

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050823\
 Data File : VY013654.D
 Acq On : 08 May 2023 17:45
 Operator : KP/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: May 09 05:00:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	204566	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	328596	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	300038	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	155972	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	128099	57.123	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.240%	
35) Dibromofluoromethane	7.710	113	115368	55.822	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.640%	
50) Toluene-d8	10.179	98	381900	51.944	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.880%	
62) 4-Bromofluorobenzene	12.477	95	146299	59.025	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 118.040%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	104712	53.843	ug/l	97
3) Chloromethane	2.107	50	150859	57.871	ug/l	99
4) Vinyl Chloride	2.247	62	145455	56.039	ug/l	98
5) Bromomethane	2.649	94	118077	57.086	ug/l	100
6) Chloroethane	2.790	64	98208	54.769	ug/l	97
7) Trichlorofluoromethane	3.119	101	219401	55.798	ug/l	99
8) Diethyl Ether	3.527	74	80233	59.920	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.899	101	125231	56.779	ug/l	95
10) Methyl Iodide	4.082	142	146378	52.841	ug/l	99
11) Tert butyl alcohol	4.972	59	75970	300.643	ug/l #	84
12) 1,1-Dichloroethene	3.869	96	115398	54.279	ug/l	89
13) Acrolein	3.722	56	30198	150.601	ug/l	95
14) Allyl chloride	4.472	41	236536	59.961	ug/l	97
15) Acrylonitrile	5.155	53	236522	315.407	ug/l	100
16) Acetone	3.948	43	277733	314.492	ug/l	98
17) Carbon Disulfide	4.192	76	340330	49.280	ug/l	99
18) Methyl Acetate	4.472	43	179963	61.700	ug/l	95
19) Methyl tert-butyl Ether	5.216	73	383560	62.492	ug/l	100
20) Methylene Chloride	4.710	84	166294	62.059	ug/l #	84
21) trans-1,2-Dichloroethene	5.216	96	133857	57.584	ug/l	95
22) Diisopropyl ether	6.112	45	511612	66.353	ug/l #	95
23) Vinyl Acetate	6.051	43	1572136	360.116	ug/l	95
24) 1,1-Dichloroethane	6.015	63	271561	63.193	ug/l	97
25) 2-Butanone	6.984	43	356764	318.543	ug/l	93
26) 2,2-Dichloropropane	6.978	77	225557	60.912	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	158767	61.817	ug/l	94
28) Bromochloromethane	7.325	49	95208	62.434	ug/l #	78
29) Tetrahydrofuran	7.344	42	219764	315.224	ug/l	89
30) Chloroform	7.502	83	271859	63.628	ug/l	98
31) Cyclohexane	7.783	56	211152	52.591	ug/l	91
32) 1,1,1-Trichloroethane	7.697	97	230829	60.543	ug/l	98
36) 1,1-Dichloropropene	7.911	75	193425	56.392	ug/l	97
37) Ethyl Acetate	7.069	43	154807	59.975	ug/l	95
38) Carbon Tetrachloride	7.899	117	204334	56.838	ug/l	94
39) Methylcyclohexane	9.179	83	215166	53.211	ug/l	97
40) Benzene	8.155	78	572140	59.216	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	204455	169.980	ug/l #	21
42) 1,2-Dichloroethane	8.234	62	192514	60.945	ug/l	98
43) Isopropyl Acetate	8.270	43	269391	61.832	ug/l	95
44) Trichloroethene	8.935	130	147492	57.388	ug/l	92
45) 1,2-Dichloropropane	9.215	63	157929	62.515	ug/l	98
46) Dibromomethane	9.301	93	91017	60.214	ug/l	93
47) Bromodichloromethane	9.496	83	214313	63.363	ug/l	99
48) Methyl methacrylate	9.289	41	124439	62.191	ug/l	95
49) 1,4-Dioxane	9.307	88	25386	1175.925	ug/l #	86
51) 4-Methyl-2-Pentanone	10.069	43	762101	313.906	ug/l	96
52) Toluene	10.240	92	350317	60.251	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	222824	62.248	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	247668	61.488	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	123424	61.658	ug/l	96
56) Ethyl methacrylate	10.508	69	177426	63.889	ug/l	88
57) 1,3-Dichloropropane	10.788	76	213493	62.975	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	302923	290.889	ug/l	93
59) 2-Hexanone	10.831	43	560826	317.781	ug/l	96
60) Dibromochloromethane	10.983	129	150669	61.989	ug/l	99
61) 1,2-Dibromoethane	11.087	107	120196	61.074	ug/l	99
64) Tetrachloroethene	10.715	164	124325	54.492	ug/l	97
65) Chlorobenzene	11.514	112	376283	57.571	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	147134	60.192	ug/l	99
67) Ethyl Benzene	11.587	91	672133	58.563	ug/l	98
68) m/p-Xylenes	11.697	106	511651	117.268	ug/l	97
69) o-Xylene	12.026	106	244158	59.170	ug/l	95
70) Styrene	12.038	104	426778	61.857	ug/l	100
71) Bromoform	12.203	173	103287	60.324	ug/l #	100
73) Isopropylbenzene	12.325	105	648392	54.962	ug/l	97
74) N-amyl acetate	12.142	43	239418	57.030	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	160099	55.522	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	204980	97.448	ug/l #	100
77) Bromobenzene	12.605	156	159283	55.723	ug/l	91
78) n-propylbenzene	12.666	91	803424	55.291	ug/l	96
79) 2-Chlorotoluene	12.751	91	454996	56.072	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	543233	56.418	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	57723	56.134	ug/l	95
82) 4-Chlorotoluene	12.855	91	471800	55.784	ug/l	97
83) tert-Butylbenzene	13.074	119	470809	56.438	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	545174	58.236	ug/l	99
85) sec-Butylbenzene	13.251	105	694632	55.482	ug/l	98
86) p-Isopropyltoluene	13.367	119	570569	56.671	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	310035	56.930	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	306155	55.652	ug/l	100
89) n-Butylbenzene	13.696	91	557091	56.692	ug/l	98
90) Hexachloroethane	13.958	117	118397	55.874	ug/l	94
91) 1,2-Dichlorobenzene	13.733	146	280774	57.093	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	27805	54.598	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	178156	60.762	ug/l	98
94) Hexachlorobutadiene	15.111	225	102032	59.794	ug/l	98
95) Naphthalene	15.233	128	380223	59.768	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	161904	61.954	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:39:58 2023
Response via : Initial Calibration

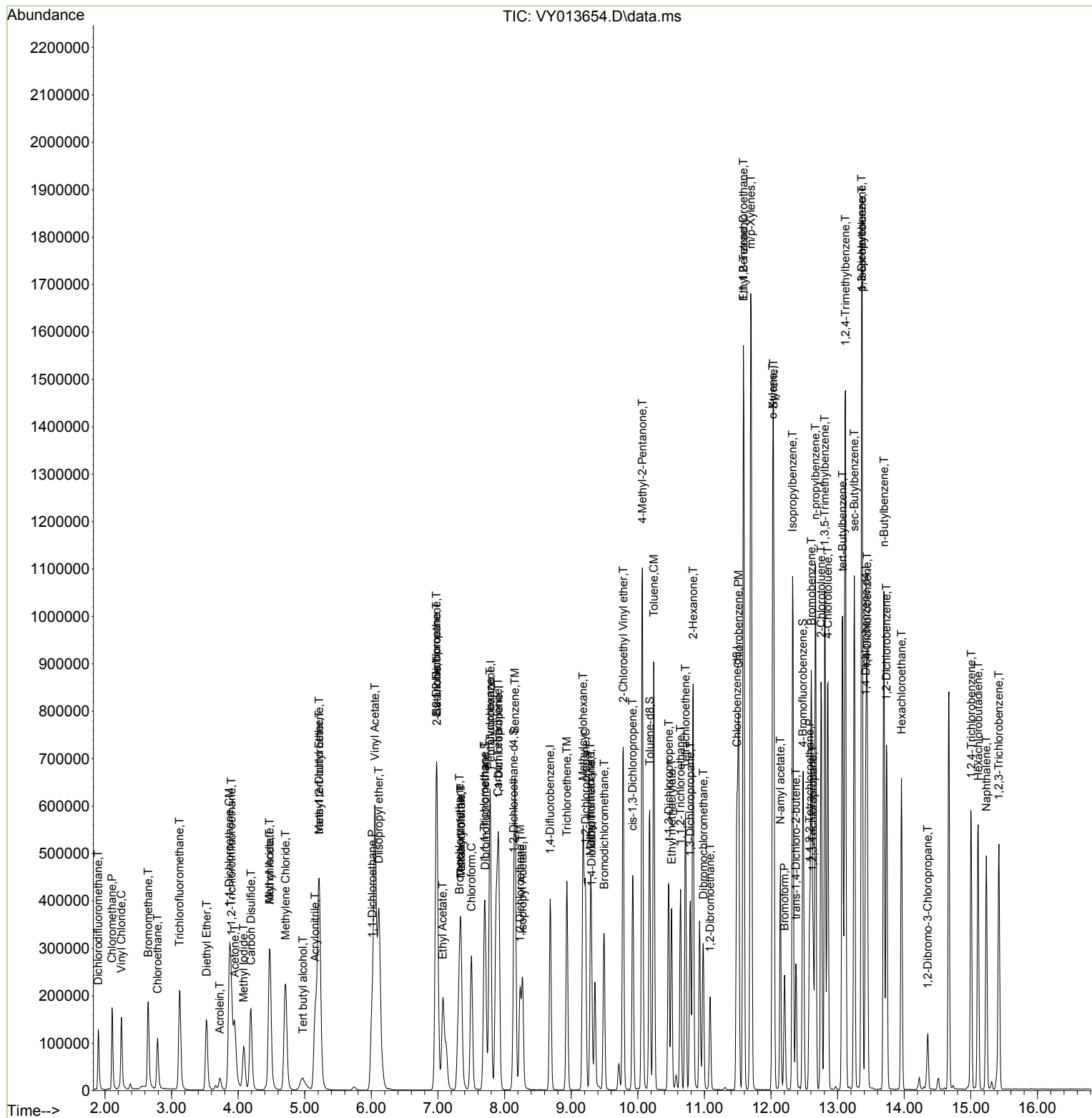
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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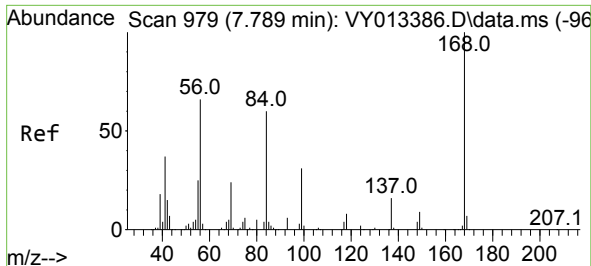
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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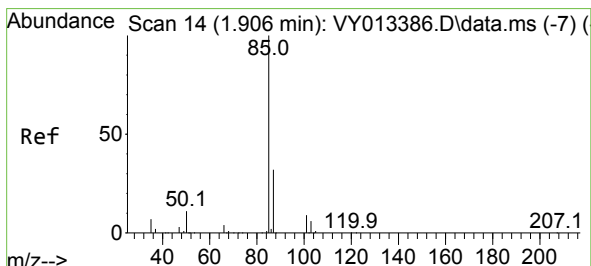
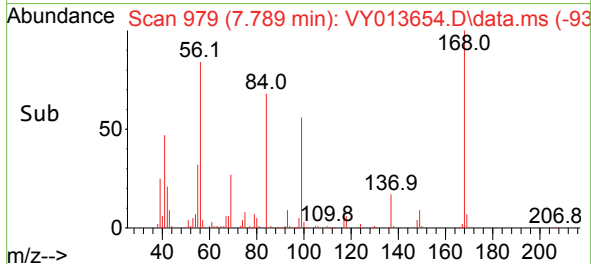
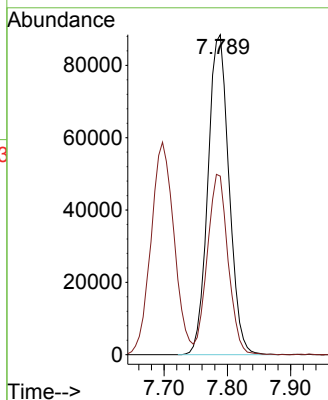
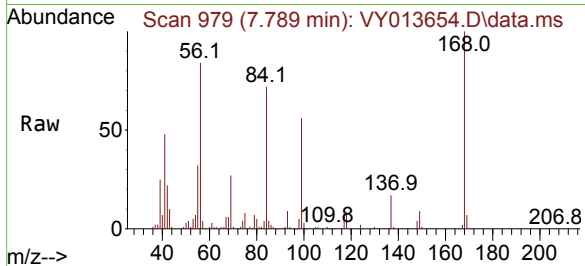




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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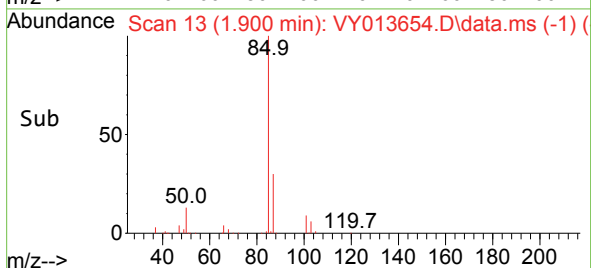
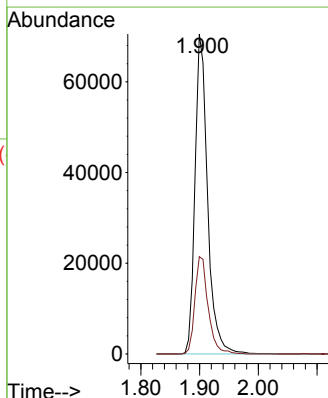
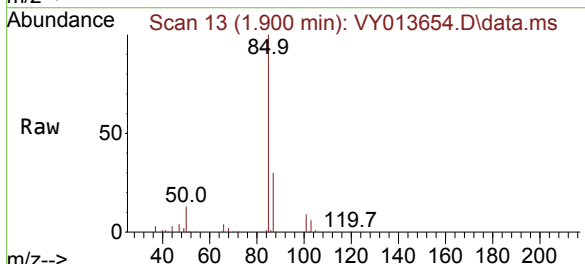
Instrument :
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ClientSampleId :
VSTDCCC050EC

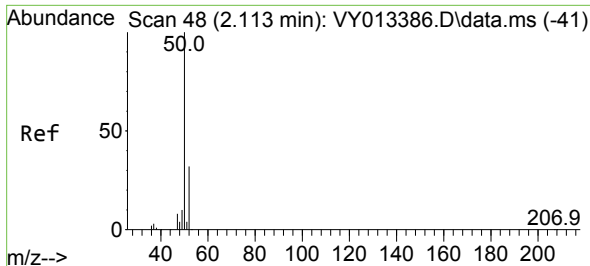
Tgt Ion:168 Resp: 204566
Ion Ratio Lower Upper
168 100
99 55.8 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 53.843 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

Tgt Ion: 85 Resp: 104712
Ion Ratio Lower Upper
85 100
87 30.4 16.1 48.2

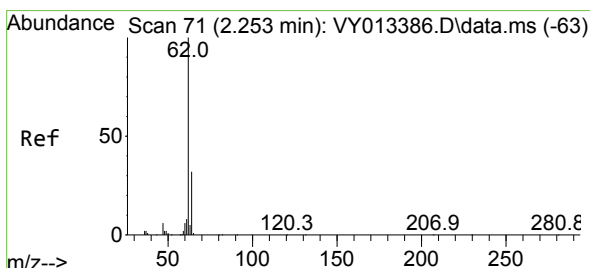
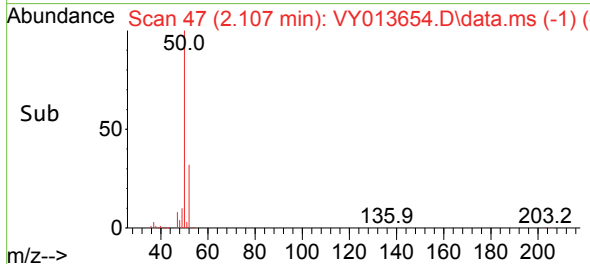
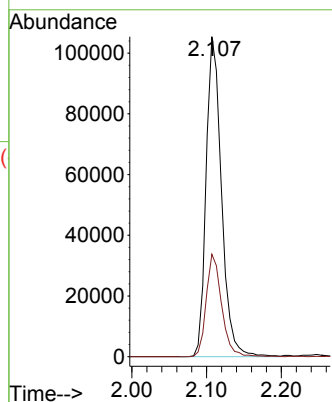
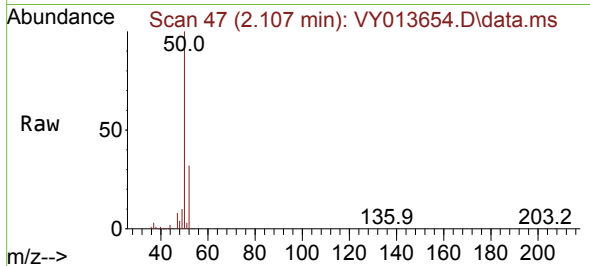




#3
Chloromethane
Concen: 57.871 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

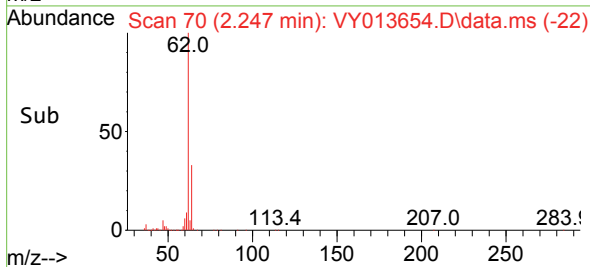
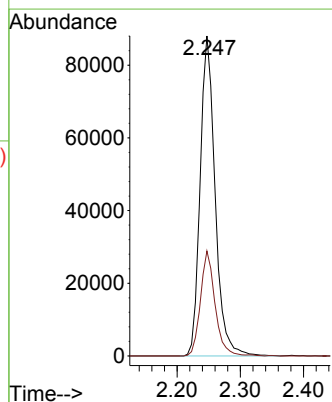
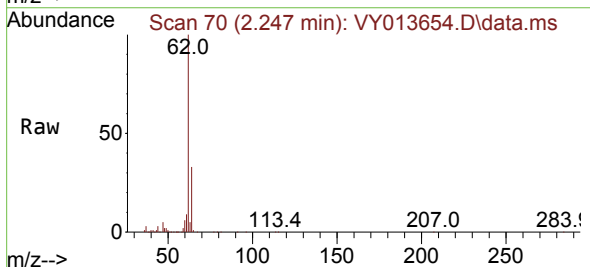
Instrument :
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ClientSampleId :
VSTDCCC050EC

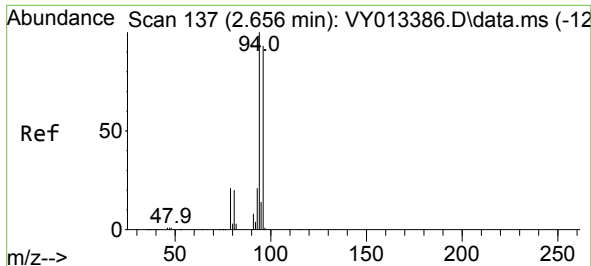
Tgt Ion: 50 Resp: 150859
Ion Ratio Lower Upper
50 100
52 32.0 25.9 38.9



#4
Vinyl Chloride
Concen: 56.039 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

Tgt Ion: 62 Resp: 145455
Ion Ratio Lower Upper
62 100
64 32.8 25.4 38.0

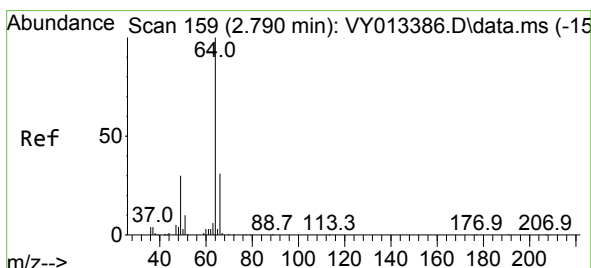
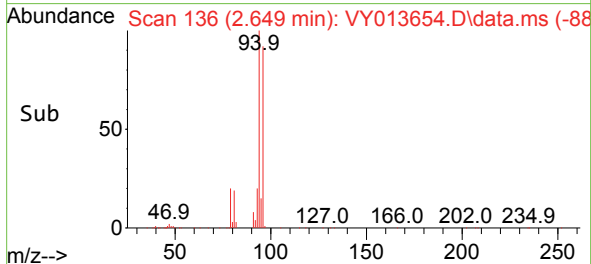
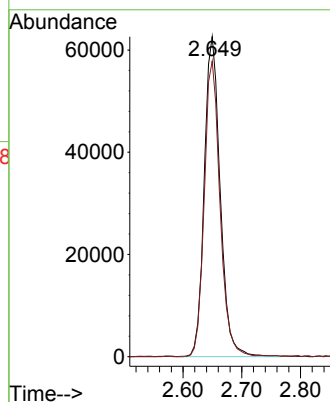
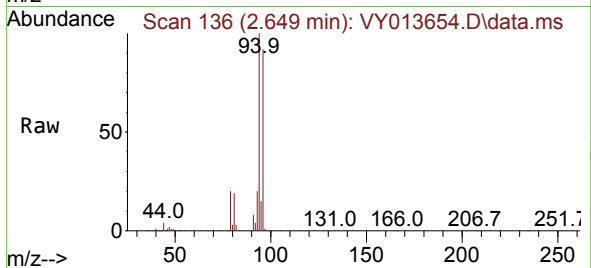




#5
Bromomethane
Concen: 57.086 ug/l
RT: 2.649 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY013654.D
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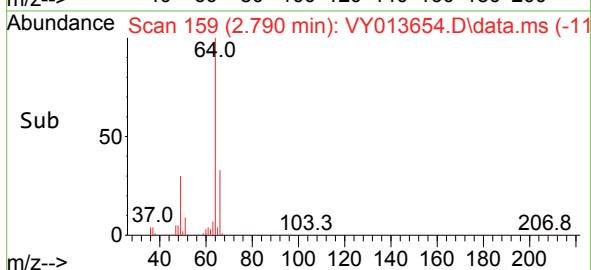
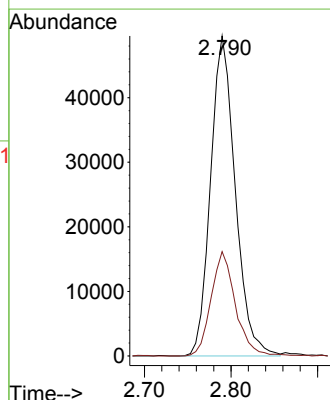
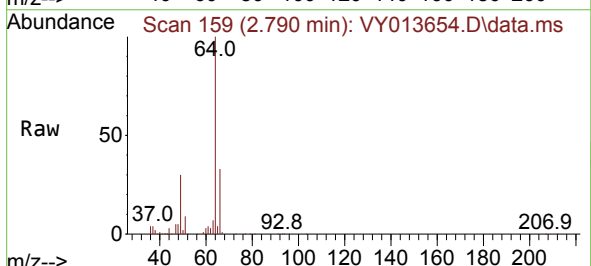
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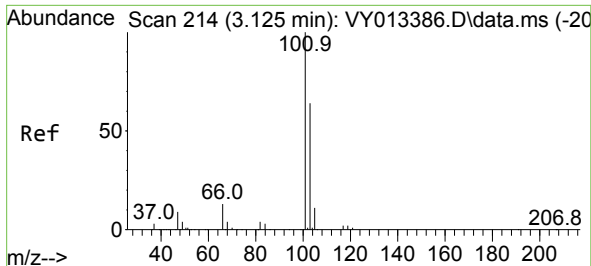
Tgt Ion: 94 Resp: 118077
Ion Ratio Lower Upper
94 100
96 92.2 74.2 111.2



#6
Chloroethane
Concen: 54.769 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY013654.D
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Tgt Ion: 64 Resp: 98208
Ion Ratio Lower Upper
64 100
66 32.6 24.6 37.0

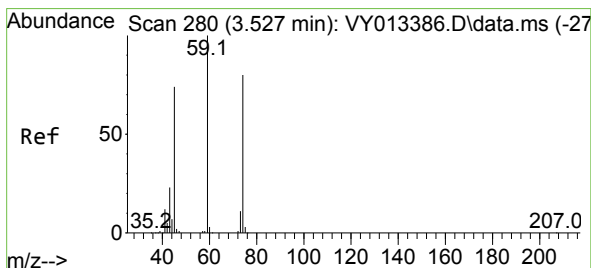
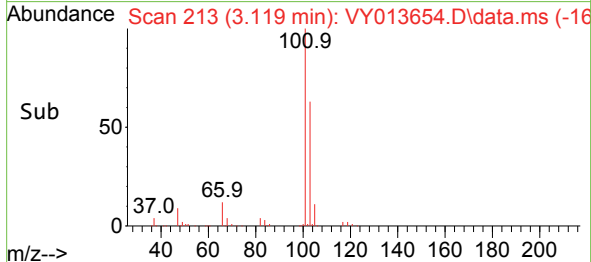
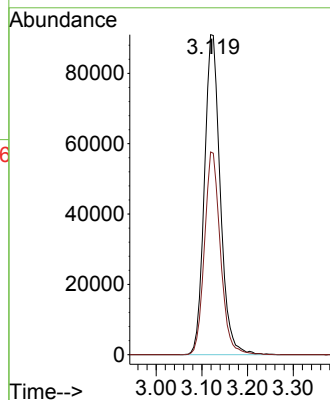
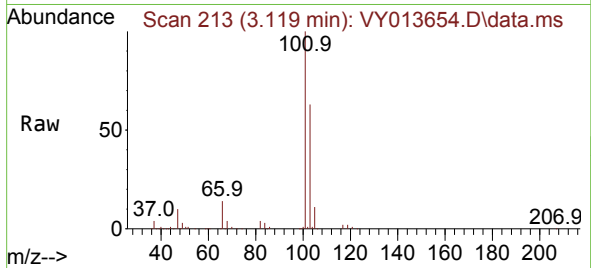




