47.547	ug/l	98
20) Methylene Chloride	4.728	84	124934	53.183	ug/l	94
21) trans-1,2-Dichloroethene	5.234	96	112600	50.222	ug/l	97
22) Diisopropyl ether	6.137	45	347844	49.859	ug/l	94
23) Vinyl Acetate	6.076	43	997648	242.365	ug/l	99
24) 1,1-Dichloroethane	6.033	63	200260	49.786	ug/l	99
25) 2-Butanone	7.002	43	216376	237.862	ug/l	99
26) 2,2-Dichloropropane	6.996	77	170073	45.016	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	126300	50.357	ug/l	98
28) Bromochloromethane	7.344	49	77034	47.093	ug/l	98
29) Tetrahydrofuran	7.356	42	143162	248.187	ug/l	99
30) Chloroform	7.515	83	219529	51.443	ug/l	97
31) Cyclohexane	7.801	56	166712	50.762	ug/l	99
32) 1,1,1-Trichloroethane	7.716	97	194141	50.442	ug/l	99
36) 1,1-Dichloropropene	7.929	75	156701	51.926	ug/l	99
37) Ethyl Acetate	7.088	43	95555	45.891	ug/l	97
38) Carbon Tetrachloride	7.911	117	181050	51.989	ug/l	99
39) Methylcyclohexane	9.191	83	177760	53.091	ug/l	99
40) Benzene	8.173	78	459226	51.175	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	137378	129.278	ug/l #	30
42) 1,2-Dichloroethane	8.246	62	158975	50.098	ug/l	99
43) Isopropyl Acetate	8.283	43	176743	48.430	ug/l	98
44) Trichloroethene	8.953	130	120739	50.360	ug/l	97
45) 1,2-Dichloropropane	9.222	63	113509	49.800	ug/l	96
46) Dibromomethane	9.313	93	69832	49.772	ug/l	99
47) Bromodichloromethane	9.508	83	170246	51.823	ug/l	97
48) Methyl methacrylate	9.301	41	84518	49.653	ug/l	99
49) 1,4-Dioxane	9.307	88	19177	1075.686	ug/l #	59
51) 4-Methyl-2-Pentanone	10.075	43	495191	249.756	ug/l	100
52) Toluene	10.252	92	293996	52.851	ug/l	97
53) t-1,3-Dichloropropene	10.471	75	171075	49.468	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	186429	49.409	ug/l	98
55) 1,1,2-Trichloroethane	10.654	97	93555	50.273	ug/l	95
56) Ethyl methacrylate	10.520	69	129726	50.540	ug/l	98
57) 1,3-Dichloropropane	10.794	76	158704	49.863	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	306972	265.618	ug/l	98
59) 2-Hexanone	10.837	43	341646	238.576	ug/l	100
60) Dibromochloromethane	10.996	129	121168	50.872	ug/l	99
61) 1,2-Dibromoethane	11.093	107	90684	49.376	ug/l	100
64) Tetrachloroethene	10.727	164	115916	51.345	ug/l	98
65) Chlorobenzene	11.526	112	309995	48.709	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	121297	48.457	ug/l	100
67) Ethyl Benzene	11.599	91	556886	49.990	ug/l	99
68) m/p-Xylenes	11.709	106	433485	101.167	ug/l	98
69) o-Xylene	12.038	106	202931	50.093	ug/l	97
70) Styrene	12.050	104	352295	50.953	ug/l	100
71) Bromoform	12.215	173	81333	47.443	ug/l	99
73) Isopropylbenzene	12.337	105	536415	49.127	ug/l	100
74) N-amyl acetate	12.148	43	157066	45.393	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	113189	46.393	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	150801	80.306	ug/l #	100
77) Bromobenzene	12.617	156	135729	47.296	ug/l	97
78) n-propylbenzene	12.678	91	661546	49.604	ug/l	100
79) 2-Chlorotoluene	12.764	91	377852	49.240	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	466043	49.848	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	37914	43.644	ug/l	98
82) 4-Chlorotoluene	12.861	91	397573	48.890	ug/l	100
83) tert-Butylbenzene	13.081	119	389320	49.002	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	460340	49.742	ug/l	100
85) sec-Butylbenzene	13.257	105	577748	50.018	ug/l	100
86) p-Isopropyltoluene	13.373	119	489347	49.501	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	263838	48.152	ug/l	100
88) 1,4-Dichlorobenzene	13.452	146	260151	47.123	ug/l	100
89) n-Butylbenzene	13.702	91	451063	49.194	ug/l	99
90) Hexachloroethane	13.965	117	95577	48.519	ug/l	96
91) 1,2-Dichlorobenzene	13.745	146	237473	48.255	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	20759	44.680	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	145692	46.734	ug/l	99
94) Hexachlorobutadiene	15.117	225	88255	49.036	ug/l	98
95) Naphthalene	15.245	128	293076	46.316	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	128211	45.513	ug/l	99

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QLast Update : Fri Jun 09 18:07:13 2023
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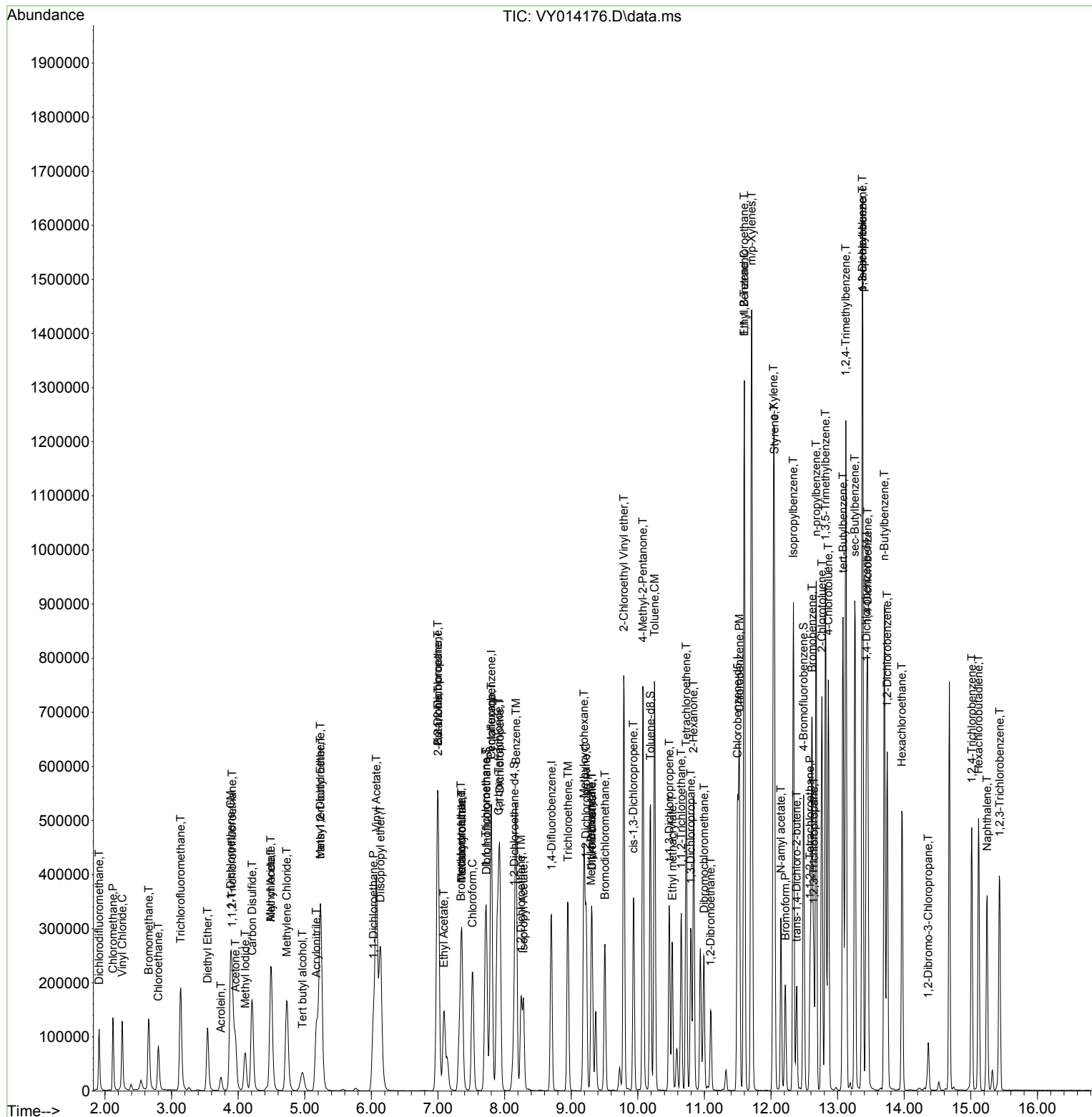
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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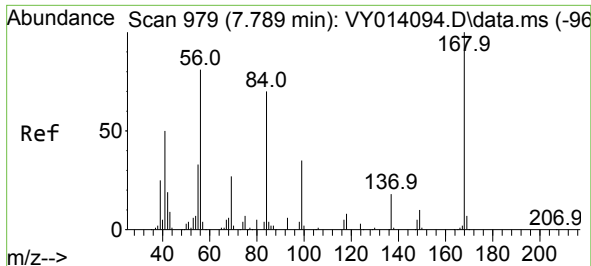
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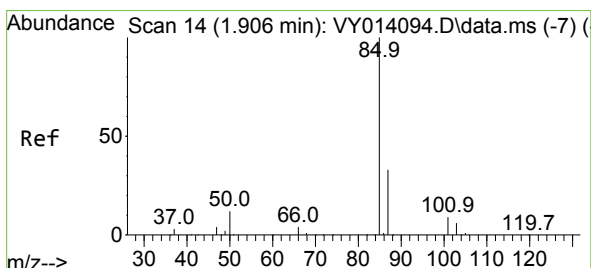
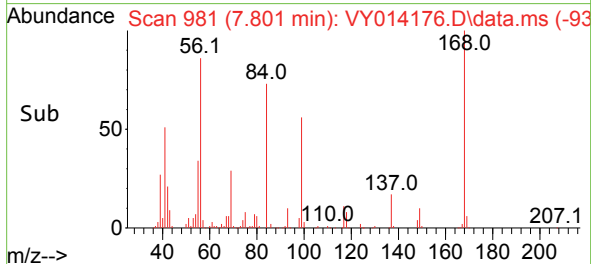
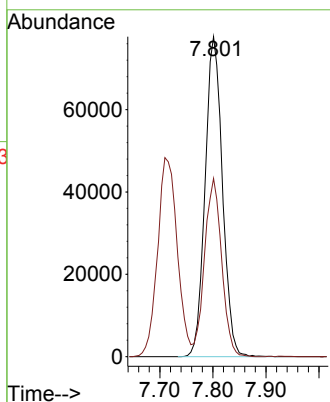
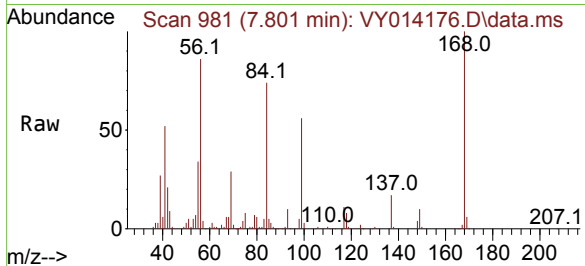




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014176.D
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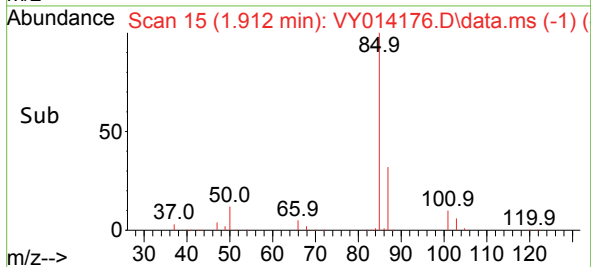
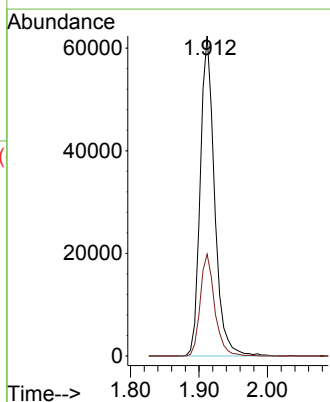
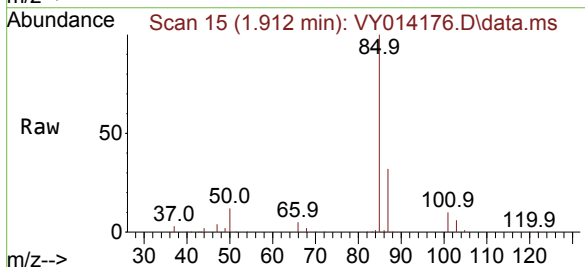
Instrument :
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ClientSampleId :
VSTDCCC050EC

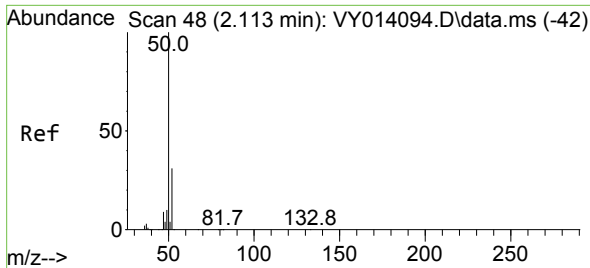
Tgt Ion:168 Resp: 176057
Ion Ratio Lower Upper
168 100
99 55.5 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 46.183 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY014176.D
Acq: 15 Jun 2023 00:04

Tgt Ion: 85 Resp: 90616
Ion Ratio Lower Upper
85 100
87 31.8 15.6 46.8

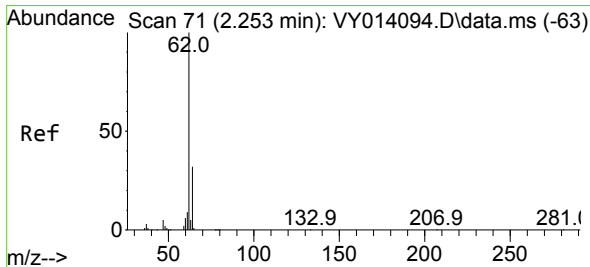
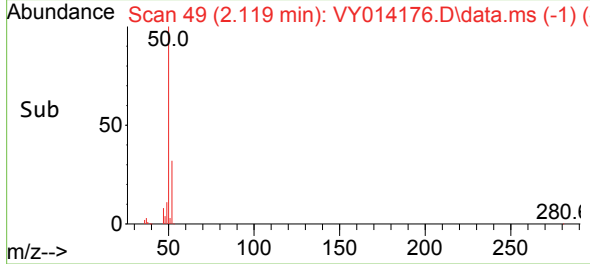
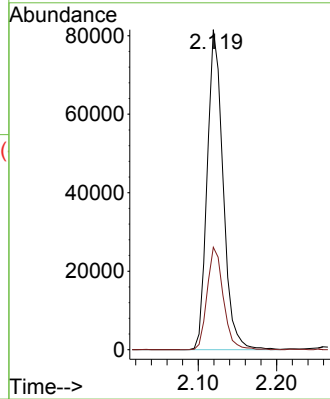
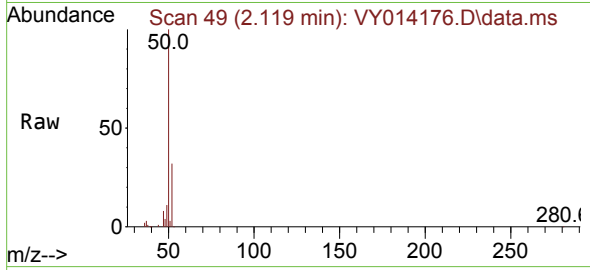




#3
Chloromethane
Concen: 46.089 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY014176.D
Acq: 15 Jun 2023 00:04

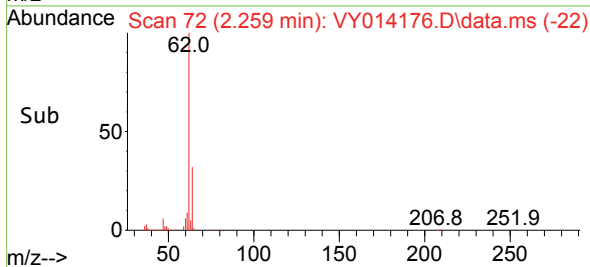
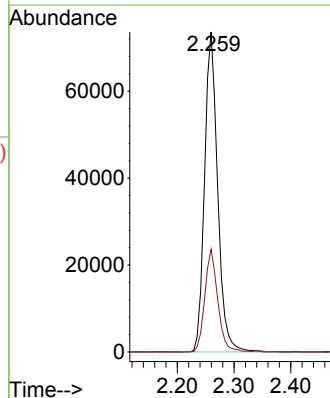
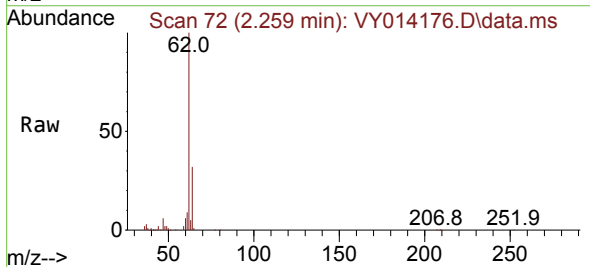
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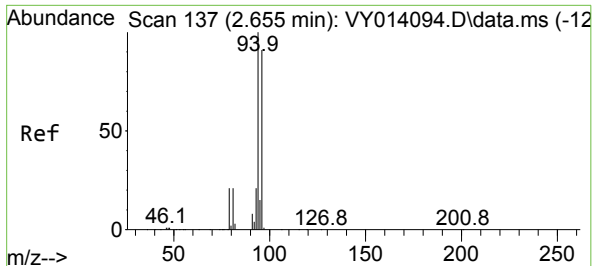
Tgt Ion: 50 Resp: 114666
Ion Ratio Lower Upper
50 100
52 32.0 25.4 38.2



#4
Vinyl Chloride
Concen: 48.855 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY014176.D
Acq: 15 Jun 2023 00:04

Tgt Ion: 62 Resp: 118174
Ion Ratio Lower Upper
62 100
64 32.1 24.3 36.5

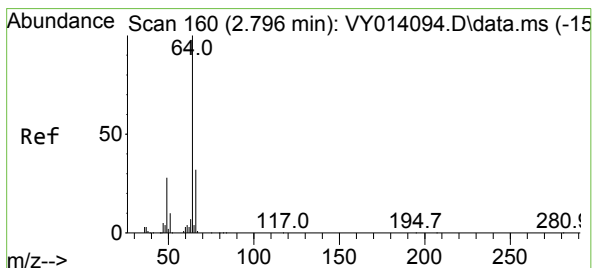
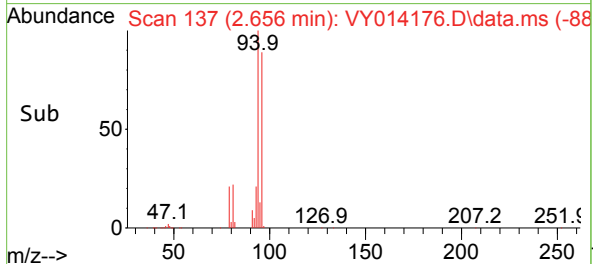
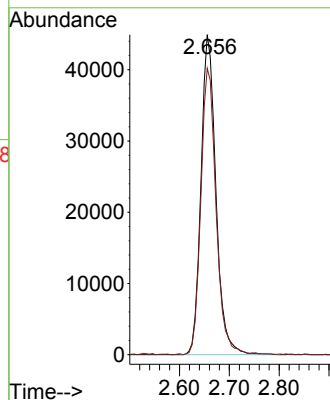
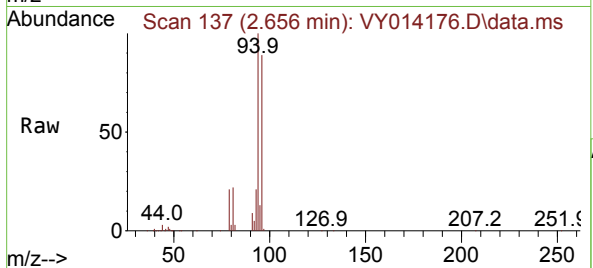




#5
Bromomethane
Concen: 46.764 ug/l
RT: 2.656 min Scan# 111
Delta R.T. 0.001 min
Lab File: VY014176.D
Acq: 15 Jun 2023 00:04

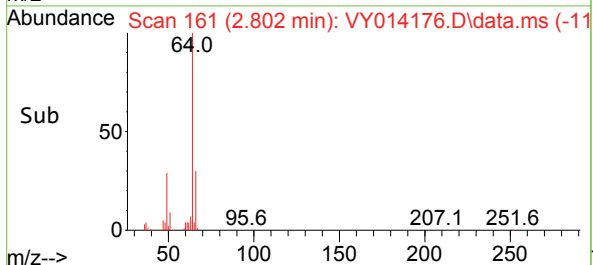
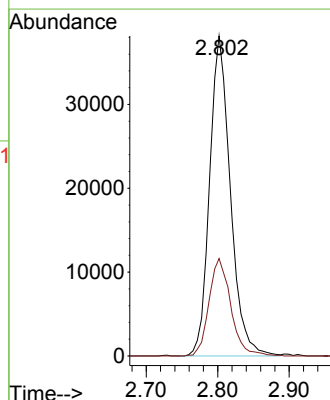
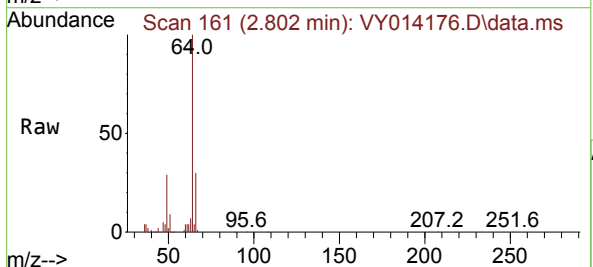
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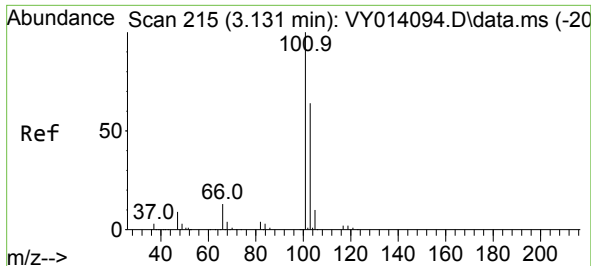
Tgt Ion: 94 Resp: 93330
Ion Ratio Lower Upper
94 100
96 89.3 75.8 113.6



#6
Chloroethane
Concen: 46.886 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.006 min
Lab File: VY014176.D
Acq: 15 Jun 2023 00:04

Tgt Ion: 64 Resp: 77064
Ion Ratio Lower Upper
64 100
66 30.4 24.4 36.6

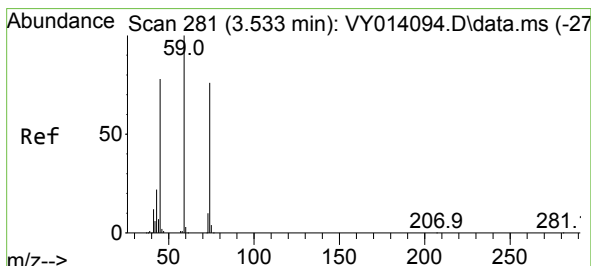
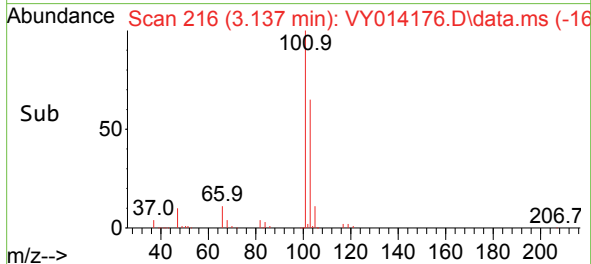
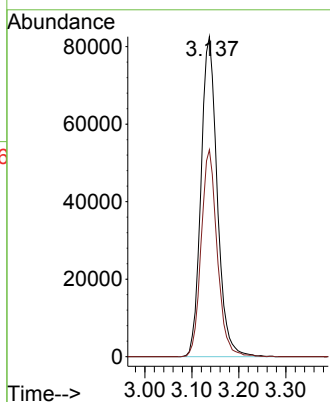
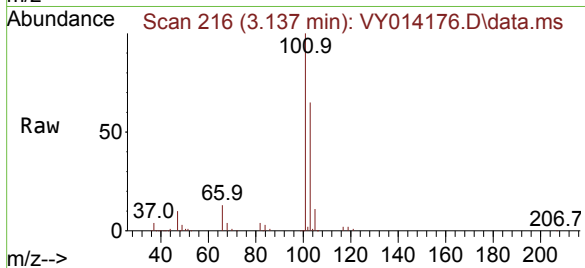




#7
 Trichlorofluoromethane
 Concen: 50.397 ug/l
 RT: 3.137 min Scan# 215
 Delta R.T. 0.006 min
 Lab File: VY014176.D
 Acq: 15 Jun 2023 00:04

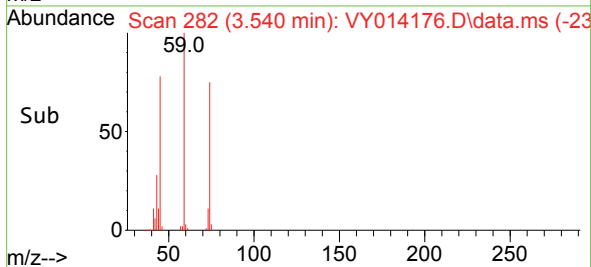
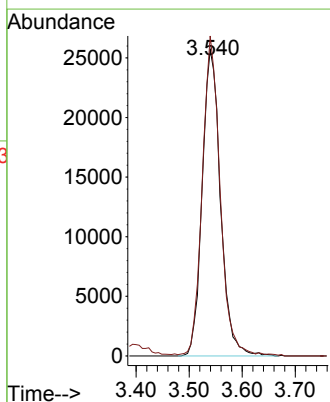
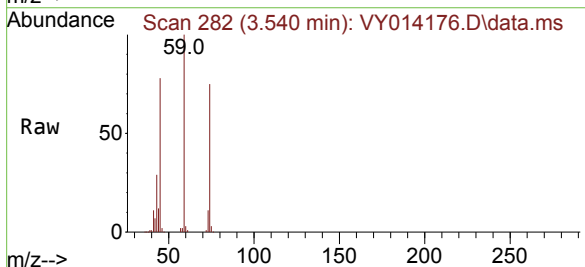
Instrument :
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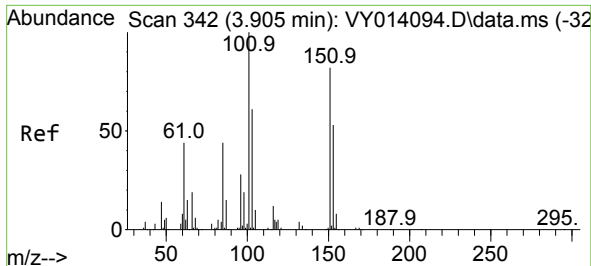
Tgt Ion:101 Resp: 198039
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.4 77.0



#8
 Diethyl Ether
 Concen: 46.888 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. 0.007 min
 Lab File: VY014176.D
 Acq: 15 Jun 2023 00:04

Tgt Ion: 74 Resp: 61524
 Ion Ratio Lower Upper
 74 100
 45 102.7 51.5 154.5

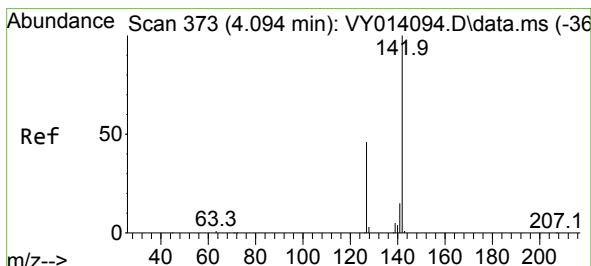
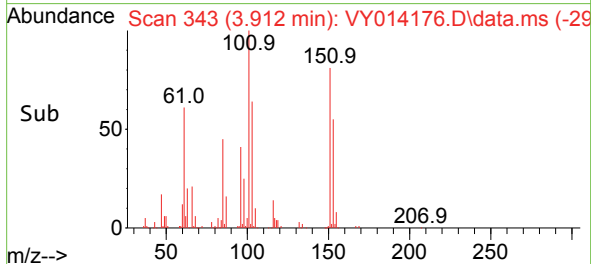
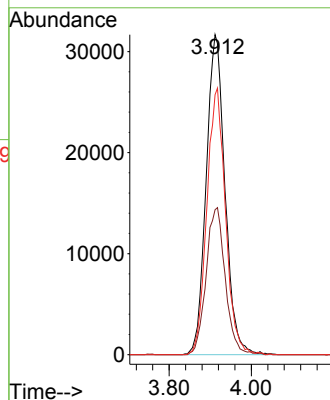
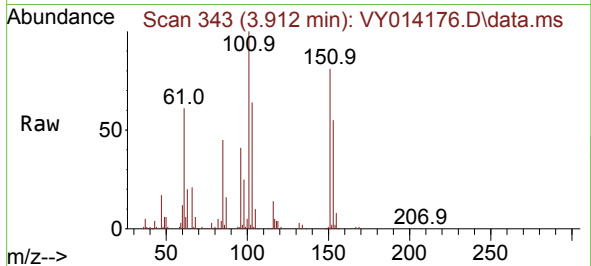