#7
Trichlorofluoromethane
Concen: 55.798 ug/l
RT: 3.119 min Scan# 214
Delta R.T. -0.006 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

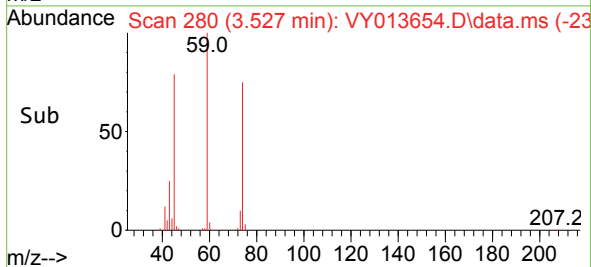
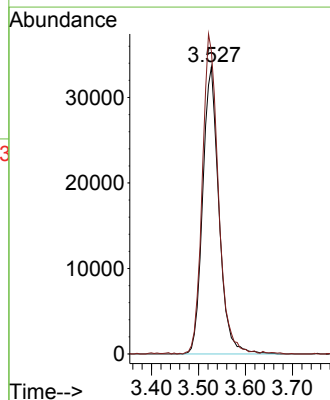
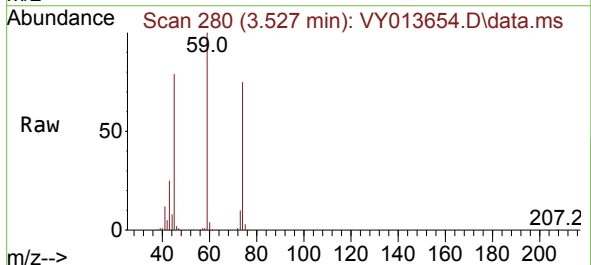
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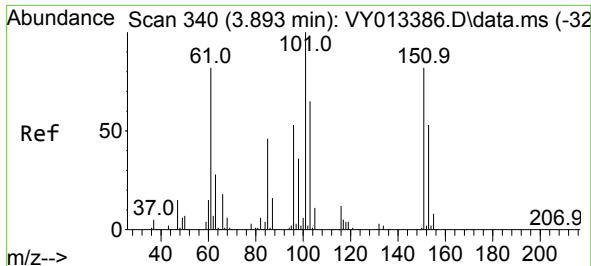
Tgt Ion:101 Resp: 219401
Ion Ratio Lower Upper
101 100
103 63.4 51.6 77.4



#8
Diethyl Ether
Concen: 59.920 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

Tgt Ion: 74 Resp: 80233
Ion Ratio Lower Upper
74 100
45 110.8 48.2 144.6

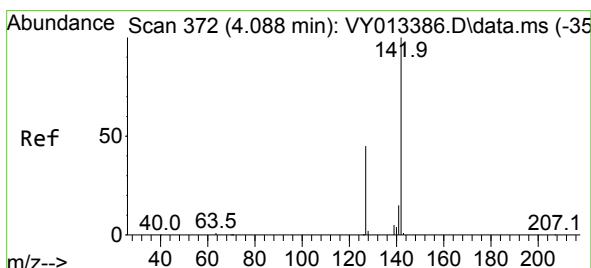
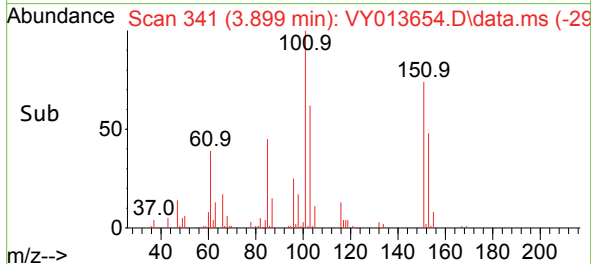
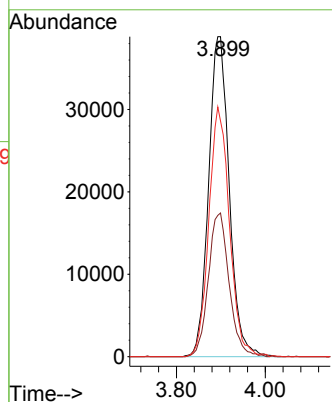
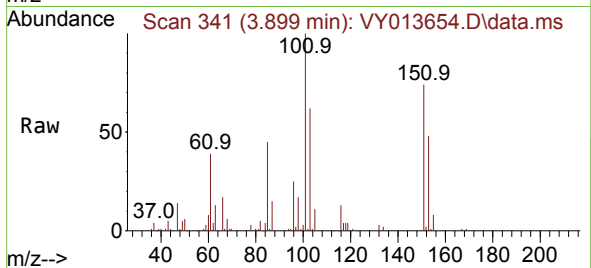




#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.779 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

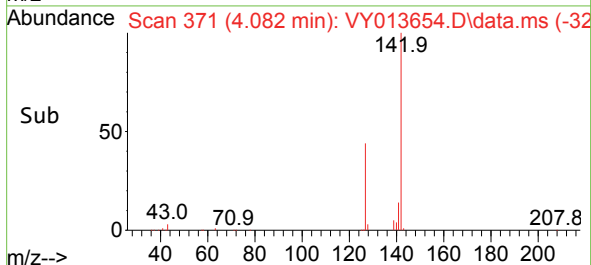
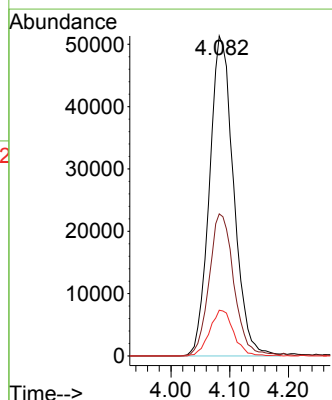
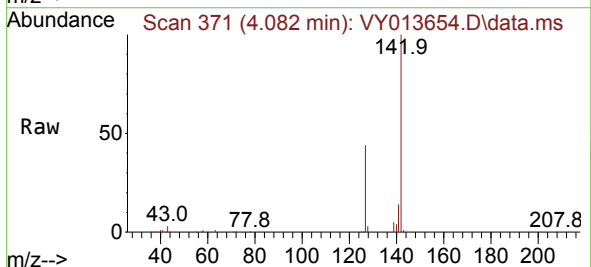
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

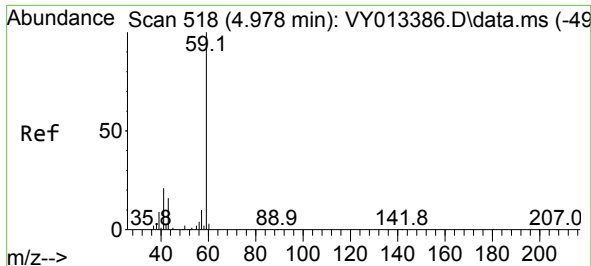
Tgt Ion:101 Resp: 125231
Ion Ratio Lower Upper
101 100
85 45.2 35.6 53.4
151 78.0 68.0 102.0



#10
Methyl Iodide
Concen: 52.841 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

Tgt Ion:142 Resp: 146378
Ion Ratio Lower Upper
142 100
127 45.6 36.1 54.1
141 14.2 11.6 17.4

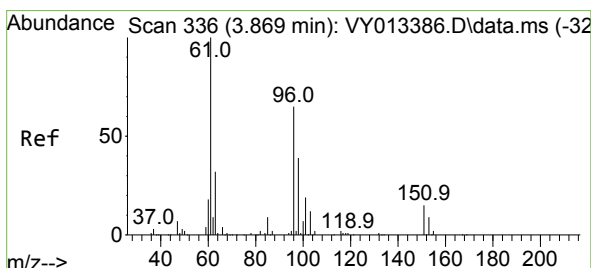
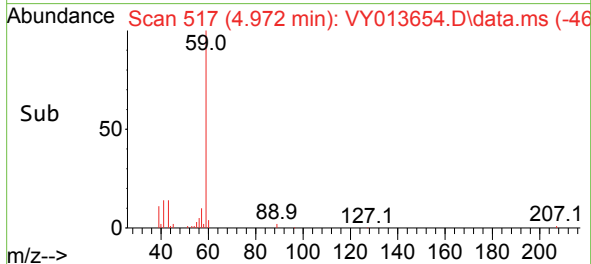
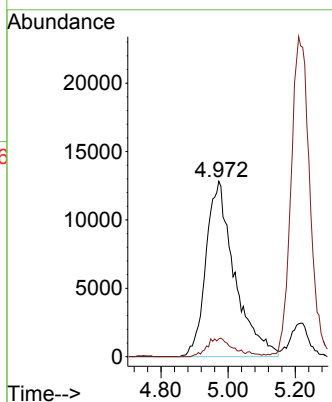
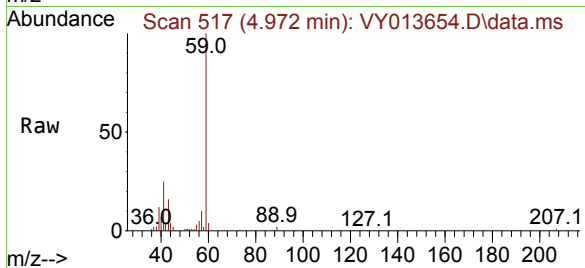




#11
Tert butyl alcohol
Concen: 300.643 ug/l
RT: 4.972 min Scan# 518
Delta R.T. -0.006 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

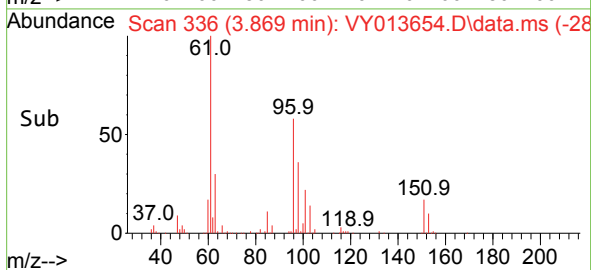
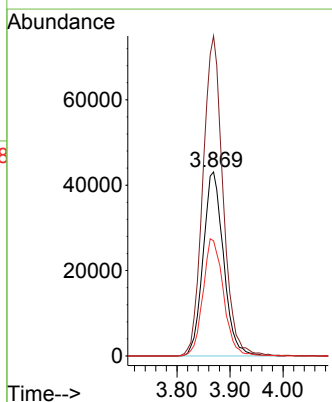
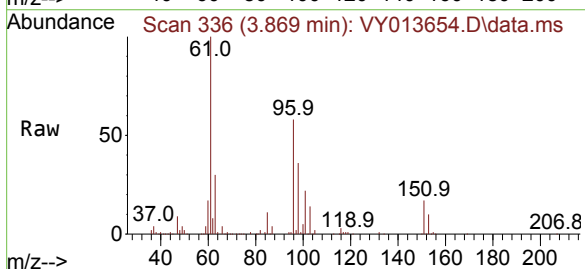
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

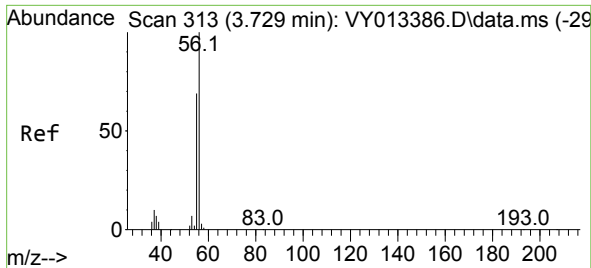
Tgt Ion: 59 Resp: 75970
Ion Ratio Lower Upper
59 100
57 9.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 54.279 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

Tgt Ion: 96 Resp: 115398
Ion Ratio Lower Upper
96 100
61 173.9 123.9 185.9
98 62.6 48.9 73.3

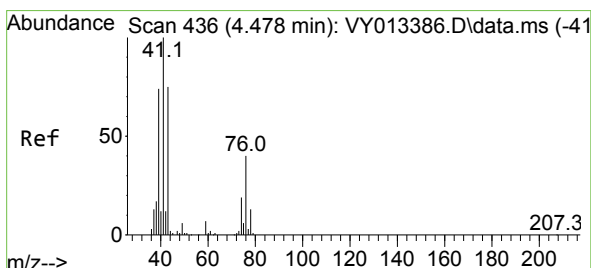
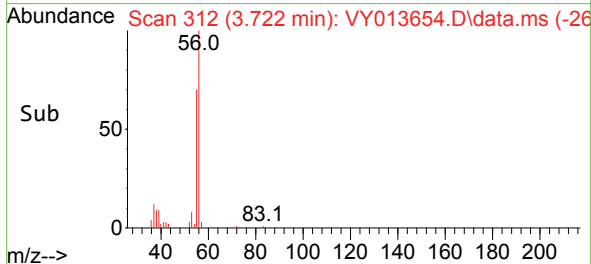
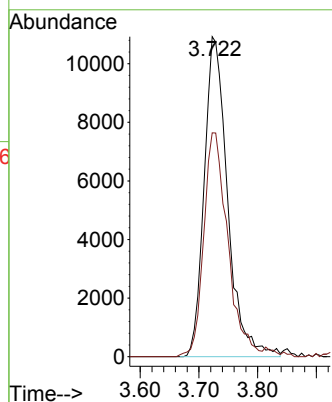
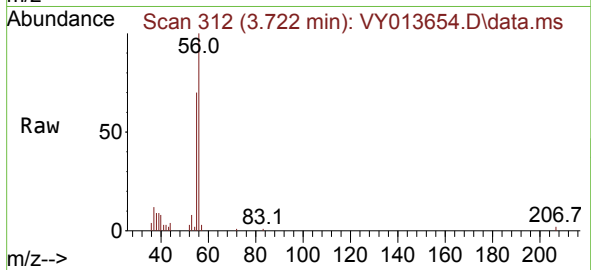




#13
Acrolein
Concen: 150.601 ug/l
RT: 3.722 min Scan# 313
Delta R.T. -0.007 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

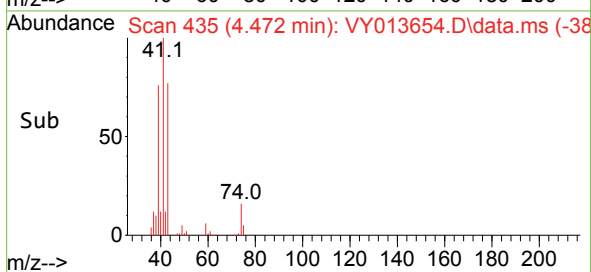
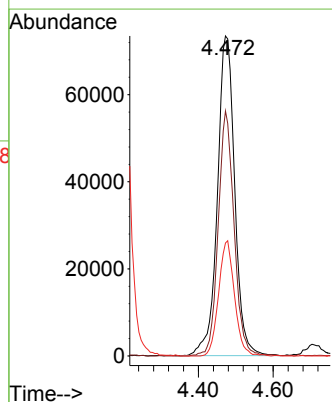
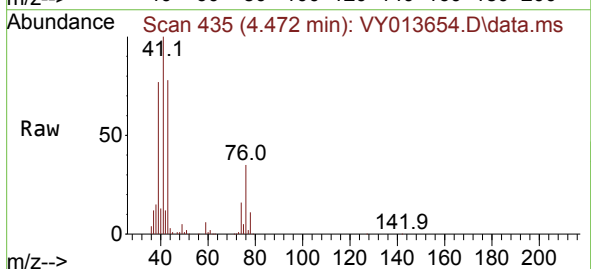
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

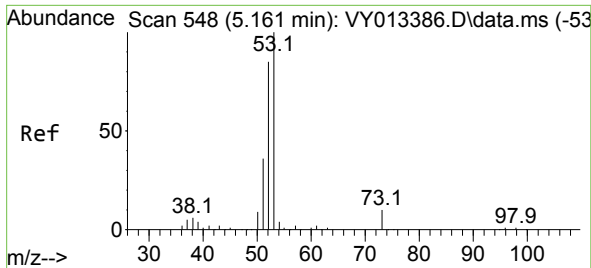
Tgt Ion: 56 Resp: 30198
Ion Ratio Lower Upper
56 100
55 71.8 54.1 81.1



#14
Allyl chloride
Concen: 59.961 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

Tgt Ion: 41 Resp: 236536
Ion Ratio Lower Upper
41 100
39 70.3 56.6 85.0
76 33.1 30.5 45.7

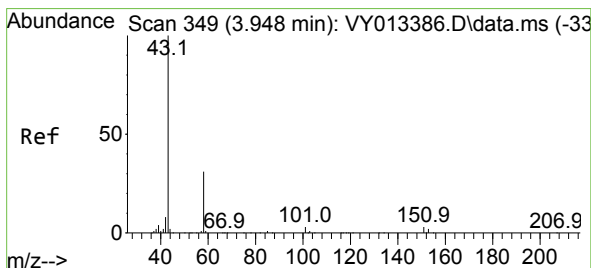
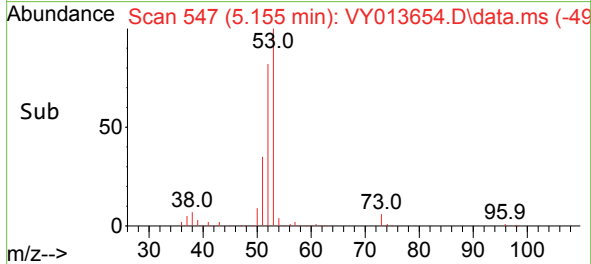
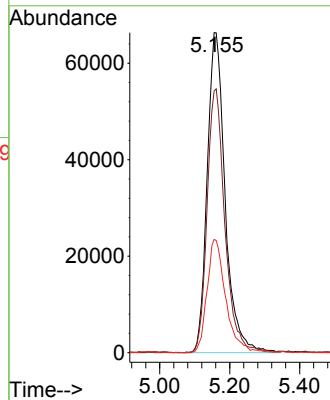
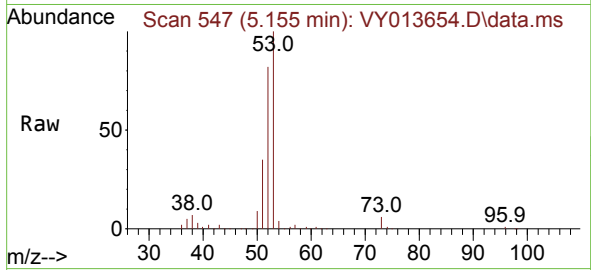




#15
Acrylonitrile
Concen: 315.407 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

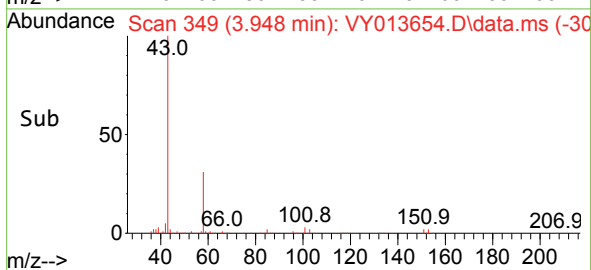
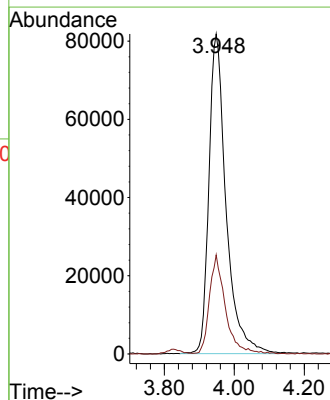
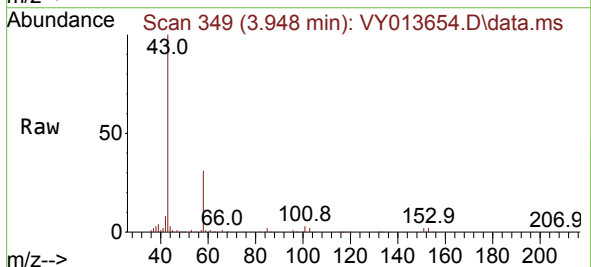
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

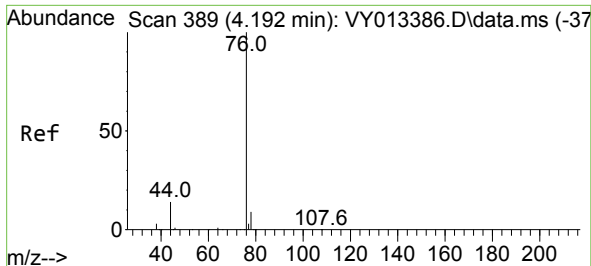
Tgt Ion: 53 Resp: 236522
Ion Ratio Lower Upper
53 100
52 81.8 65.4 98.0
51 36.9 29.3 43.9



#16
Acetone
Concen: 314.492 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

Tgt Ion: 43 Resp: 277733
Ion Ratio Lower Upper
43 100
58 30.8 25.4 38.0

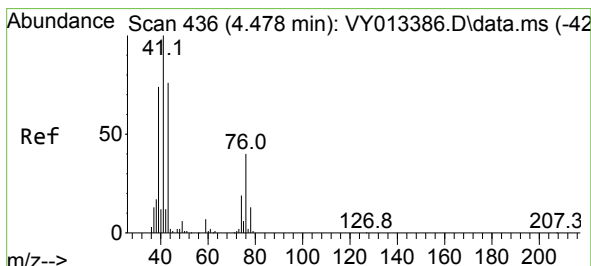
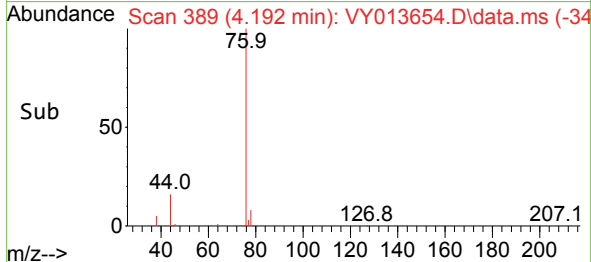
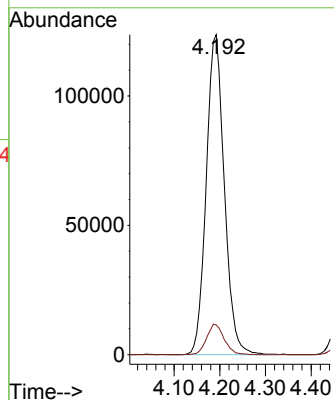
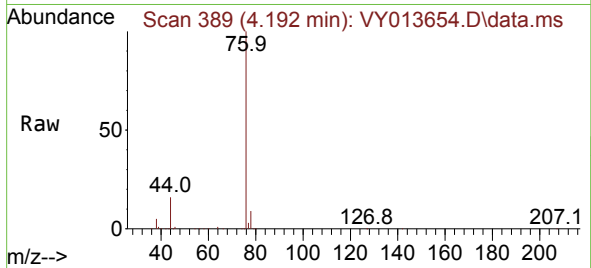




#17
Carbon Disulfide
Concen: 49.280 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

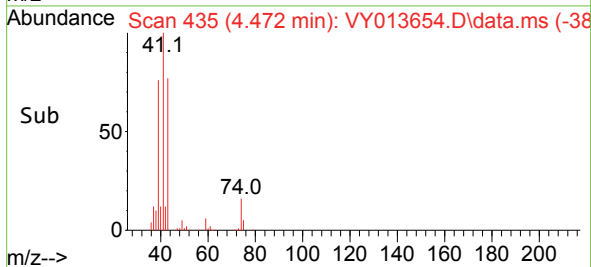
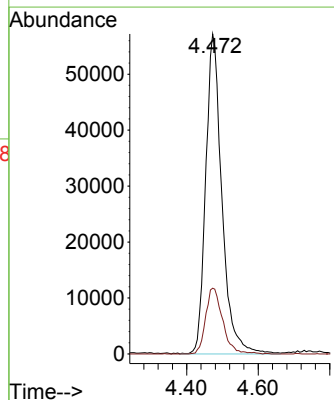
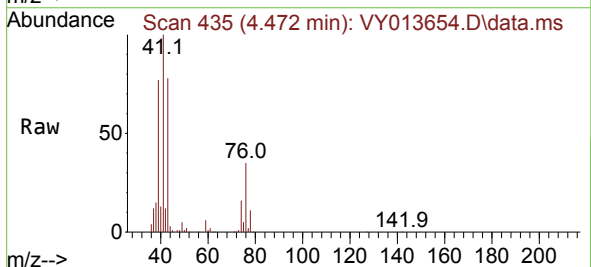
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

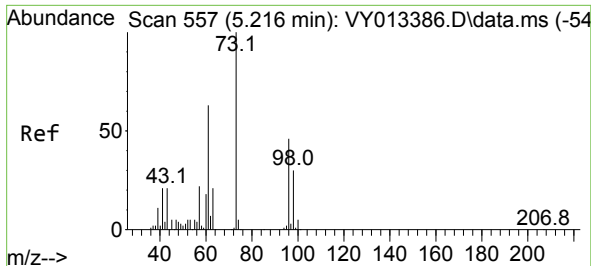
Tgt Ion: 76 Resp: 340330
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 61.700 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

Tgt Ion: 43 Resp: 179963
Ion Ratio Lower Upper
43 100
74 21.6 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 62.492 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY013654.D

Acq: 08 May 2023 17:45

Instrument :

MSVOA_Y

ClientSampleId :

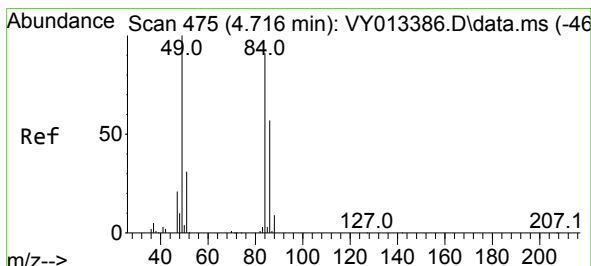
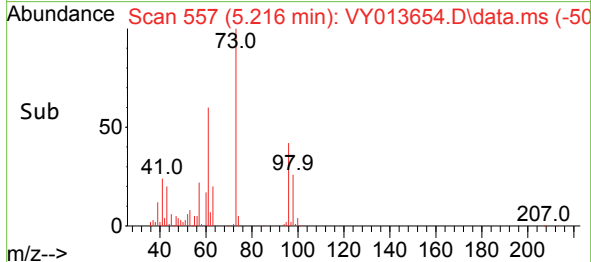
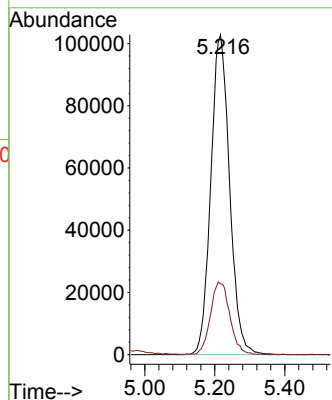
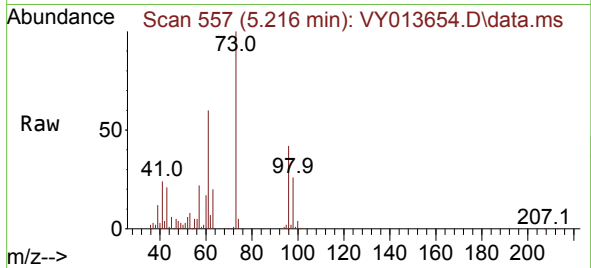
VSTDCCC050EC

Tgt Ion: 73 Resp: 383560

Ion Ratio Lower Upper

73 100

57 22.1 17.8 26.8



#20

Methylene Chloride

Concen: 62.059 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY013654.D

Acq: 08 May 2023 17:45

Tgt Ion: 84 Resp: 166294

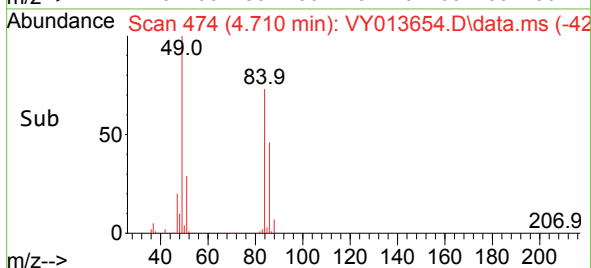
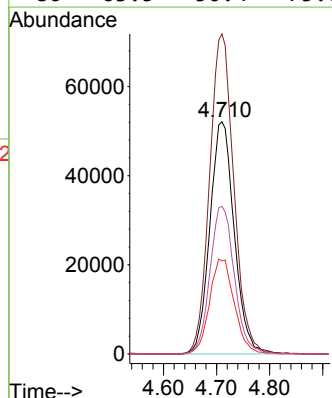
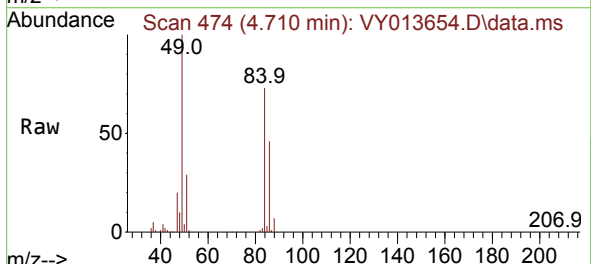
Ion Ratio Lower Upper

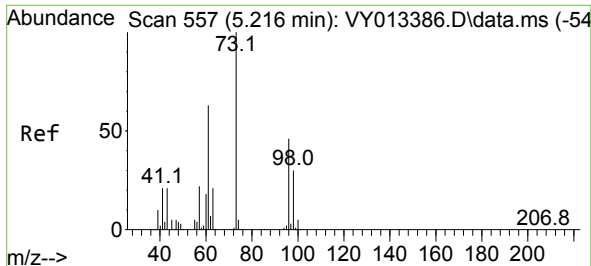
84 100

49 137.9 88.0 132.0#

51 40.0 27.4 41.0

86 63.5 50.4 75.6

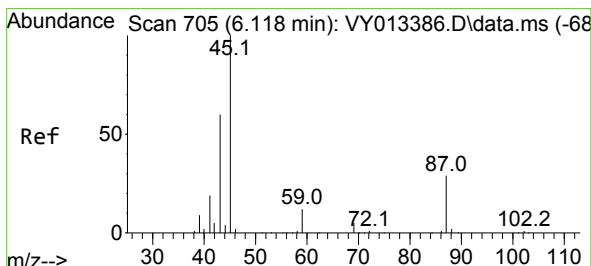
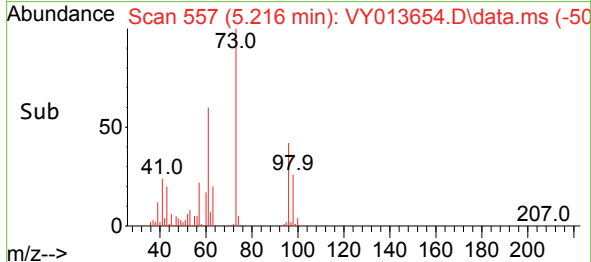
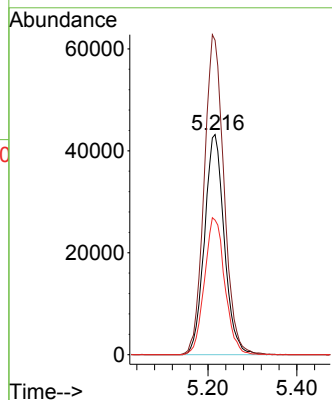
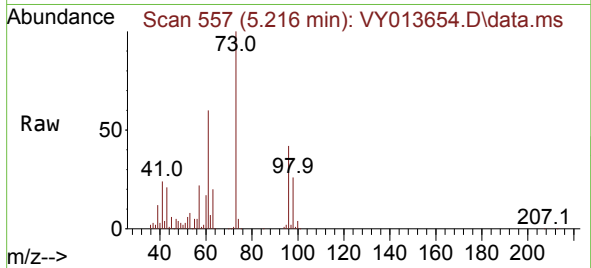




#21
trans-1,2-Dichloroethene
Concen: 57.584 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

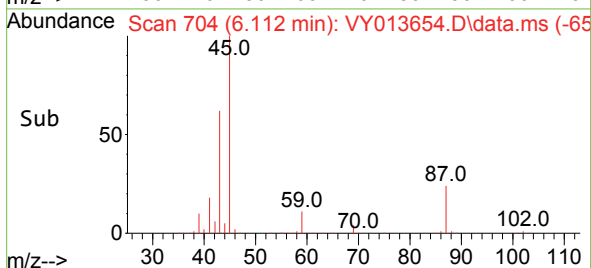
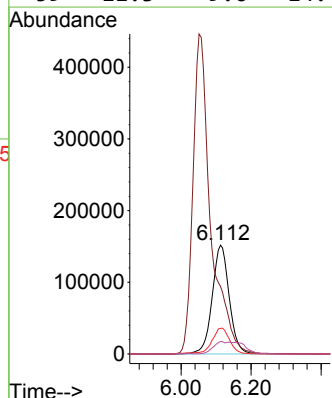
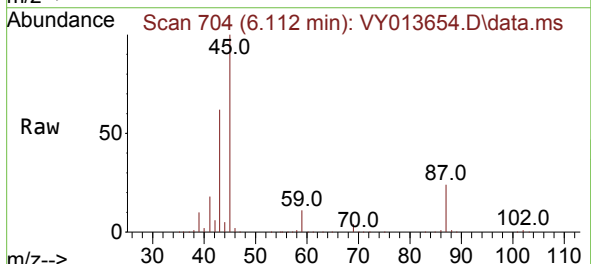
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

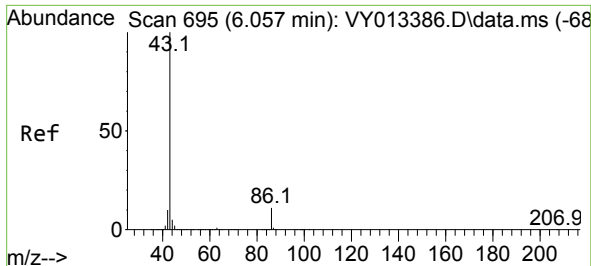
Tgt Ion: 96 Resp: 133857
Ion Ratio Lower Upper
96 100
61 142.8 110.6 165.8
98 61.1 53.1 79.7



#22
Diisopropyl ether
Concen: 66.353 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

Tgt Ion: 45 Resp: 511612
Ion Ratio Lower Upper
45 100
43 61.8 48.4 72.6
87 23.6 23.8 35.6#
59 11.3 9.6 14.4

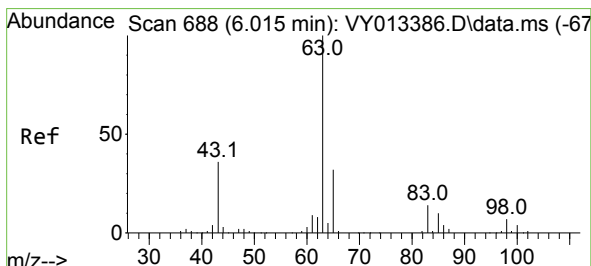
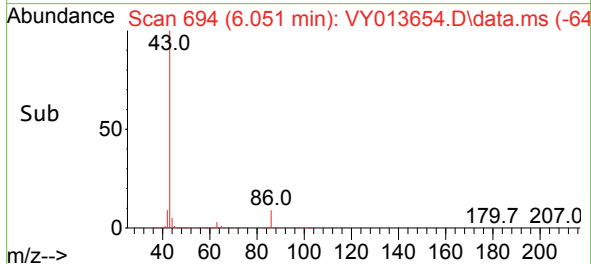
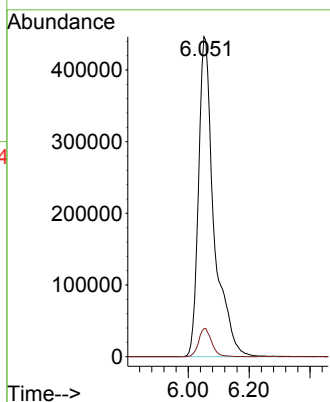
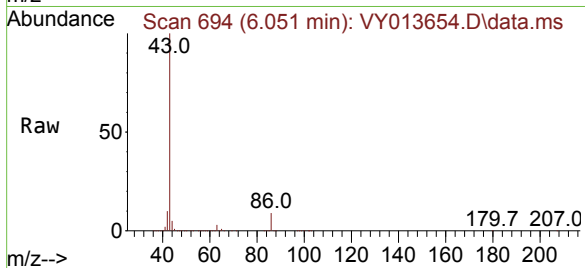




#23
 Vinyl Acetate
 Concen: 360.116 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY013654.D
 Acq: 08 May 2023 17:45

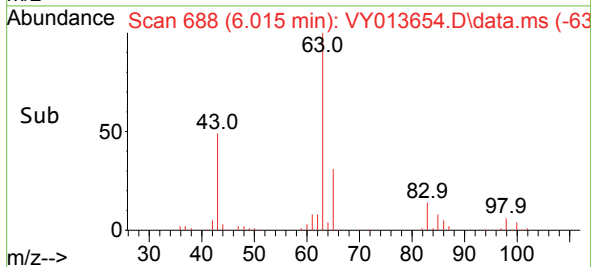
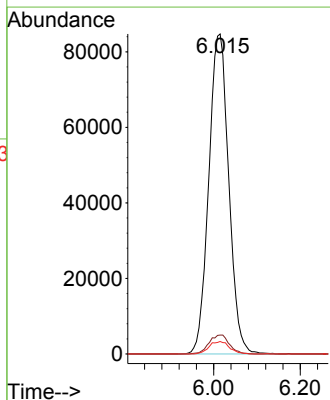
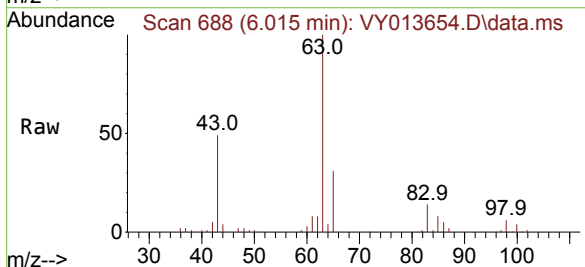
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

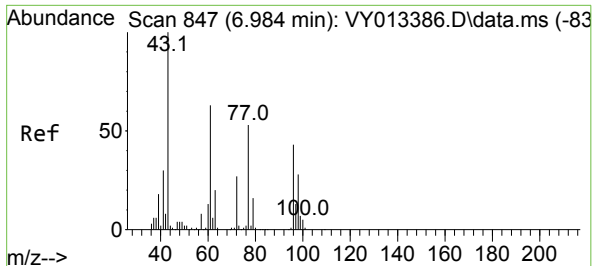
Tgt Ion: 43 Resp: 1572136
 Ion Ratio Lower Upper
 43 100
 86 8.8 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 63.193 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013654.D
 Acq: 08 May 2023 17:45

Tgt Ion: 63 Resp: 271561
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.5 10.6
 100 3.9 2.2 6.6





#25

2-Butanone

Concen: 318.543 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013654.D

Acq: 08 May 2023 17:45

Instrument :

MSVOA_Y

ClientSampleId :

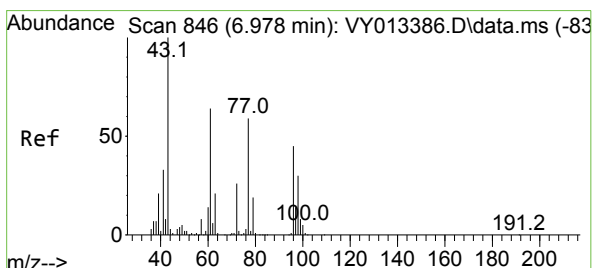
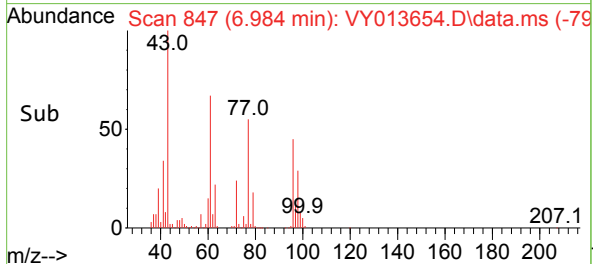
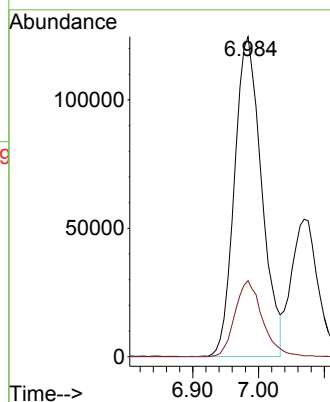
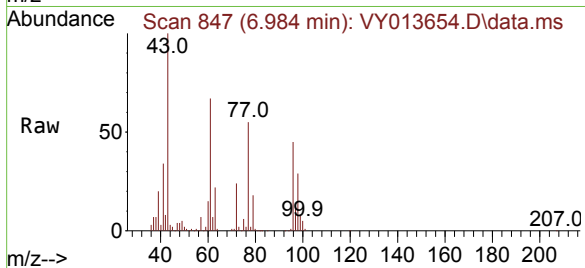
VSTDCCC050EC

Tgt Ion: 43 Resp: 356764

Ion Ratio Lower Upper

43 100

72 23.7 21.9 32.9



#26

2,2-Dichloropropane

Concen: 60.912 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY013654.D

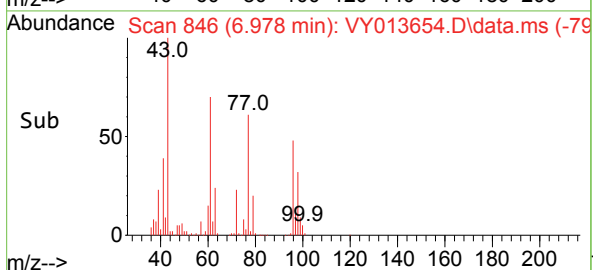
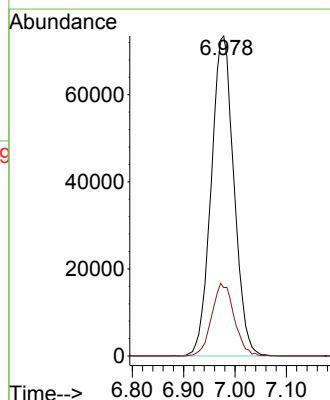
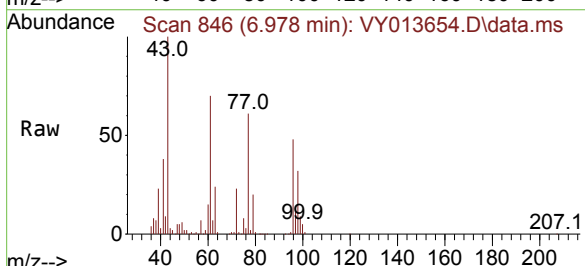
Acq: 08 May 2023 17:45

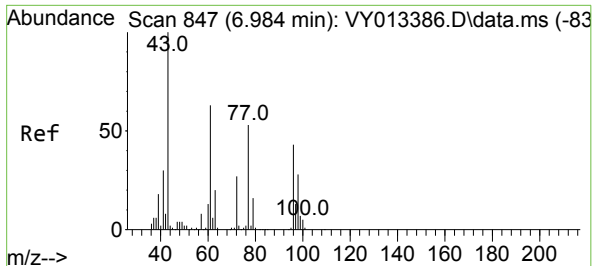
Tgt Ion: 77 Resp: 225557

Ion Ratio Lower Upper

77 100

97 22.5 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 61.817 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY013654.D

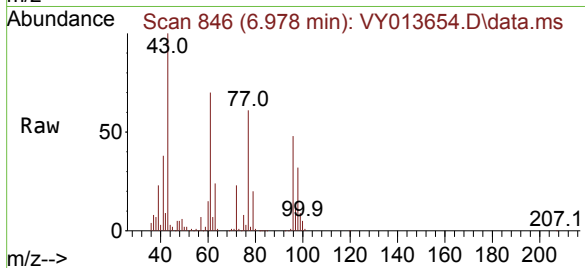
Acq: 08 May 2023 17:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



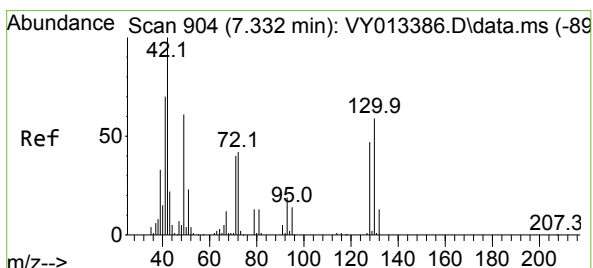
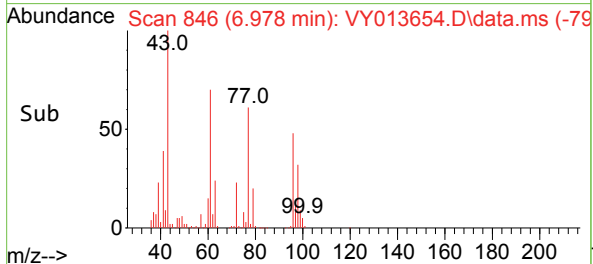
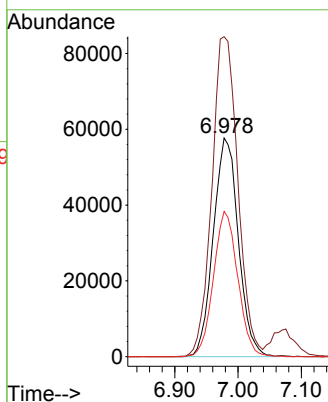
Tgt Ion: 96 Resp: 158767

Ion Ratio Lower Upper

96 100

61 151.8 0.0 285.0

98 64.5 0.0 130.6



#28

Bromochloromethane

Concen: 62.434 ug/l

RT: 7.325 min Scan# 903

Delta R.T. -0.007 min

Lab File: VY013654.D

Acq: 08 May 2023 17:45

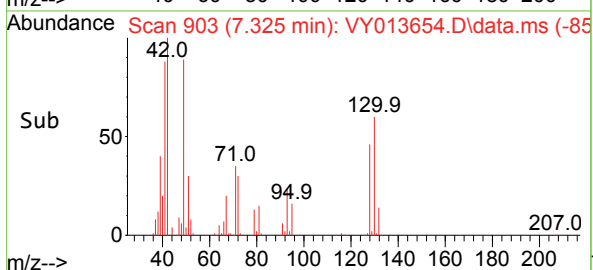
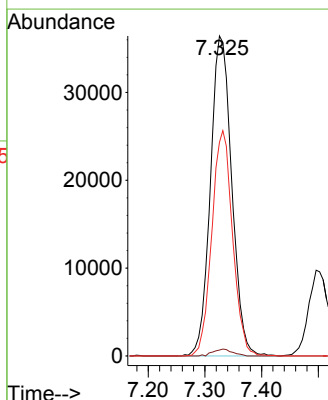
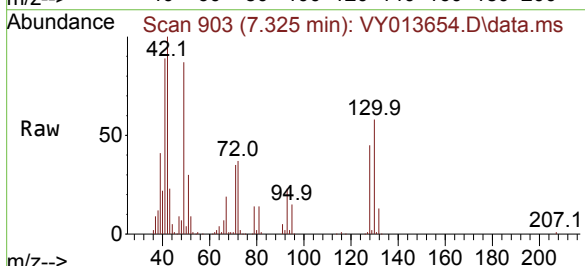
Tgt Ion: 49 Resp: 95208

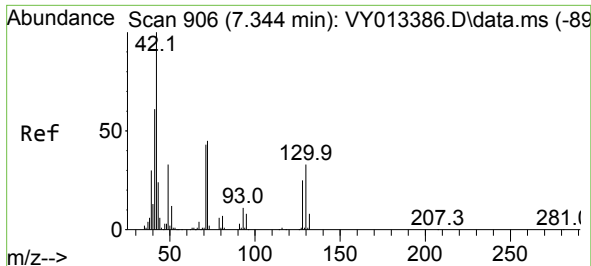
Ion Ratio Lower Upper

49 100

129 2.0 0.0 5.2

130 68.5 72.1 108.1#





#29

Tetrahydrofuran

Concen: 315.224 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY013654.D

Acq: 08 May 2023 17:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

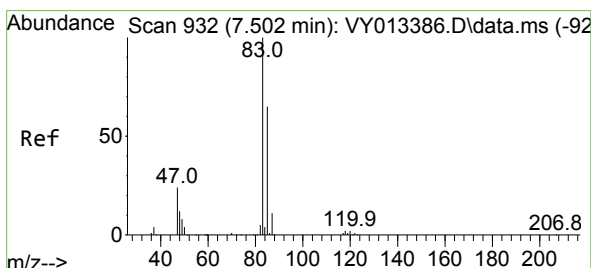
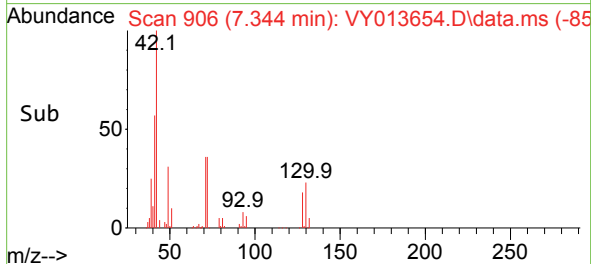
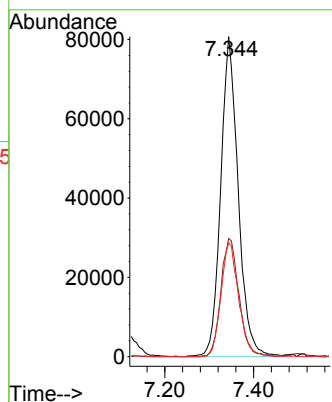
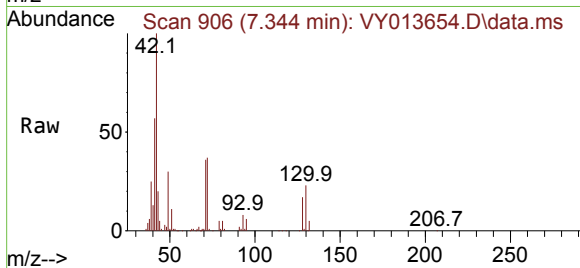
Tgt Ion: 42 Resp: 219764

Ion Ratio Lower Upper

42 100

72 38.1 35.9 53.9

71 36.1 34.3 51.5



#30

Chloroform

Concen: 63.628 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY013654.D

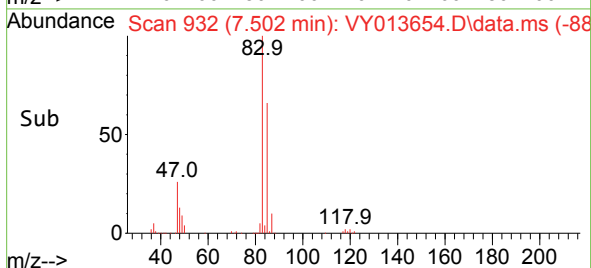
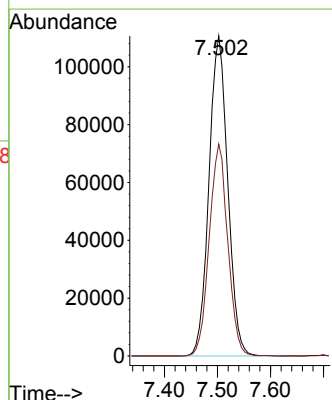
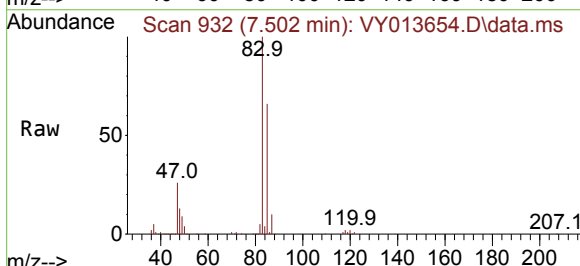
Acq: 08 May 2023 17:45