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.720 ug/l
RT: 3.912 min Scan# 341
Delta R.T. 0.007 min
Lab File: VY014176.D
Acq: 15 Jun 2023 00:04

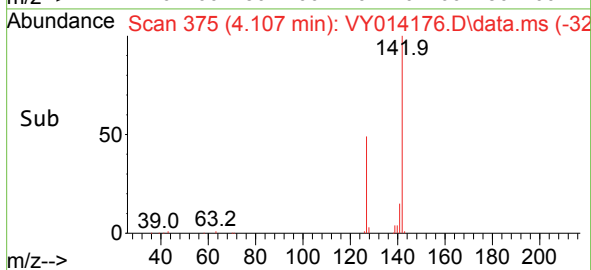
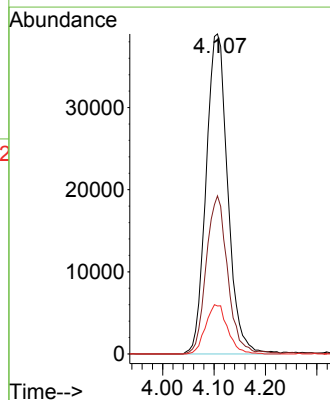
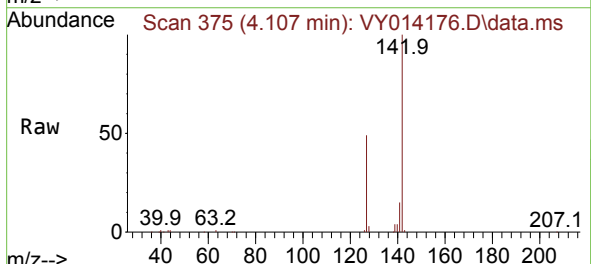
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

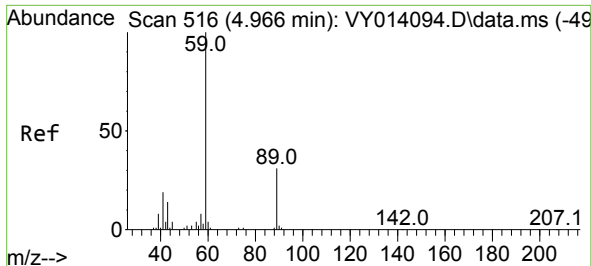
Tgt Ion:101 Resp: 100589
Ion Ratio Lower Upper
101 100
85 46.8 36.6 55.0
151 82.5 67.0 100.6



#10
Methyl Iodide
Concen: 43.536 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.013 min
Lab File: VY014176.D
Acq: 15 Jun 2023 00:04

Tgt Ion:142 Resp: 114011
Ion Ratio Lower Upper
142 100
127 49.1 37.6 56.4
141 15.7 11.8 17.8

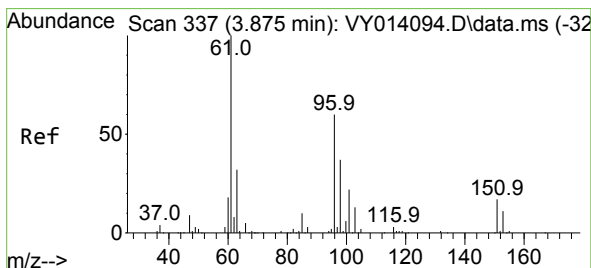
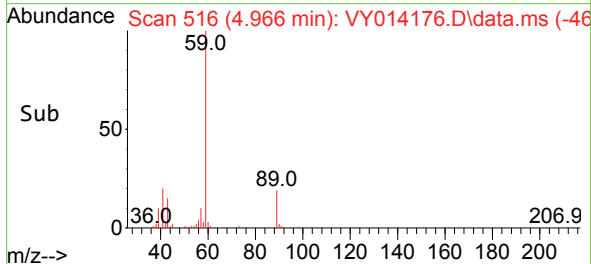
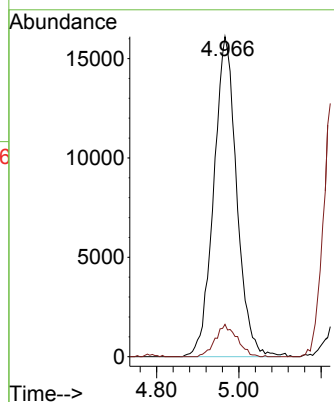
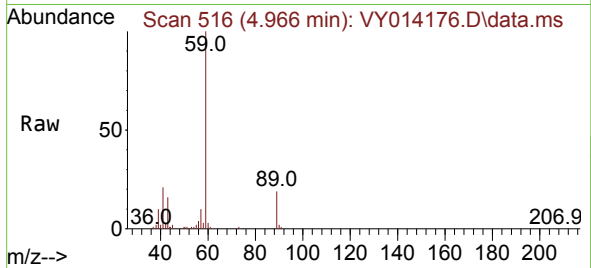




#11
Tert butyl alcohol
Concen: 217.551 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY014176.D
Acq: 15 Jun 2023 00:04

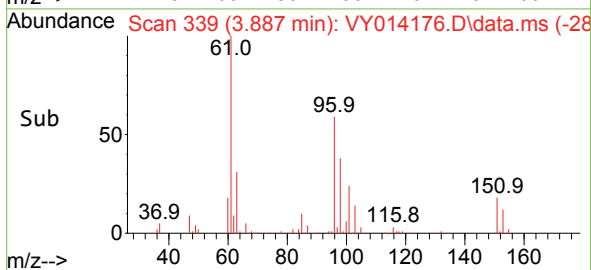
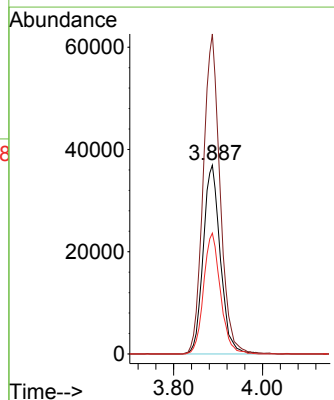
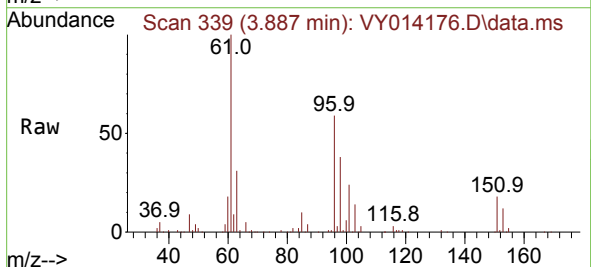
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

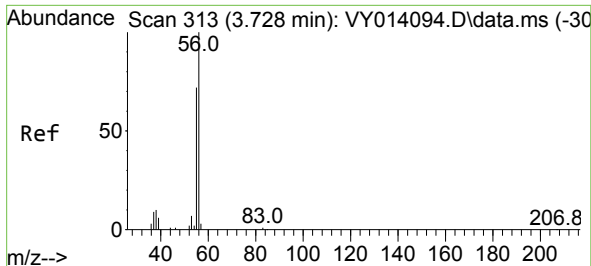
Tgt Ion: 59 Resp: 62500
Ion Ratio Lower Upper
59 100
57 9.5 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 49.217 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.012 min
Lab File: VY014176.D
Acq: 15 Jun 2023 00:04

Tgt Ion: 96 Resp: 98934
Ion Ratio Lower Upper
96 100
61 169.4 136.4 204.6
98 64.0 49.4 74.2





#13

Acrolein

Concen: 262.907 ug/l

RT: 3.741 min Scan# 313

Delta R.T. 0.013 min

Lab File: VY014176.D

Acq: 15 Jun 2023 00:04

Instrument :

MSVOA_Y

ClientSampleId :

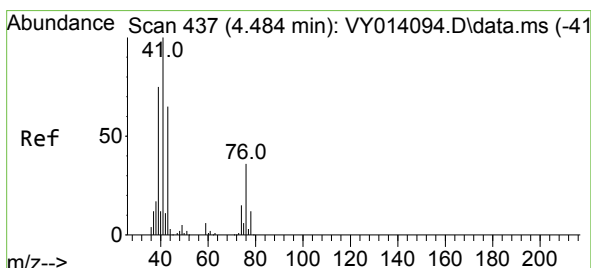
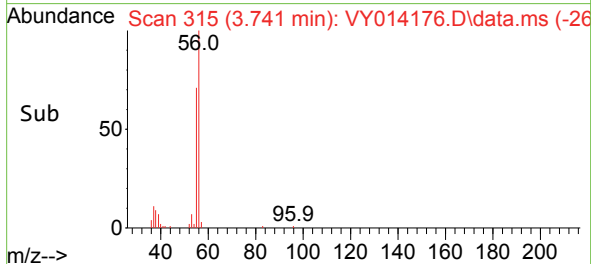
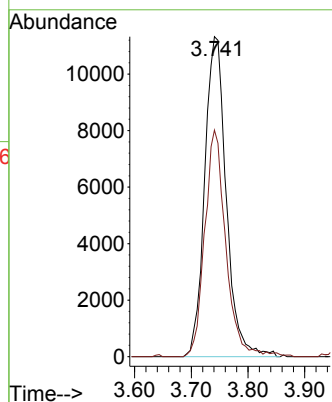
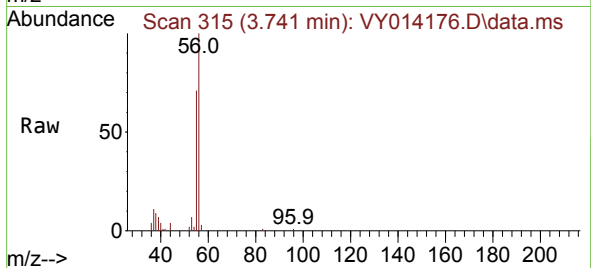
VSTDCCC050EC

Tgt Ion: 56 Resp: 29904

Ion Ratio Lower Upper

56 100

55 69.5 57.0 85.4



#14

Allyl chloride

Concen: 48.077 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.007 min

Lab File: VY014176.D

Acq: 15 Jun 2023 00:04

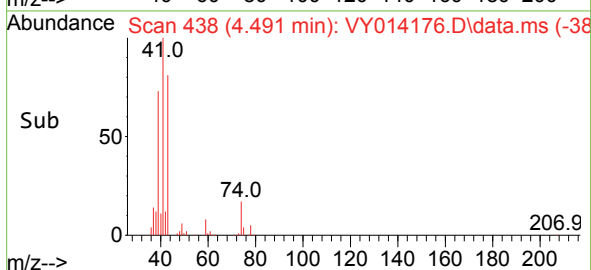
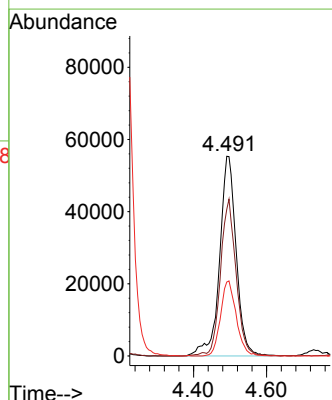
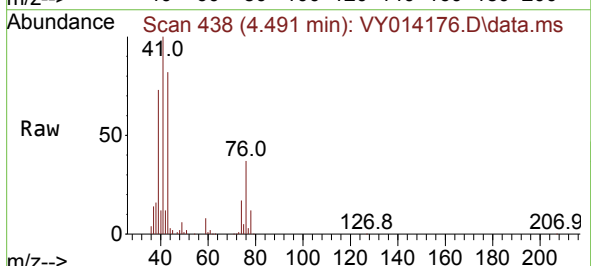
Tgt Ion: 41 Resp: 175180

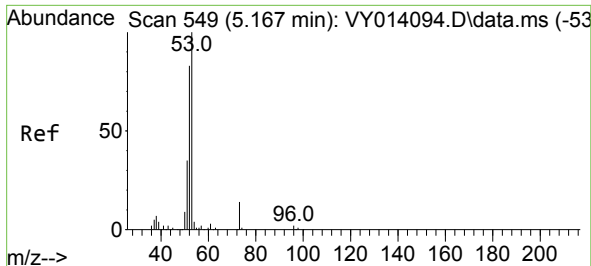
Ion Ratio Lower Upper

41 100

39 74.0 58.0 87.0

76 35.5 27.4 41.2

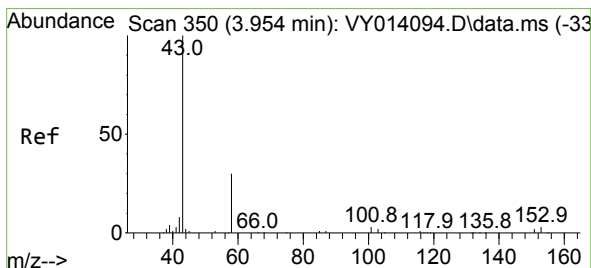
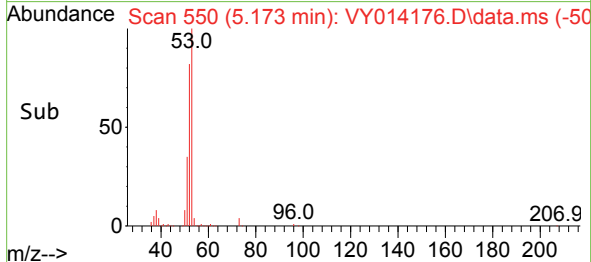
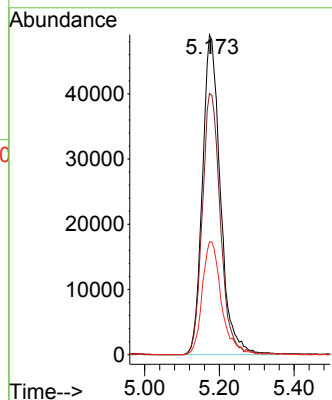
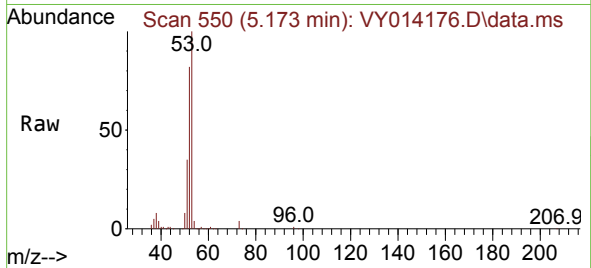




#15
Acrylonitrile
Concen: 241.753 ug/l
RT: 5.173 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY014176.D
Acq: 15 Jun 2023 00:04

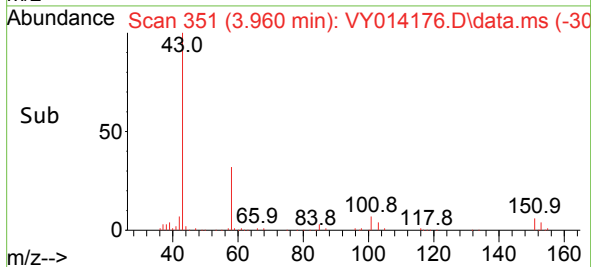
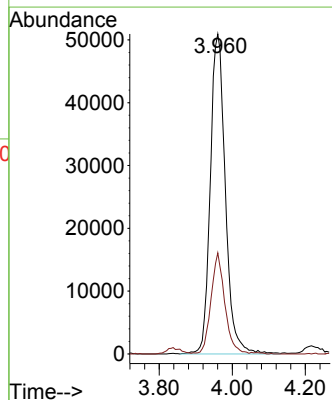
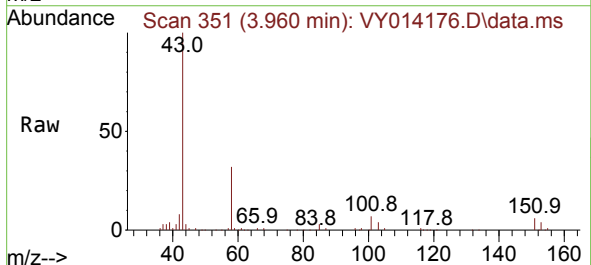
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

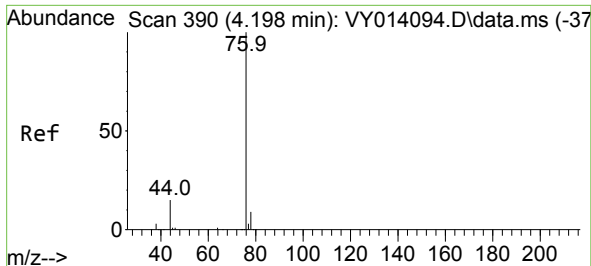
Tgt Ion: 53 Resp: 163619
Ion Ratio Lower Upper
53 100
52 82.1 66.9 100.3
51 37.7 29.8 44.6



#16
Acetone
Concen: 196.789 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY014176.D
Acq: 15 Jun 2023 00:04

Tgt Ion: 43 Resp: 145426
Ion Ratio Lower Upper
43 100
58 31.6 22.7 34.1





#17

Carbon Disulfide

Concen: 50.622 ug/l

RT: 4.210 min Scan# 392

Delta R.T. 0.012 min

Lab File: VY014176.D

Acq: 15 Jun 2023 00:04

Instrument :

MSVOA_Y

ClientSampleId :

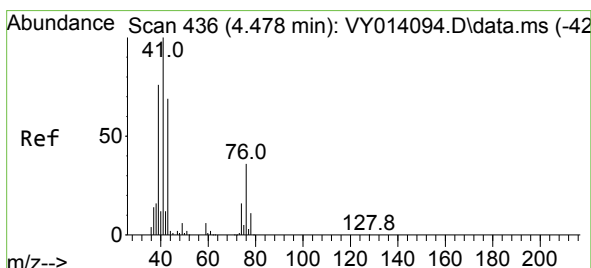
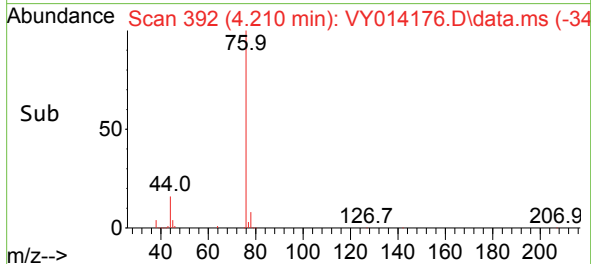
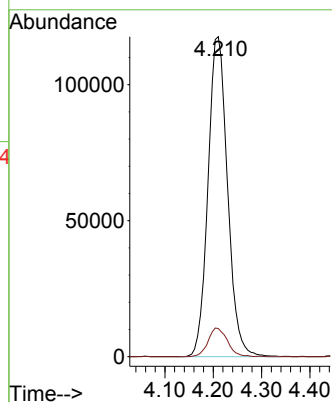
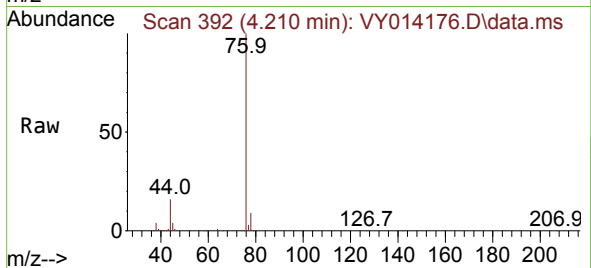
VSTDCCC050EC

Tgt Ion: 76 Resp: 329748

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.4



#18

Methyl Acetate

Concen: 47.000 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.013 min

Lab File: VY014176.D

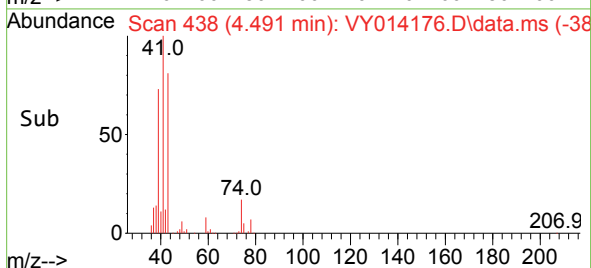
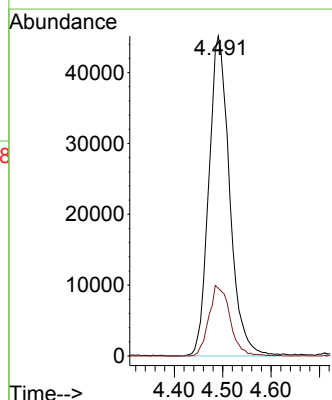
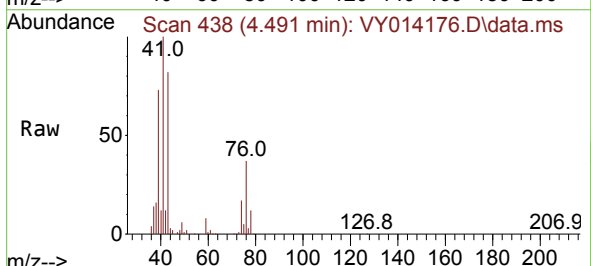
Acq: 15 Jun 2023 00:04

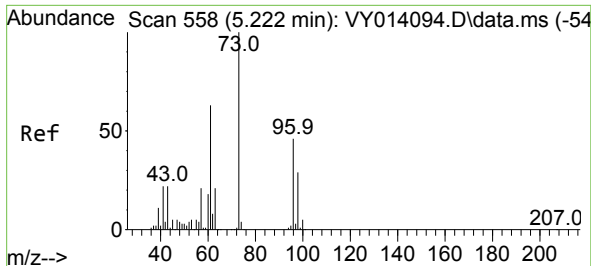
Tgt Ion: 43 Resp: 134815

Ion Ratio Lower Upper

43 100

74 22.4 17.4 26.0

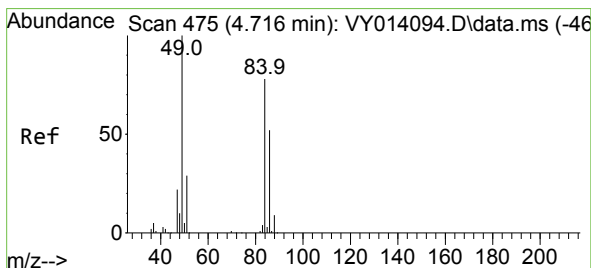
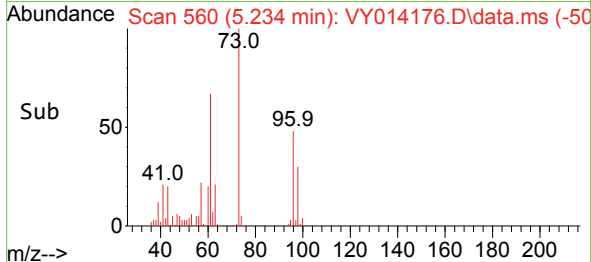
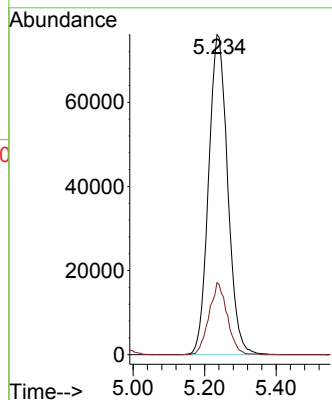
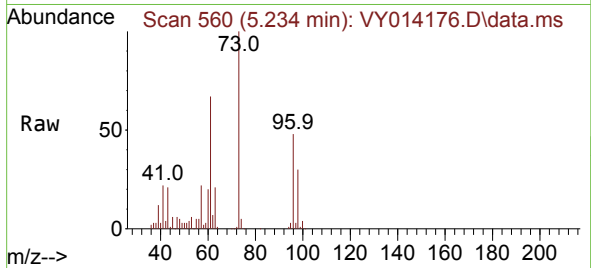




#19
Methyl tert-butyl Ether
Concen: 47.547 ug/l
RT: 5.234 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY014176.D
Acq: 15 Jun 2023 00:04

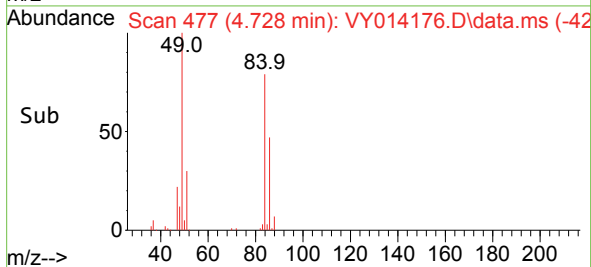
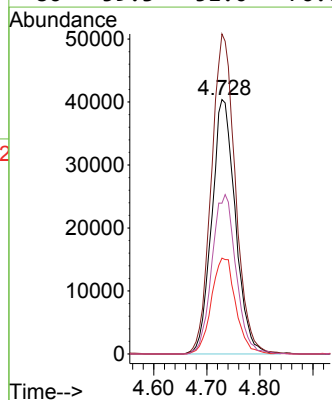
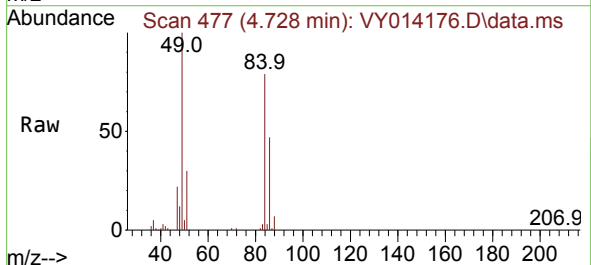
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

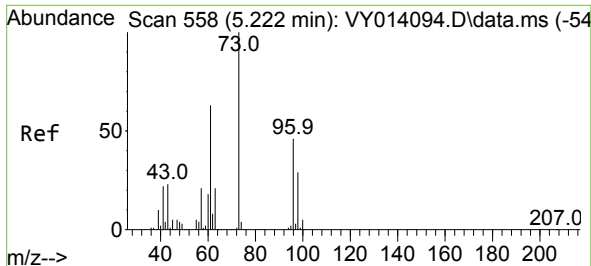
Tgt Ion: 73 Resp: 281894
Ion Ratio Lower Upper
73 100
57 22.5 17.3 25.9



#20
Methylene Chloride
Concen: 53.183 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.012 min
Lab File: VY014176.D
Acq: 15 Jun 2023 00:04

Tgt Ion: 84 Resp: 124934
Ion Ratio Lower Upper
84 100
49 125.8 106.9 160.3
51 37.7 33.2 49.8
86 59.3 51.0 76.6

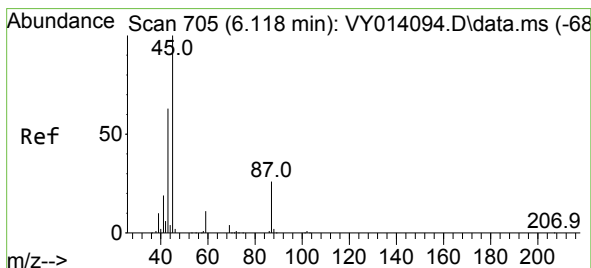
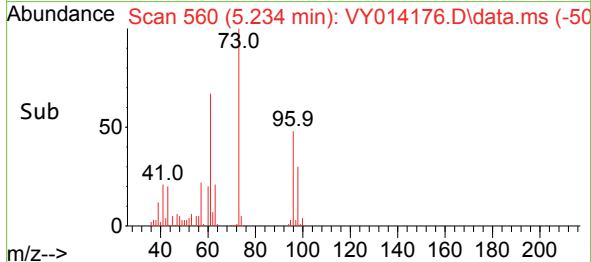
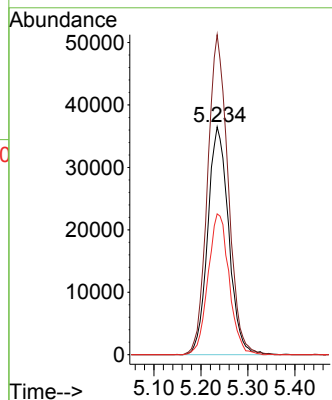
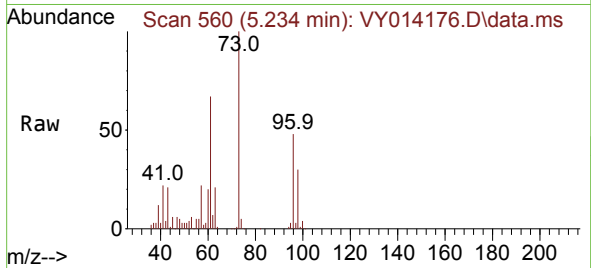