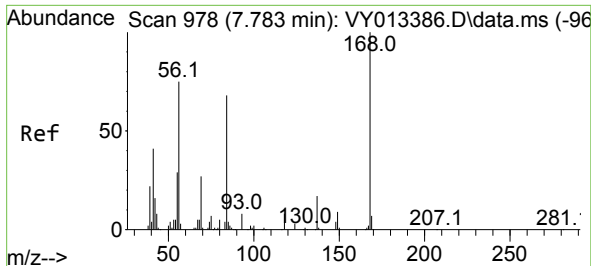
Tgt Ion: 83 Resp: 271859

Ion Ratio Lower Upper

83 100

85 66.3 52.0 78.0

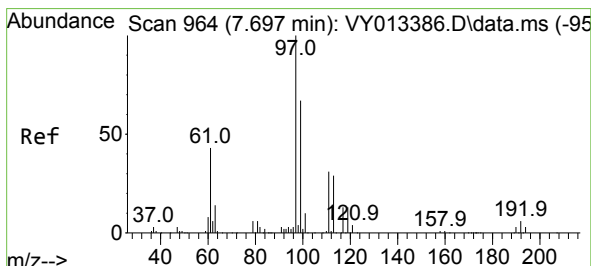
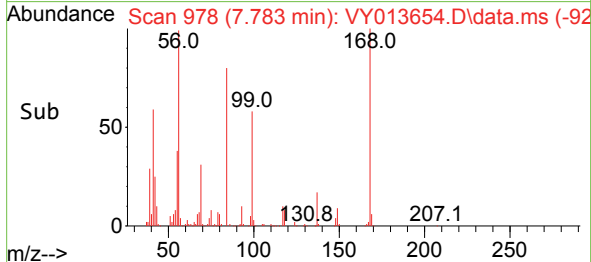
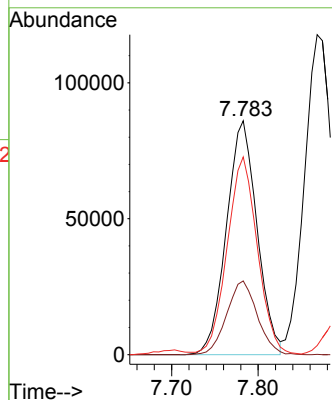
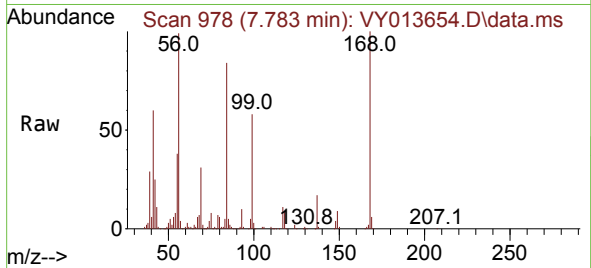




#31
Cyclohexane
Concen: 52.591 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

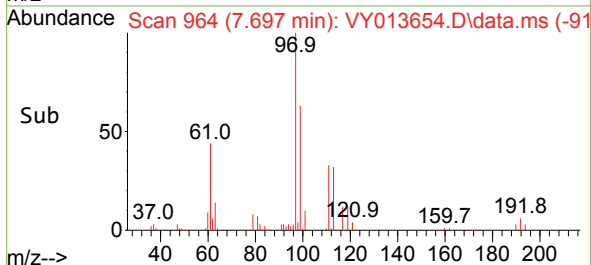
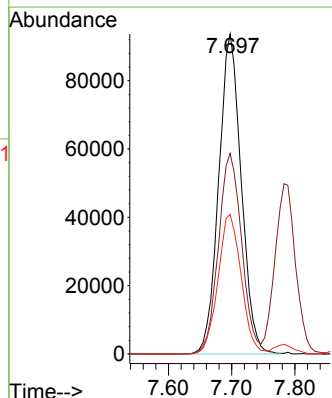
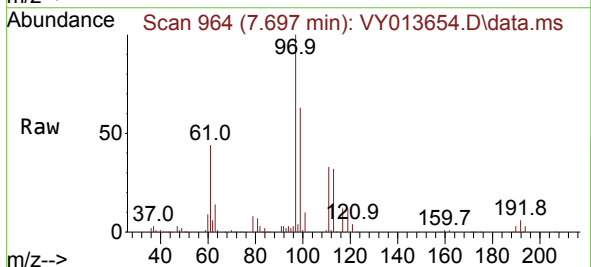
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

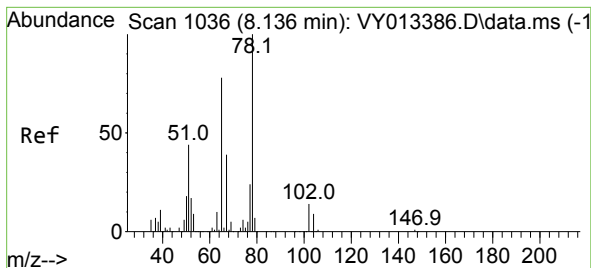
Tgt Ion: 56 Resp: 211152
Ion Ratio Lower Upper
56 100
69 31.6 29.2 43.8
84 83.1 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 60.543 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

Tgt Ion: 97 Resp: 230829
Ion Ratio Lower Upper
97 100
99 64.8 52.2 78.2
61 45.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 57.123 ug/l

RT: 8.136 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013654.D

Acq: 08 May 2023 17:45

Instrument :

MSVOA_Y

ClientSampleId :

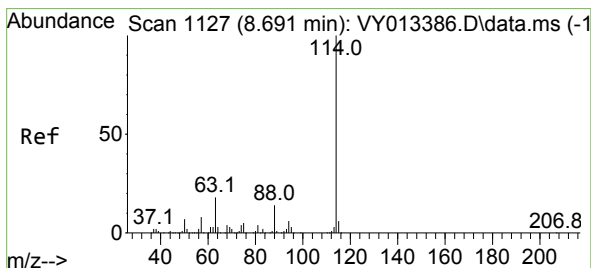
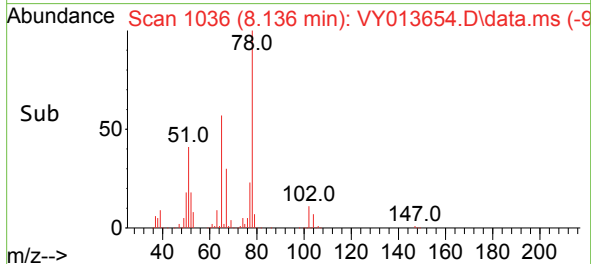
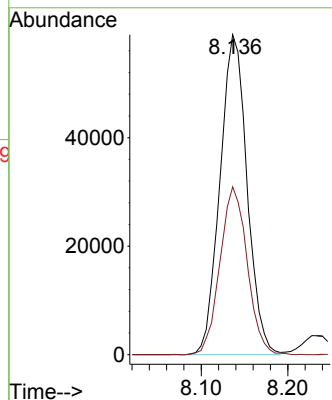
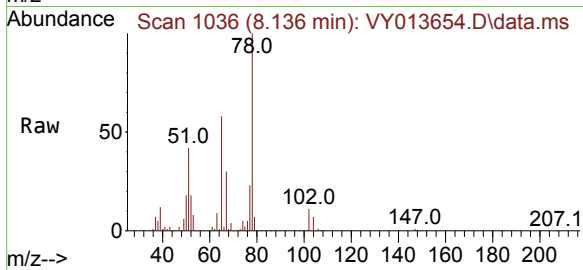
VSTDCCC050EC

Tgt Ion: 65 Resp: 128099

Ion Ratio Lower Upper

65 100

67 52.8 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013654.D

Acq: 08 May 2023 17:45

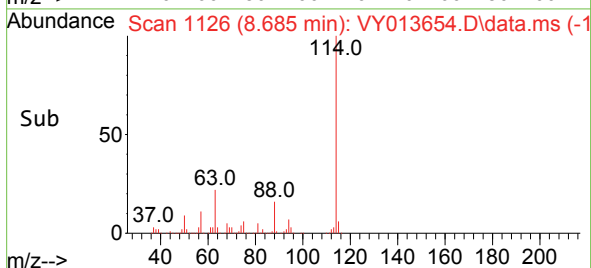
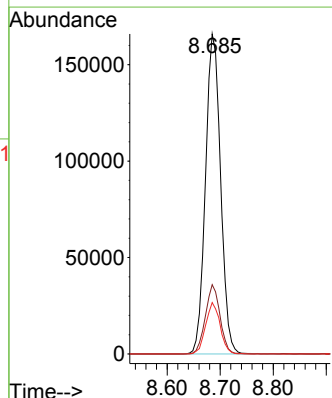
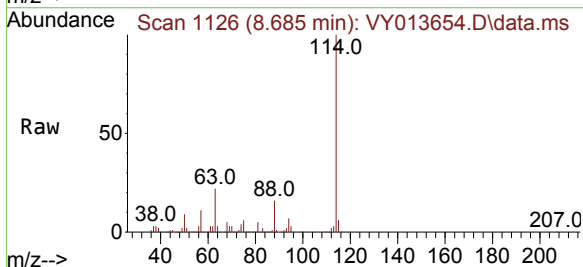
Tgt Ion: 114 Resp: 328596

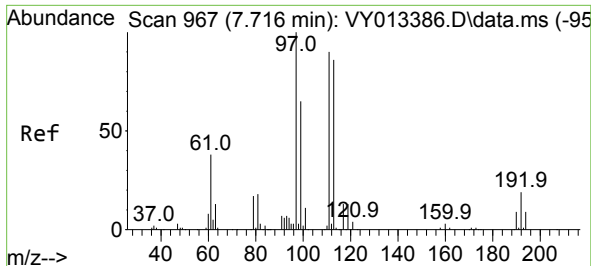
Ion Ratio Lower Upper

114 100

63 21.7 0.0 36.6

88 16.1 0.0 28.8

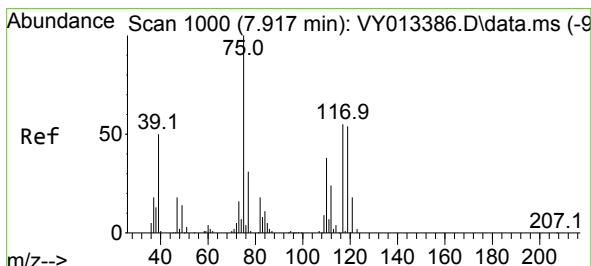
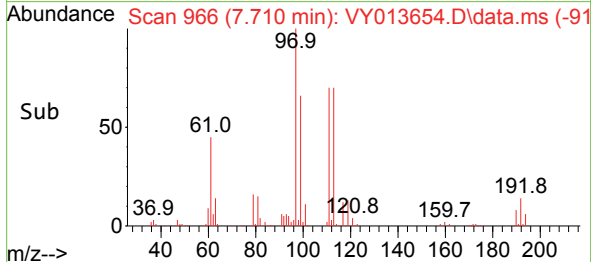
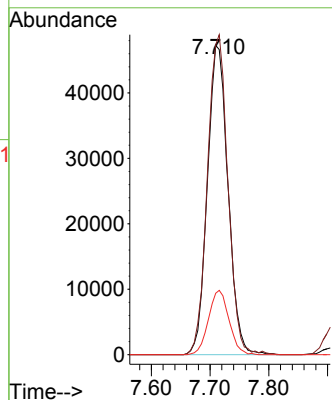
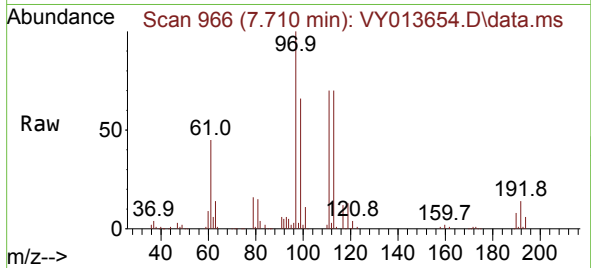




#35
Dibromofluoromethane
Concen: 55.822 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

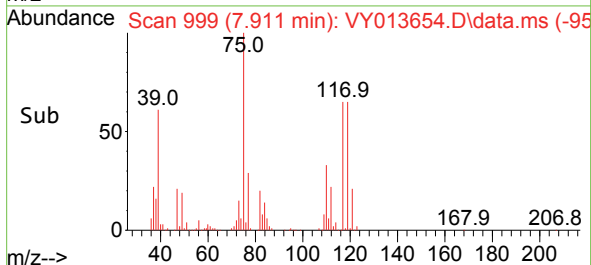
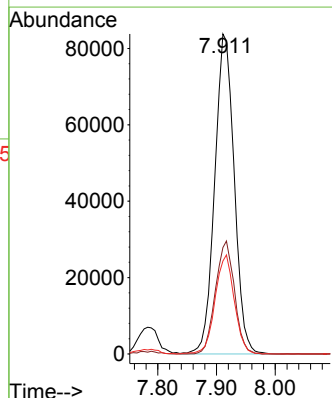
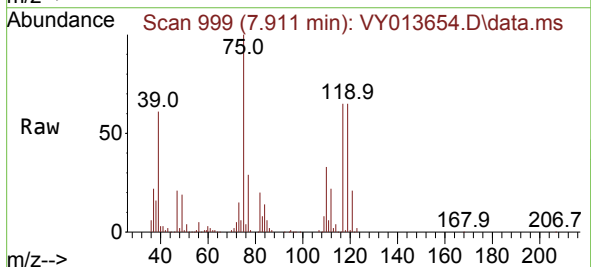
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

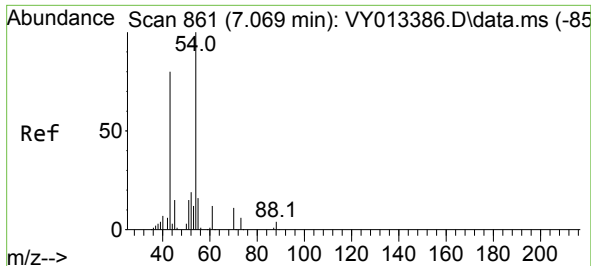
Tgt Ion:113 Resp: 115368
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 20.7 16.7 25.1



#36
1,1-Dichloropropene
Concen: 56.392 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

Tgt Ion: 75 Resp: 193425
Ion Ratio Lower Upper
75 100
110 34.3 18.7 56.1
77 30.5 24.6 37.0





#37

Ethyl Acetate

Concen: 59.975 ug/l

RT: 7.069 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY013654.D

Acq: 08 May 2023 17:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

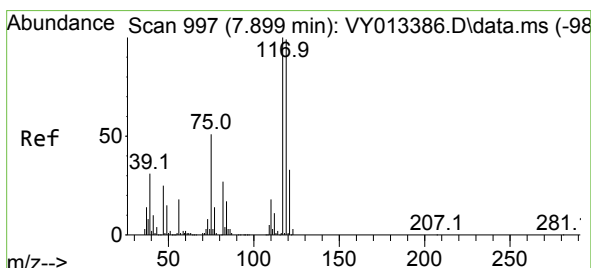
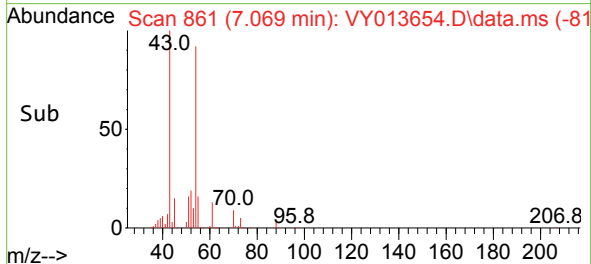
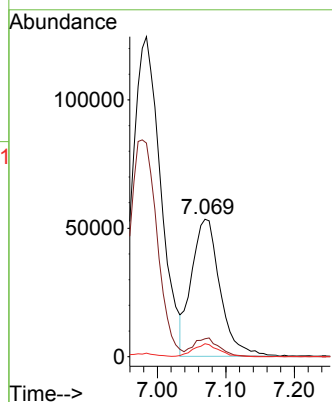
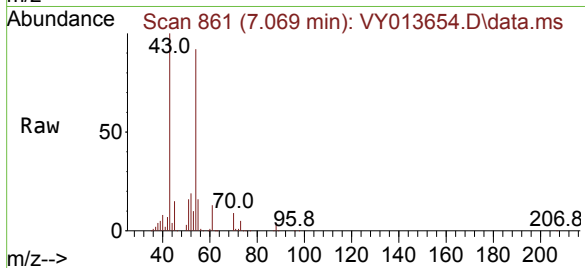
Tgt Ion: 43 Resp: 154807

Ion Ratio Lower Upper

43 100

61 12.1 11.4 17.0

70 8.4 7.9 11.9



#38

Carbon Tetrachloride

Concen: 56.838 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY013654.D

Acq: 08 May 2023 17:45

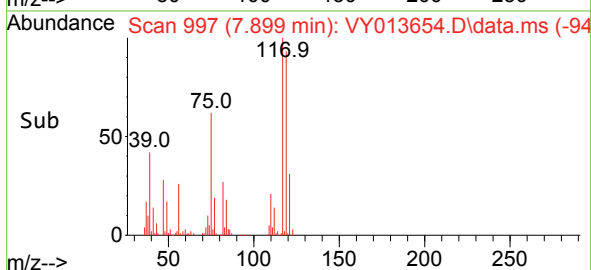
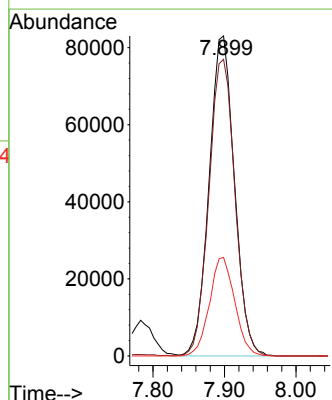
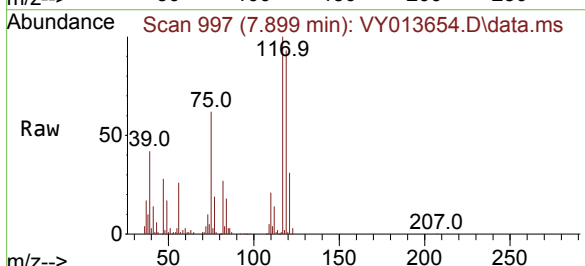
Tgt Ion: 117 Resp: 204334

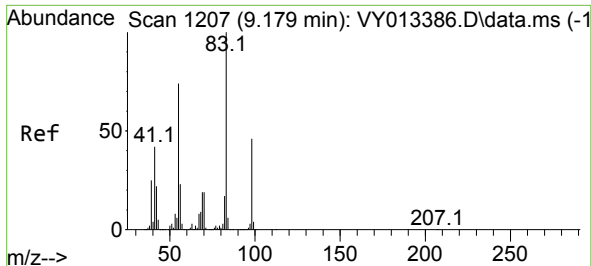
Ion Ratio Lower Upper

117 100

119 92.7 79.0 118.6

121 30.8 26.6 40.0





#39

Methylcyclohexane

Concen: 53.211 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013654.D

Acq: 08 May 2023 17:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

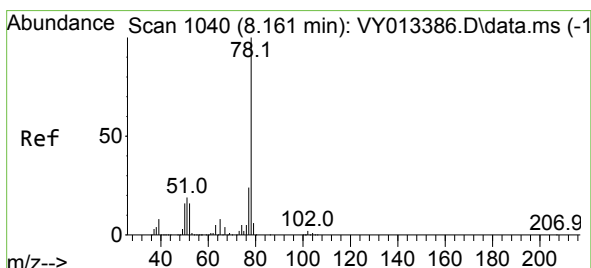
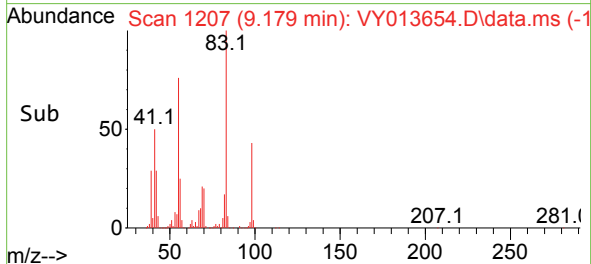
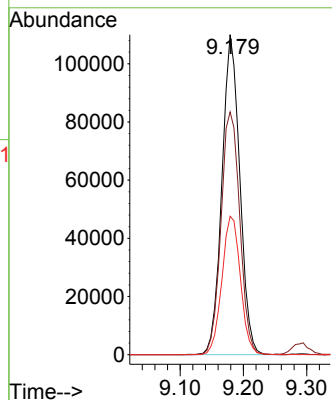
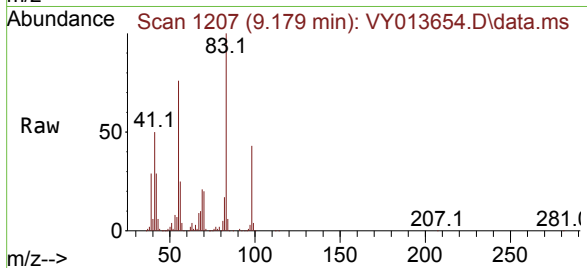
Tgt Ion: 83 Resp: 215166

Ion Ratio Lower Upper

83 100

55 75.9 59.0 88.4

98 43.3 37.0 55.4



#40

Benzene

Concen: 59.216 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY013654.D

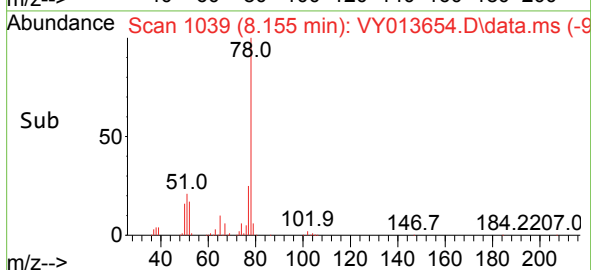
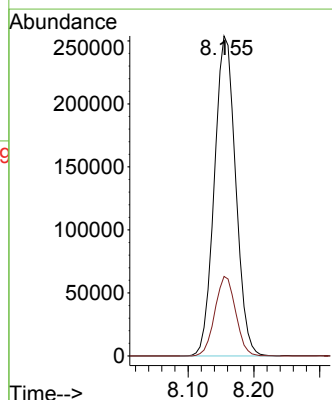
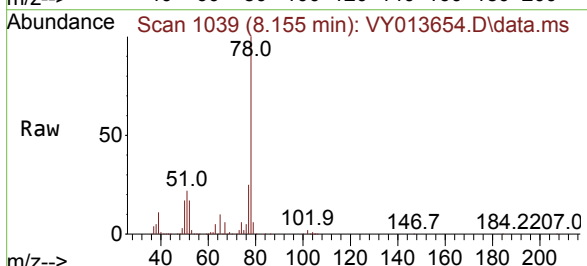
Acq: 08 May 2023 17:45

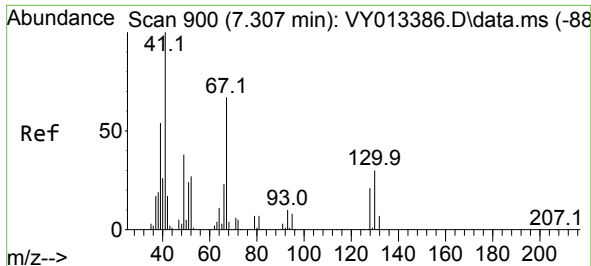
Tgt Ion: 78 Resp: 572140

Ion Ratio Lower Upper

78 100

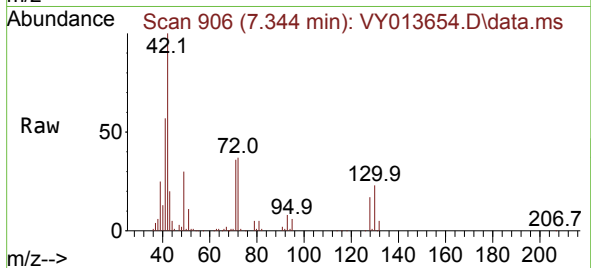
77 24.9 19.2 28.8



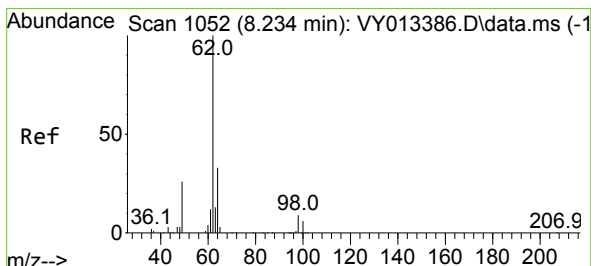
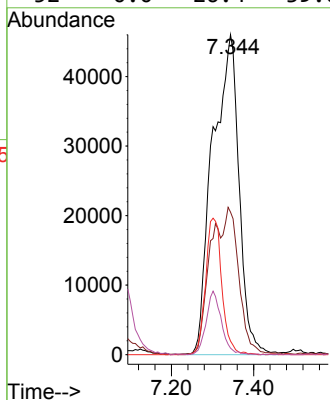
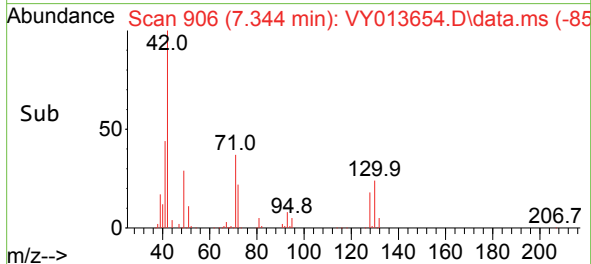


#41
Methacrylonitrile
Concen: 169.980 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