#21
trans-1,2-Dichloroethene
Concen: 50.222 ug/l
RT: 5.234 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY014176.D
Acq: 15 Jun 2023 00:04

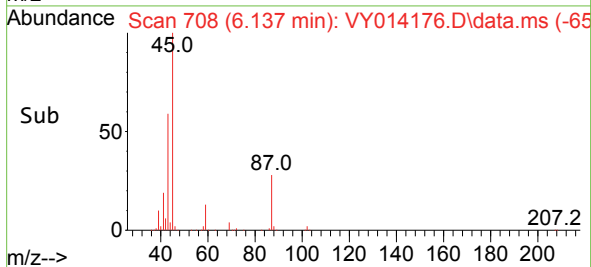
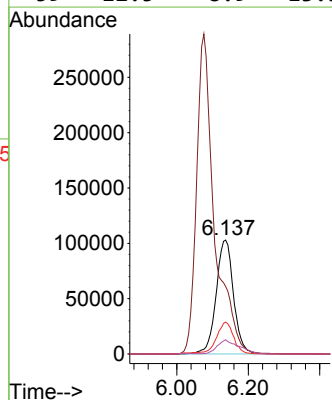
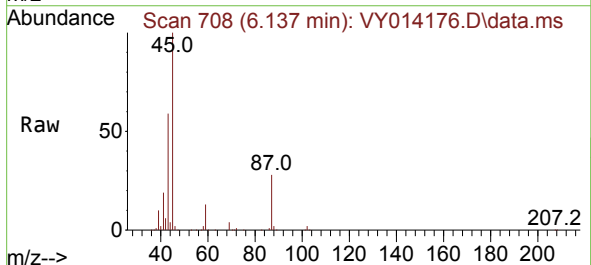
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

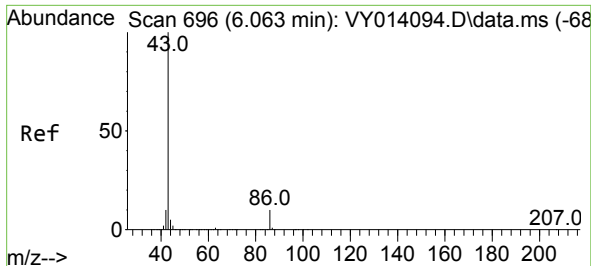
Tgt Ion: 96 Resp: 112600
Ion Ratio Lower Upper
96 100
61 140.5 110.2 165.4
98 61.8 51.8 77.6



#22
Diisopropyl ether
Concen: 49.859 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.019 min
Lab File: VY014176.D
Acq: 15 Jun 2023 00:04

Tgt Ion: 45 Resp: 347844
Ion Ratio Lower Upper
45 100
43 59.0 52.2 78.4
87 28.0 21.0 31.6
59 12.5 8.9 13.3

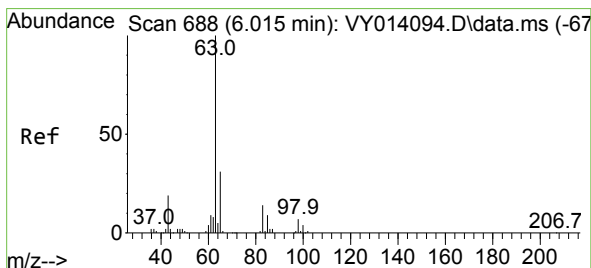
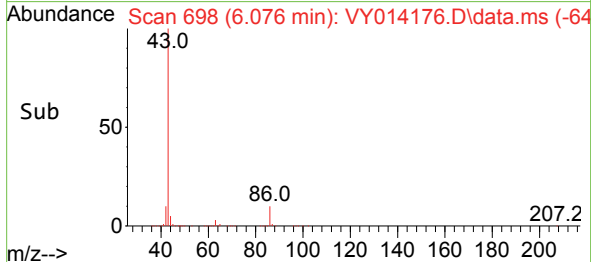
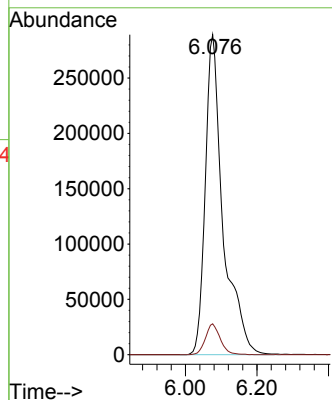
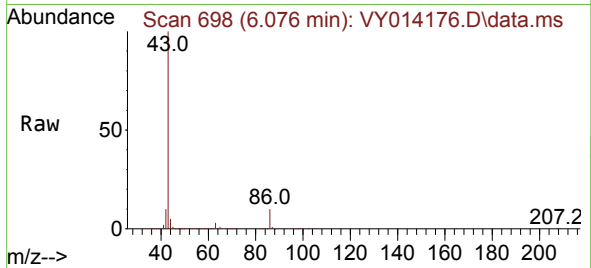




#23
 Vinyl Acetate
 Concen: 242.365 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. 0.013 min
 Lab File: VY014176.D
 Acq: 15 Jun 2023 00:04

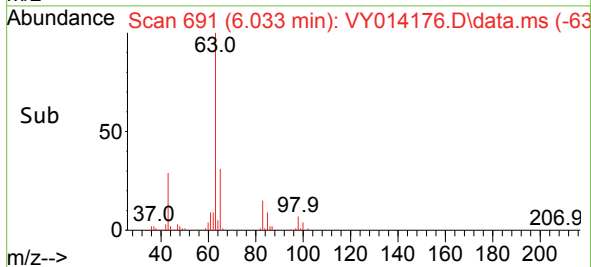
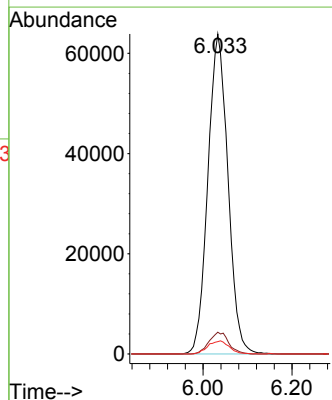
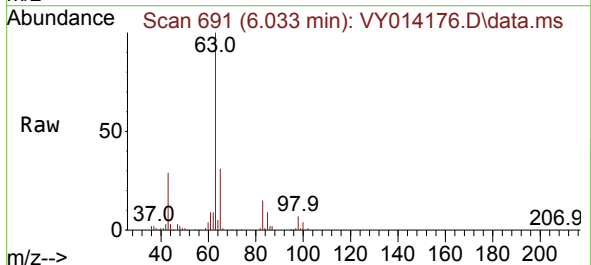
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

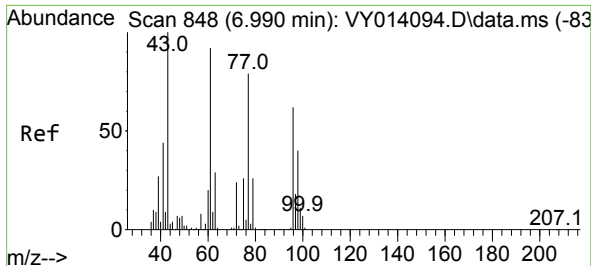
Tgt Ion: 43 Resp: 997648
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 49.786 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.018 min
 Lab File: VY014176.D
 Acq: 15 Jun 2023 00:04

Tgt Ion: 63 Resp: 200260
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.1 9.4
 100 3.9 1.8 5.5





#25

2-Butanone

Concen: 237.862 ug/l

RT: 7.002 min Scan# 81

Delta R.T. 0.012 min

Lab File: VY014176.D

Acq: 15 Jun 2023 00:04

Instrument :

MSVOA_Y

ClientSampleId :

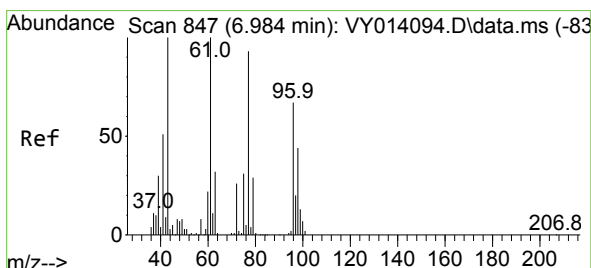
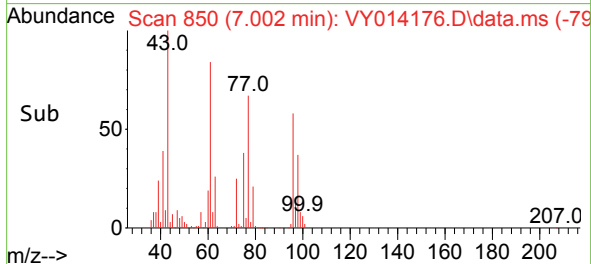
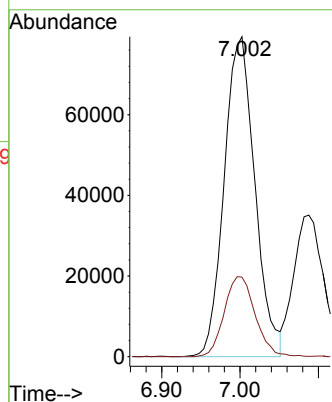
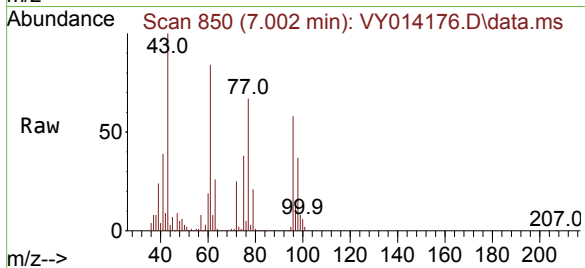
VSTDCCC050EC

Tgt Ion: 43 Resp: 216376

Ion Ratio Lower Upper

43 100

72 24.9 20.5 30.7



#26

2,2-Dichloropropane

Concen: 45.016 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY014176.D

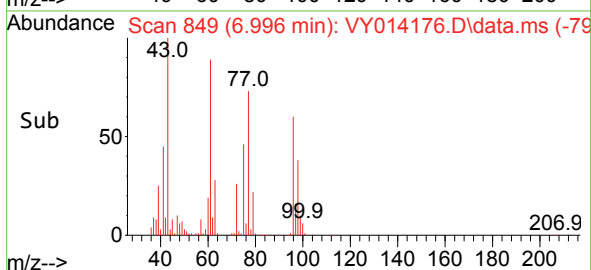
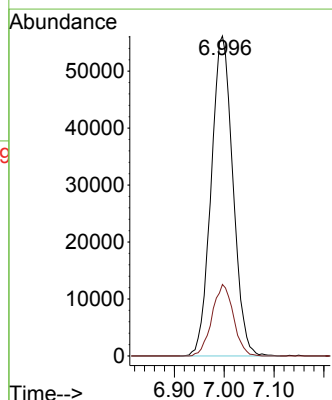
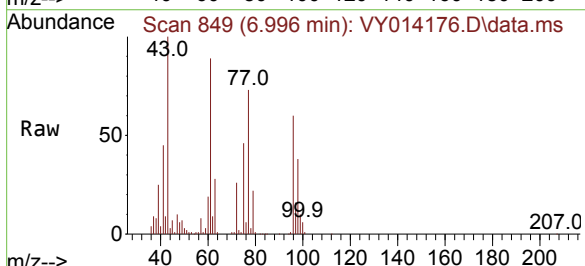
Acq: 15 Jun 2023 00:04

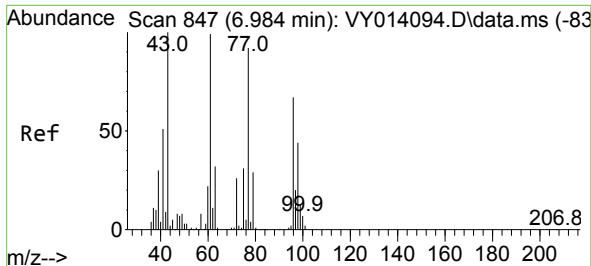
Tgt Ion: 77 Resp: 170073

Ion Ratio Lower Upper

77 100

97 22.0 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 50.357 ug/l

RT: 6.996 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY014176.D

Acq: 15 Jun 2023 00:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

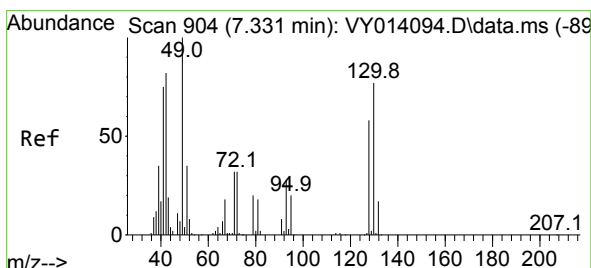
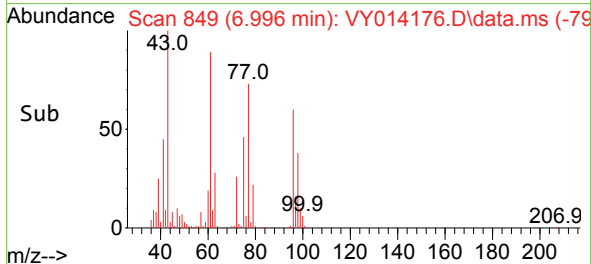
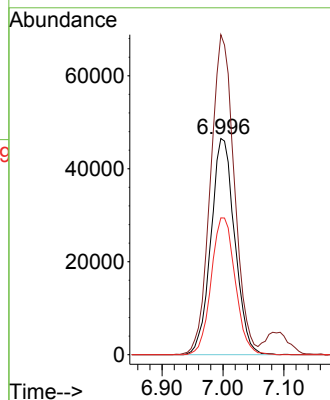
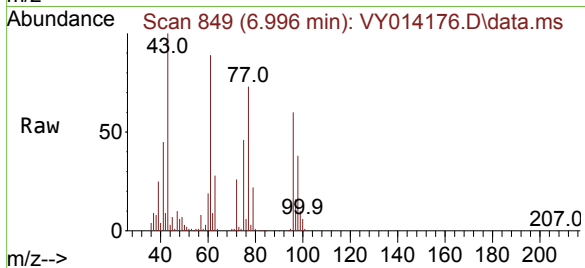
Tgt Ion: 96 Resp: 126300

Ion Ratio Lower Upper

96 100

61 148.2 0.0 301.4

98 63.8 0.0 130.4



#28

Bromochloromethane

Concen: 47.093 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.013 min

Lab File: VY014176.D

Acq: 15 Jun 2023 00:04

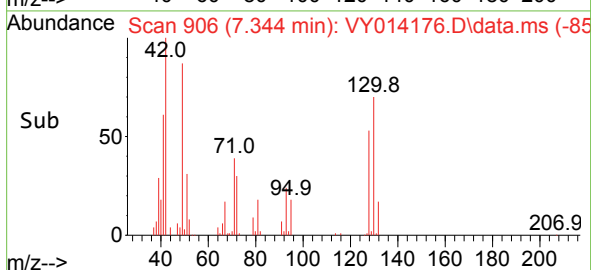
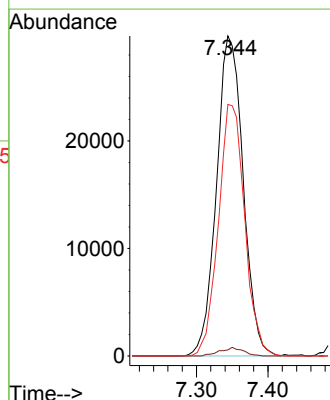
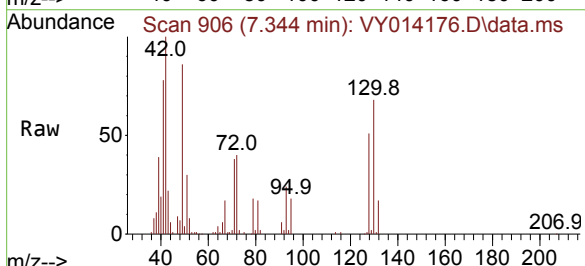
Tgt Ion: 49 Resp: 77034

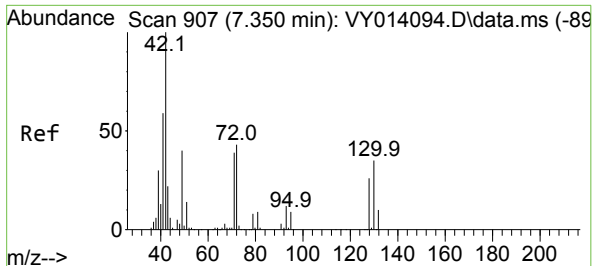
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 77.5 60.7 91.1





#29

Tetrahydrofuran

Concen: 248.187 ug/l

RT: 7.356 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY014176.D

Acq: 15 Jun 2023 00:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

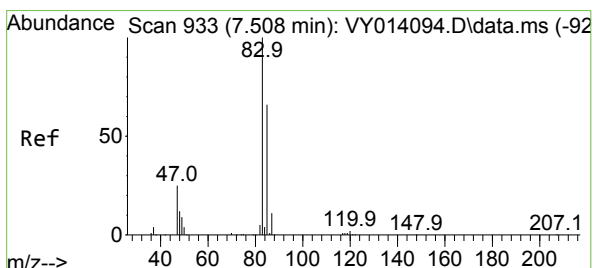
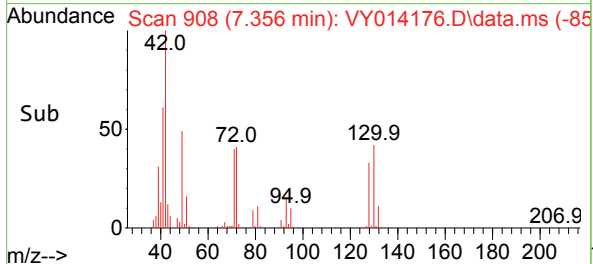
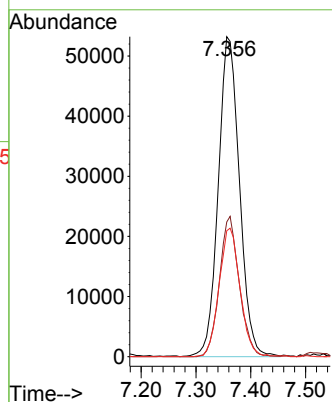
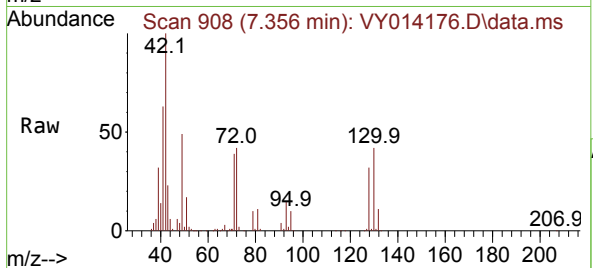
Tgt Ion: 42 Resp: 143162

Ion Ratio Lower Upper

42 100

72 41.1 32.8 49.2

71 39.6 31.0 46.4



#30

Chloroform

Concen: 51.443 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.007 min

Lab File: VY014176.D

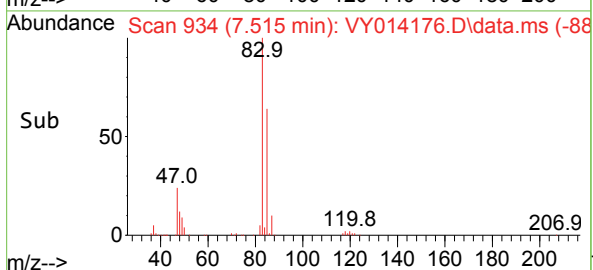
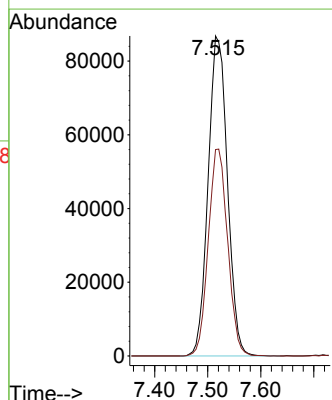
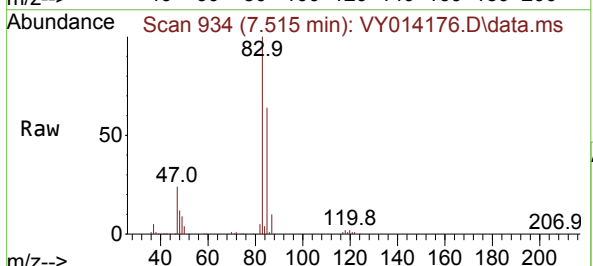
Acq: 15 Jun 2023 00:04

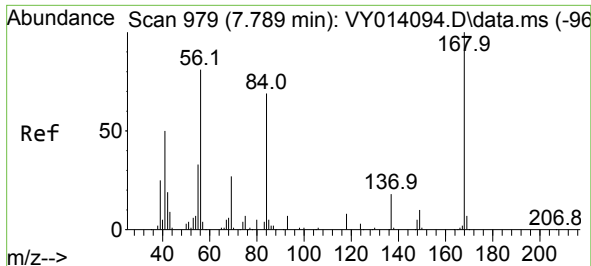
Tgt Ion: 83 Resp: 219529

Ion Ratio Lower Upper

83 100

85 64.5 49.7 74.5

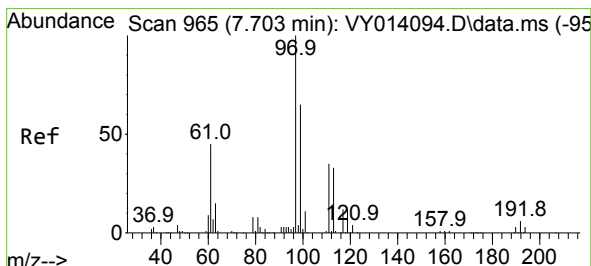
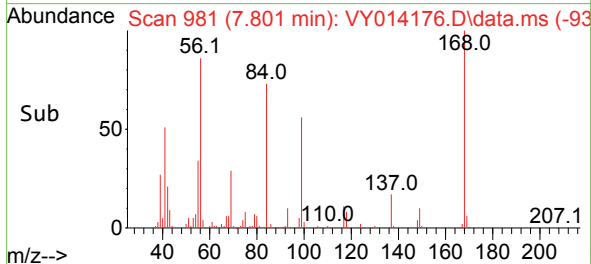
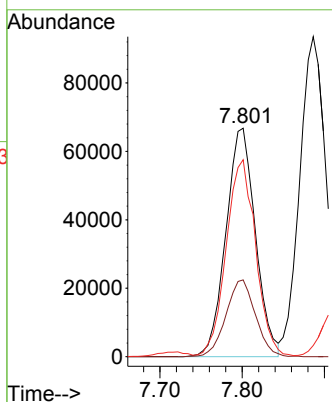
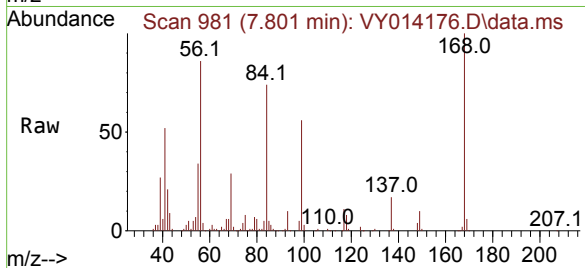




#31
Cyclohexane
Concen: 50.762 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014176.D
Acq: 15 Jun 2023 00:04

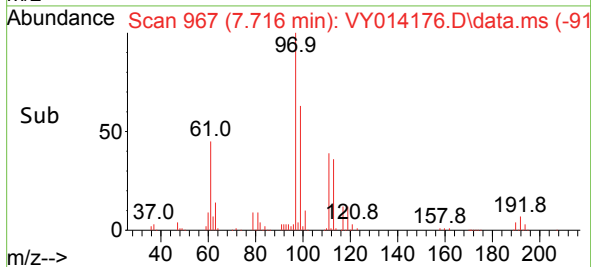
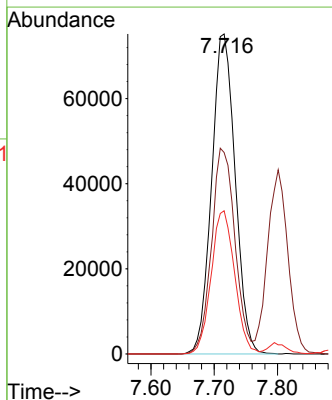
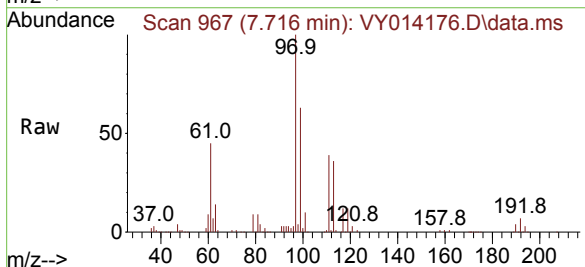
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

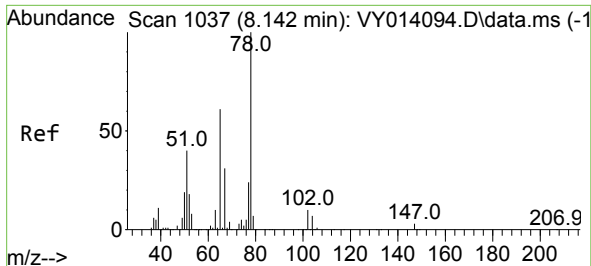
Tgt Ion: 56 Resp: 166712
Ion Ratio Lower Upper
56 100
69 33.6 27.8 41.6
84 84.1 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 50.442 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.013 min
Lab File: VY014176.D
Acq: 15 Jun 2023 00:04

Tgt Ion: 97 Resp: 194141
Ion Ratio Lower Upper
97 100
99 64.1 50.8 76.2
61 44.8 35.1 52.7

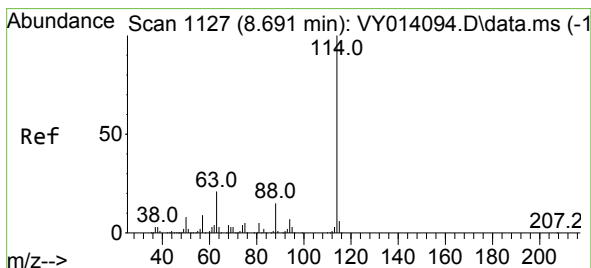
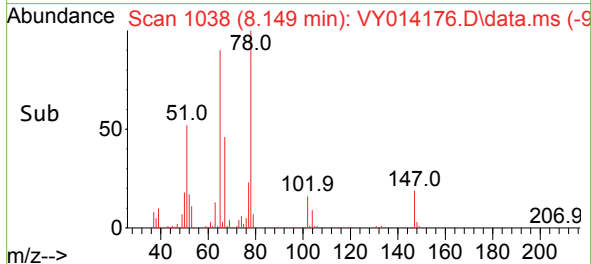
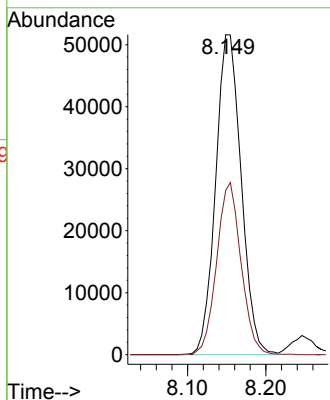
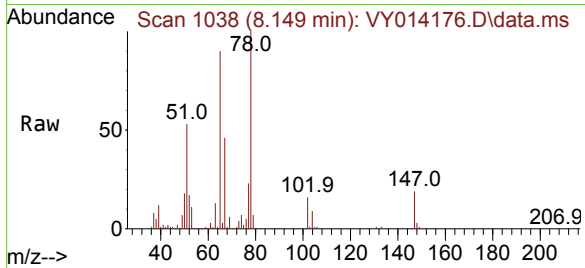




#33
1,2-Dichloroethane-d4
Concen: 47.739 ug/l
RT: 8.149 min Scan# 1103
Delta R.T. 0.007 min
Lab File: VY014176.D
Acq: 15 Jun 2023 00:04

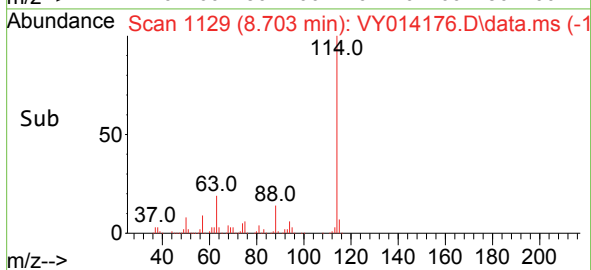
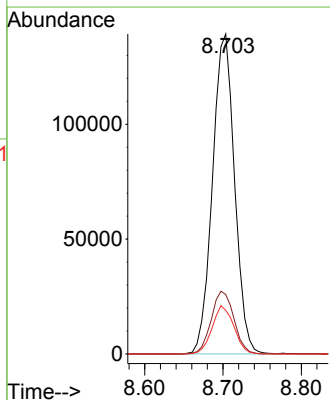
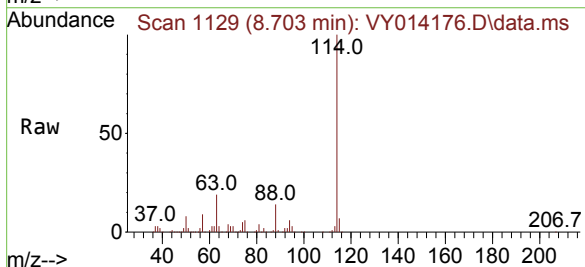
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

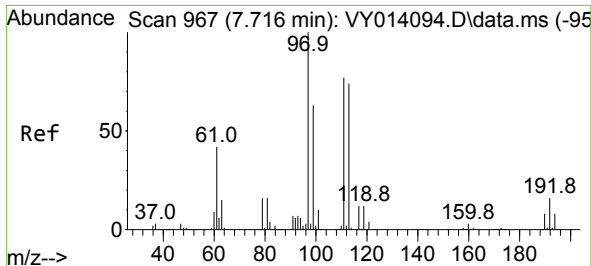
Tgt Ion: 65 Resp: 117038
Ion Ratio Lower Upper
65 100
67 51.4 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. 0.012 min
Lab File: VY014176.D
Acq: 15 Jun 2023 00:04

Tgt Ion: 114 Resp: 272948
Ion Ratio Lower Upper
114 100
63 18.6 0.0 42.4
88 13.7 0.0 30.6

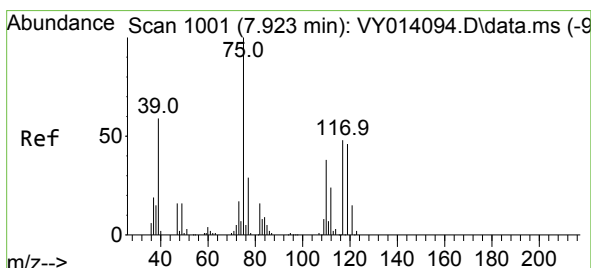
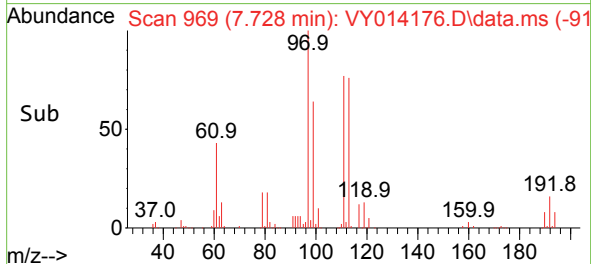
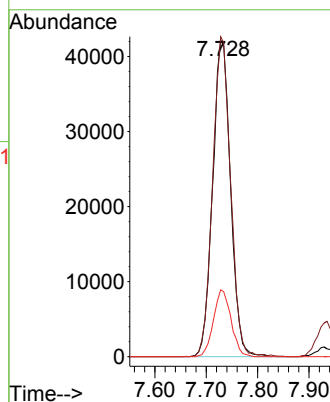
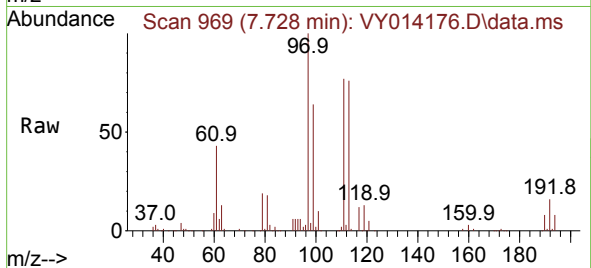




#35
Dibromofluoromethane
Concen: 52.570 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014176.D
Acq: 15 Jun 2023 00:04

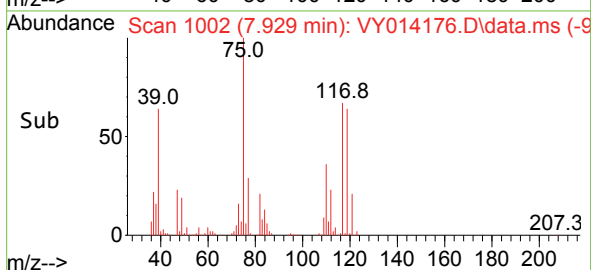
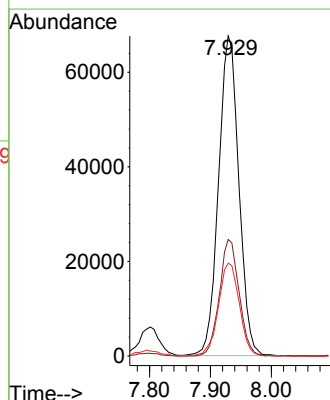
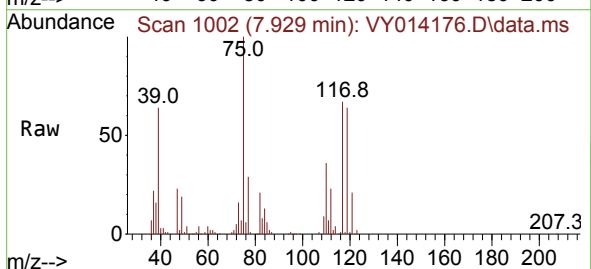
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

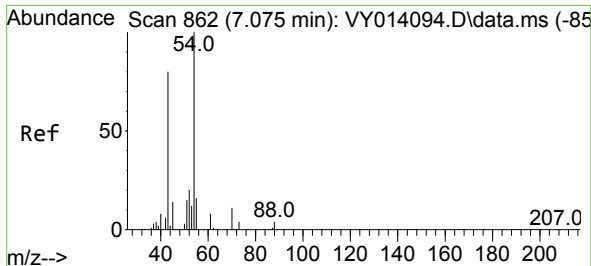
Tgt Ion:113 Resp: 101760
Ion Ratio Lower Upper
113 100
111 101.7 81.3 121.9
192 20.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 51.926 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY014176.D
Acq: 15 Jun 2023 00:04

Tgt Ion: 75 Resp: 156701
Ion Ratio Lower Upper
75 100
110 35.3 17.8 53.5
77 29.9 24.4 36.6





#37

Ethyl Acetate

Concen: 45.891 ug/l

RT: 7.088 min Scan# 862

Delta R.T. 0.013 min

Lab File: VY014176.D

Acq: 15 Jun 2023 00:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

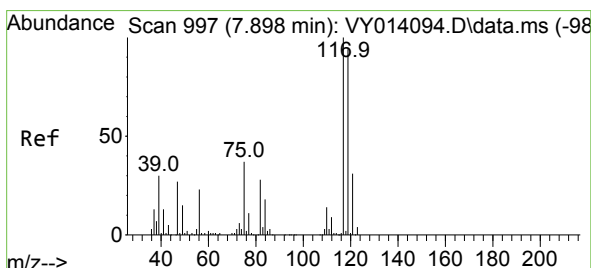
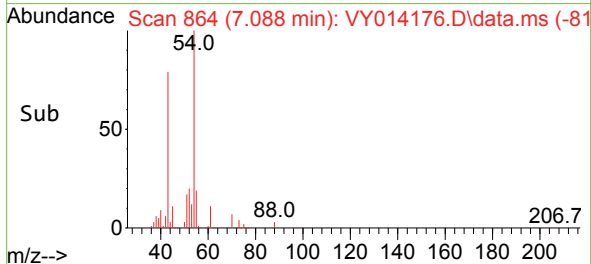
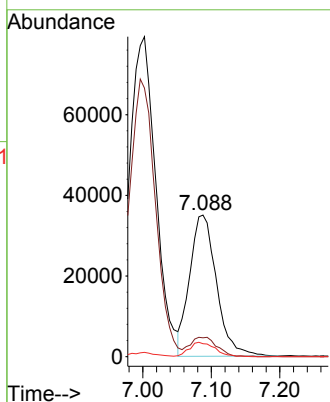
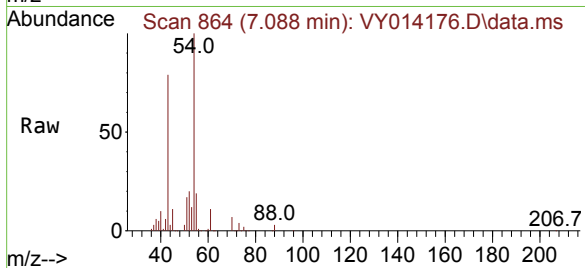
Tgt Ion: 43 Resp: 95555

Ion Ratio Lower Upper

43 100

61 13.9 10.1 15.1

70 9.8 7.1 10.7



#38

Carbon Tetrachloride

Concen: 51.989 ug/l

RT: 7.911 min Scan# 999

Delta R.T. 0.013 min

Lab File: VY014176.D

Acq: 15 Jun 2023 00:04

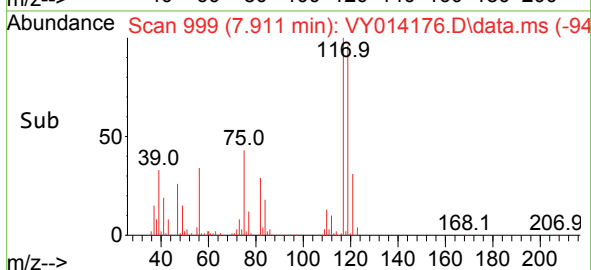
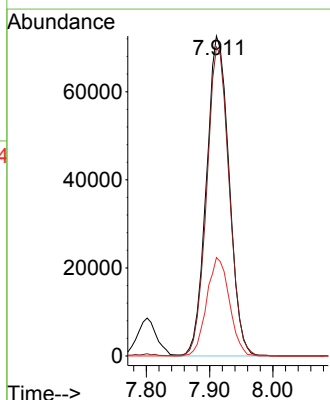
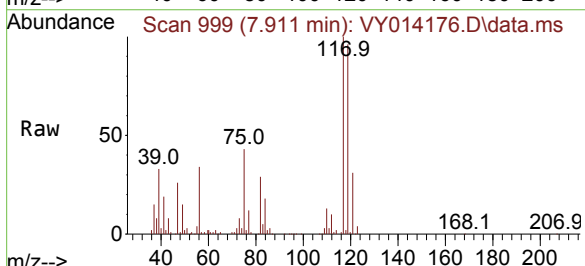
Tgt Ion: 117 Resp: 181050

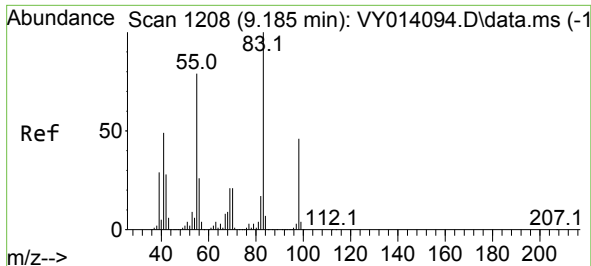
Ion Ratio Lower Upper

117 100

119 96.5 76.4 114.6

121 30.7 25.8 38.6





#39

Methylcyclohexane

Concen: 53.091 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014176.D

Acq: 15 Jun 2023 00:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

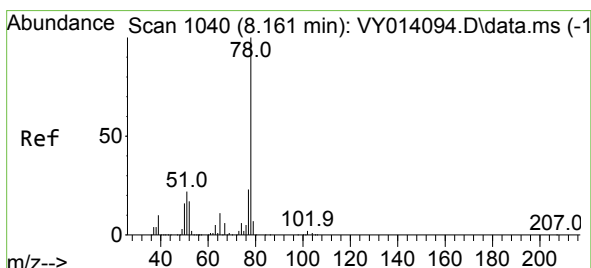
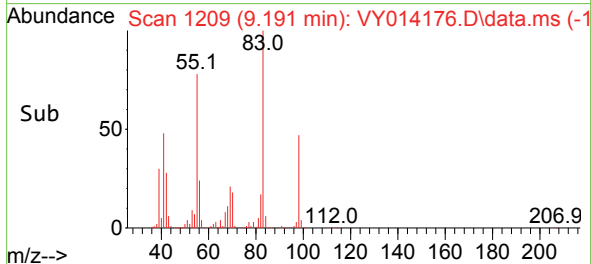
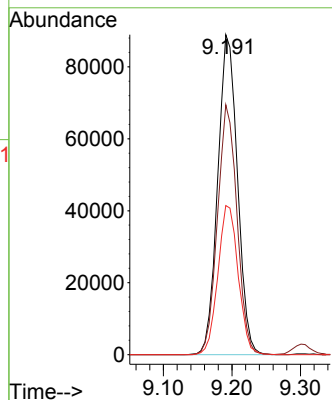
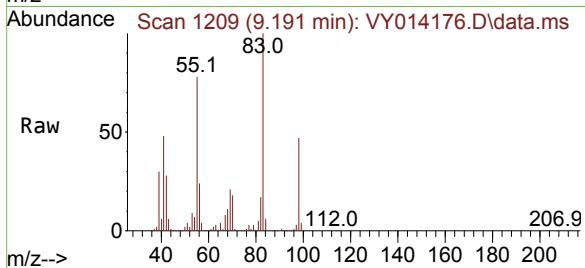
Tgt Ion: 83 Resp: 177760

Ion Ratio Lower Upper

83 100

55 78.1 63.0 94.4

98 46.6 37.4 56.2



#40

Benzene

Concen: 51.175 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.012 min

Lab File: VY014176.D

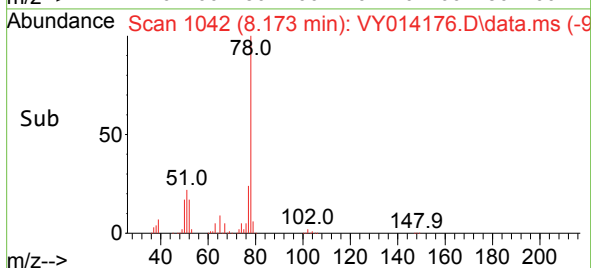
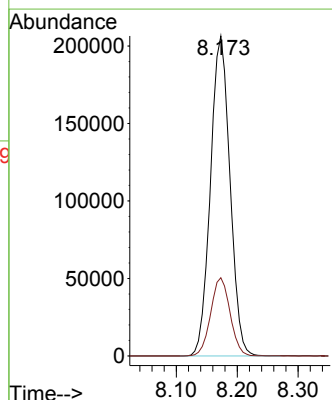
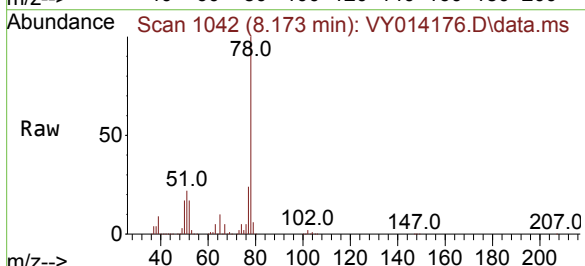
Acq: 15 Jun 2023 00:04

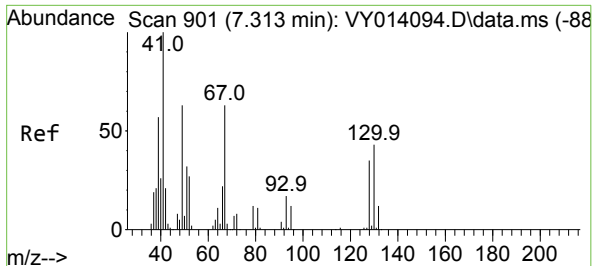
Tgt Ion: 78 Resp: 459226

Ion Ratio Lower Upper

78 100

77 24.5 19.0 28.6

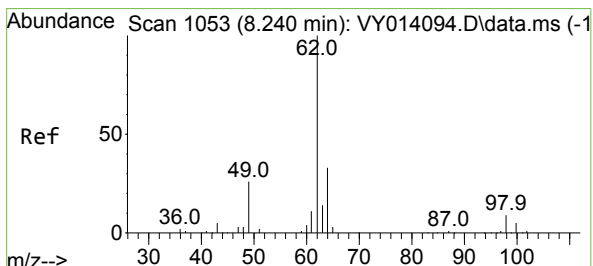
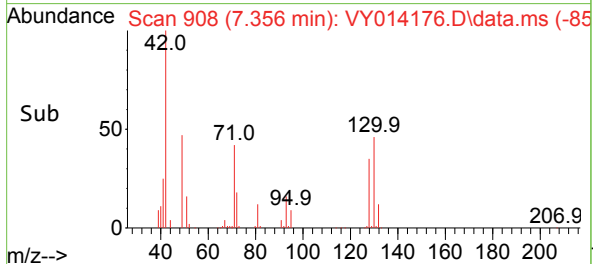
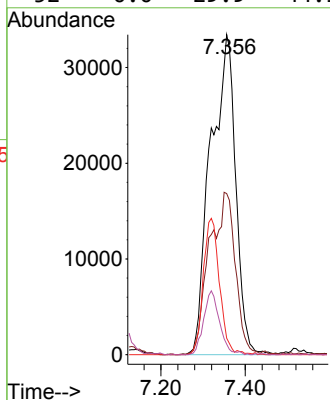
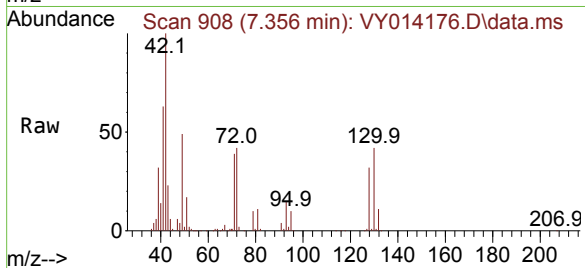




#41
Methacrylonitrile
Concen: 129.278 ug/l
RT: 7.356 min Scan# 901
Delta R.T. 0.043 min
Lab File: VY014176.D
Acq: 15 Jun 2023 00:04

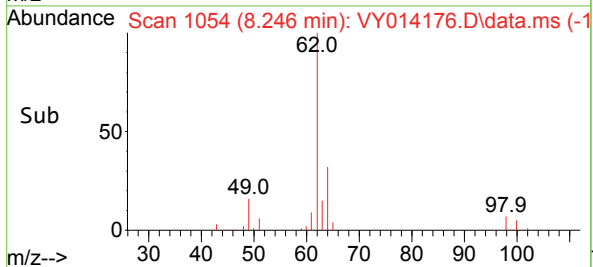
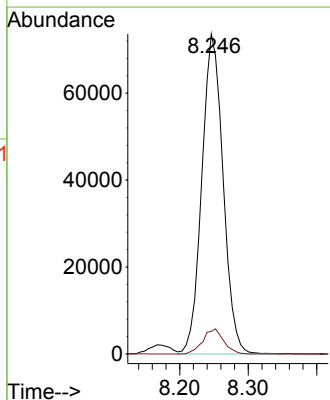
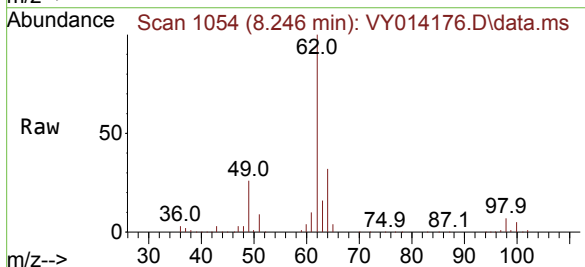
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

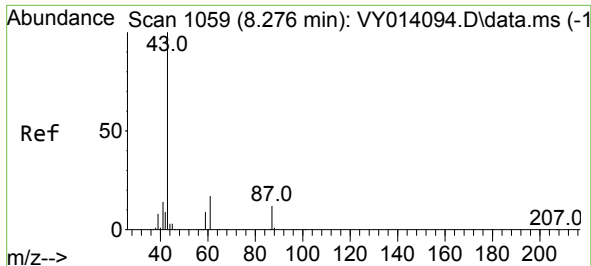
Tgt Ion: 41 Resp: 137378
Ion Ratio Lower Upper
41 100
39 28.1 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 50.098 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VY014176.D
Acq: 15 Jun 2023 00:04

Tgt Ion: 62 Resp: 158975
Ion Ratio Lower Upper
62 100
98 7.7 0.0 15.8

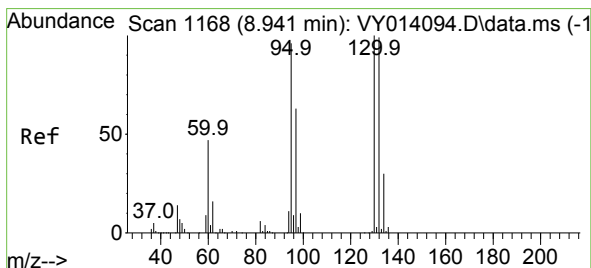
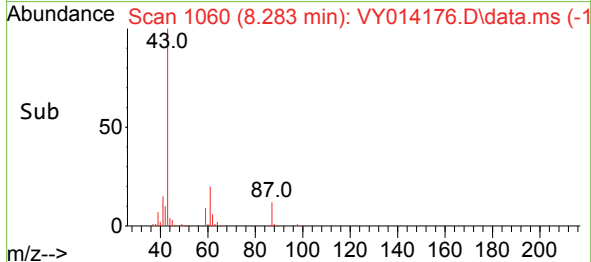
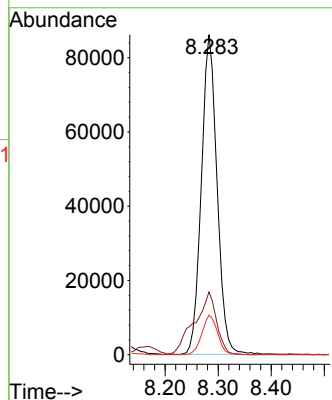
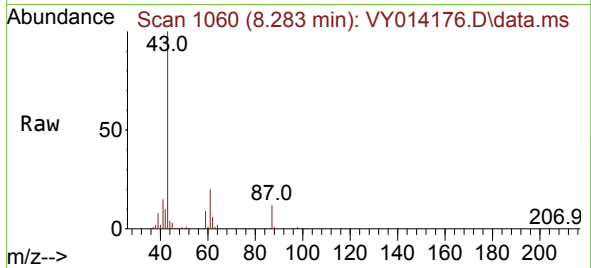




#43
Isopropyl Acetate
Concen: 48.430 ug/l
RT: 8.283 min Scan# 1170
Delta R.T. 0.007 min
Lab File: VY014176.D
Acq: 15 Jun 2023 00:04

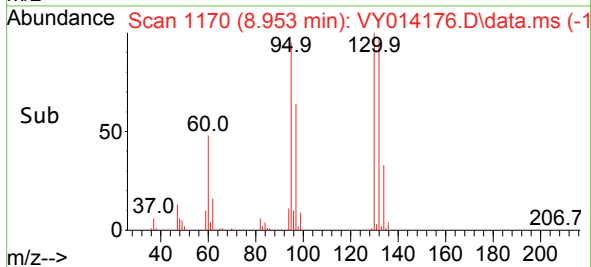
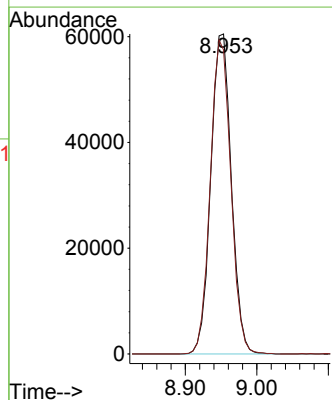
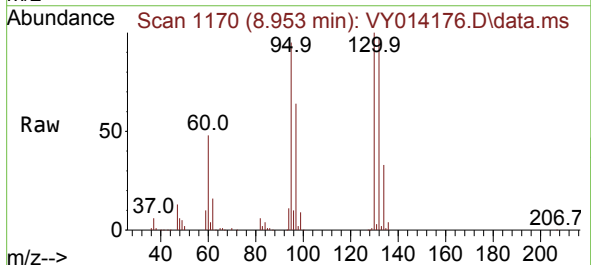
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

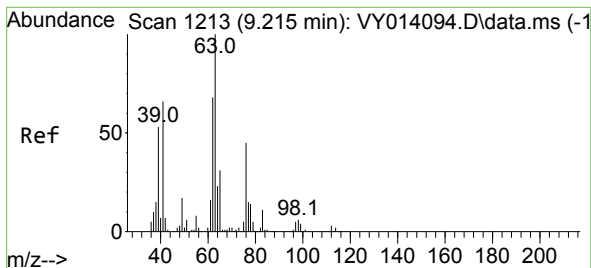
Tgt Ion: 43 Resp: 176743
Ion Ratio Lower Upper
43 100
61 27.7 21.1 31.7
87 12.4 9.8 14.8



#44
Trichloroethene
Concen: 50.360 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.012 min
Lab File: VY014176.D
Acq: 15 Jun 2023 00:04

Tgt Ion:130 Resp: 120739
Ion Ratio Lower Upper
130 100
95 95.0 0.0 196.0





#45

1,2-Dichloropropane

Concen: 49.800 ug/l

RT: 9.222 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY014176.D

Acq: 15 Jun 2023 00:04

Instrument :

MSVOA_Y

ClientSampleId :

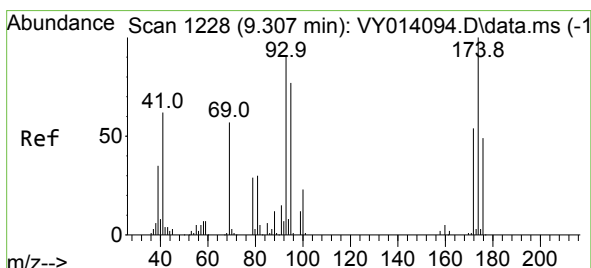
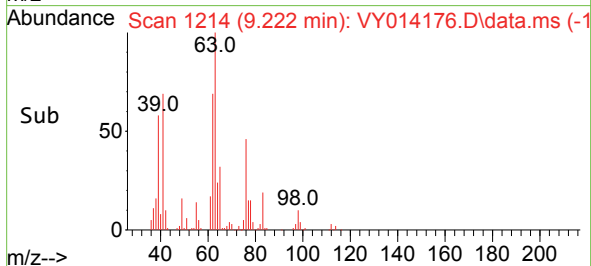
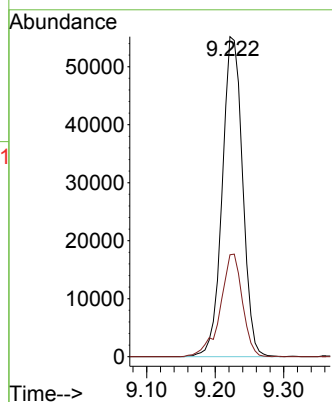
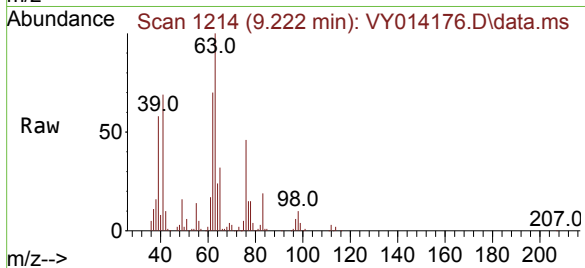
VSTDCCC050EC