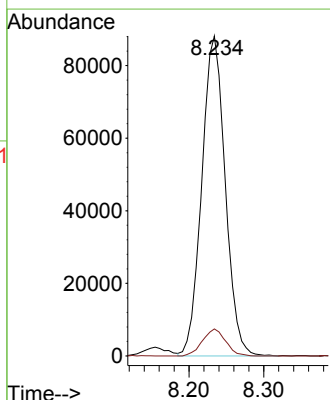
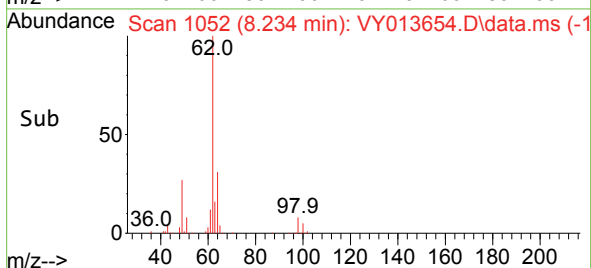
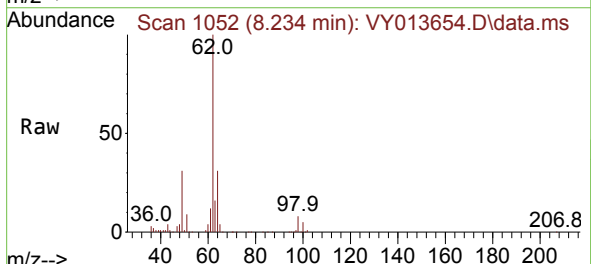


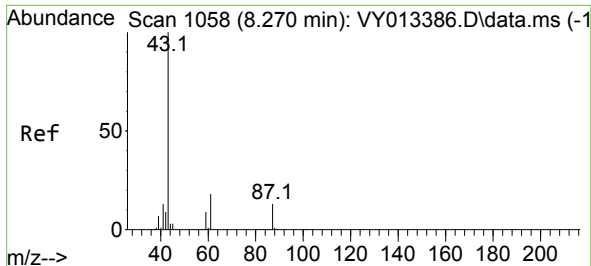
Tgt Ion: 41 Resp: 204455
Ion Ratio Lower Upper
41 100
39 0.0 44.2 66.4#
67 0.0 62.9 94.3#
52 0.0 26.4 39.6#



#42
1,2-Dichloroethane
Concen: 60.945 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

Tgt Ion: 62 Resp: 192514
Ion Ratio Lower Upper
62 100
98 8.3 0.0 17.8

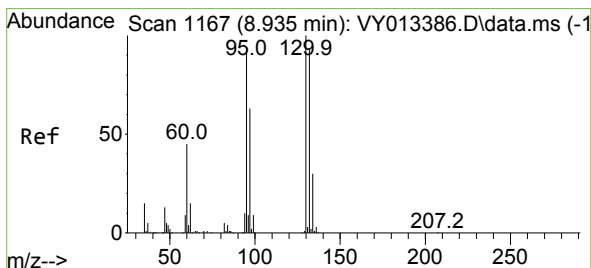
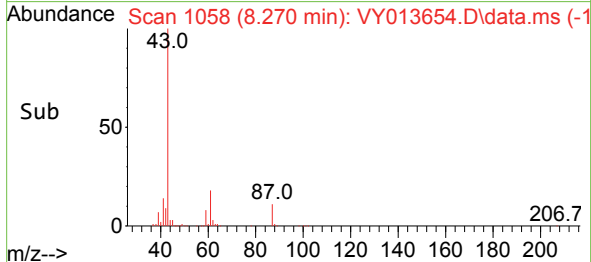
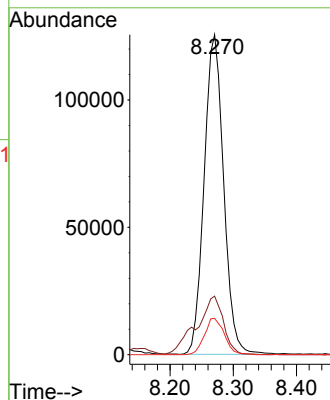
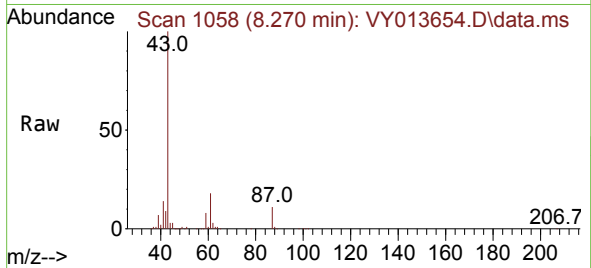




#43
Isopropyl Acetate
Concen: 61.832 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

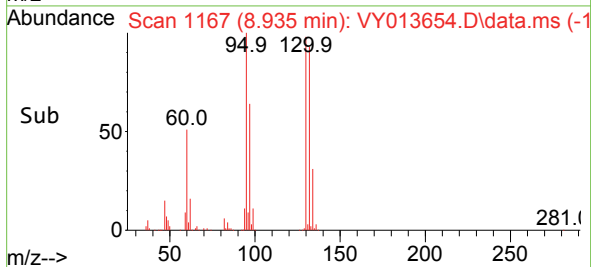
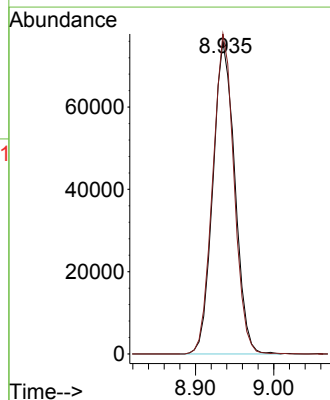
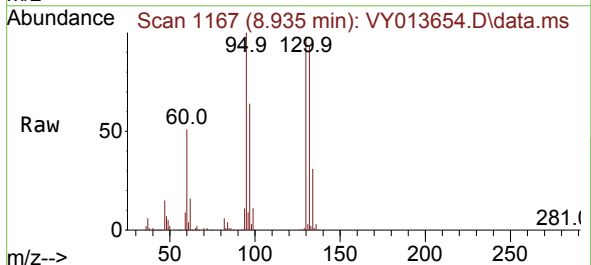
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

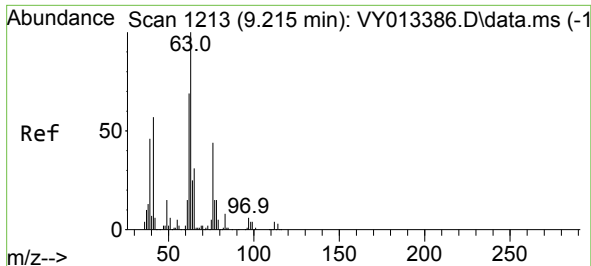
Tgt Ion: 43 Resp: 269391
Ion Ratio Lower Upper
43 100
61 25.4 22.2 33.4
87 11.6 11.0 16.6



#44
Trichloroethene
Concen: 57.388 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

Tgt Ion:130 Resp: 147492
Ion Ratio Lower Upper
130 100
95 102.3 0.0 188.8





#45

1,2-Dichloropropane

Concen: 62.515 ug/l

RT: 9.215 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013654.D

Acq: 08 May 2023 17:45

Instrument :

MSVOA_Y

ClientSampleId :

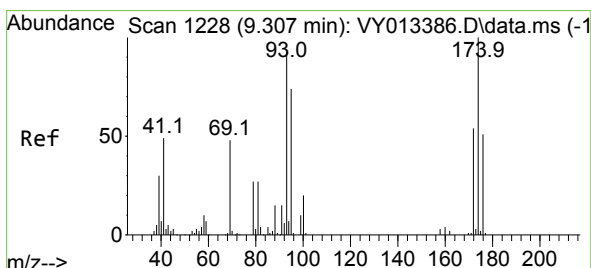
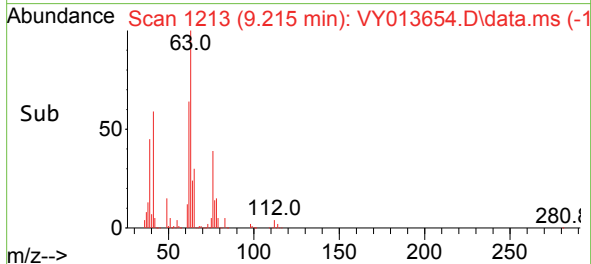
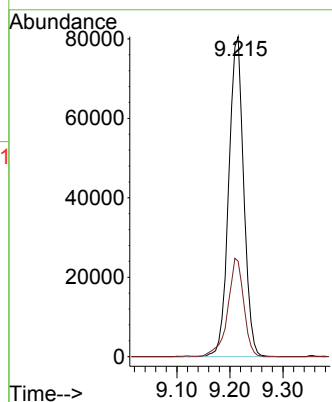
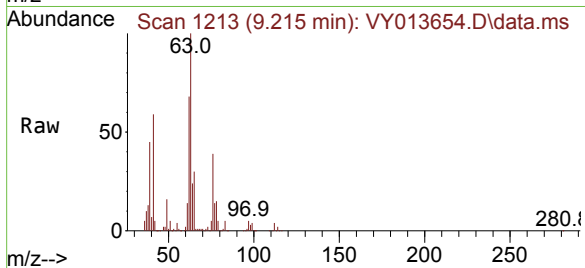
VSTDCCC050EC

Tgt Ion: 63 Resp: 157929

Ion Ratio Lower Upper

63 100

65 29.8 24.6 37.0



#46

Dibromomethane

Concen: 60.214 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY013654.D

Acq: 08 May 2023 17:45

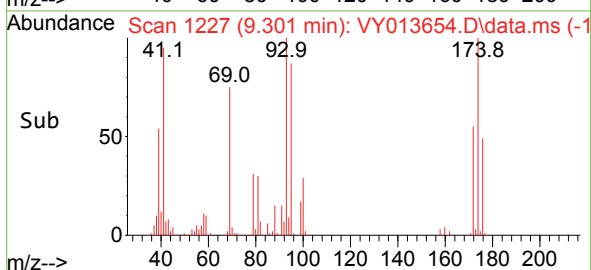
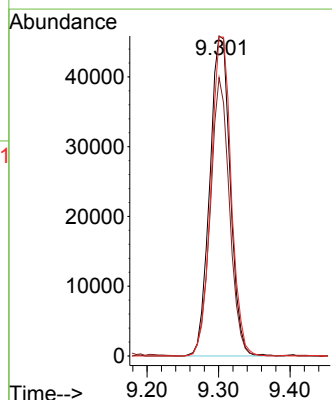
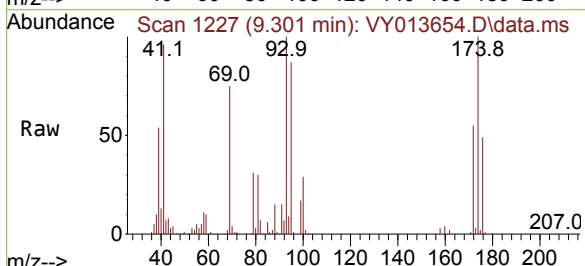
Tgt Ion: 93 Resp: 91017

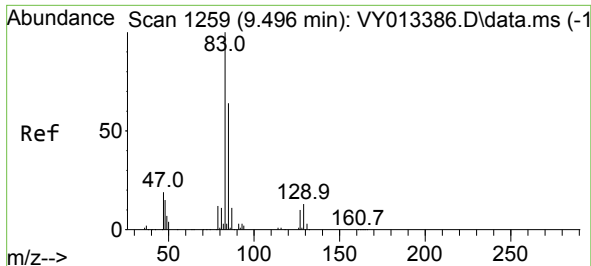
Ion Ratio Lower Upper

93 100

95 81.2 67.1 100.7

174 98.1 87.0 130.4

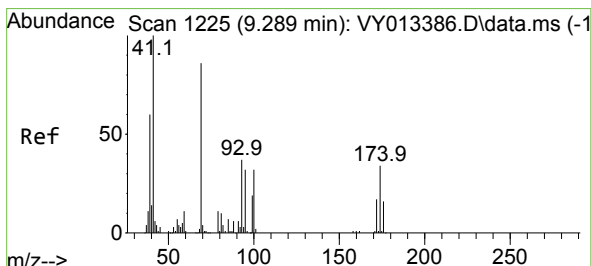
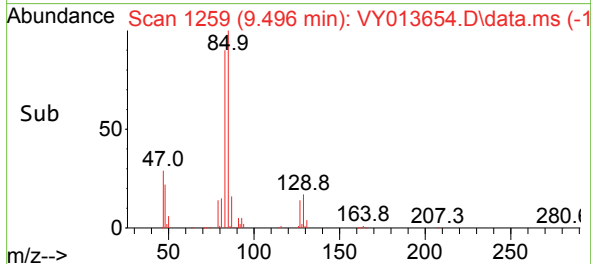
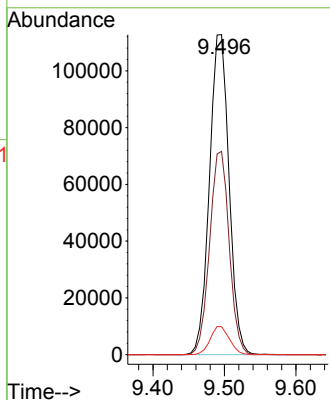
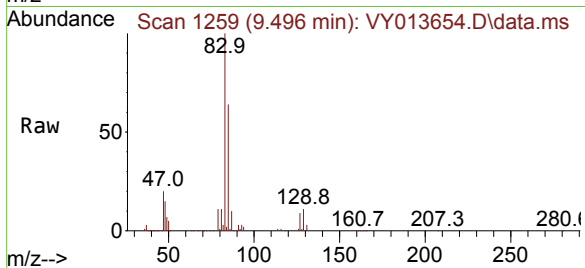




#47
Bromodichloromethane
Concen: 63.363 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

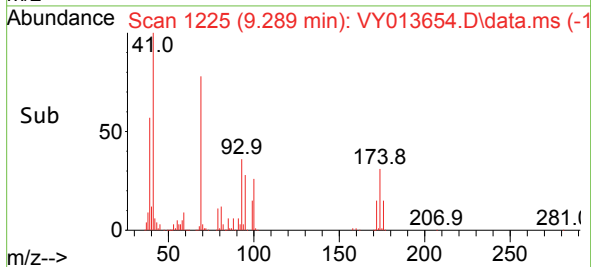
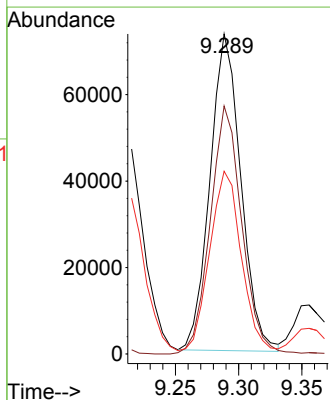
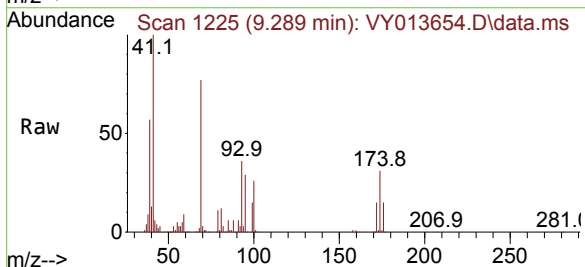
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

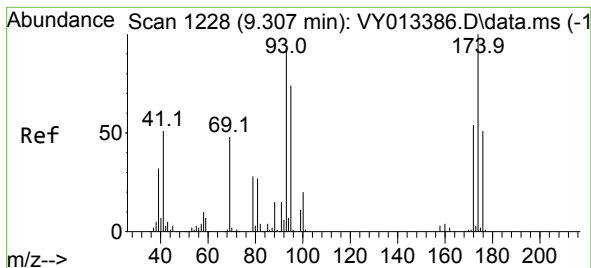
Tgt Ion: 83 Resp: 214313
Ion Ratio Lower Upper
83 100
85 63.6 51.4 77.2
127 8.7 8.1 12.1



#48
Methyl methacrylate
Concen: 62.191 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

Tgt Ion: 41 Resp: 124439
Ion Ratio Lower Upper
41 100
69 80.2 70.2 105.4
39 59.9 47.9 71.9





#49

1,4-Dioxane

Concen: 1175.925 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY013654.D

Acq: 08 May 2023 17:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

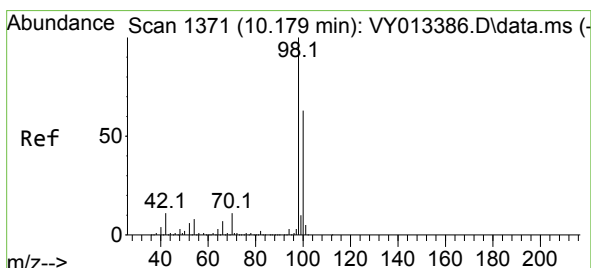
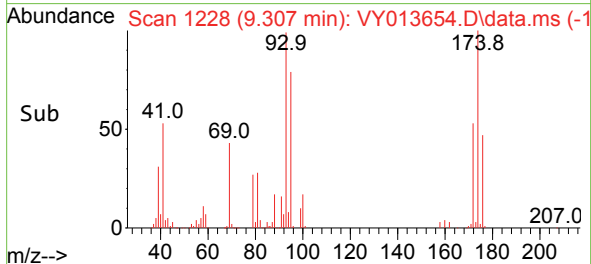
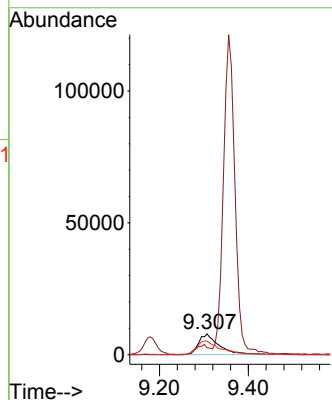
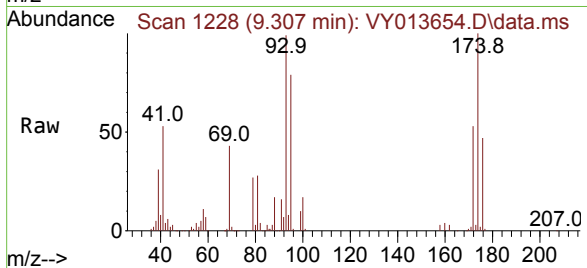
Tgt Ion: 88 Resp: 25386

Ion Ratio Lower Upper

88 100

43 32.0 16.8 25.2#

58 76.6 54.3 81.5



#50

Toluene-d8

Concen: 51.944 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013654.D

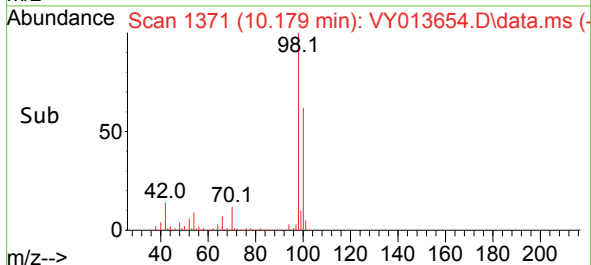
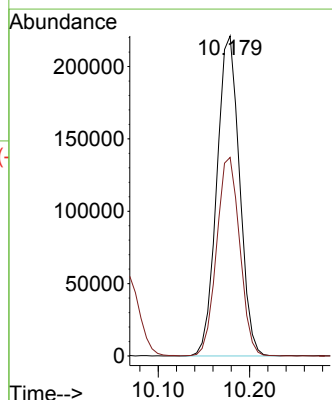
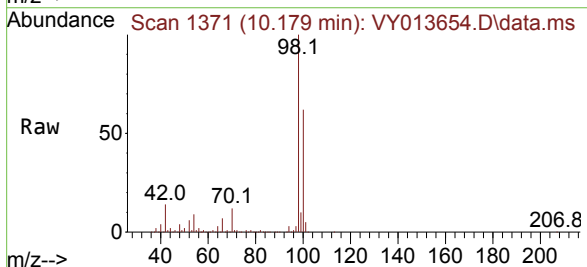
Acq: 08 May 2023 17:45

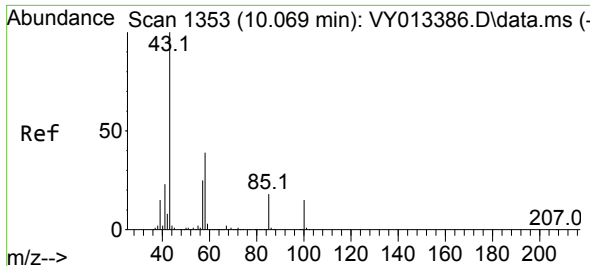
Tgt Ion: 98 Resp: 381900

Ion Ratio Lower Upper

98 100

100 63.2 50.5 75.7

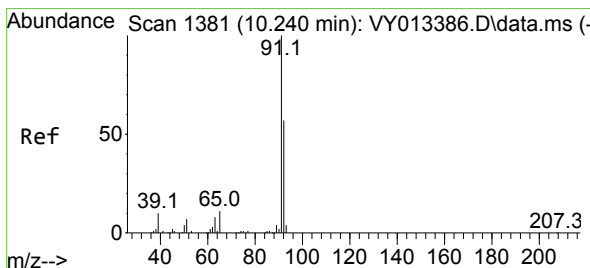
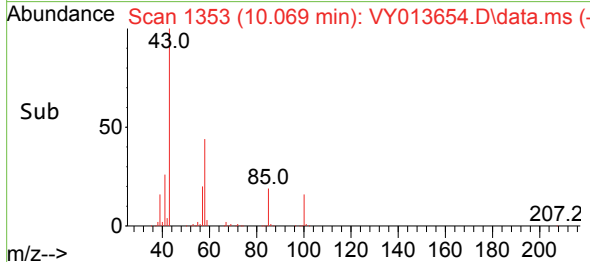
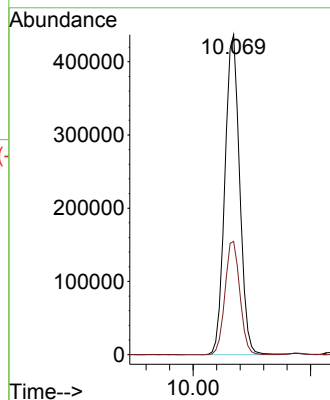
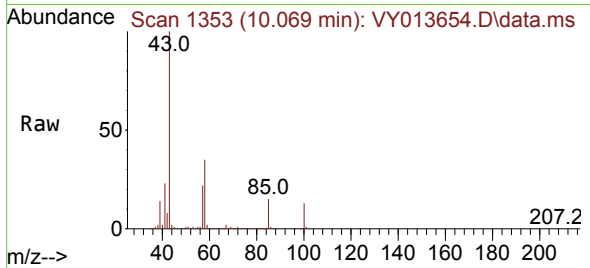




#51
4-Methyl-2-Pentanone
Concen: 313.906 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

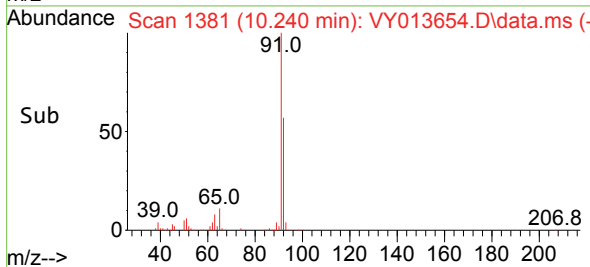
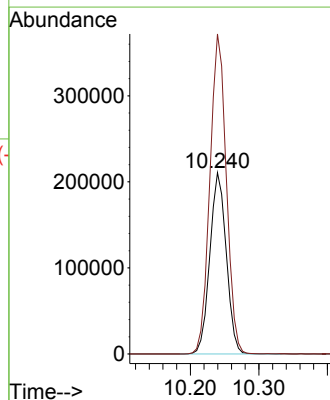
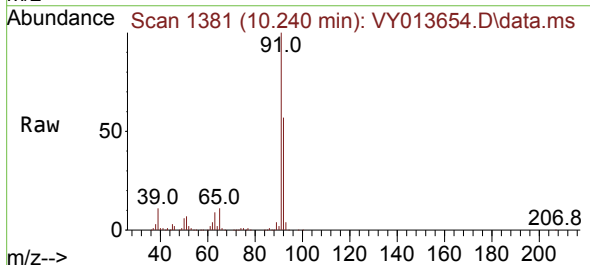
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

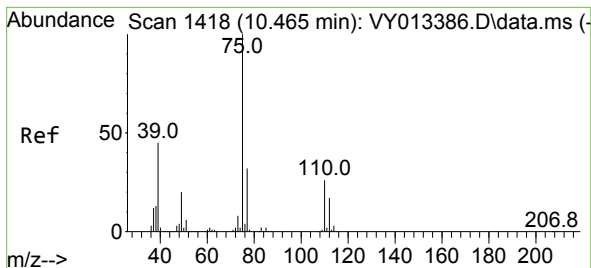
Tgt Ion: 43 Resp: 762101
Ion Ratio Lower Upper
43 100
58 35.7 30.6 46.0



#52
Toluene
Concen: 60.251 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

Tgt Ion: 92 Resp: 350317
Ion Ratio Lower Upper
92 100
91 176.8 140.2 210.4

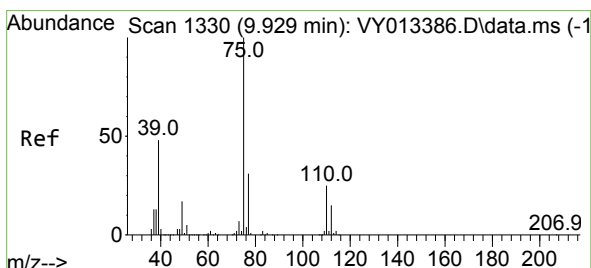
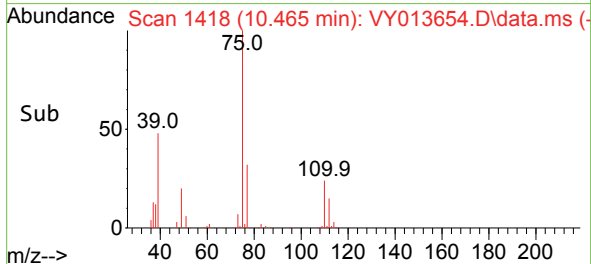
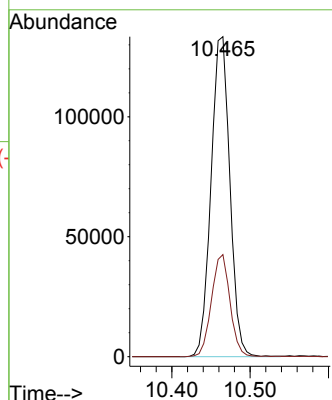
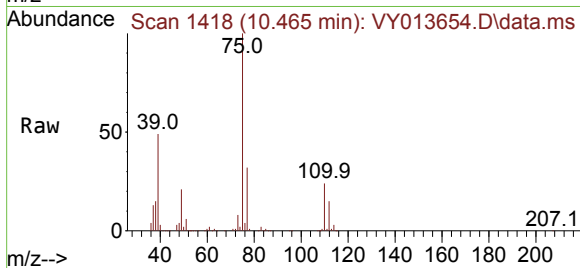




#53
 t-1,3-Dichloropropene
 Concen: 62.248 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY013654.D
 Acq: 08 May 2023 17:45

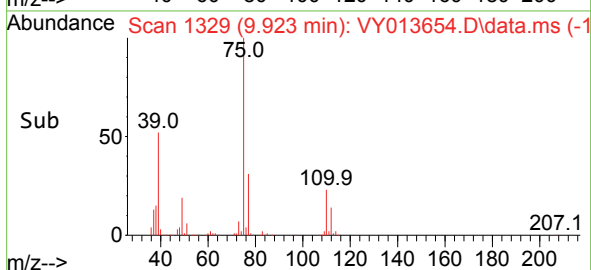
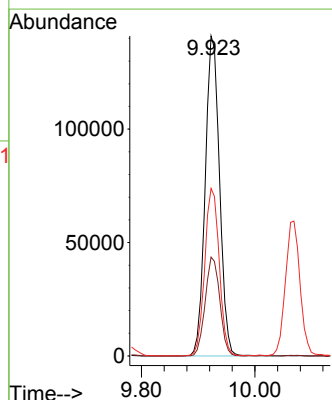
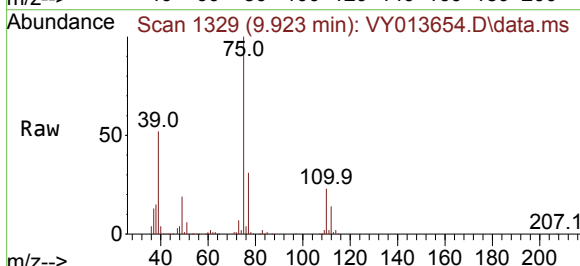
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

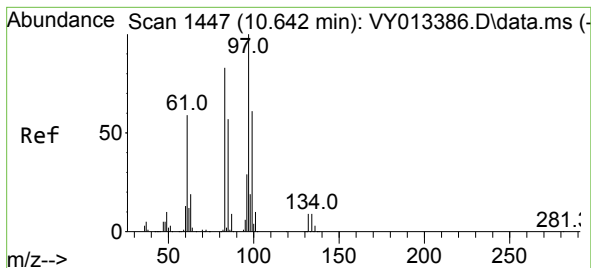
Tgt Ion: 75 Resp: 222824
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 61.488 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: VY013654.D
 Acq: 08 May 2023 17:45

Tgt Ion: 75 Resp: 247668
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.8 37.2
 39 52.3 38.1 57.1





#55

1,1,2-Trichloroethane

Concen: 61.658 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY013654.D

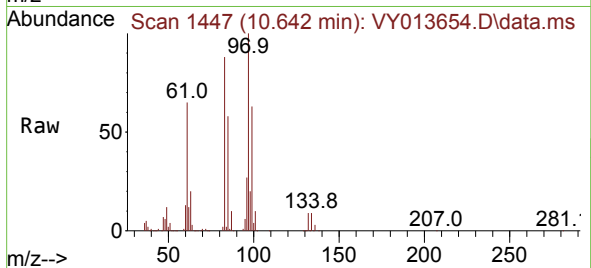
Acq: 08 May 2023 17:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 97 Resp: 123424

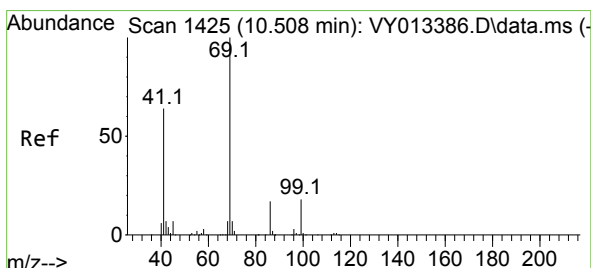
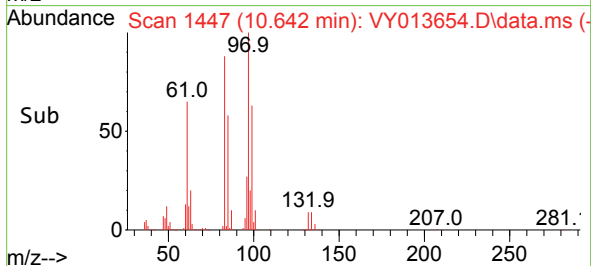
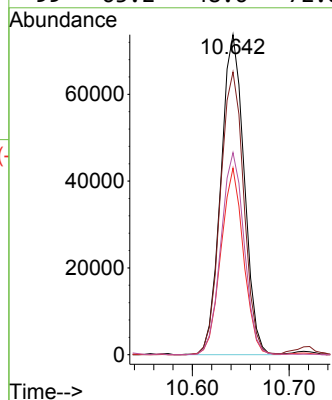
Ion Ratio Lower Upper

97 100

83 88.3 66.4 99.6

85 58.3 45.6 68.4

99 63.2 48.6 72.8



#56

Ethyl methacrylate

Concen: 63.889 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY013654.D

Acq: 08 May 2023 17:45

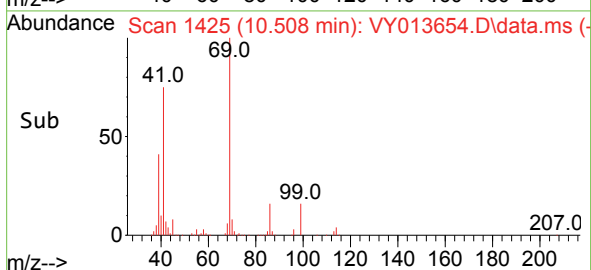
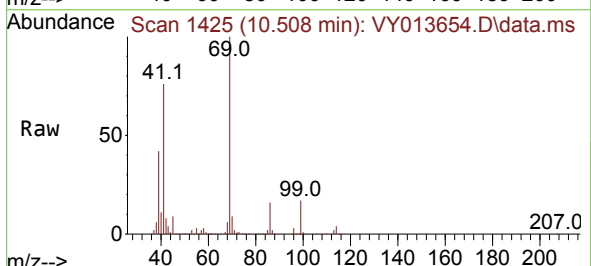
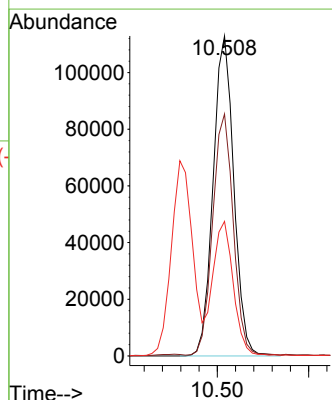
Tgt Ion: 69 Resp: 177426

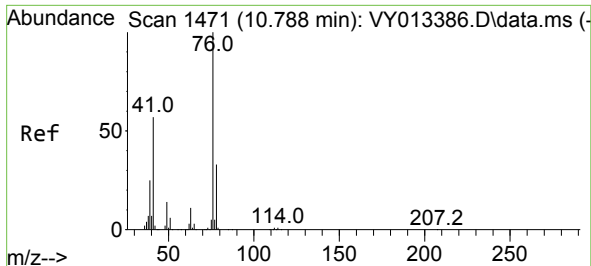
Ion Ratio Lower Upper

69 100

41 75.1 51.4 77.0

39 41.9 29.0 43.6





#57

1,3-Dichloropropane

Concen: 62.975 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013654.D

Acq: 08 May 2023 17:45

Instrument :

MSVOA_Y

ClientSampleId :

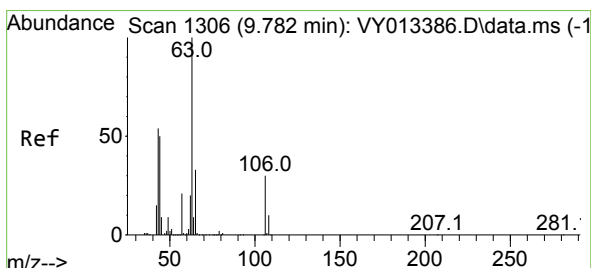
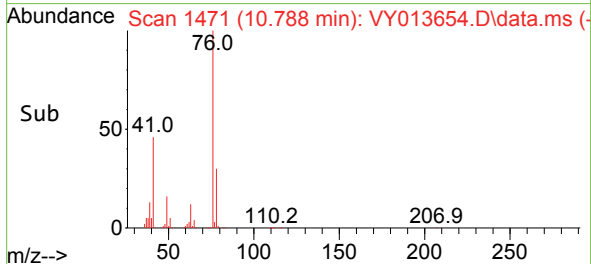
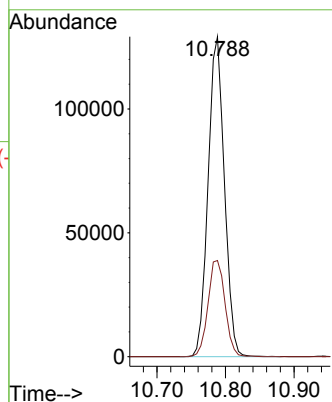
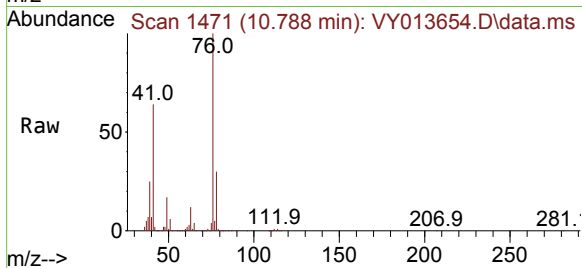
VSTDCCC050EC

Tgt Ion: 76 Resp: 213493

Ion Ratio Lower Upper

76 100

78 31.6 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 290.889 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY013654.D

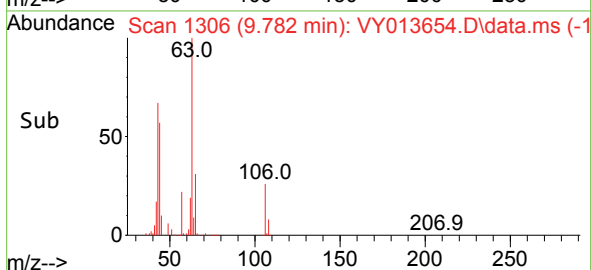
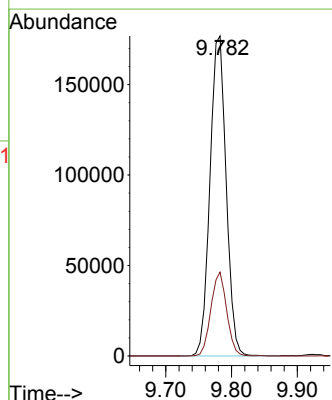
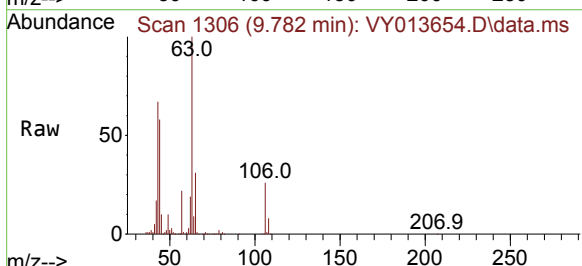
Acq: 08 May 2023 17:45

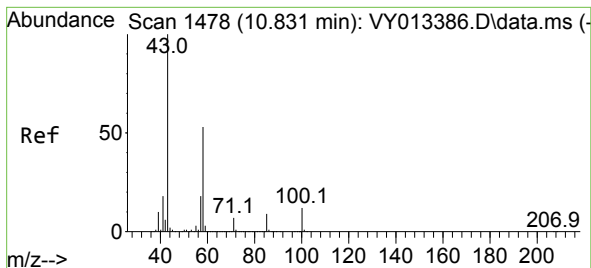
Tgt Ion: 63 Resp: 302923

Ion Ratio Lower Upper

63 100

106 25.5 23.5 35.3

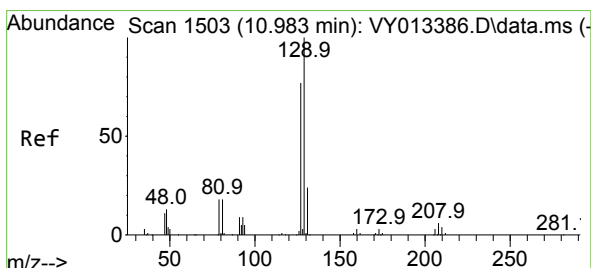
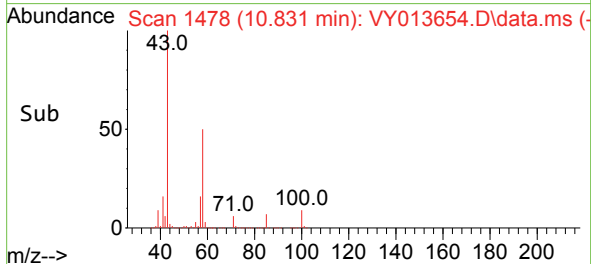
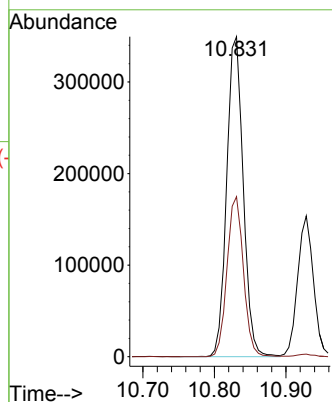
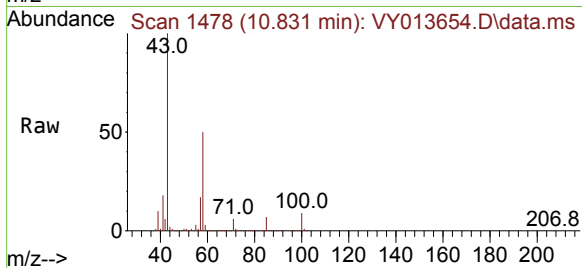




#59
2-Hexanone
Concen: 317.781 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

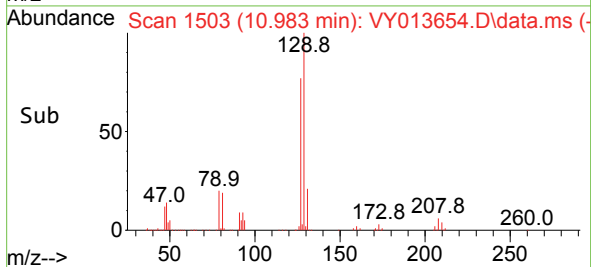
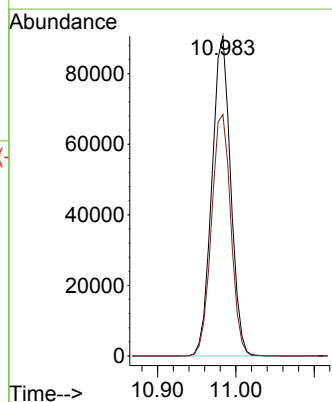
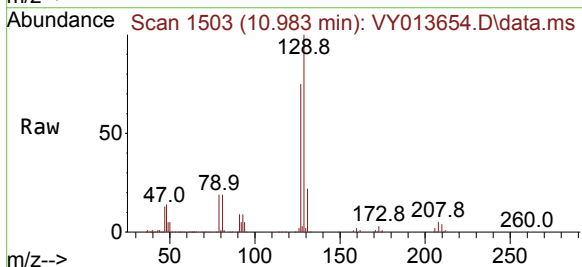
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

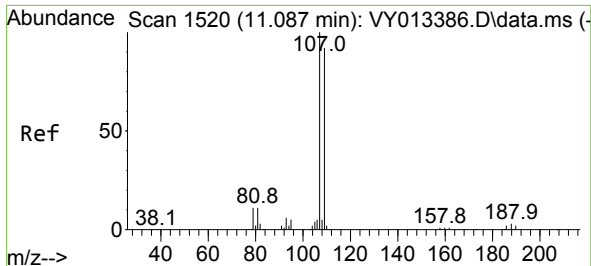
Tgt Ion: 43 Resp: 560826
Ion Ratio Lower Upper
43 100
58 49.6 26.3 78.8



#60
Dibromochloromethane
Concen: 61.989 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

Tgt Ion: 129 Resp: 150669
Ion Ratio Lower Upper
129 100
127 78.0 38.7 116.1

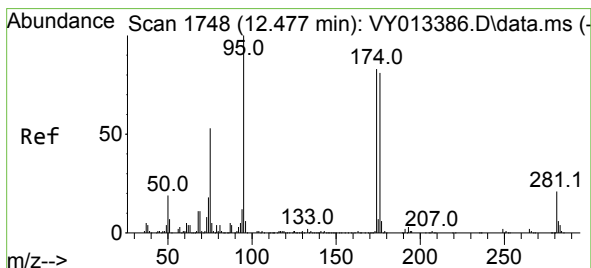
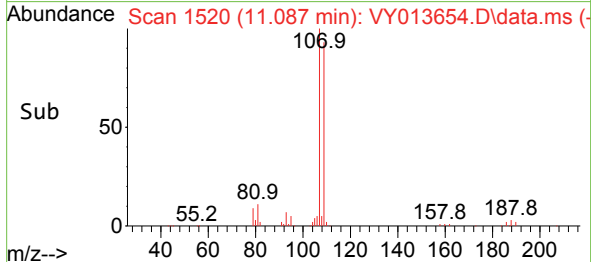
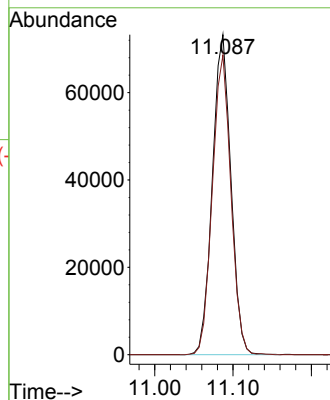
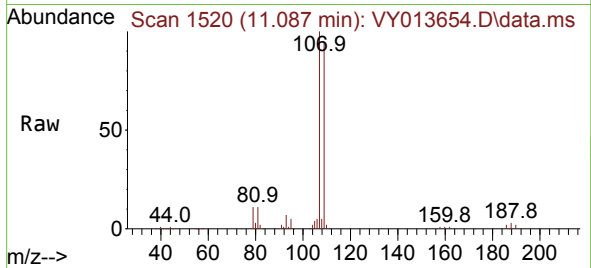




#61
1,2-Dibromoethane
Concen: 61.074 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

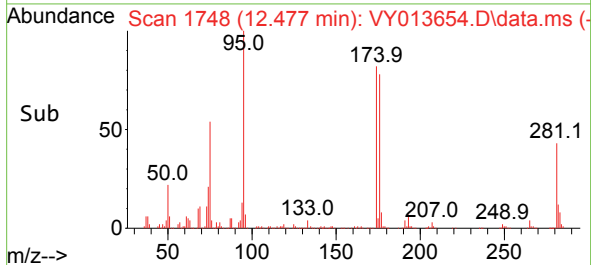
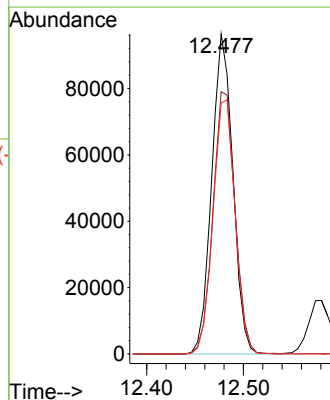
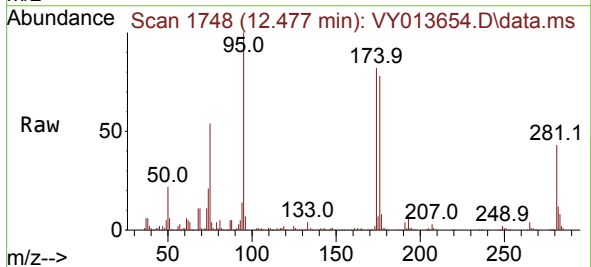
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

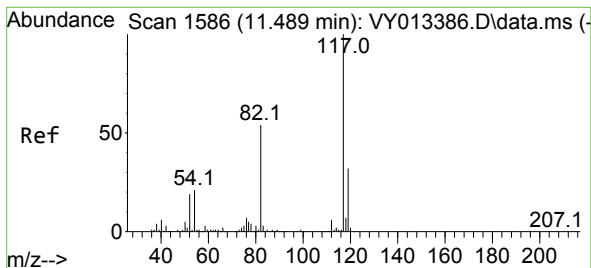
Tgt Ion:107 Resp: 120196
Ion Ratio Lower Upper
107 100
109 93.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 59.025 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

Tgt Ion: 95 Resp: 146299
Ion Ratio Lower Upper
95 100
174 85.6 0.0 182.0
176 83.0 0.0 175.4

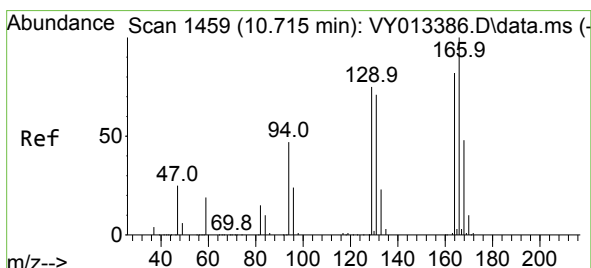
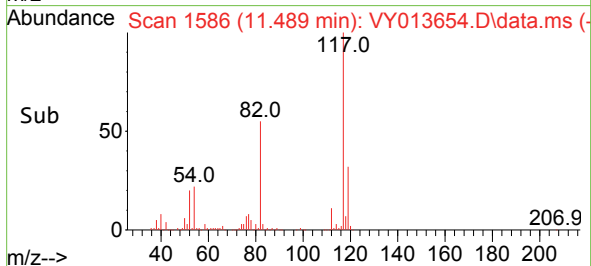
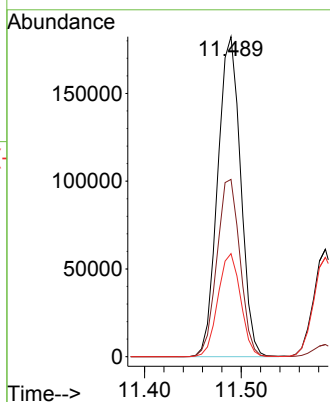
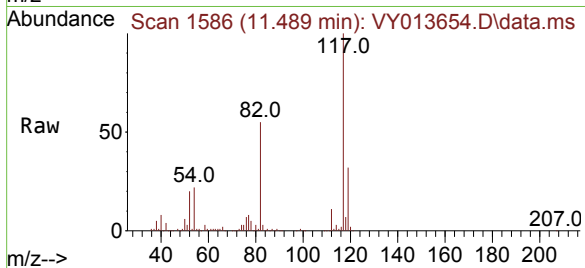




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

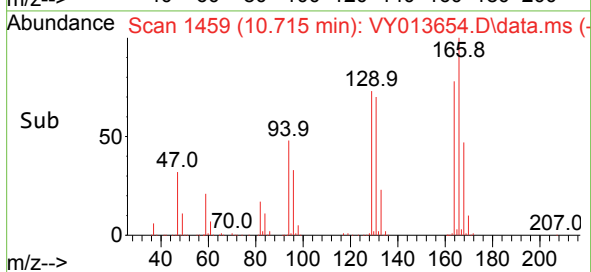
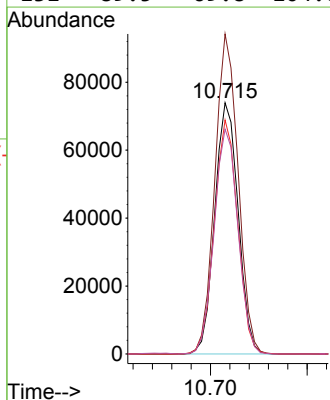
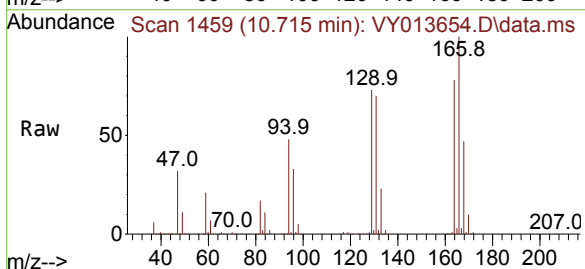
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

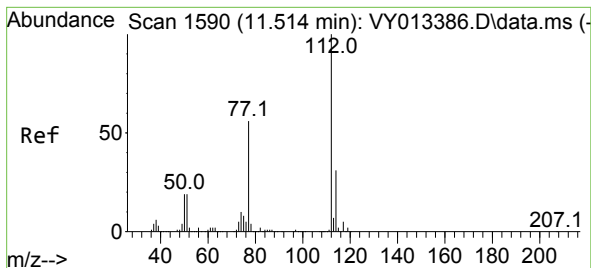
Tgt Ion:117 Resp: 300038
Ion Ratio Lower Upper
117 100
82 55.4 43.0 64.6
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 54.492 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

Tgt Ion:164 Resp: 124325
Ion Ratio Lower Upper
164 100
166 127.4 97.5 146.3
129 93.2 72.6 109.0
131 89.5 69.8 104.6