Tgt Ion: 63 Resp: 113509

Ion Ratio Lower Upper

63 100

65 31.8 23.8 35.6



#46

Dibromomethane

Concen: 49.772 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY014176.D

Acq: 15 Jun 2023 00:04

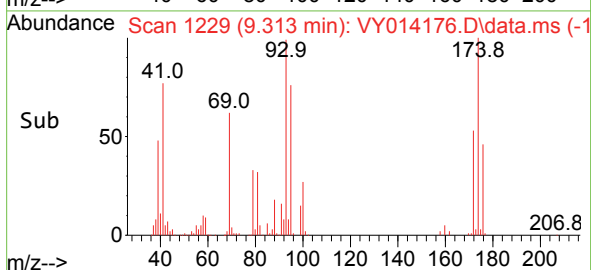
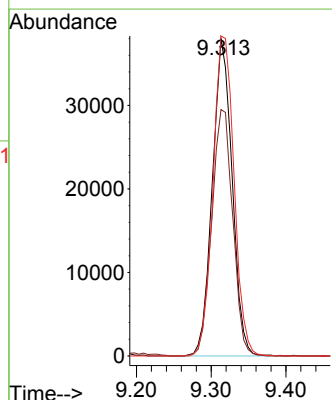
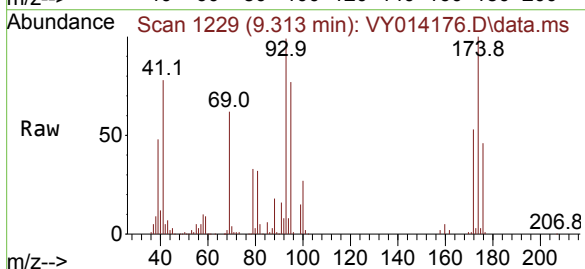
Tgt Ion: 93 Resp: 69832

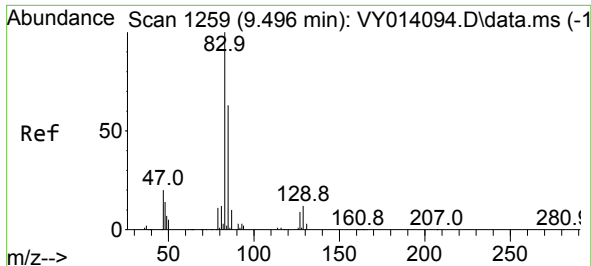
Ion Ratio Lower Upper

93 100

95 82.6 66.6 100.0

174 107.0 84.8 127.2

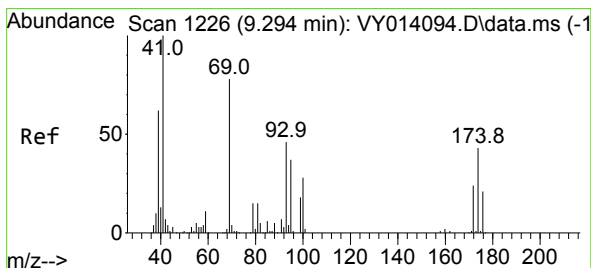
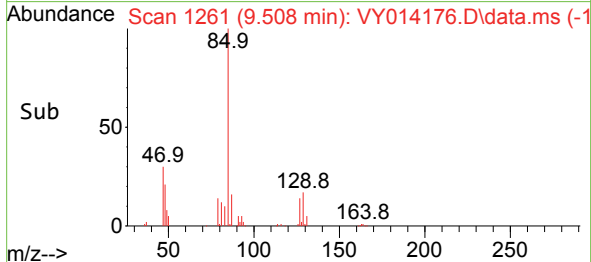
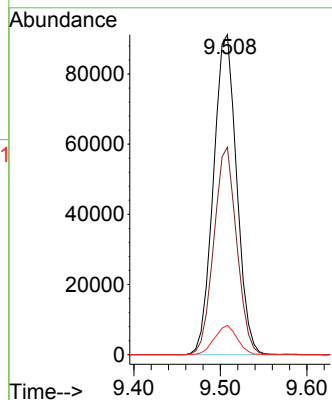
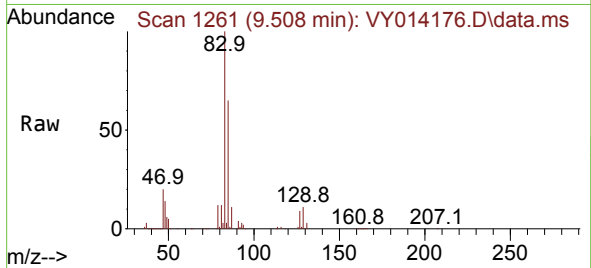




#47
Bromodichloromethane
Concen: 51.823 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.012 min
Lab File: VY014176.D
Acq: 15 Jun 2023 00:04

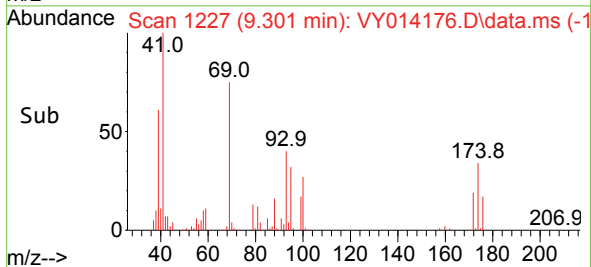
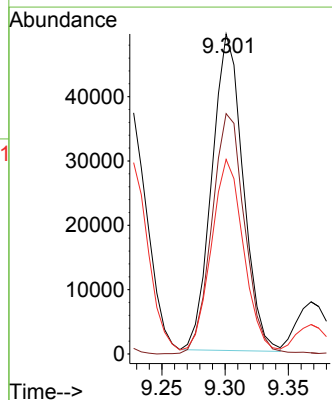
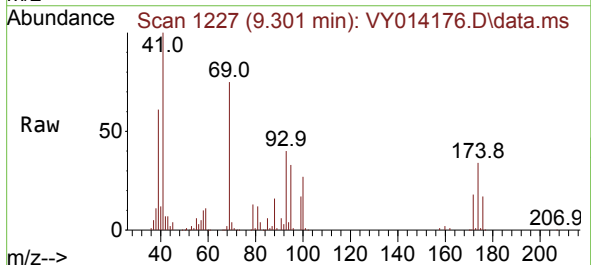
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

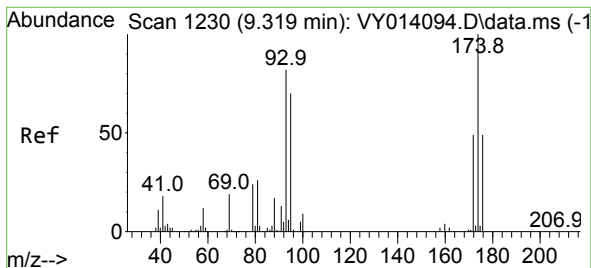
Tgt Ion: 83 Resp: 170246
Ion Ratio Lower Upper
83 100
85 64.8 50.1 75.1
127 9.2 7.1 10.7



#48
Methyl methacrylate
Concen: 49.653 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.007 min
Lab File: VY014176.D
Acq: 15 Jun 2023 00:04

Tgt Ion: 41 Resp: 84518
Ion Ratio Lower Upper
41 100
69 80.1 64.5 96.7
39 61.7 50.8 76.2





#49

1,4-Dioxane

Concen: 1075.686 ug/l

RT: 9.307 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY014176.D

Acq: 15 Jun 2023 00:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

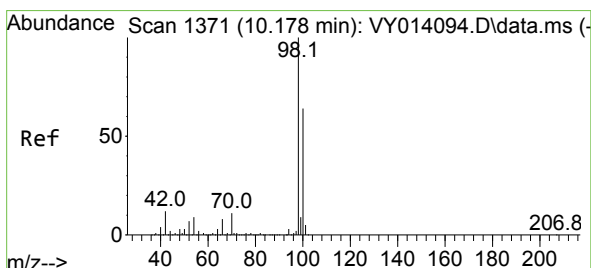
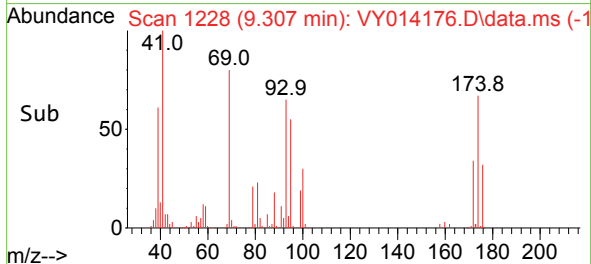
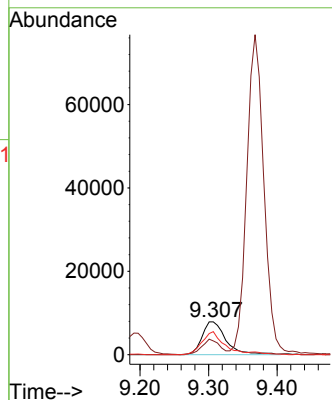
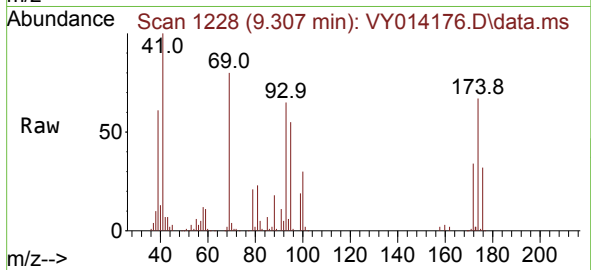
Tgt Ion: 88 Resp: 19177

Ion Ratio Lower Upper

88 100

43 34.9 0.0 0.0#

58 63.4 30.9 46.3#



#50

Toluene-d8

Concen: 47.832 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.013 min

Lab File: VY014176.D

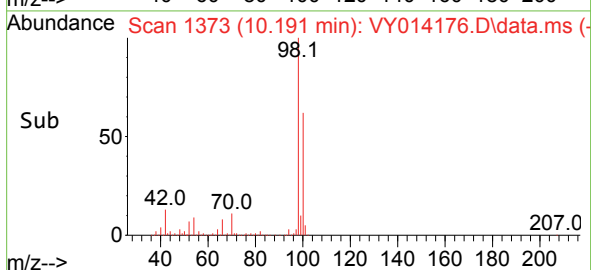
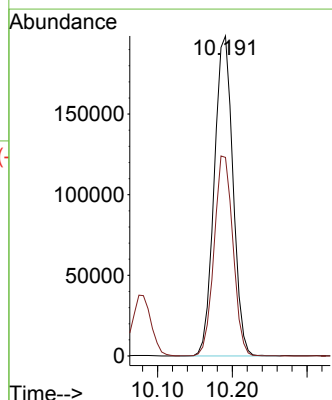
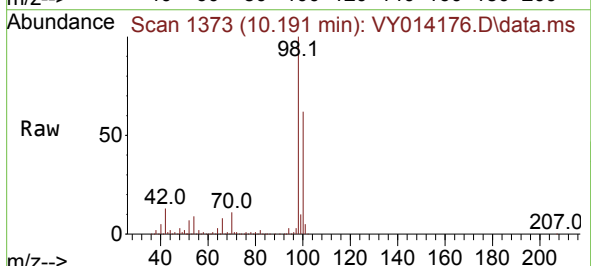
Acq: 15 Jun 2023 00:04

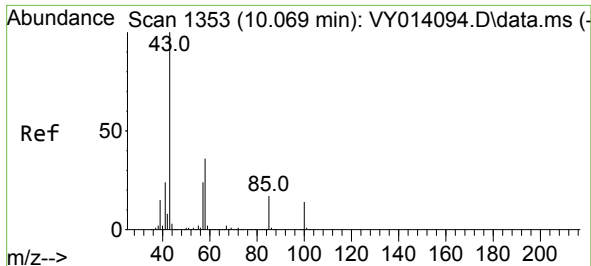
Tgt Ion: 98 Resp: 346147

Ion Ratio Lower Upper

98 100

100 63.0 50.1 75.1

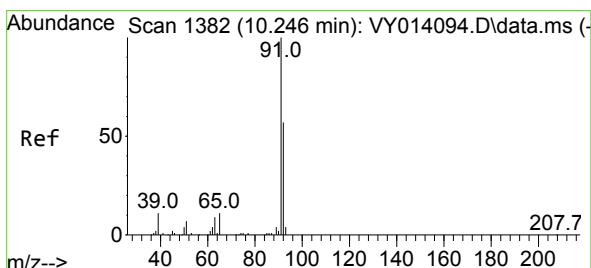
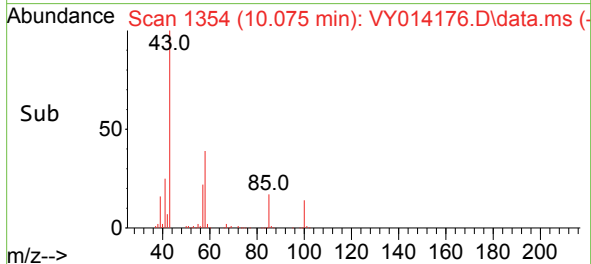
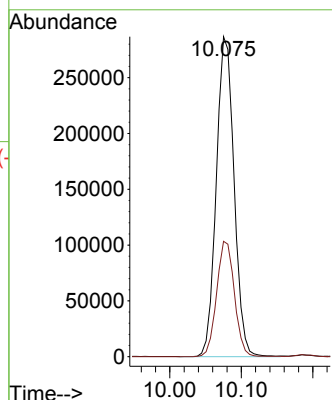
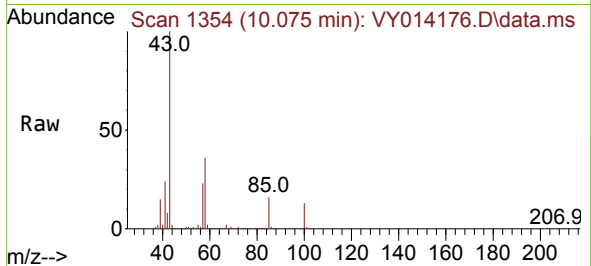




#51
4-Methyl-2-Pentanone
Concen: 249.756 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY014176.D
Acq: 15 Jun 2023 00:04

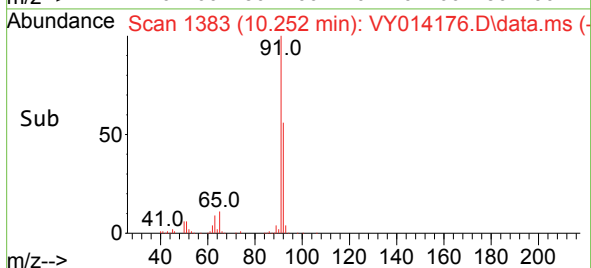
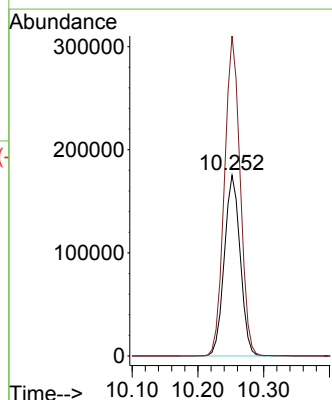
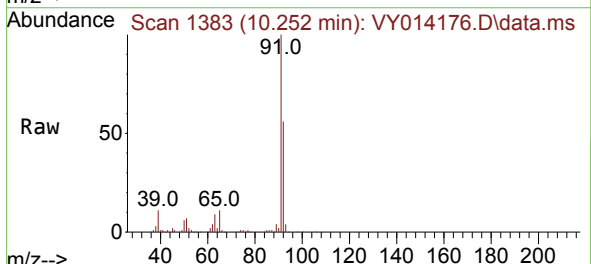
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

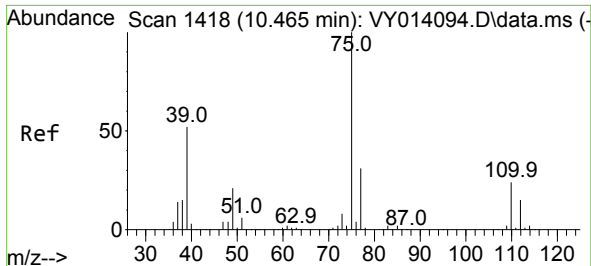
Tgt Ion: 43 Resp: 495191
Ion Ratio Lower Upper
43 100
58 36.1 29.0 43.6



#52
Toluene
Concen: 52.851 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY014176.D
Acq: 15 Jun 2023 00:04

Tgt Ion: 92 Resp: 293996
Ion Ratio Lower Upper
92 100
91 175.7 143.8 215.6

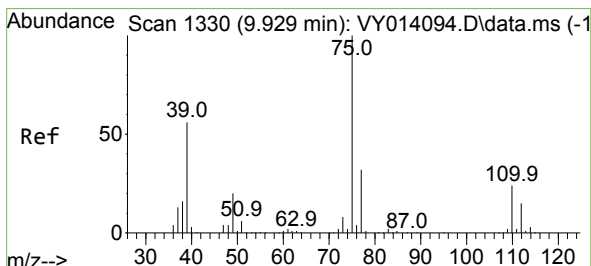
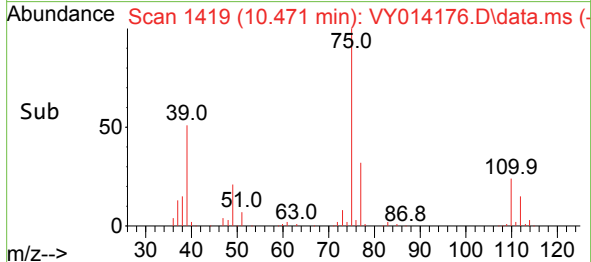
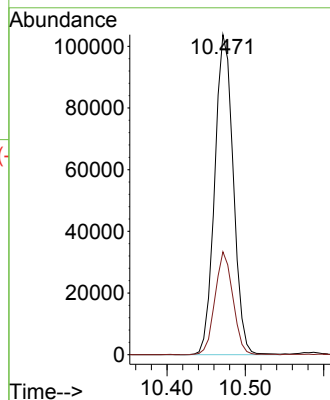
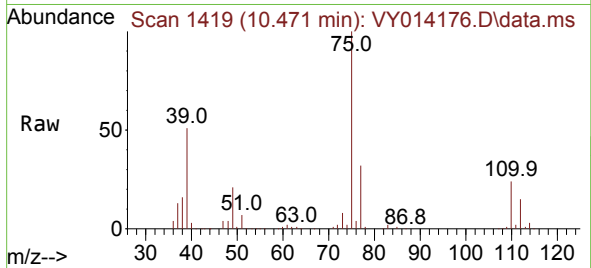




#53
 t-1,3-Dichloropropene
 Concen: 49.468 ug/l
 RT: 10.471 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VY014176.D
 Acq: 15 Jun 2023 00:04

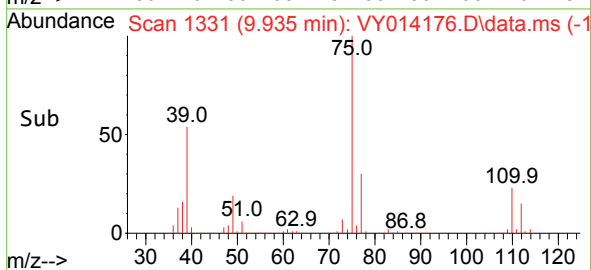
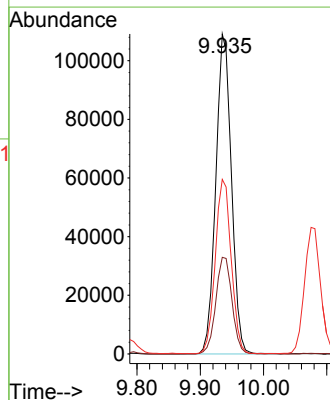
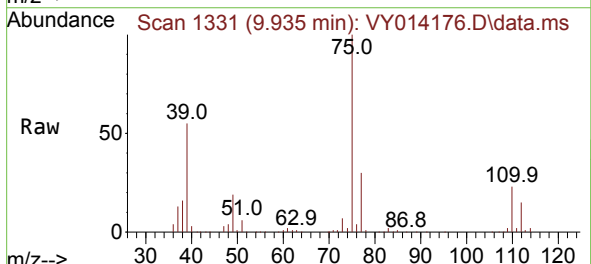
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

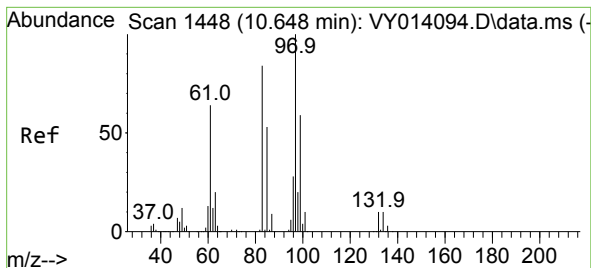
Tgt Ion: 75 Resp: 171075
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 49.409 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.006 min
 Lab File: VY014176.D
 Acq: 15 Jun 2023 00:04

Tgt Ion: 75 Resp: 186429
 Ion Ratio Lower Upper
 75 100
 77 30.2 24.2 36.4
 39 54.4 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 50.273 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. 0.006 min

Lab File: VY014176.D

Acq: 15 Jun 2023 00:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 93555

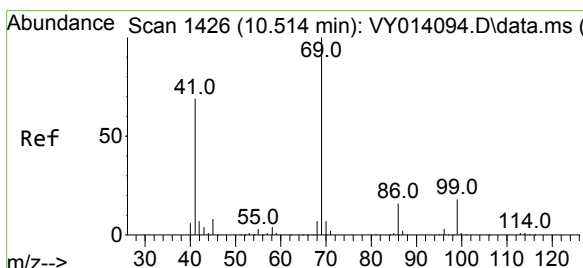
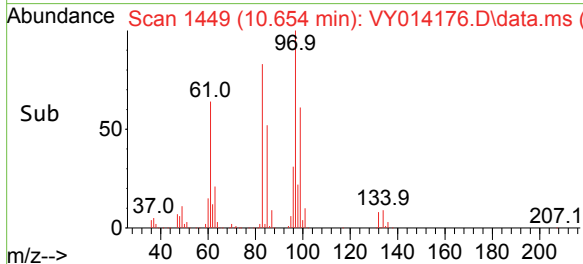
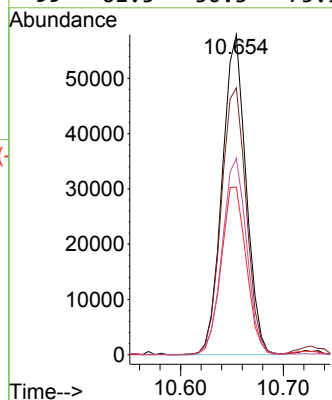
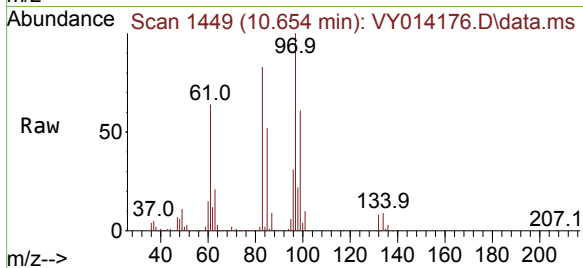
Ion Ratio Lower Upper

97 100

83 83.6 72.0 108.0

85 52.4 45.4 68.0

99 61.5 50.3 75.5



#56

Ethyl methacrylate

Concen: 50.540 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.006 min

Lab File: VY014176.D

Acq: 15 Jun 2023 00:04

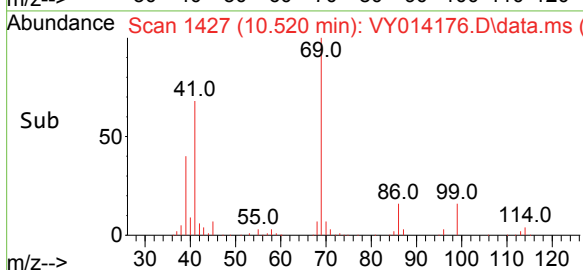
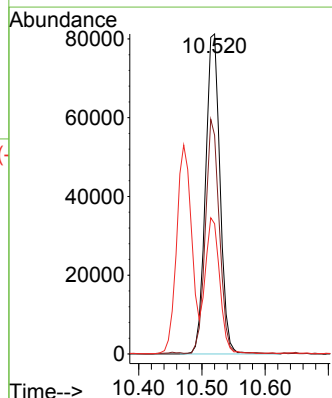
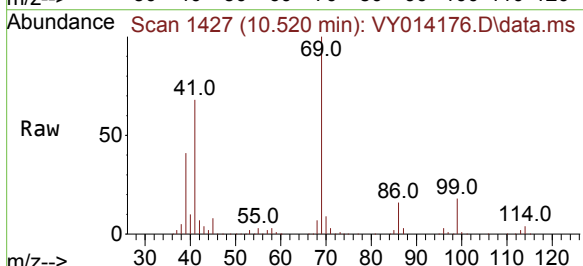
Tgt Ion: 69 Resp: 129726

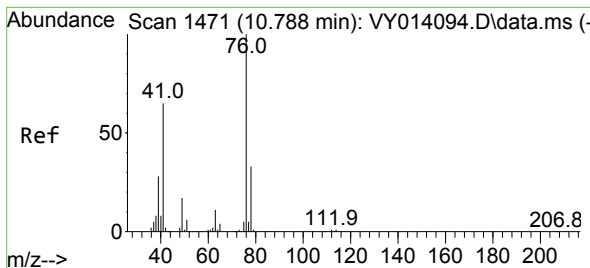
Ion Ratio Lower Upper

69 100

41 70.5 57.6 86.4

39 41.9 34.1 51.1





#57

1,3-Dichloropropane

Concen: 49.863 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY014176.D

Acq: 15 Jun 2023 00:04

Instrument :

MSVOA_Y

ClientSampleId :

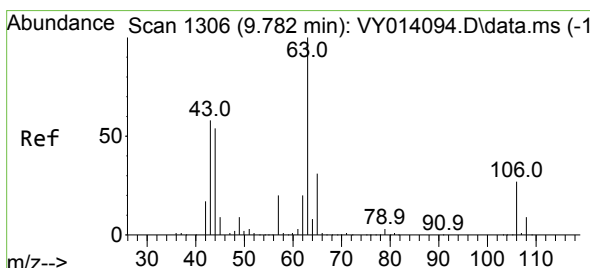
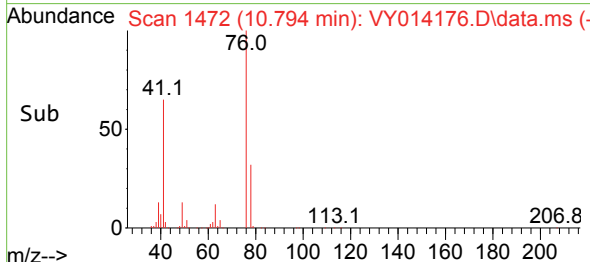
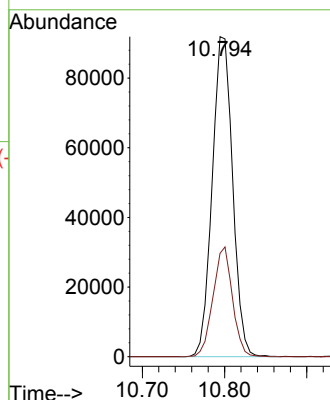
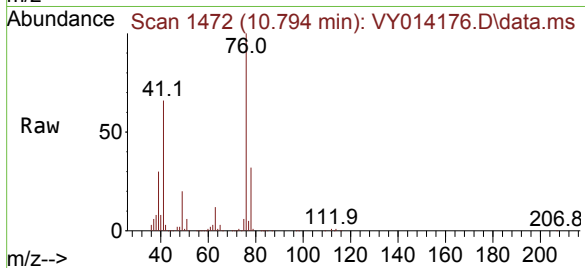
VSTDCCC050EC

Tgt Ion: 76 Resp: 158704

Ion Ratio Lower Upper

76 100

78 32.6 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 265.618 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.007 min

Lab File: VY014176.D

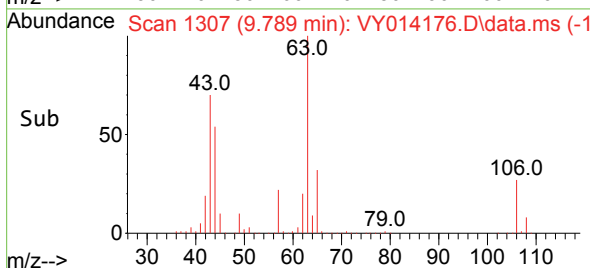
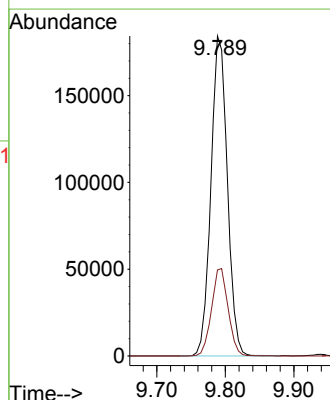
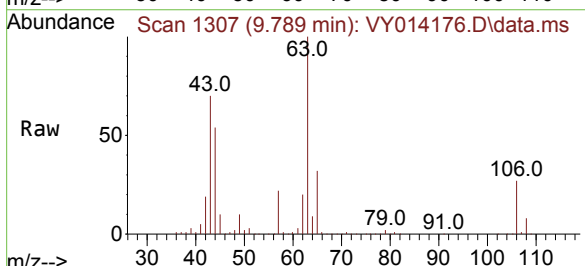
Acq: 15 Jun 2023 00:04