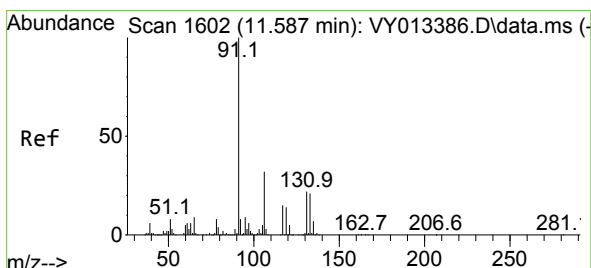
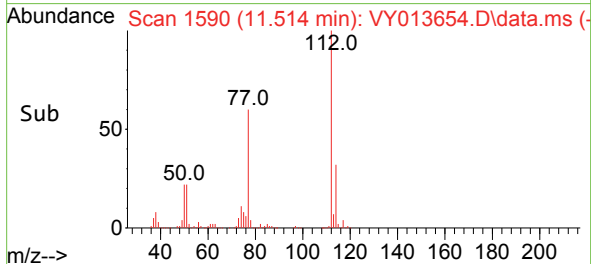
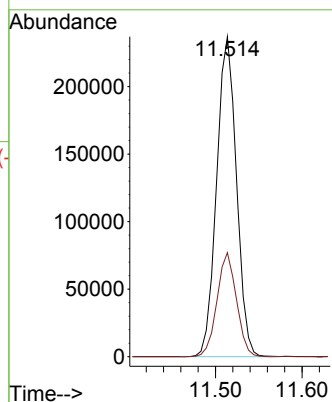
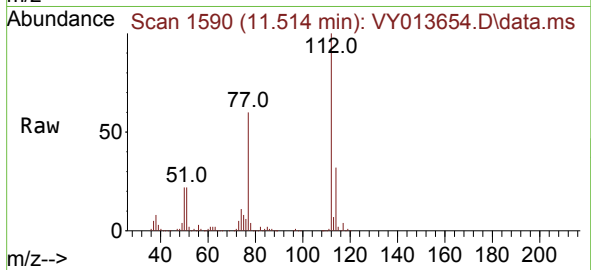




#65
Chlorobenzene
Concen: 57.571 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

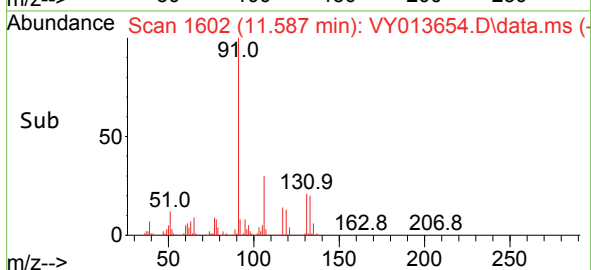
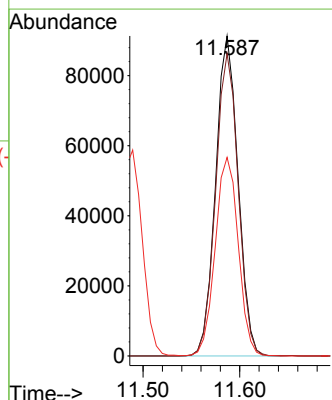
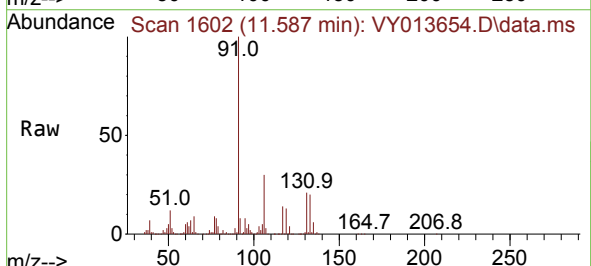
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

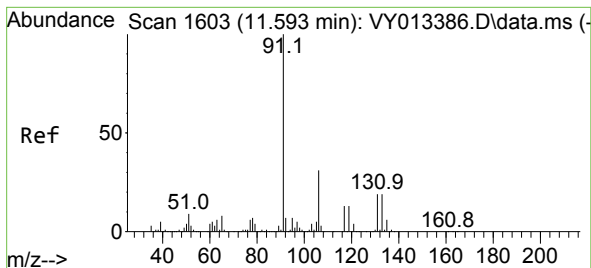
Tgt Ion:112 Resp: 376283
Ion Ratio Lower Upper
112 100
114 32.5 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 60.192 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

Tgt Ion:131 Resp: 147134
Ion Ratio Lower Upper
131 100
133 95.2 47.7 143.1
119 63.8 32.6 98.0





#67

Ethyl Benzene

Concen: 58.563 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013654.D

Acq: 08 May 2023 17:45

Instrument :

MSVOA_Y

ClientSampleId :

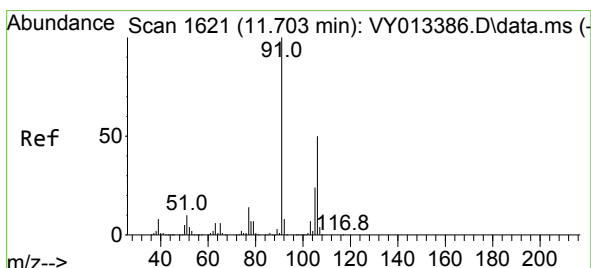
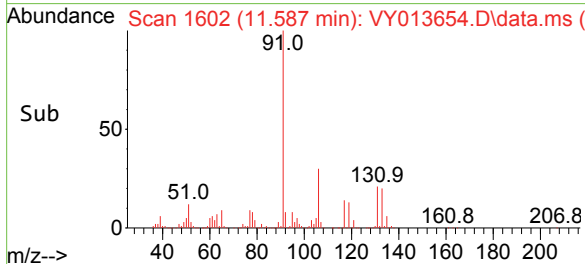
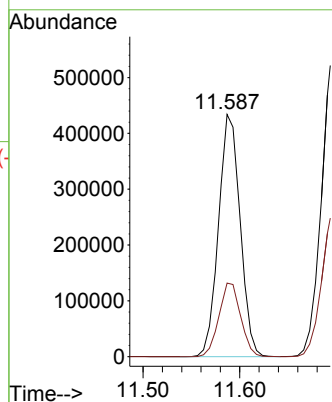
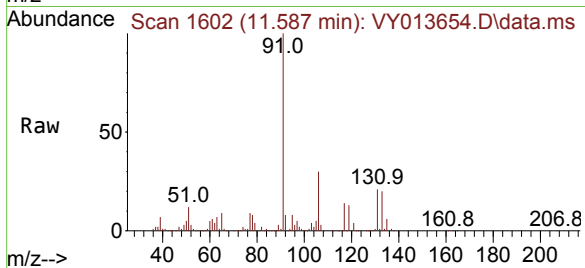
VSTDCCC050EC

Tgt Ion: 91 Resp: 672133

Ion Ratio Lower Upper

91 100

106 30.4 25.1 37.7



#68

m/p-Xylenes

Concen: 117.268 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY013654.D

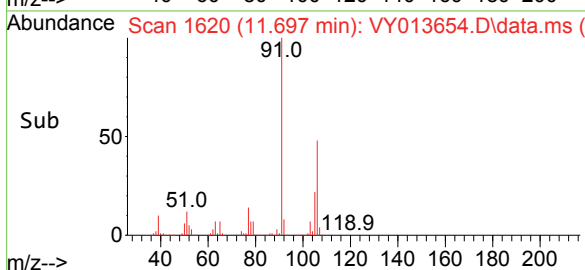
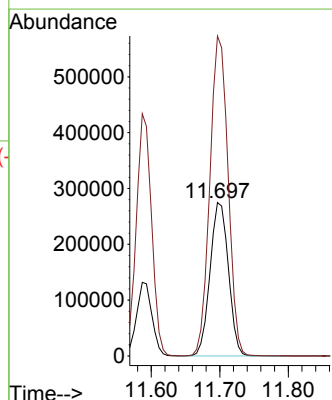
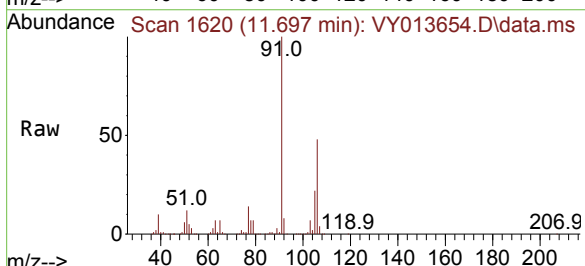
Acq: 08 May 2023 17:45

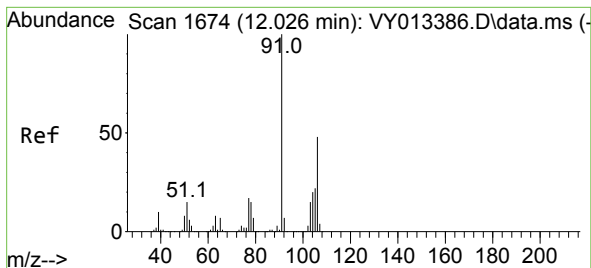
Tgt Ion:106 Resp: 511651

Ion Ratio Lower Upper

106 100

91 206.3 160.9 241.3

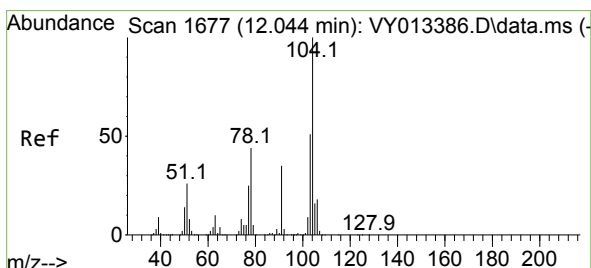
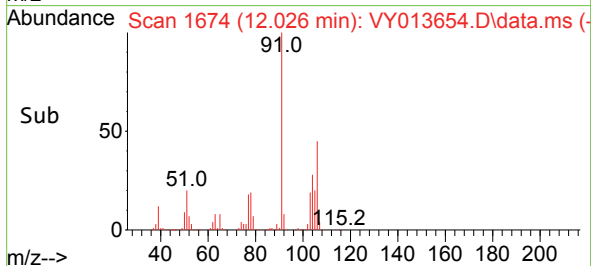
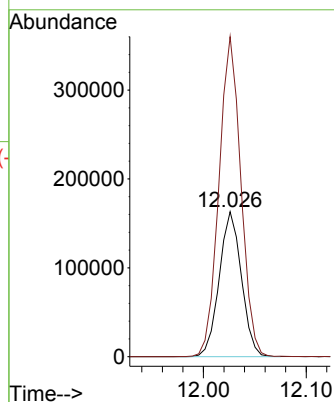
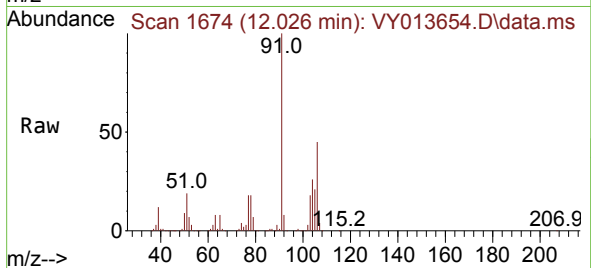




#69
o-Xylene
Concen: 59.170 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

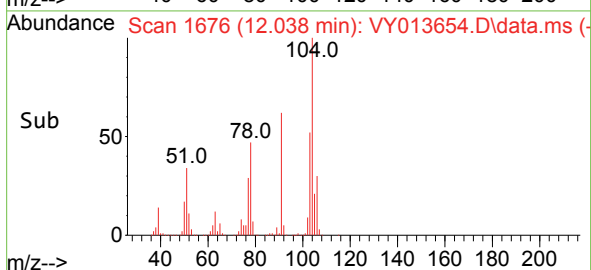
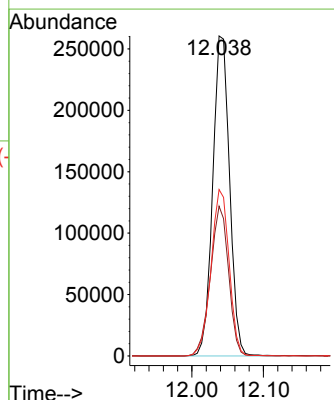
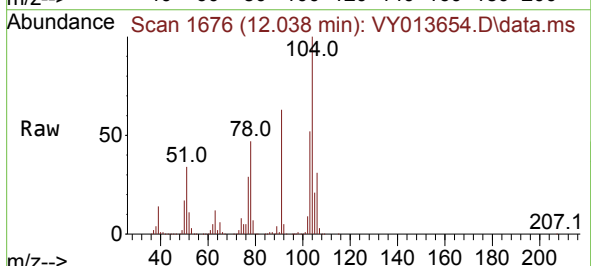
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

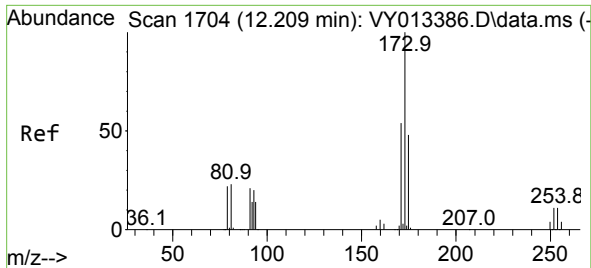
Tgt Ion:106 Resp: 244158
Ion Ratio Lower Upper
106 100
91 218.4 105.5 316.4



#70
Styrene
Concen: 61.857 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

Tgt Ion:104 Resp: 426778
Ion Ratio Lower Upper
104 100
78 50.5 40.3 60.5
103 55.9 45.0 67.4

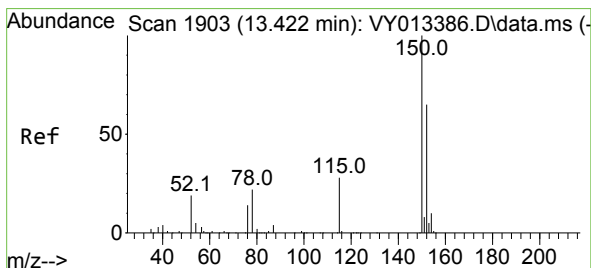
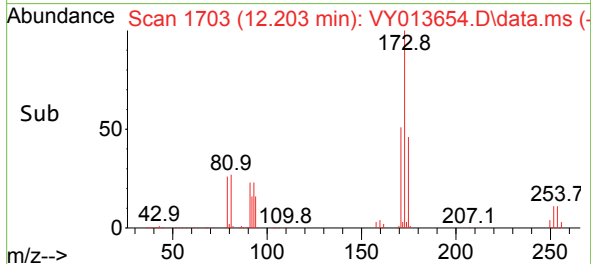
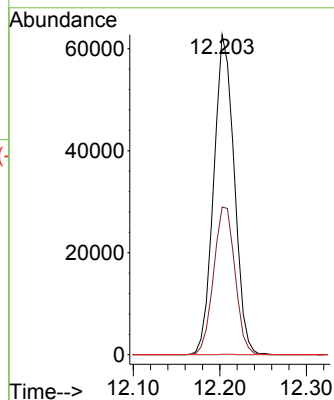
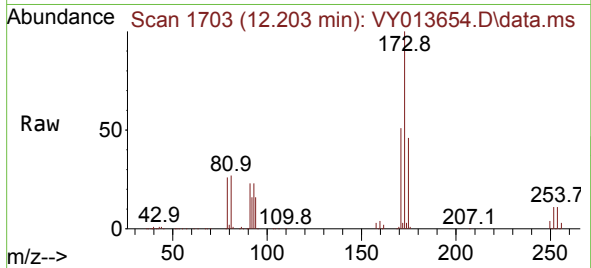




#71
Bromoform
Concen: 60.324 ug/l
RT: 12.203 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

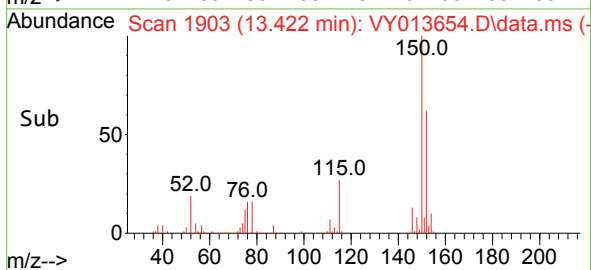
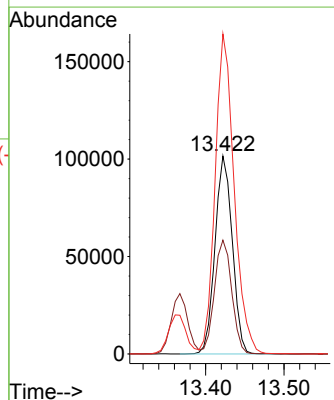
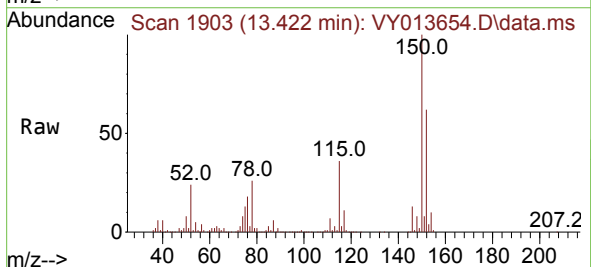
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

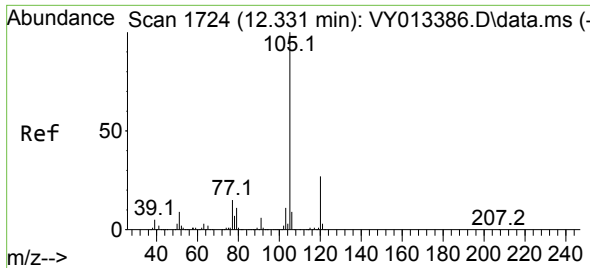
Tgt Ion:173 Resp: 103287
Ion Ratio Lower Upper
173 100
175 48.3 24.3 72.8
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

Tgt Ion:152 Resp: 155972
Ion Ratio Lower Upper
152 100
115 57.8 28.1 84.2
150 177.8 0.0 352.0

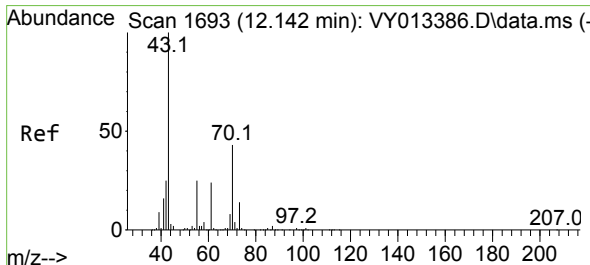
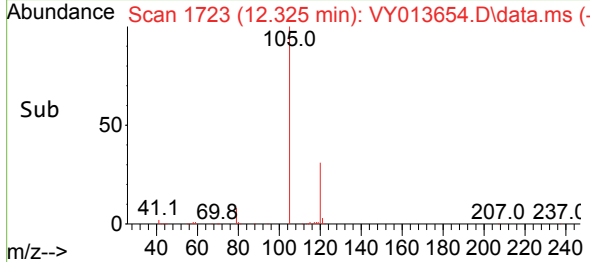
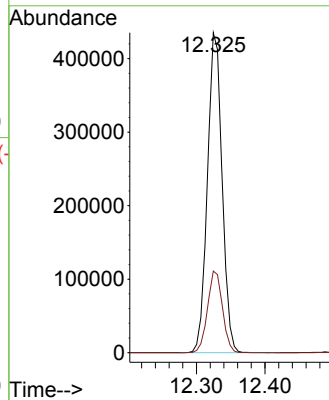
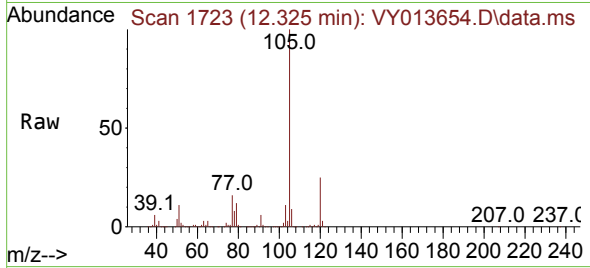




#73
Isopropylbenzene
Concen: 54.962 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

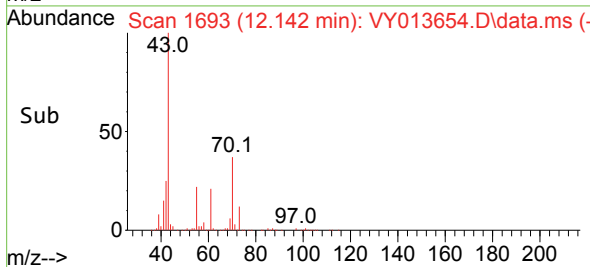
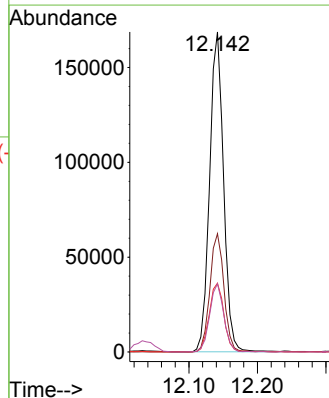
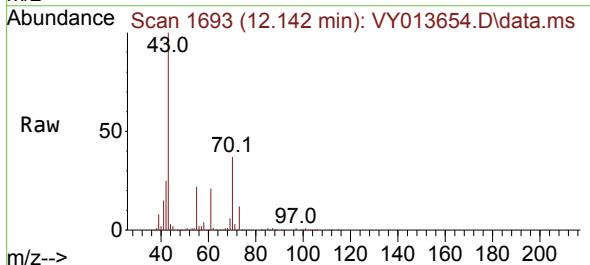
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

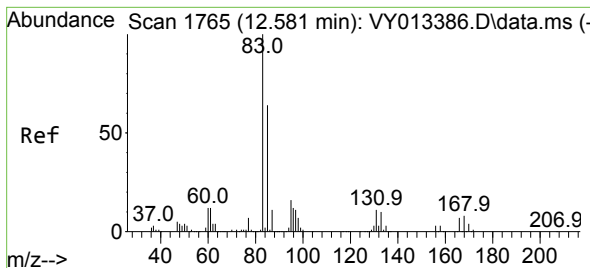
Tgt Ion:105 Resp: 648392
Ion Ratio Lower Upper
105 100
120 26.0 13.7 41.0



#74
N-ethyl acetate
Concen: 57.030 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

Tgt Ion: 43 Resp: 239418
Ion Ratio Lower Upper
43 100
70 37.5 33.0 49.4
55 22.8 19.8 29.6
61 21.6 19.1 28.7

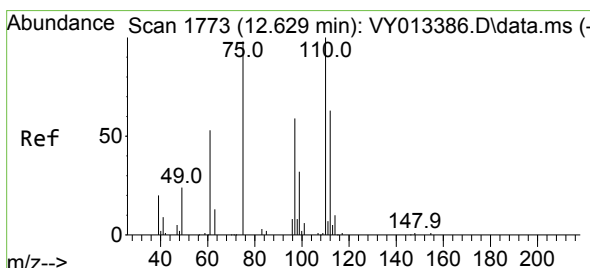
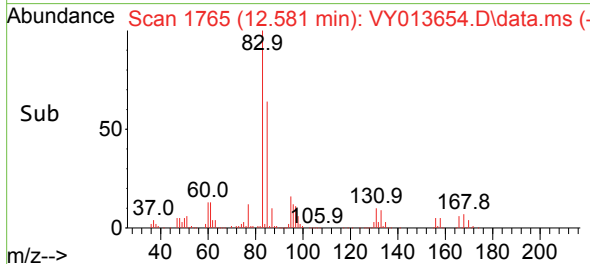
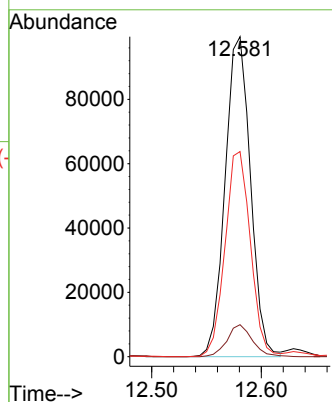
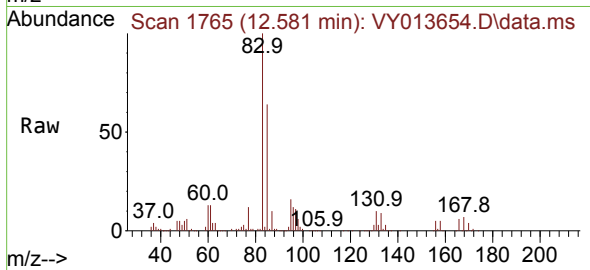




#75
1,1,2,2-Tetrachloroethane
Concen: 55.522 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

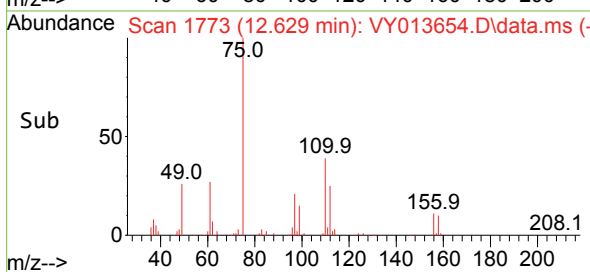
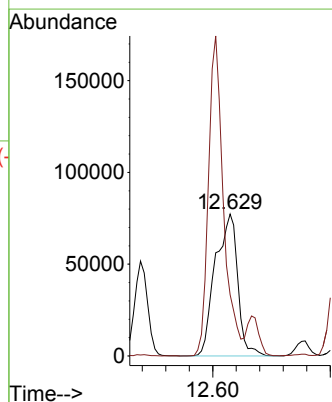
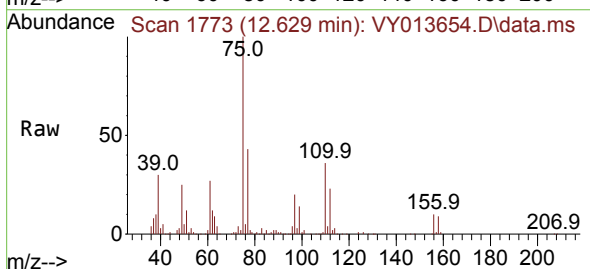
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

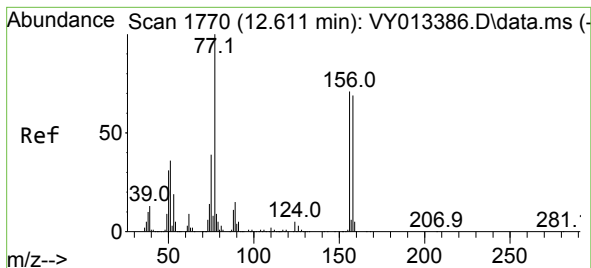
Tgt Ion: 83 Resp: 160099
Ion Ratio Lower Upper
83 100
131 10.0 5.7 17.0
85 64.2 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 97.448 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