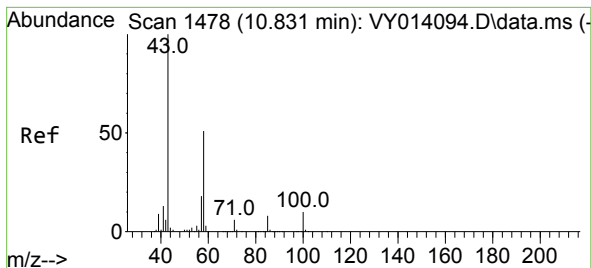
Tgt Ion: 63 Resp: 306972

Ion Ratio Lower Upper

63 100

106 27.5 21.2 31.8

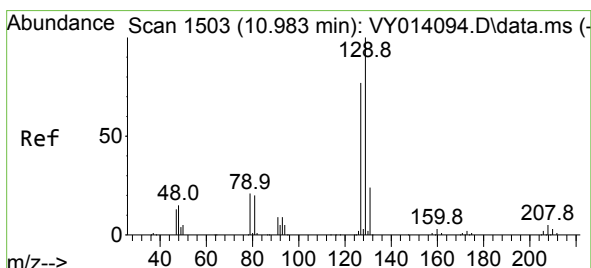
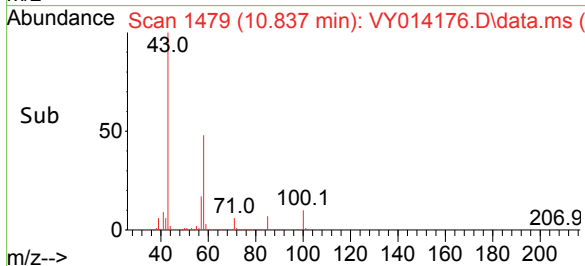
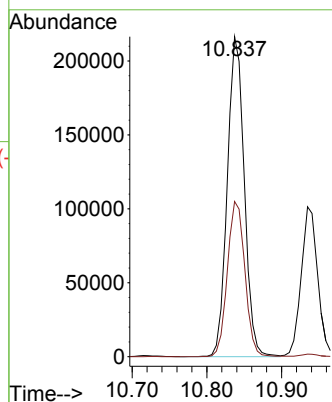
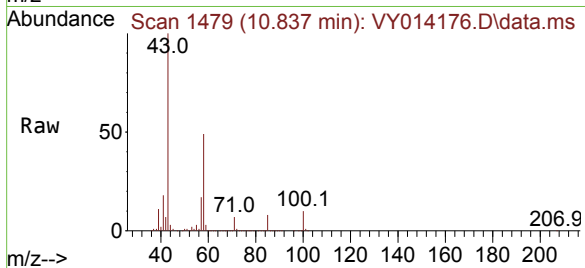




#59
2-Hexanone
Concen: 238.576 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY014176.D
Acq: 15 Jun 2023 00:04

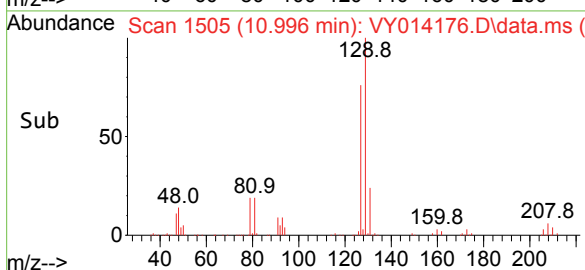
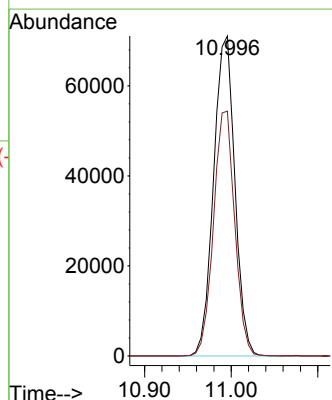
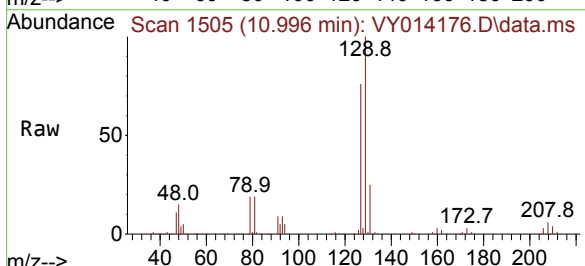
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

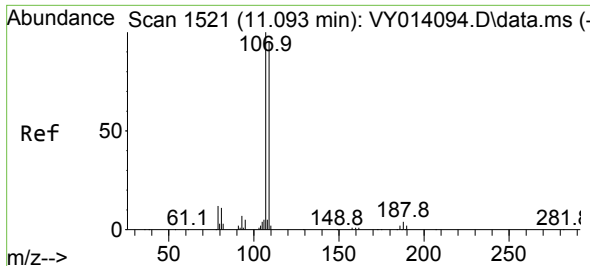
Tgt Ion: 43 Resp: 341646
Ion Ratio Lower Upper
43 100
58 50.1 25.1 75.3



#60
Dibromochloromethane
Concen: 50.872 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.013 min
Lab File: VY014176.D
Acq: 15 Jun 2023 00:04

Tgt Ion: 129 Resp: 121168
Ion Ratio Lower Upper
129 100
127 76.4 38.5 115.5

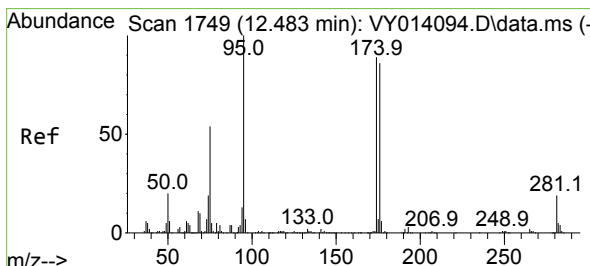
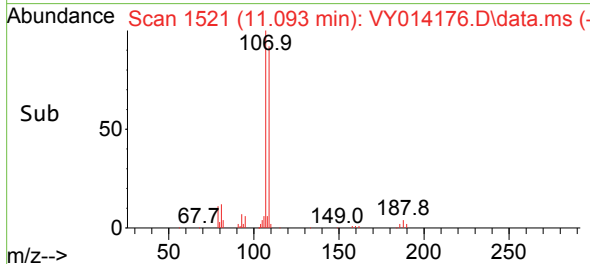
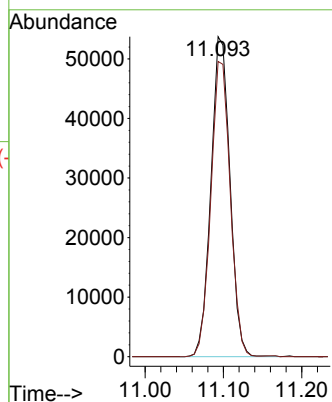
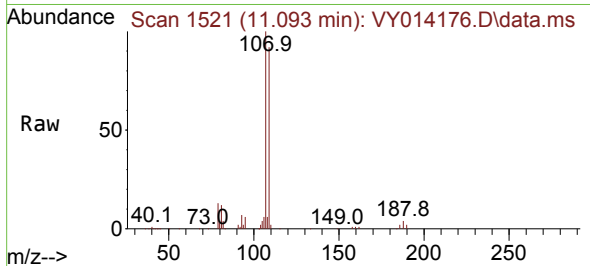




#61
1,2-Dibromoethane
Concen: 49.376 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014176.D
Acq: 15 Jun 2023 00:04

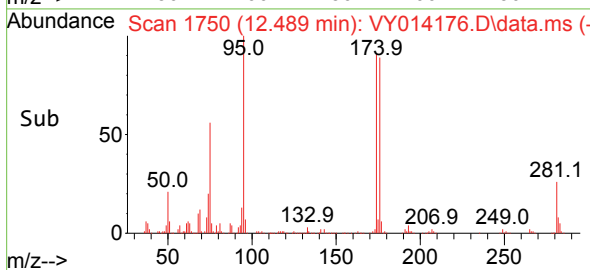
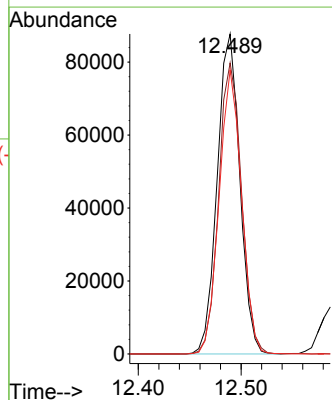
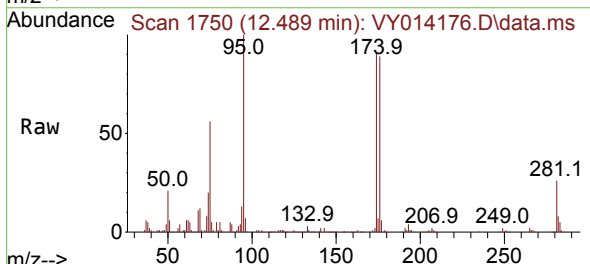
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

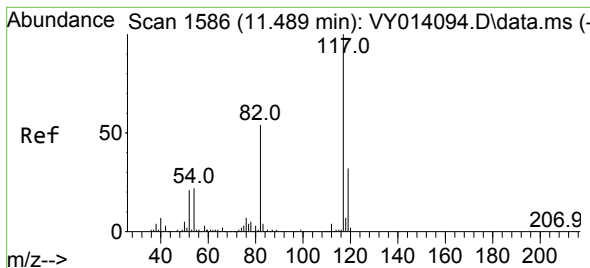
Tgt Ion:107 Resp: 90684
Ion Ratio Lower Upper
107 100
109 94.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.087 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY014176.D
Acq: 15 Jun 2023 00:04

Tgt Ion: 95 Resp: 133901
Ion Ratio Lower Upper
95 100
174 92.1 0.0 178.2
176 87.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY014176.D

Acq: 15 Jun 2023 00:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

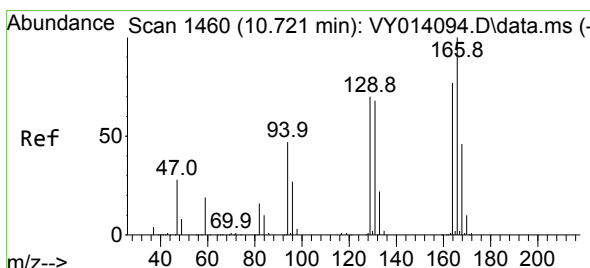
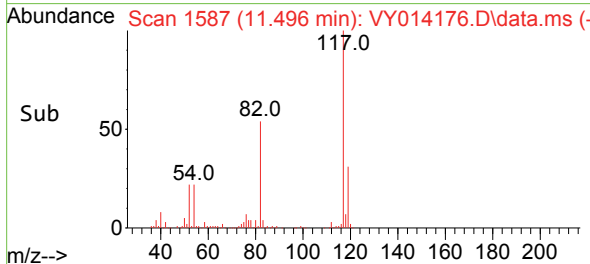
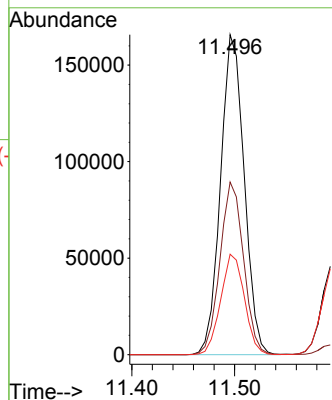
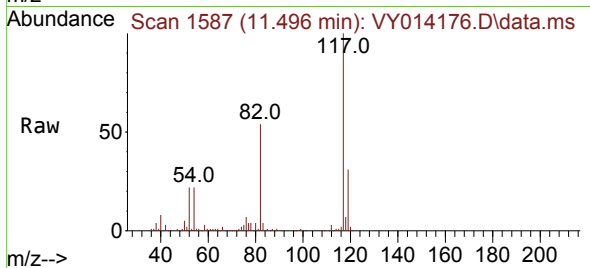
Tgt Ion:117 Resp: 264862

Ion Ratio Lower Upper

117 100

82 54.0 43.4 65.0

119 31.4 26.3 39.5



#64

Tetrachloroethene

Concen: 51.345 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. 0.006 min

Lab File: VY014176.D

Acq: 15 Jun 2023 00:04

Tgt Ion:164 Resp: 115916

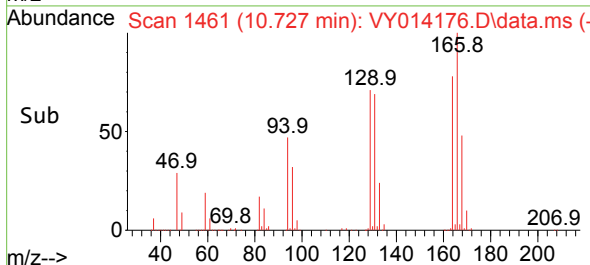
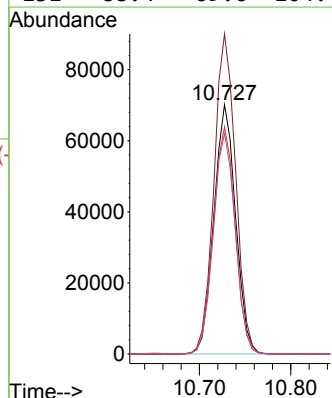
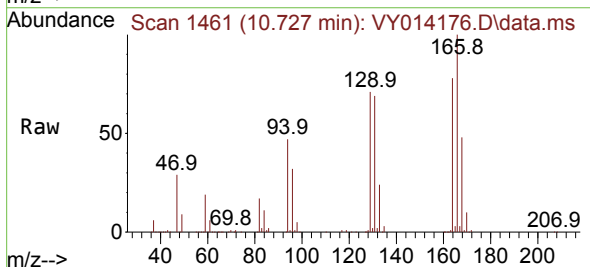
Ion Ratio Lower Upper

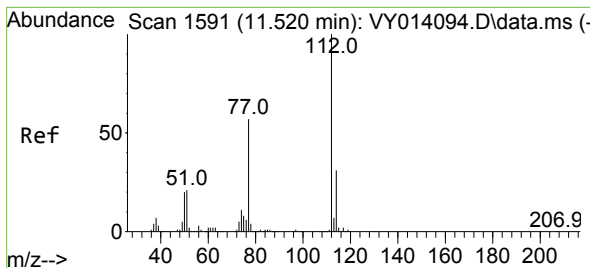
164 100

166 128.4 103.0 154.6

129 91.0 77.2 115.8

131 88.4 69.6 104.4

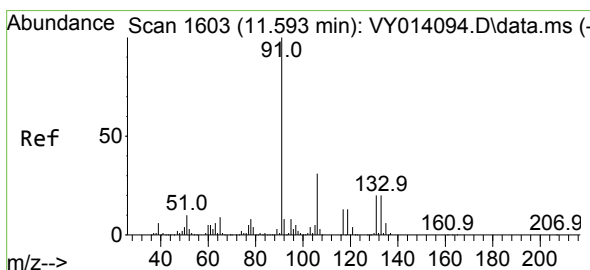
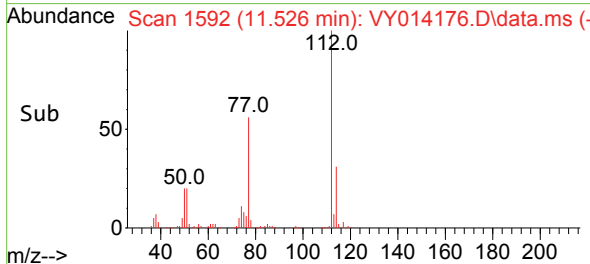
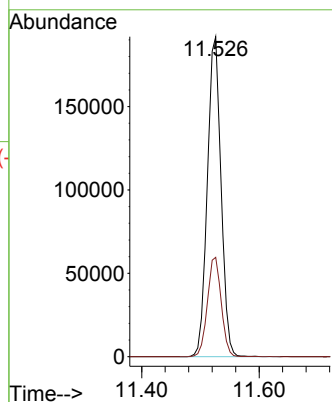
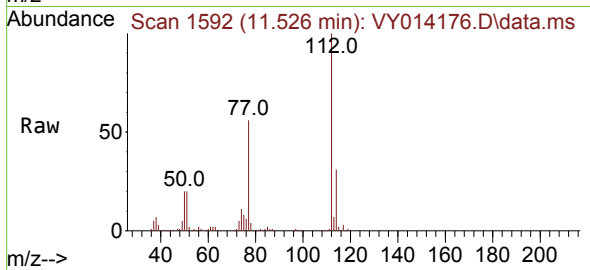




#65
Chlorobenzene
Concen: 48.709 ug/l
RT: 11.526 min Scan# 11592
Delta R.T. 0.006 min
Lab File: VY014176.D
Acq: 15 Jun 2023 00:04

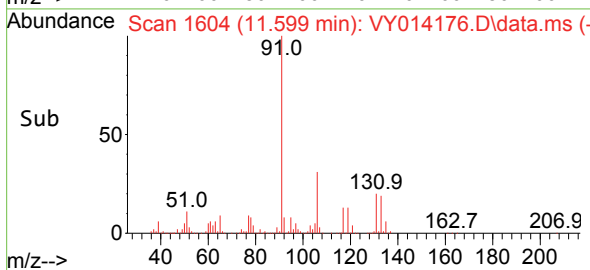
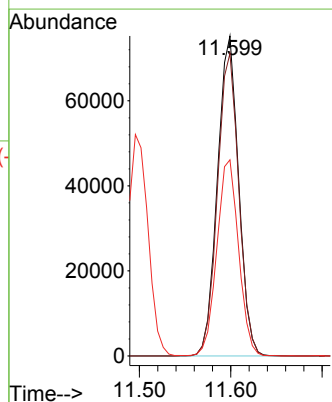
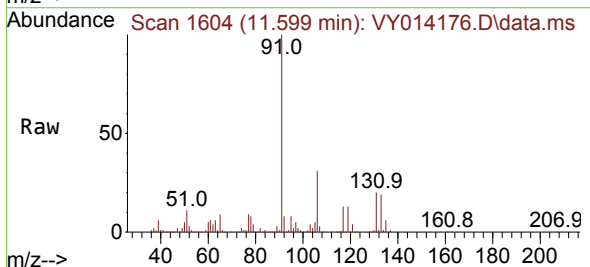
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

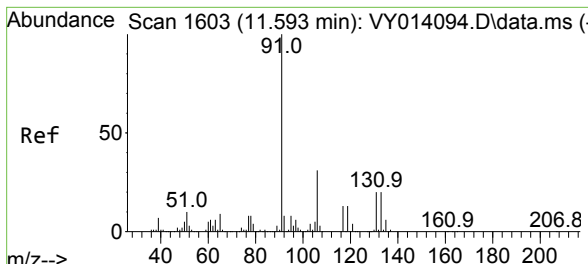
Tgt Ion:112 Resp: 309995
Ion Ratio Lower Upper
112 100
114 31.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 48.457 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY014176.D
Acq: 15 Jun 2023 00:04

Tgt Ion:131 Resp: 121297
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.6
119 63.0 31.6 94.7

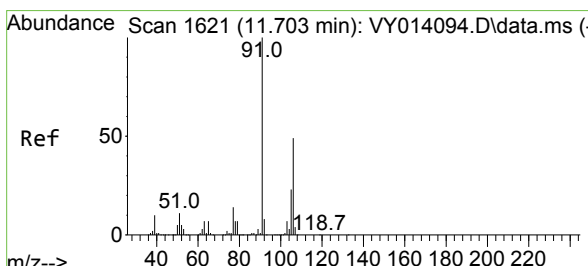
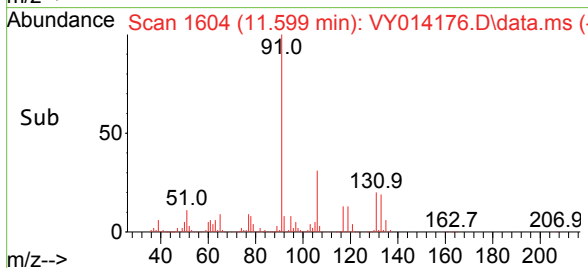
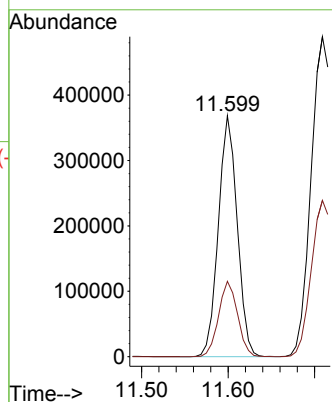
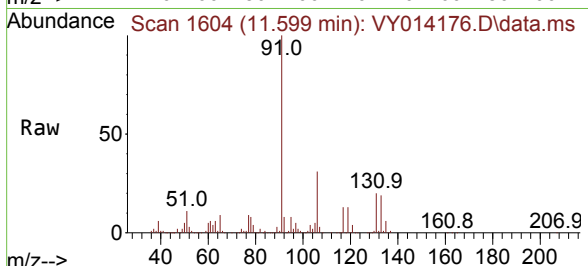




#67
Ethyl Benzene
Concen: 49.990 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY014176.D
Acq: 15 Jun 2023 00:04

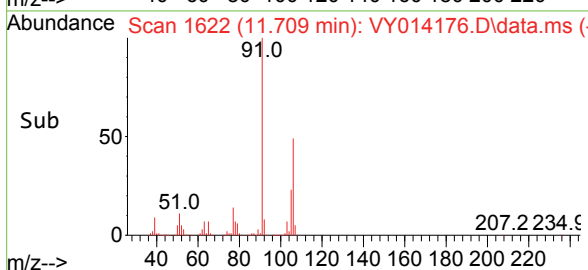
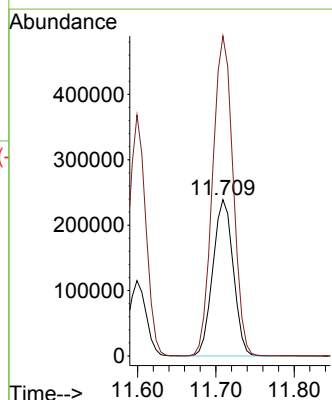
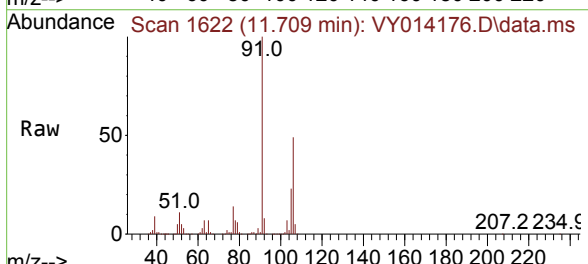
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

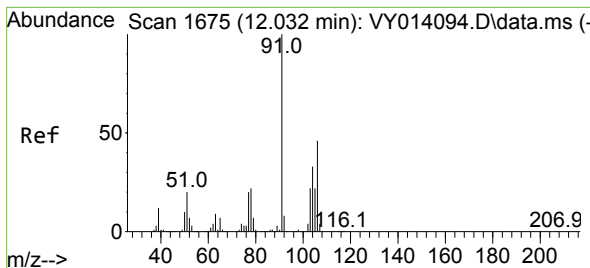
Tgt Ion: 91 Resp: 556886
Ion Ratio Lower Upper
91 100
106 31.3 24.6 36.8



#68
m/p-Xylenes
Concen: 101.167 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY014176.D
Acq: 15 Jun 2023 00:04

Tgt Ion: 106 Resp: 433485
Ion Ratio Lower Upper
106 100
91 205.0 166.1 249.1

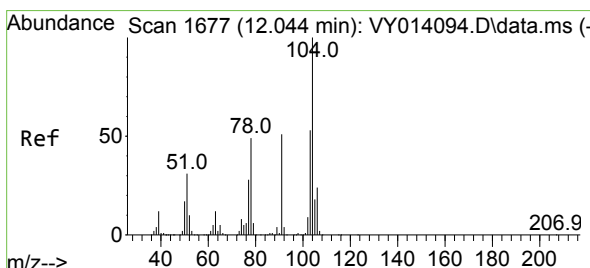
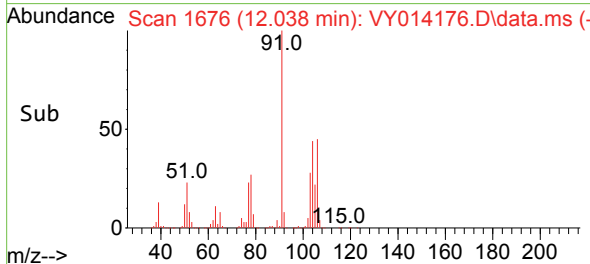
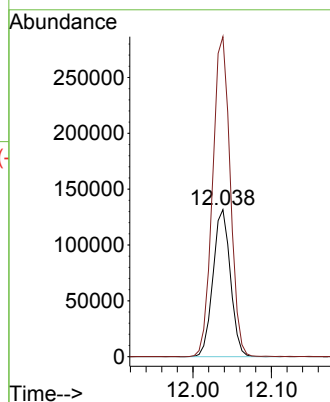
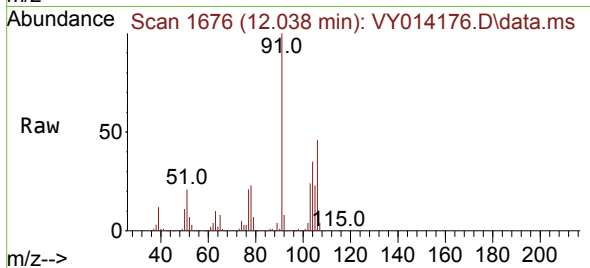




#69
o-Xylene
Concen: 50.093 ug/l
RT: 12.038 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY014176.D
Acq: 15 Jun 2023 00:04

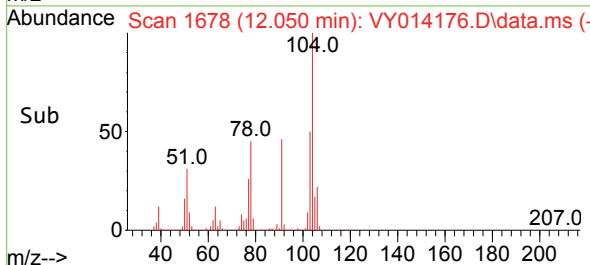
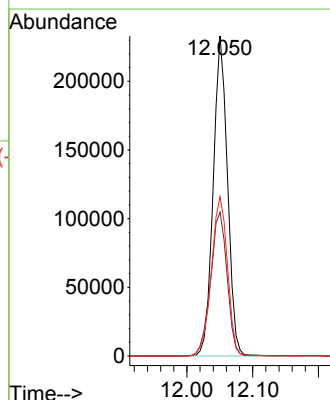
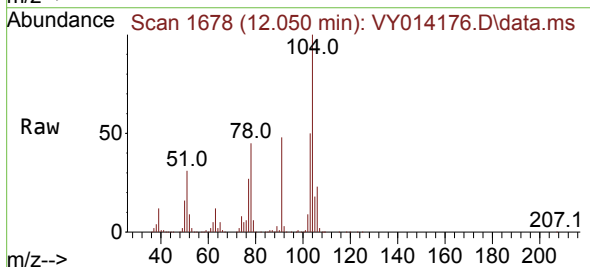
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

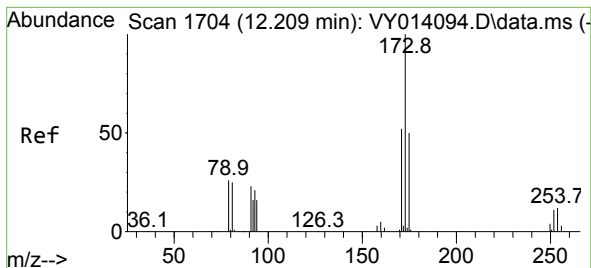
Tgt Ion:106 Resp: 202931
Ion Ratio Lower Upper
106 100
91 220.6 108.1 324.3



#70
Styrene
Concen: 50.953 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY014176.D
Acq: 15 Jun 2023 00:04

Tgt Ion:104 Resp: 352295
Ion Ratio Lower Upper
104 100
78 51.8 41.5 62.3
103 56.0 44.6 67.0





#71

Bromoform

Concen: 47.443 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014176.D

Acq: 15 Jun 2023 00:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

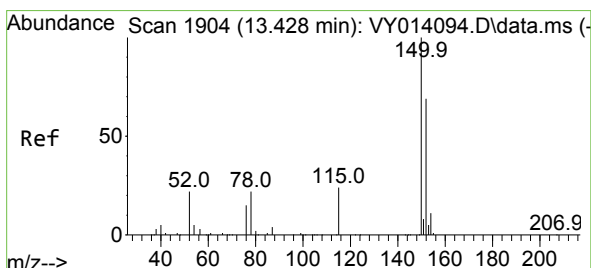
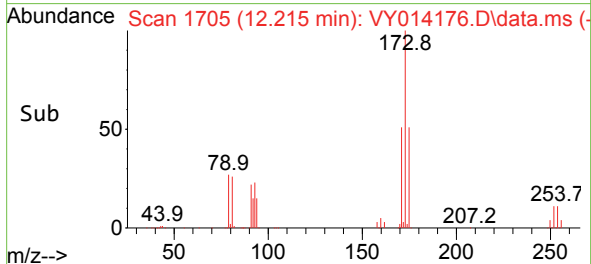
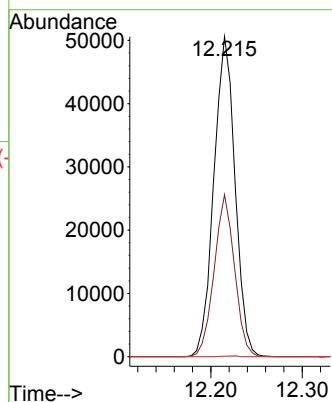
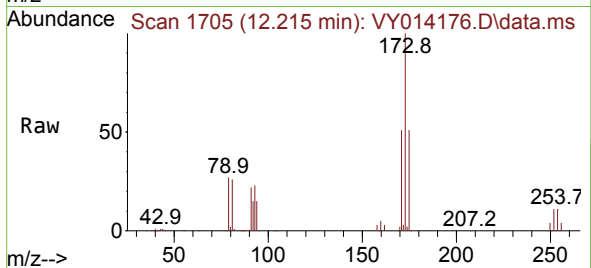
Tgt Ion:173 Resp: 81333

Ion Ratio Lower Upper

173 100

175 48.7 24.6 73.8

254 0.2 0.2 0.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY014176.D

Acq: 15 Jun 2023 00:04

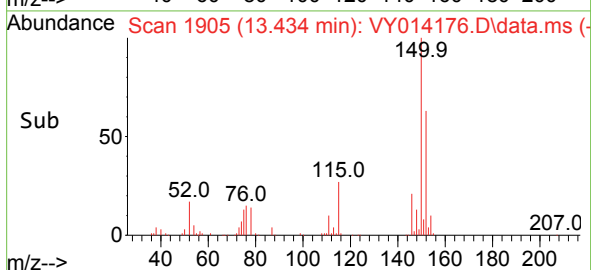
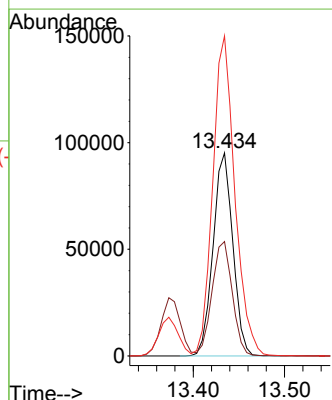
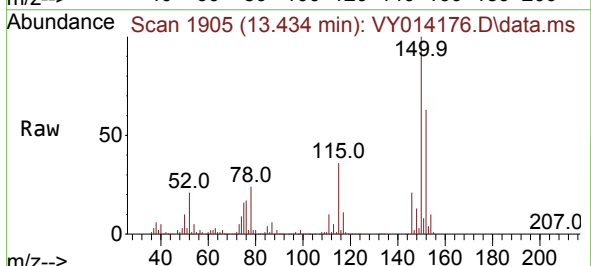
Tgt Ion:152 Resp: 143130

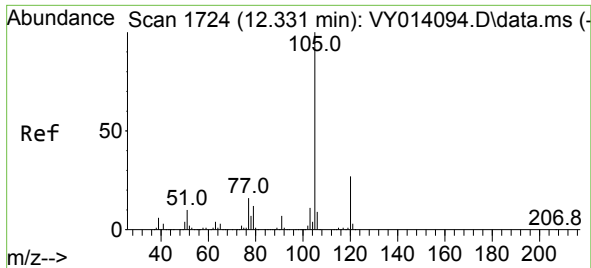
Ion Ratio Lower Upper

152 100

115 57.9 28.8 86.5

150 176.2 0.0 348.8

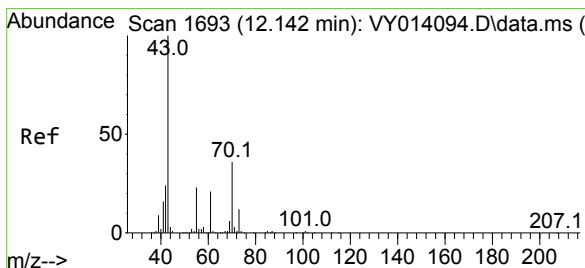
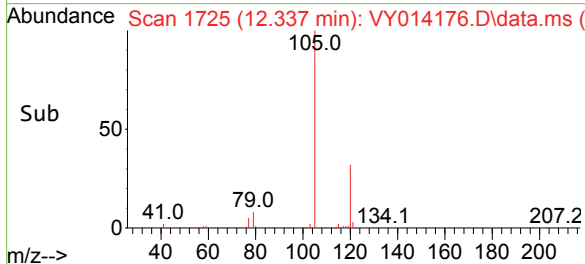
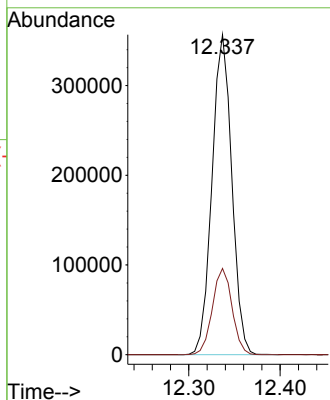
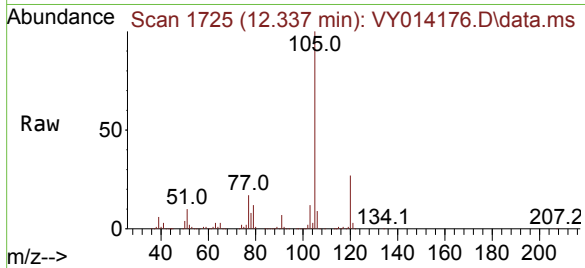




#73
Isopropylbenzene
Concen: 49.127 ug/l
RT: 12.337 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014176.D
Acq: 15 Jun 2023 00:04

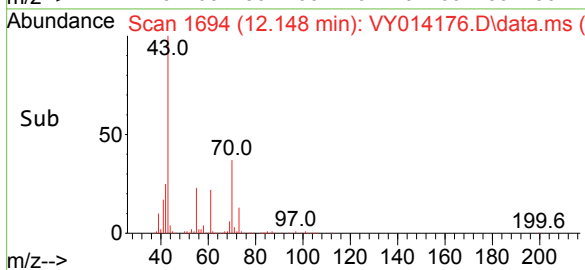
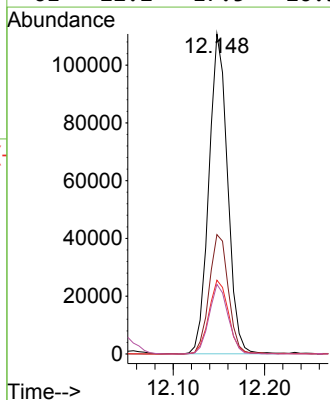
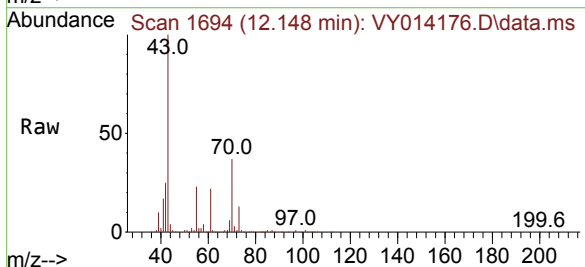
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

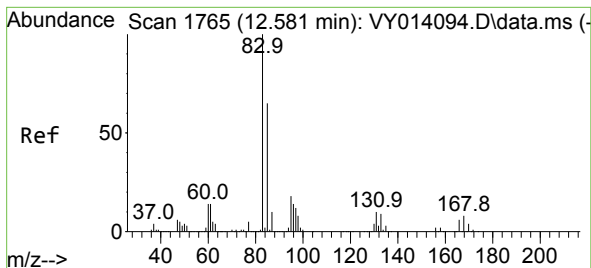
Tgt Ion:105 Resp: 536415
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.9



#74
N-ethyl acetate
Concen: 45.393 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY014176.D
Acq: 15 Jun 2023 00:04

Tgt Ion: 43 Resp: 157066
Ion Ratio Lower Upper
43 100
70 38.5 29.7 44.5
55 24.3 18.3 27.5
61 22.2 17.5 26.3





#75

1,1,2-Tetrachloroethane

Concen: 46.393 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.006 min

Lab File: VY014176.D

Acq: 15 Jun 2023 00:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

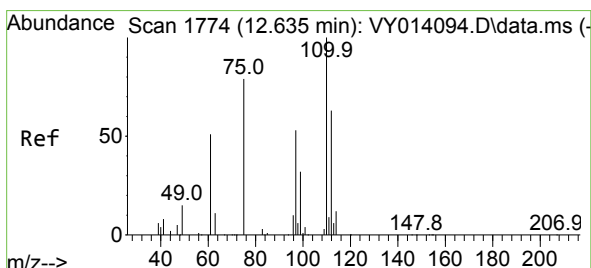
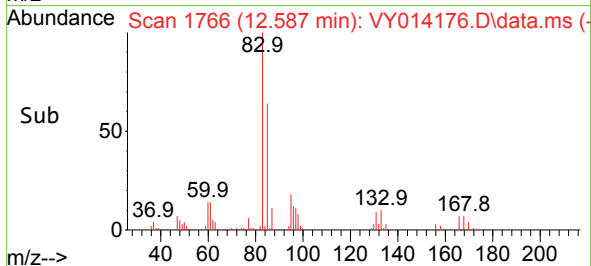
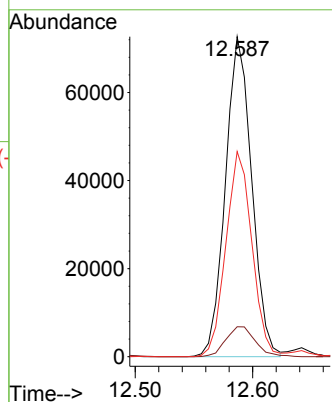
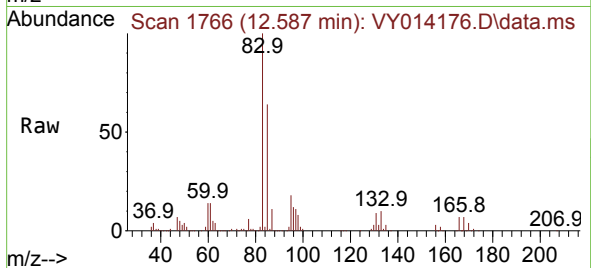
Tgt Ion: 83 Resp: 113189

Ion Ratio Lower Upper

83 100

131 10.5 5.4 16.2

85 63.3 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 80.306 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.007 min

Lab File: VY014176.D

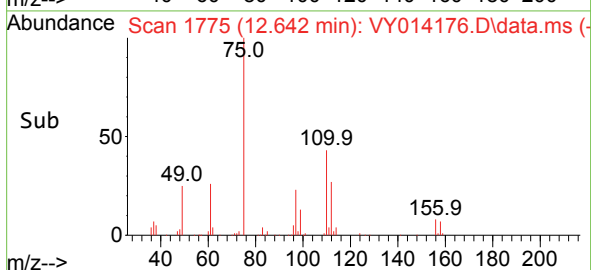
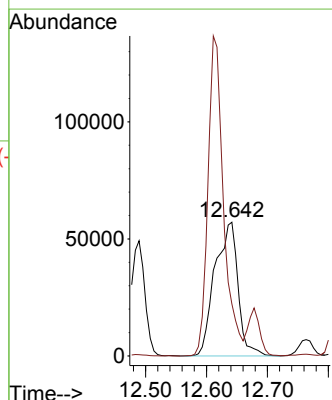
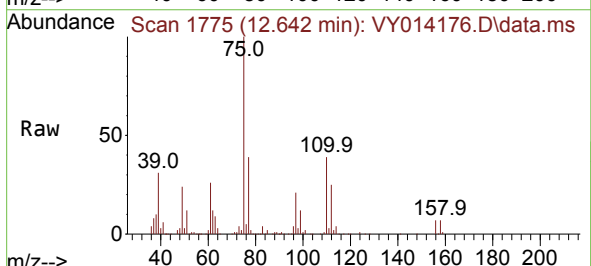
Acq: 15 Jun 2023 00:04

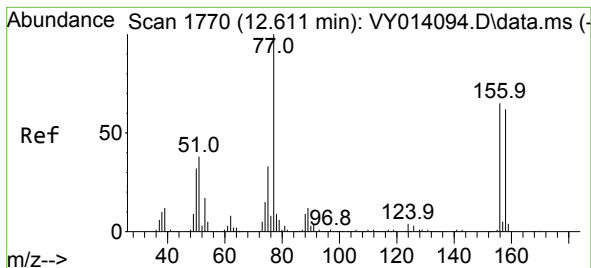
Tgt Ion: 75 Resp: 150801

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.296 ug/l

RT: 12.617 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY014176.D

Acq: 15 Jun 2023 00:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

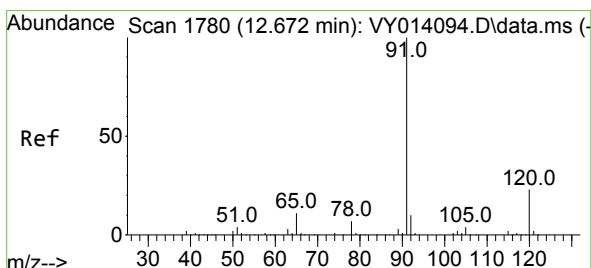
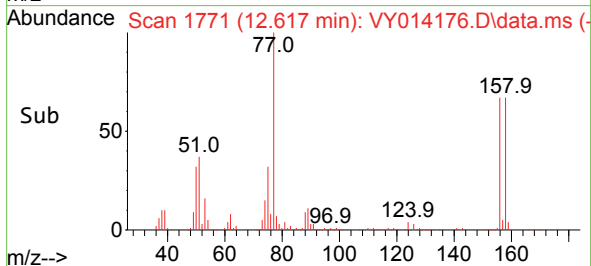
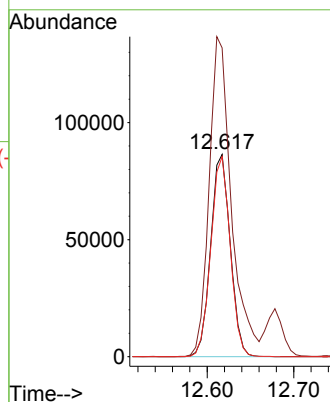
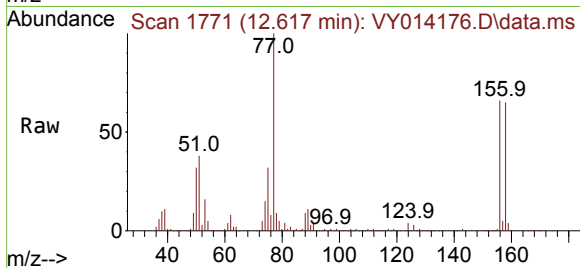
Tgt Ion:156 Resp: 135729

Ion Ratio Lower Upper

156 100

77 179.2 92.8 278.6

158 97.9 48.4 145.3



#78

n-propylbenzene

Concen: 49.604 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.006 min

Lab File: VY014176.D

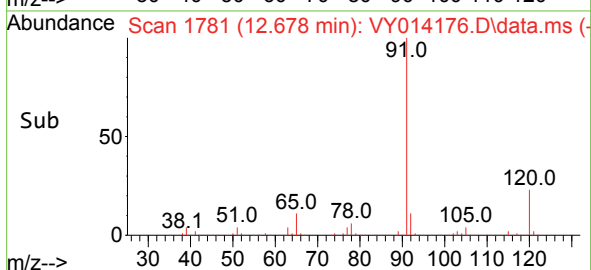
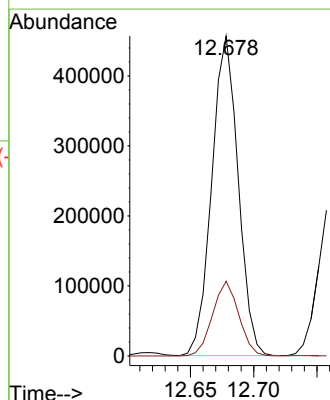
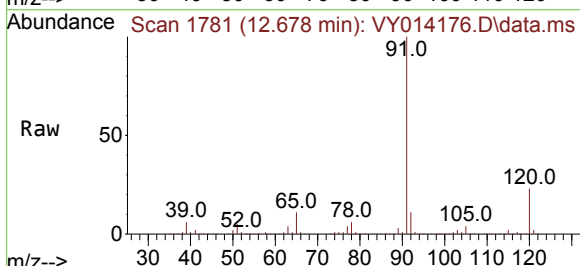
Acq: 15 Jun 2023 00:04

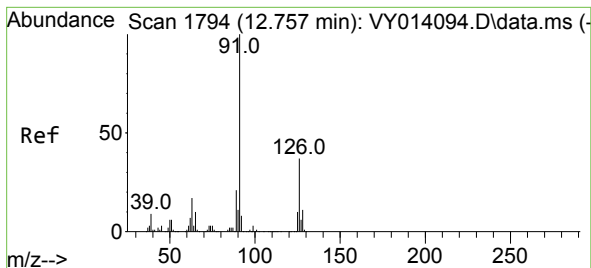
Tgt Ion: 91 Resp: 661546

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4

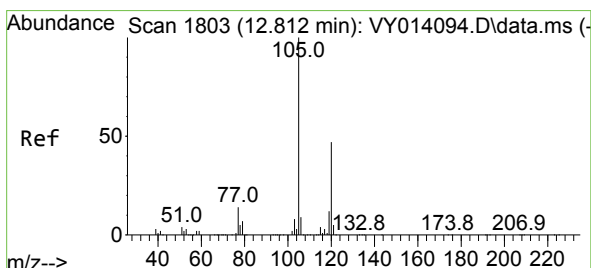
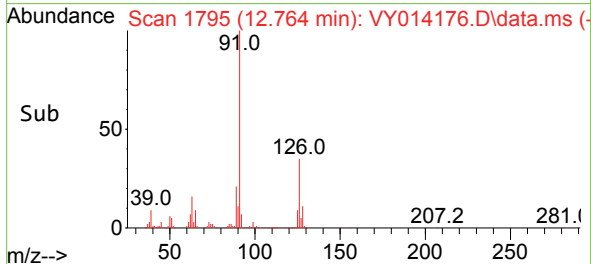
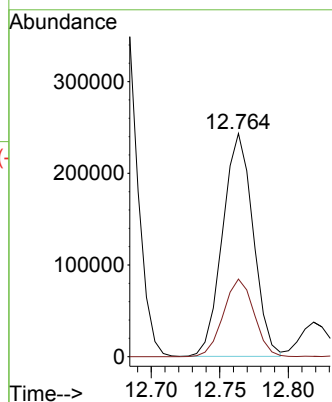
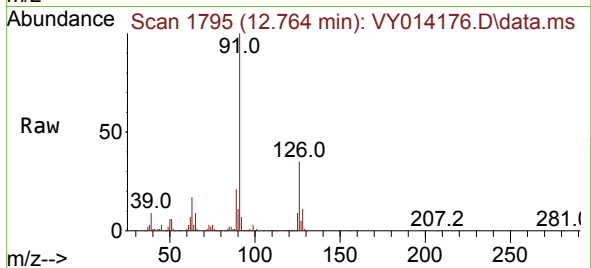




#79
2-Chlorotoluene
Concen: 49.240 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.007 min
Lab File: VY014176.D
Acq: 15 Jun 2023 00:04

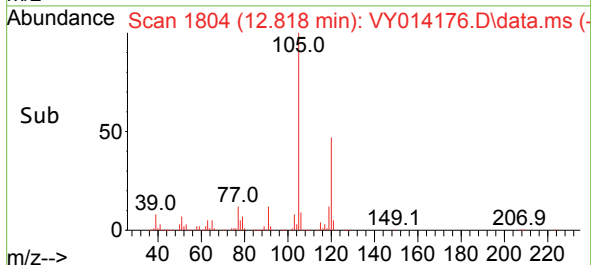
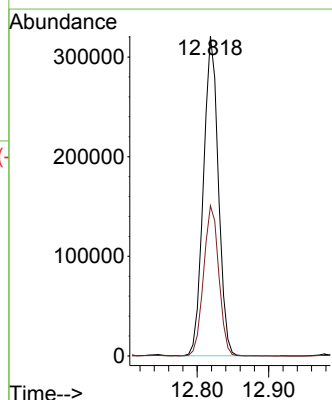
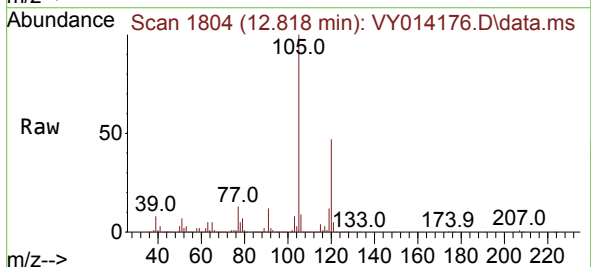
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

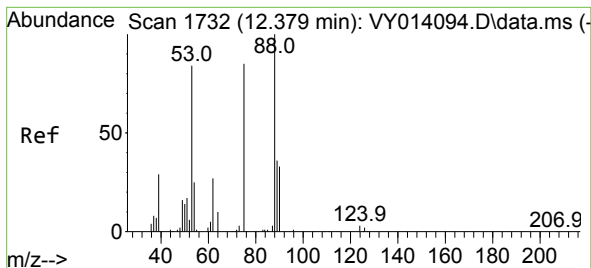
Tgt Ion: 91 Resp: 377852
Ion Ratio Lower Upper
91 100
126 34.9 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 49.848 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY014176.D
Acq: 15 Jun 2023 00:04

Tgt Ion: 105 Resp: 466043
Ion Ratio Lower Upper
105 100
120 47.9 23.9 71.7

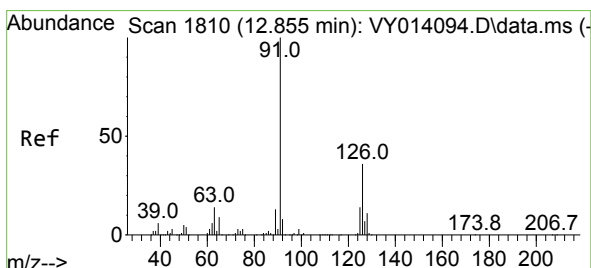
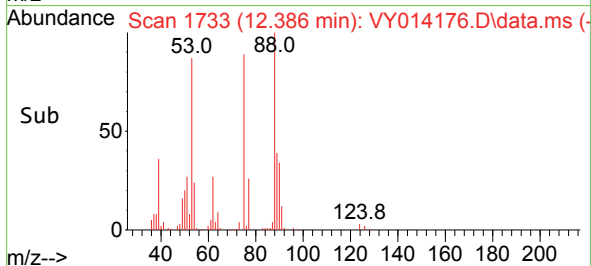
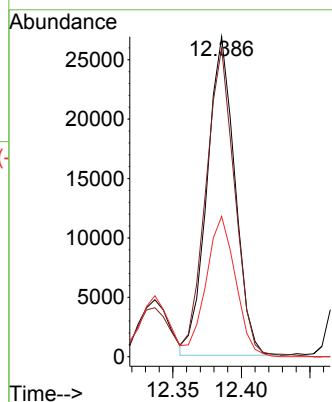
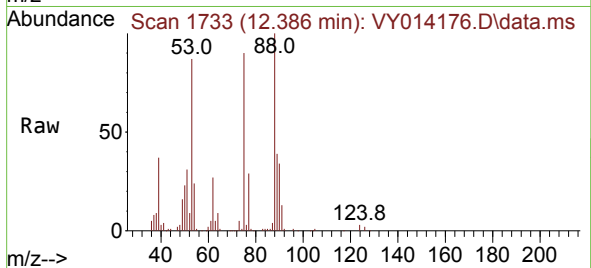




#81
trans-1,4-Dichloro-2-butene
Concen: 43.644 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.007 min
Lab File: VY014176.D
Acq: 15 Jun 2023 00:04

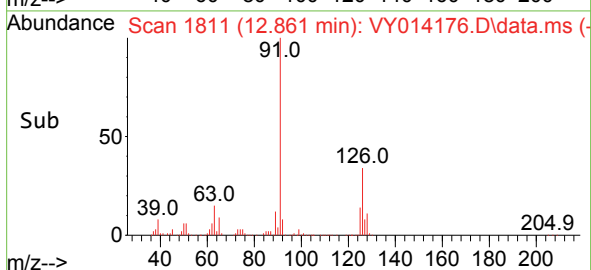
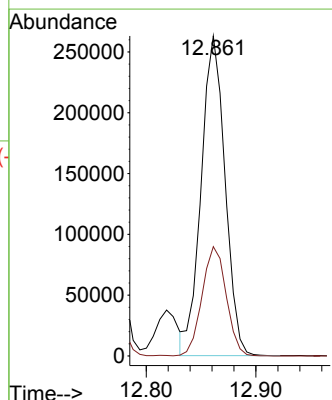
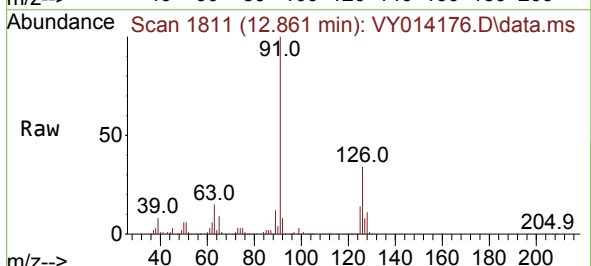
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

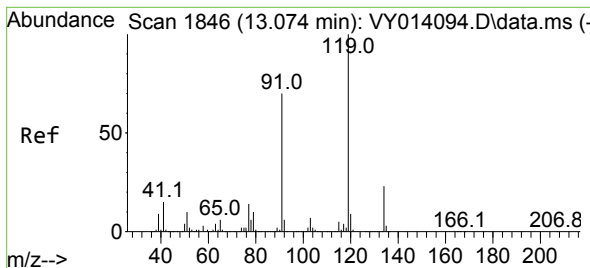
Tgt Ion: 75 Resp: 37914
Ion Ratio Lower Upper
75 100
53 100.7 77.8 116.8
89 46.8 37.4 56.0



#82
4-Chlorotoluene
Concen: 48.890 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY014176.D
Acq: 15 Jun 2023 00:04

Tgt Ion: 91 Resp: 397573
Ion Ratio Lower Upper
91 100
126 34.6 17.2 51.6





#83

tert-Butylbenzene

Concen: 49.002 ug/l

RT: 13.081 min Scan# 119

Delta R.T. 0.007 min

Lab File: VY014176.D

Acq: 15 Jun 2023 00:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

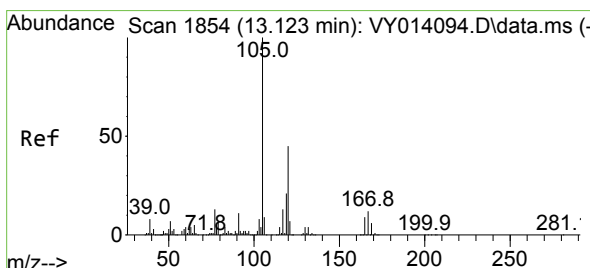
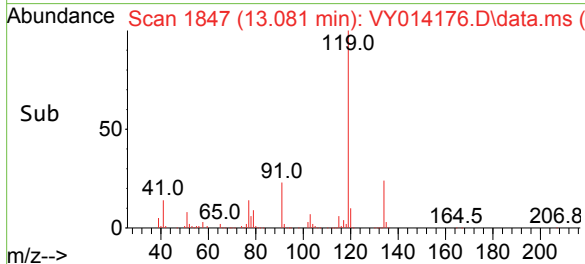
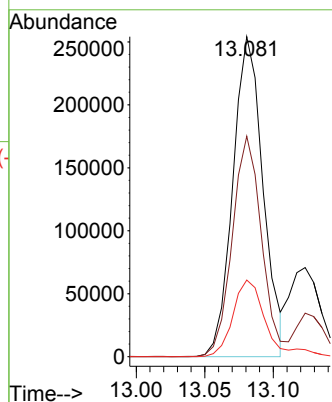
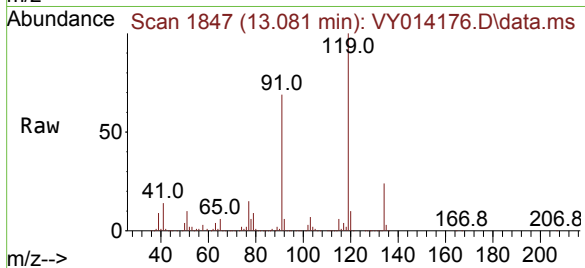
Tgt Ion:119 Resp: 389320

Ion Ratio Lower Upper

119 100

91 67.4 32.9 98.6

134 26.1 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 49.742 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY014176.D

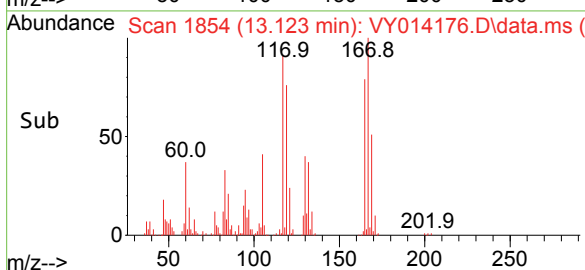
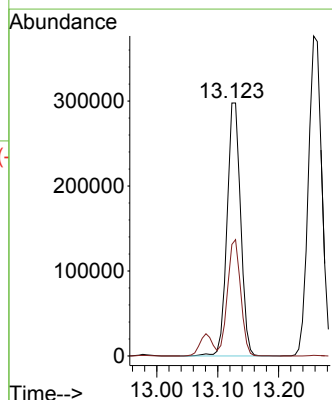
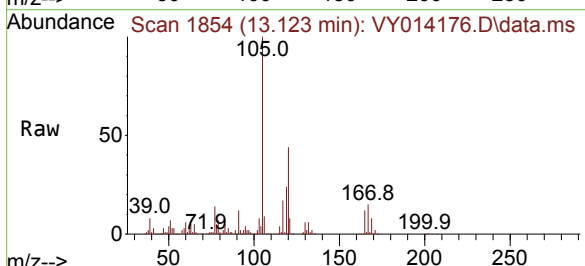
Acq: 15 Jun 2023 00:04

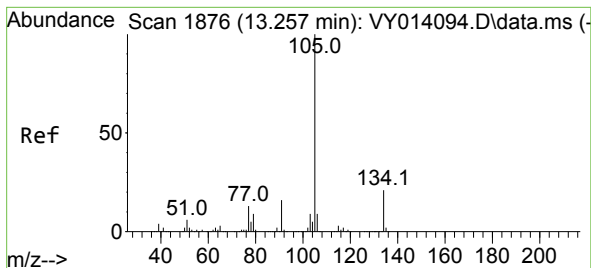
Tgt Ion:105 Resp: 460340

Ion Ratio Lower Upper

105 100

120 44.7 22.2 66.6





#85

sec-Butylbenzene

Concen: 50.018 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY014176.D

Acq: 15 Jun 2023 00:04

Instrument :

MSVOA_Y

ClientSampleId :

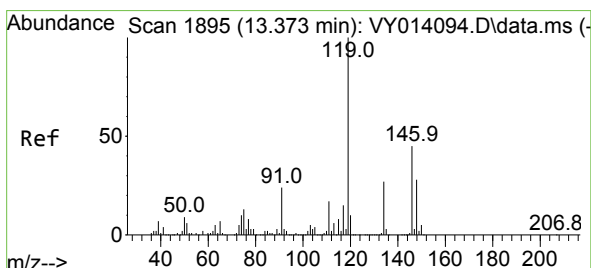
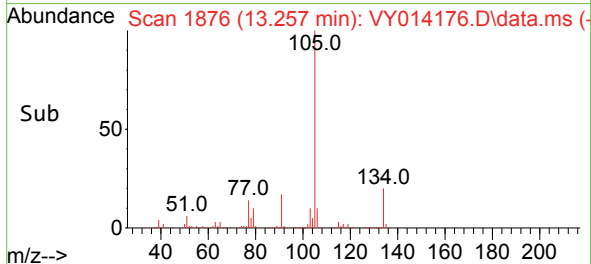
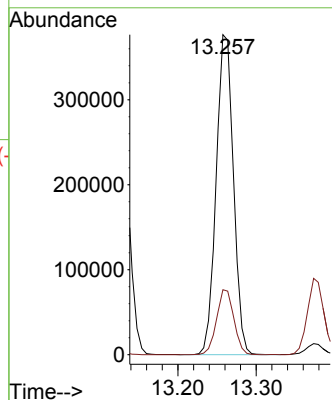
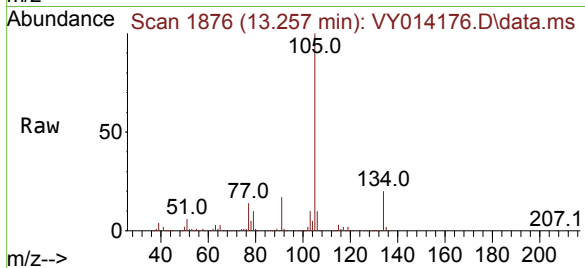
VSTDCCC050EC

Tgt Ion:105 Resp: 577748

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.6



#86

p-Isopropyltoluene

Concen: 49.501 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY014176.D

Acq: 15 Jun 2023 00:04

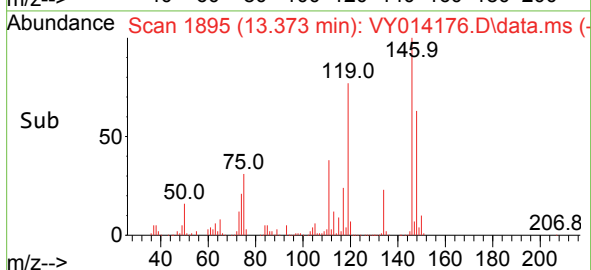
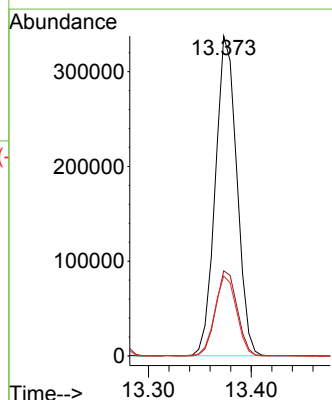
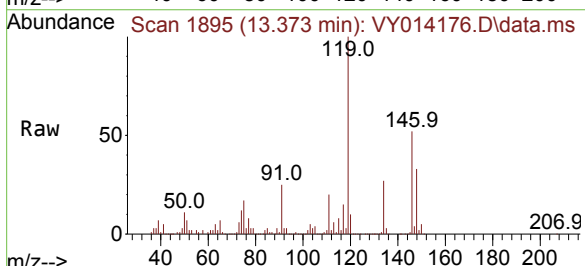
Tgt Ion:119 Resp: 489347

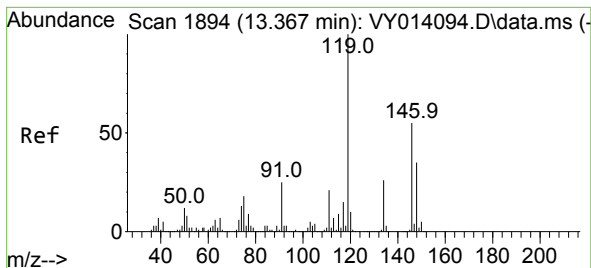
Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

91 25.3 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 48.152 ug/l

RT: 13.373 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014176.D

Acq: 15 Jun 2023 00:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

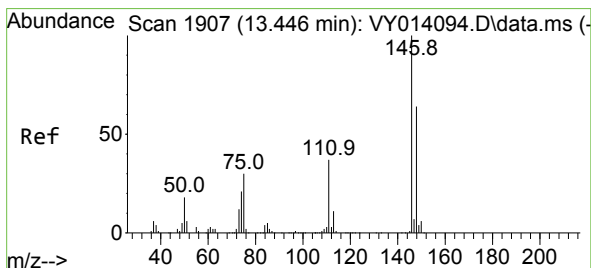
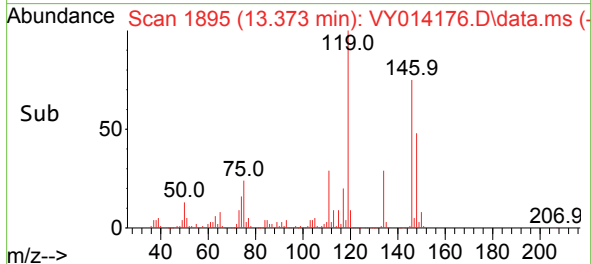
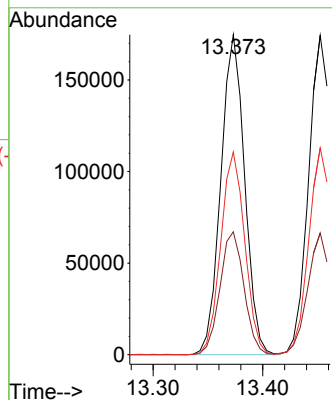
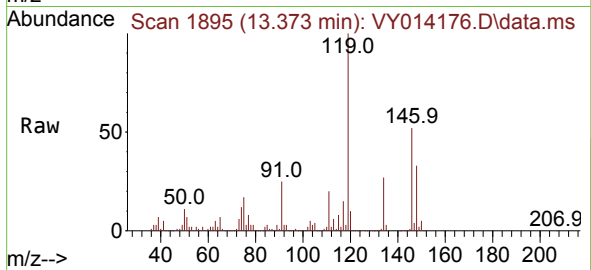
Tgt Ion:146 Resp: 263838

Ion Ratio Lower Upper

146 100

111 38.8 19.4 58.2

148 63.9 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 47.123 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY014176.D

Acq: 15 Jun 2023 00:04

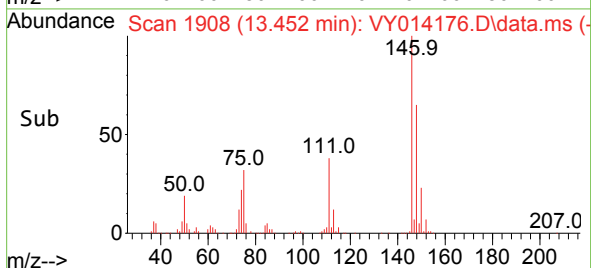
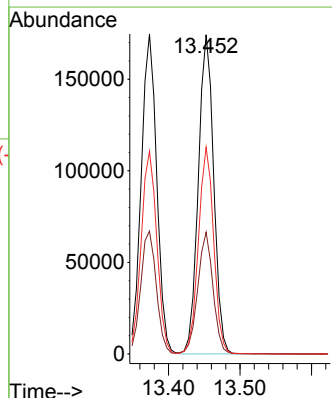
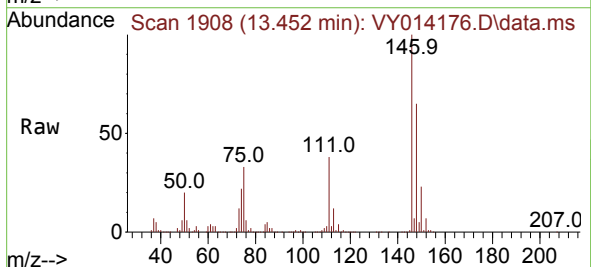
Tgt Ion:146 Resp: 260151

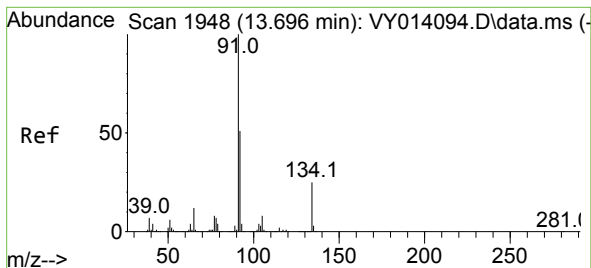
Ion Ratio Lower Upper

146 100

111 37.9 18.9 56.7

148 64.2 32.1 96.5





#89

n-Butylbenzene

Concen: 49.194 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY014176.D

Acq: 15 Jun 2023 00:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

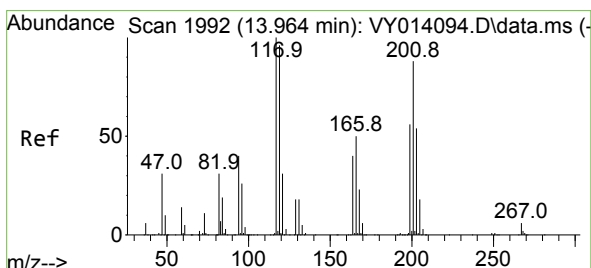
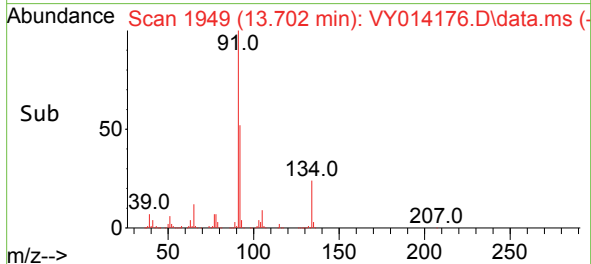
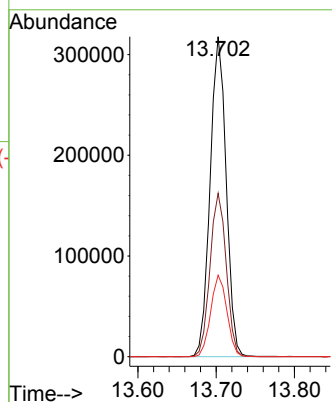
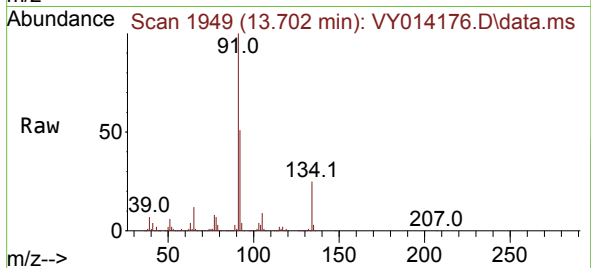
Tgt Ion: 91 Resp: 451063

Ion Ratio Lower Upper

91 100

92 51.7 25.4 76.0

134 25.7 12.6 37.6



#90

Hexachloroethane

Concen: 48.519 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.001 min

Lab File: VY014176.D

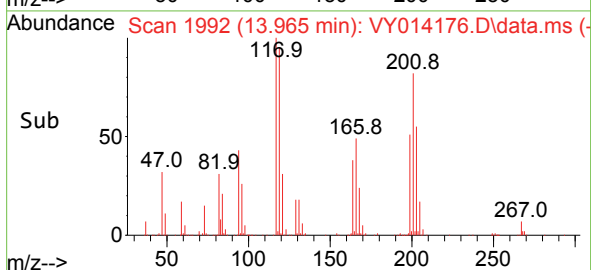
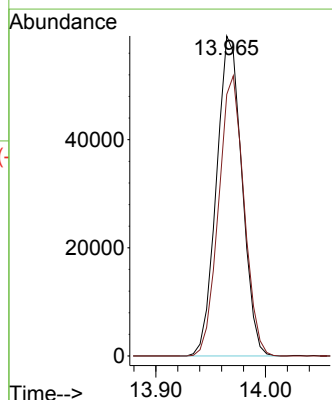
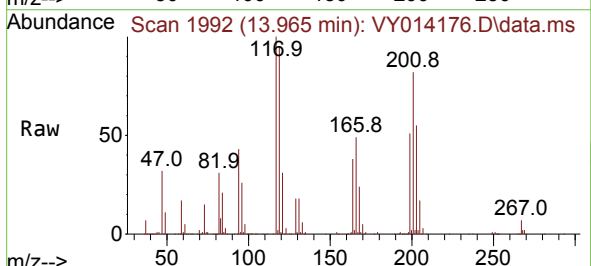
Acq: 15 Jun 2023 00:04

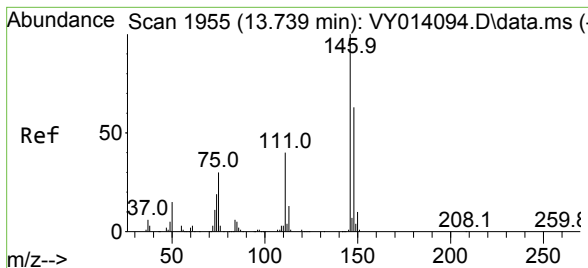
Tgt Ion: 117 Resp: 95577

Ion Ratio Lower Upper

117 100

201 87.1 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 48.255 ug/l

RT: 13.745 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY014176.D

Acq: 15 Jun 2023 00:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

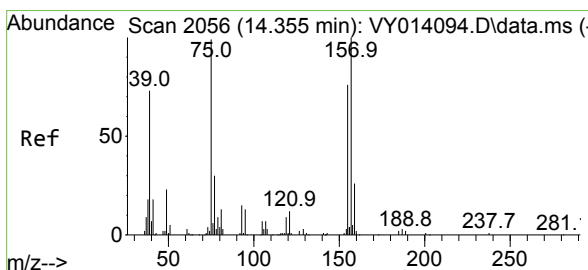
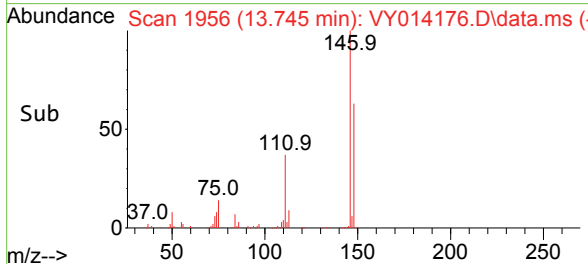
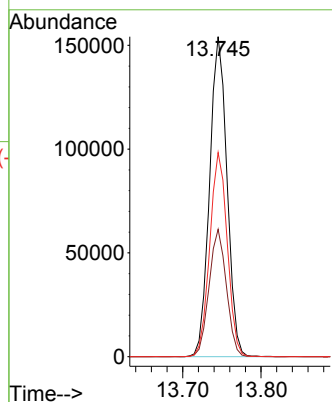
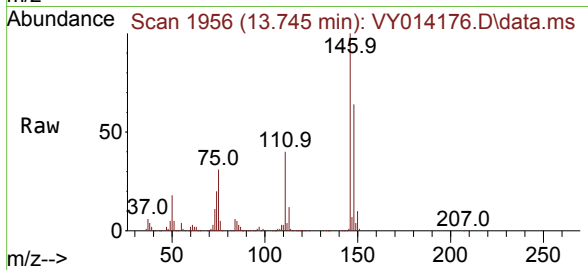
Tgt Ion:146 Resp: 237473

Ion Ratio Lower Upper

146 100

111 39.7 19.7 59.0

148 64.1 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.680 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY014176.D

Acq: 15 Jun 2023 00:04

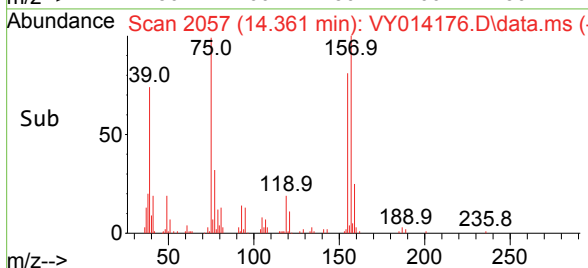
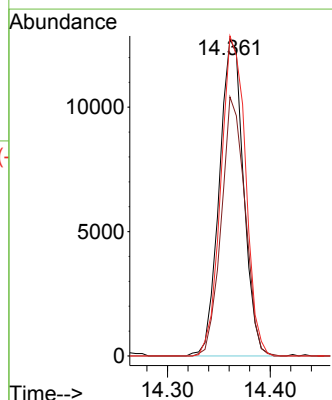
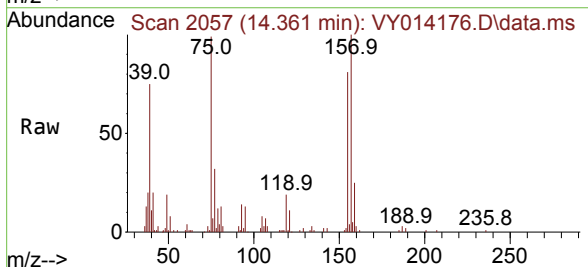
Tgt Ion: 75 Resp: 20759

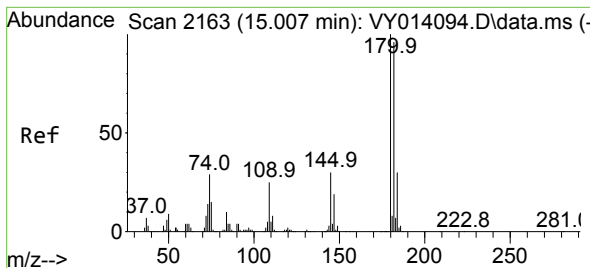
Ion Ratio Lower Upper

75 100

155 80.0 41.5 124.6

157 102.8 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 46.734 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY014176.D

Acq: 15 Jun 2023 00:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

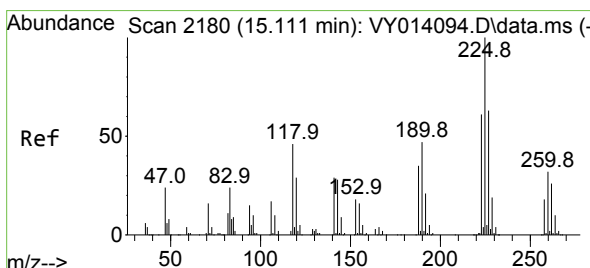
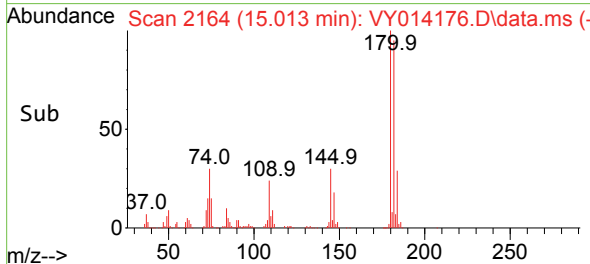
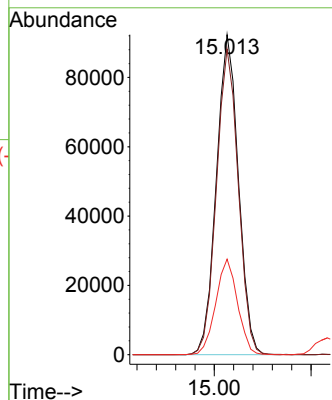
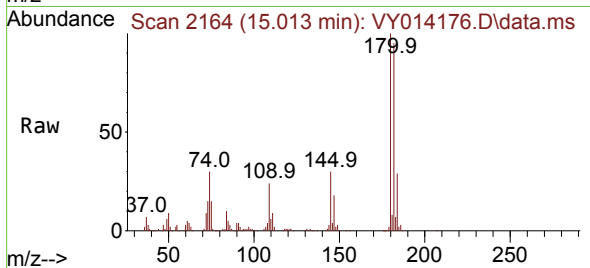
Tgt Ion:180 Resp: 145692

Ion Ratio Lower Upper

180 100

182 94.7 47.0 141.2

145 29.5 14.5 43.5



#94

Hexachlorobutadiene

Concen: 49.036 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY014176.D

Acq: 15 Jun 2023 00:04

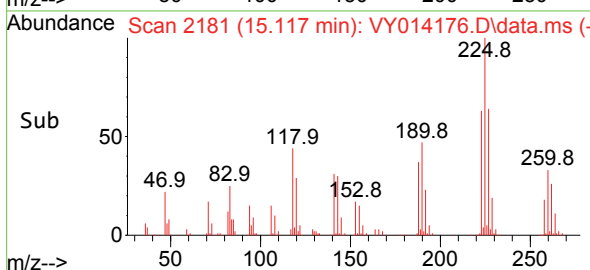
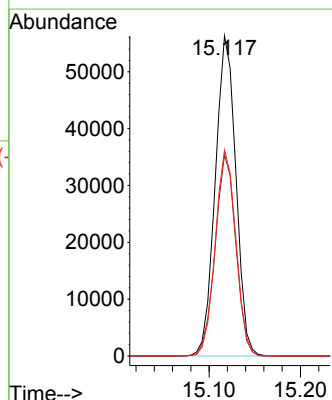
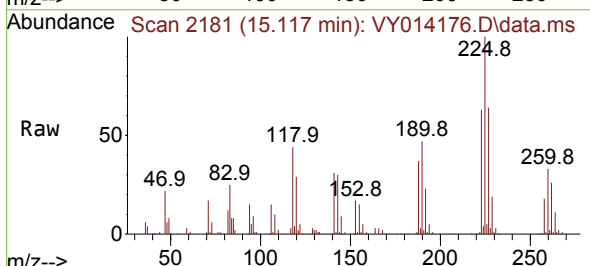
Tgt Ion:225 Resp: 88255

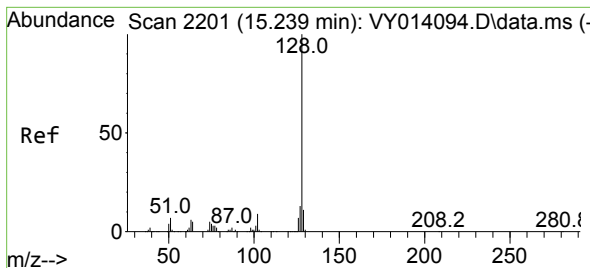
Ion Ratio Lower Upper

225 100

223 62.9 31.9 95.9

227 64.3 33.0 98.9





#95

Naphthalene

Concen: 46.316 ug/l

RT: 15.245 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY014176.D

Acq: 15 Jun 2023 00:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

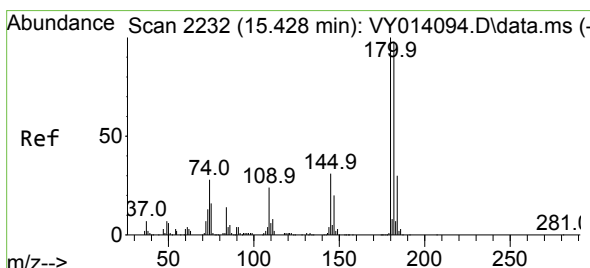
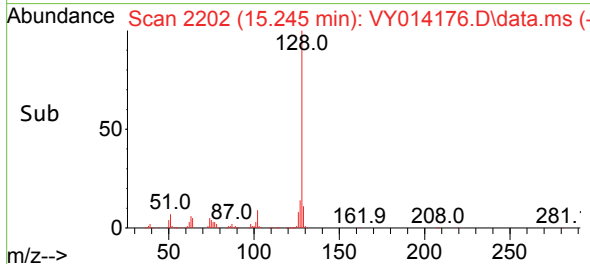
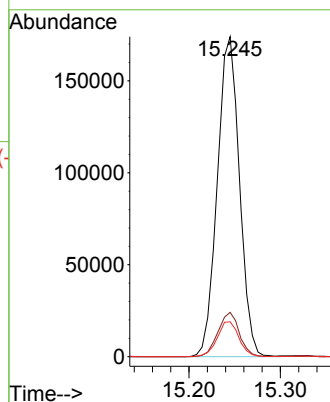
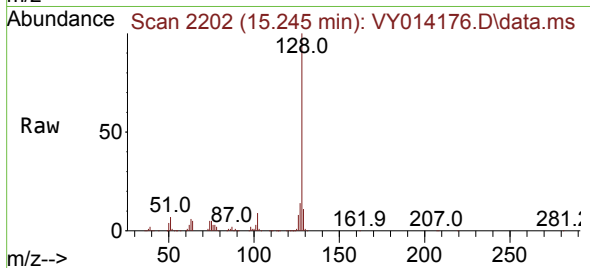
Tgt Ion:128 Resp: 293076

Ion Ratio Lower Upper

128 100

127 13.4 10.8 16.2

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 45.513 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY014176.D

Acq: 15 Jun 2023 00:04

Tgt Ion:180 Resp: 128211

Ion Ratio Lower Upper

180 100

182 95.6 47.3 141.8

145 31.5 15.4 46.2