Tgt Ion: 75 Resp: 204980
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 55.723 ug/l

RT: 12.605 min Scan# 1770

Delta R.T. -0.006 min

Lab File: VY013654.D

Acq: 08 May 2023 17:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

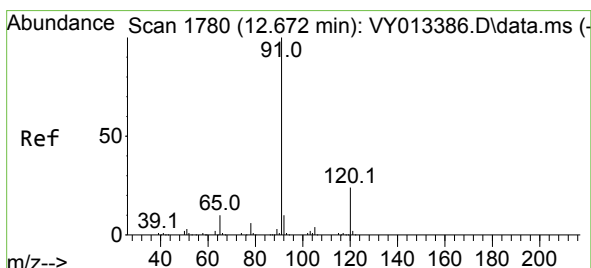
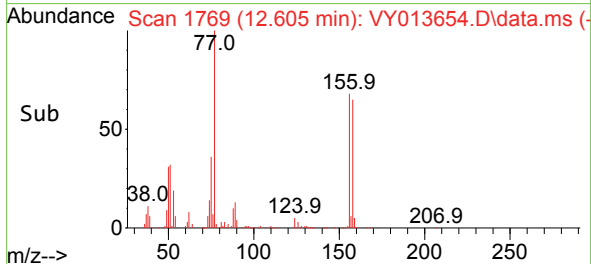
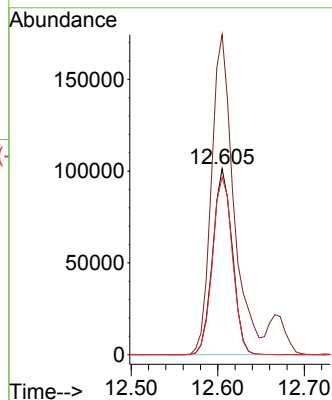
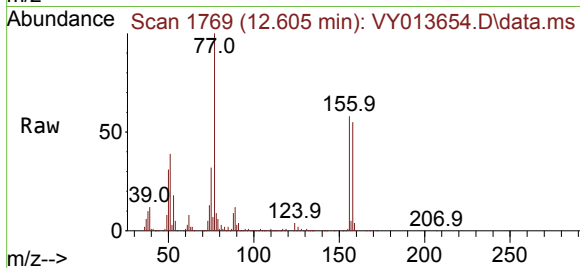
Tgt Ion:156 Resp: 159283

Ion Ratio Lower Upper

156 100

77 193.9 87.6 262.9

158 97.2 48.5 145.5



#78

n-propylbenzene

Concen: 55.291 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY013654.D

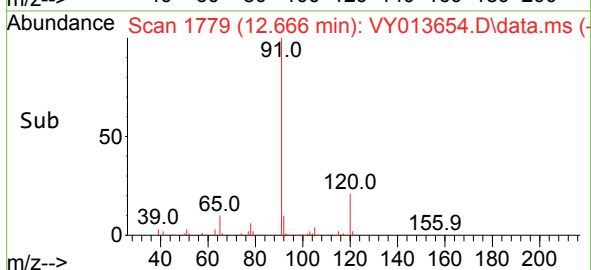
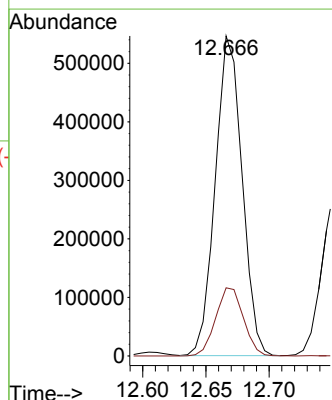
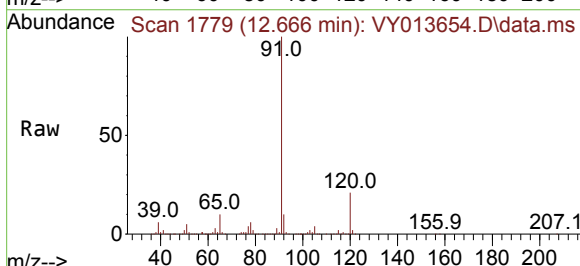
Acq: 08 May 2023 17:45

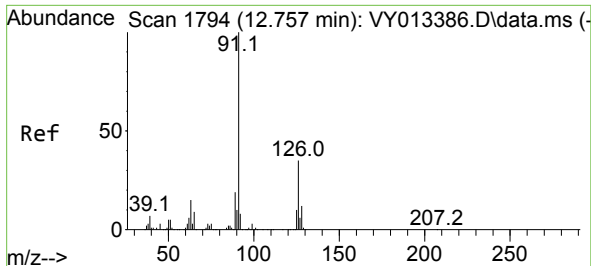
Tgt Ion: 91 Resp: 803424

Ion Ratio Lower Upper

91 100

120 22.1 11.9 35.9

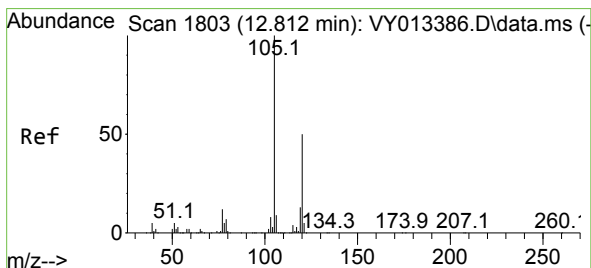
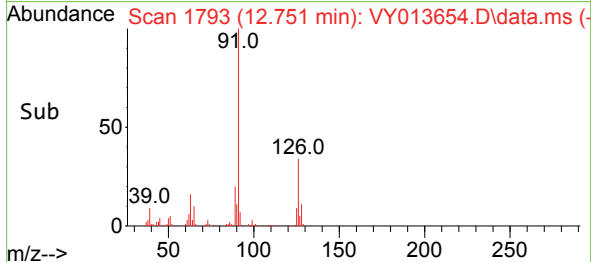
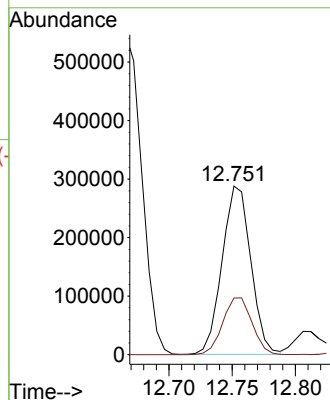
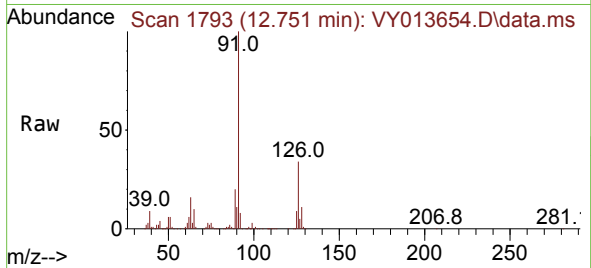




#79
2-Chlorotoluene
Concen: 56.072 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

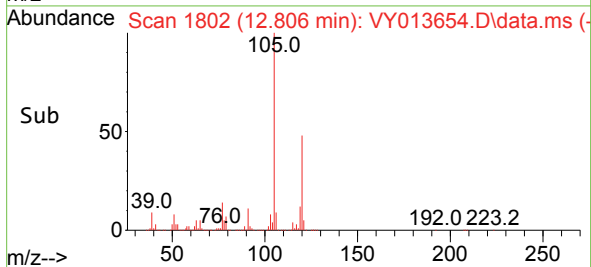
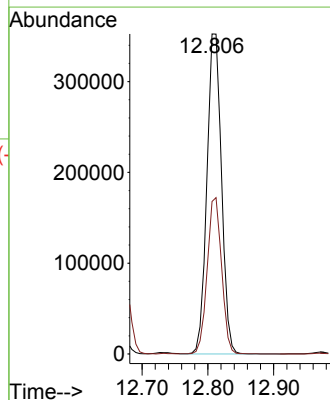
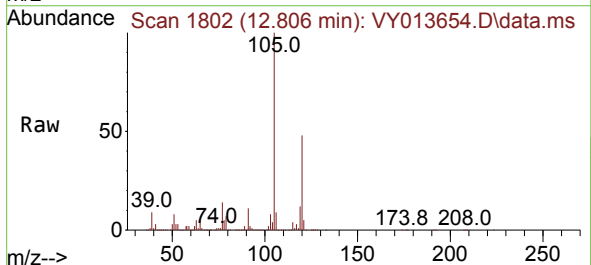
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

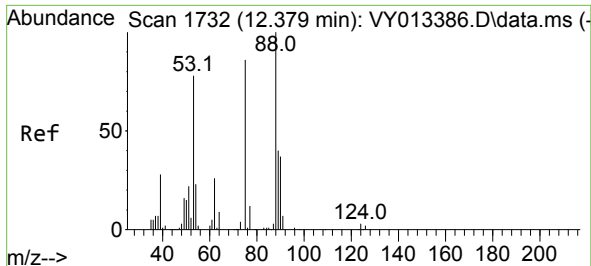
Tgt Ion: 91 Resp: 454996
Ion Ratio Lower Upper
91 100
126 34.5 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 56.418 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

Tgt Ion: 105 Resp: 543233
Ion Ratio Lower Upper
105 100
120 48.3 24.7 74.1

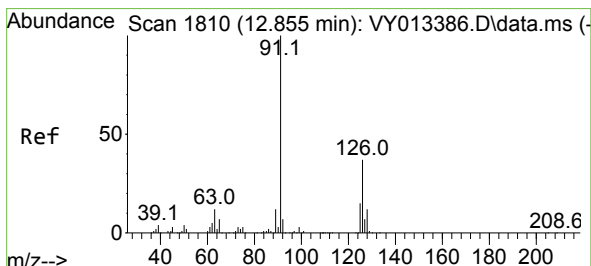
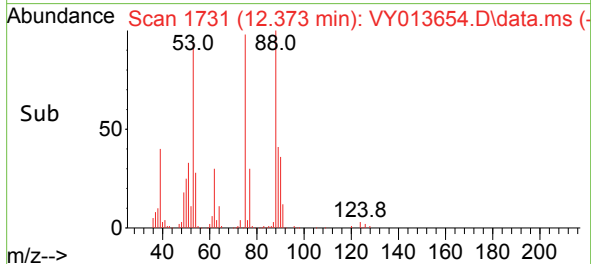
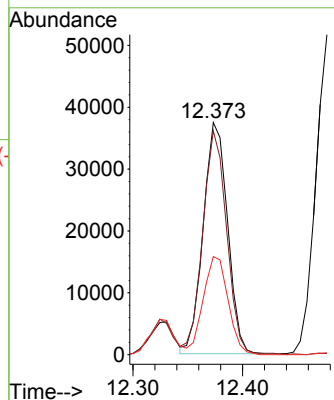
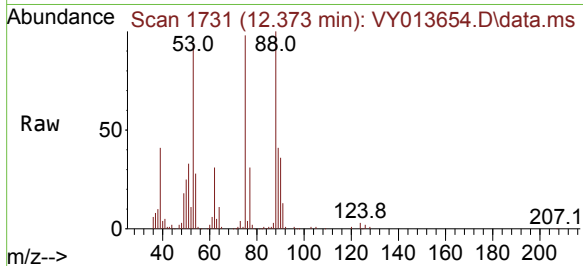




#81
trans-1,4-Dichloro-2-butene
Concen: 56.134 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

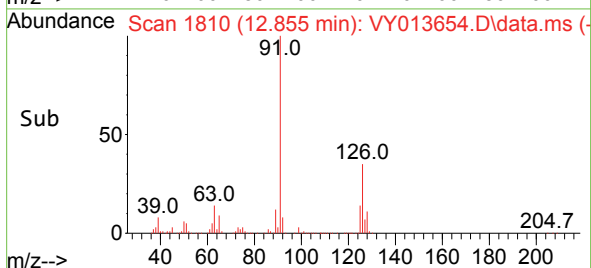
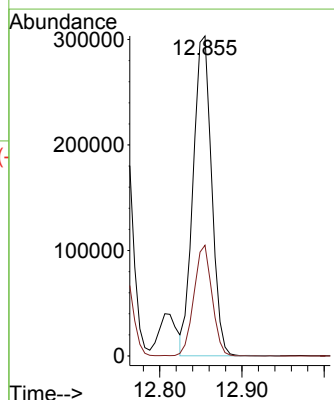
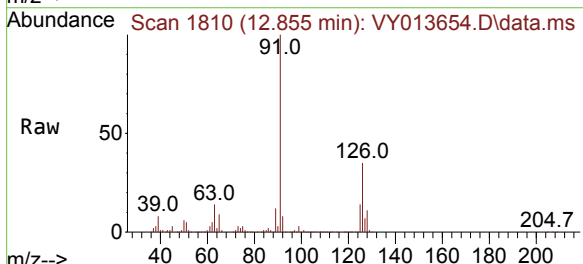
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

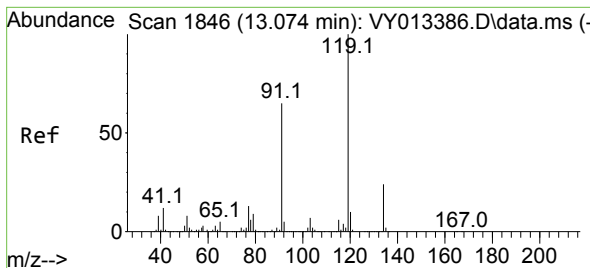
Tgt Ion: 75 Resp: 57723
Ion Ratio Lower Upper
75 100
53 95.7 73.2 109.8
89 43.2 38.0 57.0



#82
4-Chlorotoluene
Concen: 55.784 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

Tgt Ion: 91 Resp: 471800
Ion Ratio Lower Upper
91 100
126 34.1 17.9 53.8





#83

tert-Butylbenzene

Concen: 56.438 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY013654.D

Acq: 08 May 2023 17:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

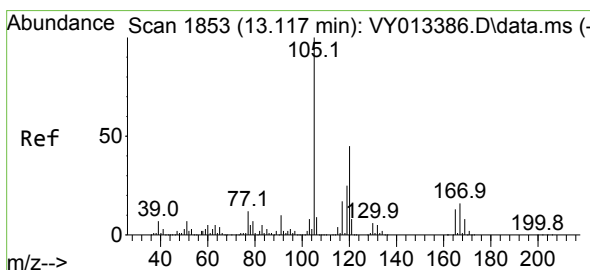
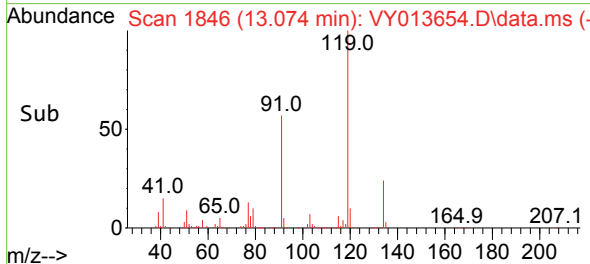
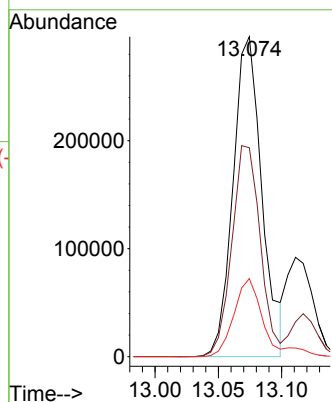
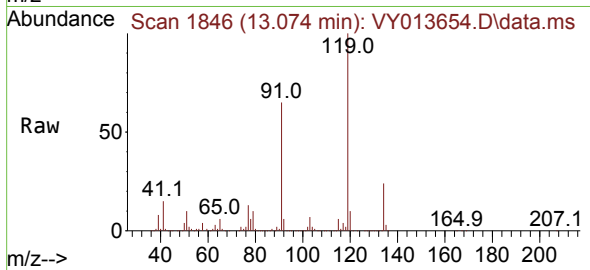
Tgt Ion:119 Resp: 470809

Ion Ratio Lower Upper

119 100

91 65.0 32.2 96.6

134 25.4 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 58.236 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY013654.D

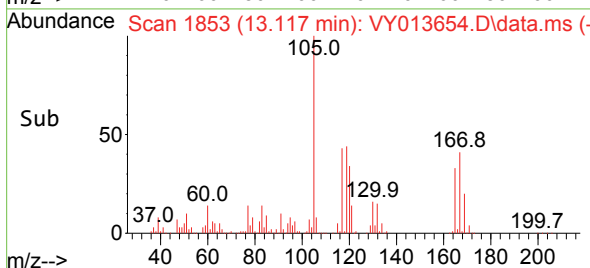
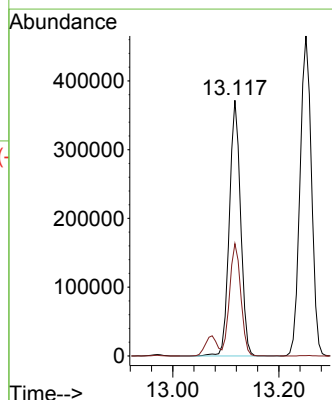
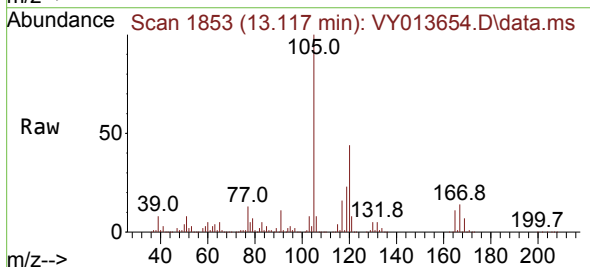
Acq: 08 May 2023 17:45

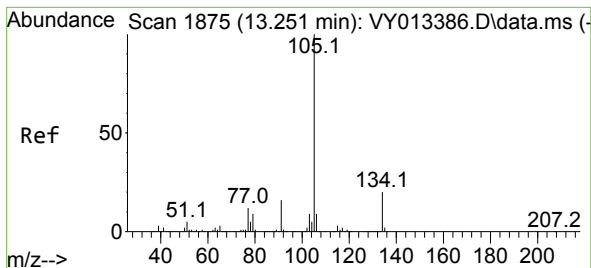
Tgt Ion:105 Resp: 545174

Ion Ratio Lower Upper

105 100

120 43.8 22.3 66.9





#85

sec-Butylbenzene

Concen: 55.482 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013654.D

Acq: 08 May 2023 17:45

Instrument :

MSVOA_Y

ClientSampleId :

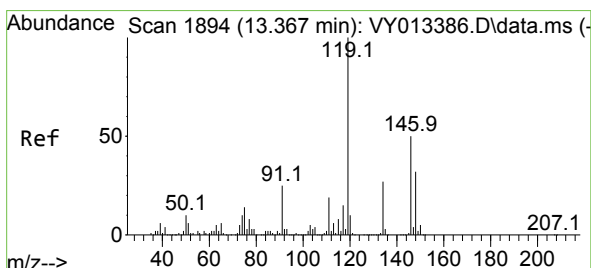
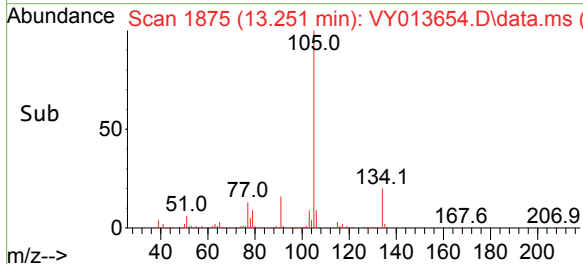
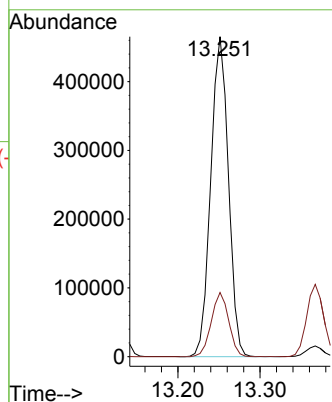
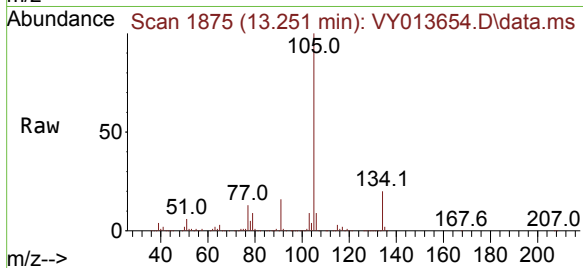
VSTDCCC050EC

Tgt Ion:105 Resp: 694632

Ion Ratio Lower Upper

105 100

134 19.8 10.3 30.9



#86

p-Isopropyltoluene

Concen: 56.671 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013654.D

Acq: 08 May 2023 17:45

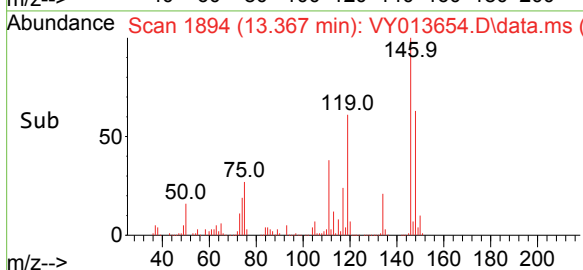
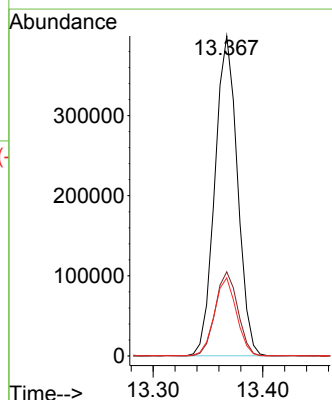
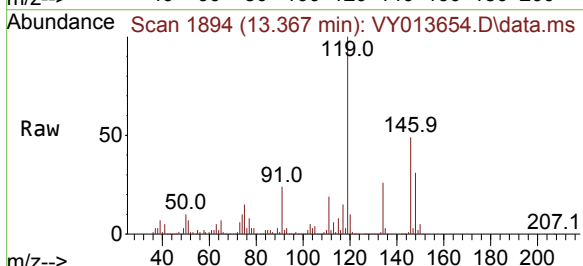
Tgt Ion:119 Resp: 570569

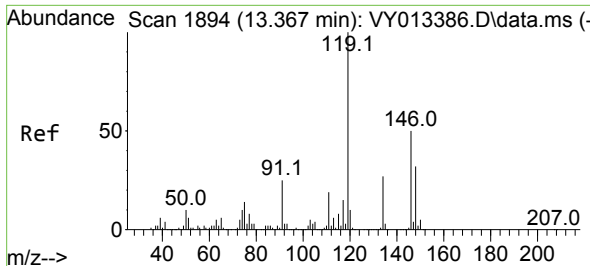
Ion Ratio Lower Upper

119 100

134 26.2 13.4 40.2

91 23.9 12.1 36.3

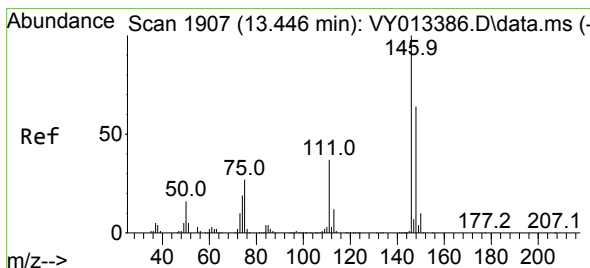
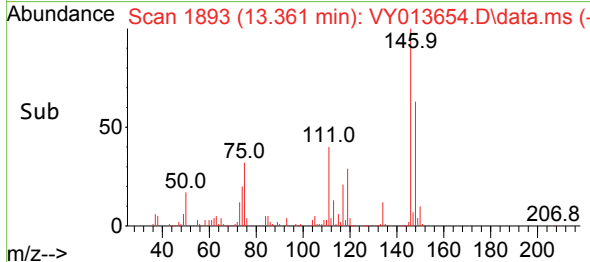
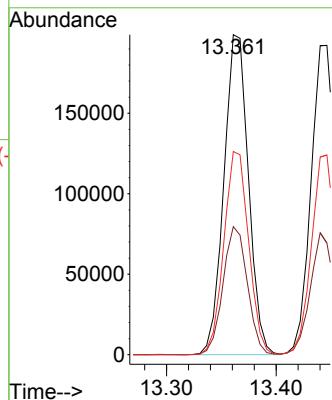
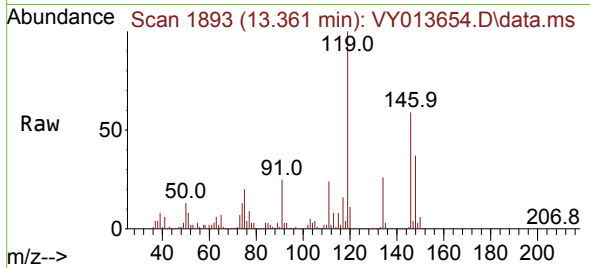




#87
1,3-Dichlorobenzene
Concen: 56.930 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

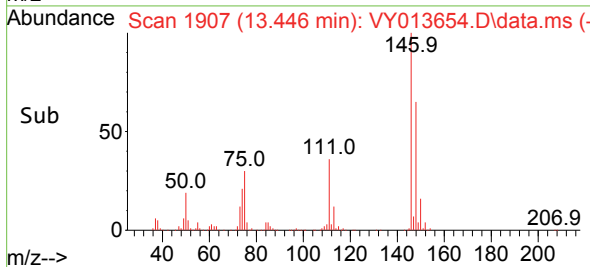
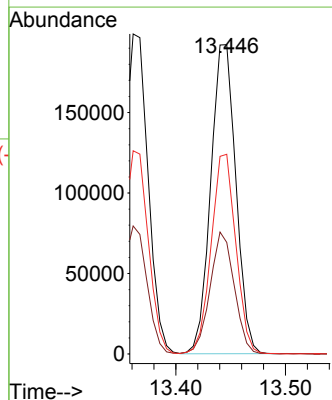
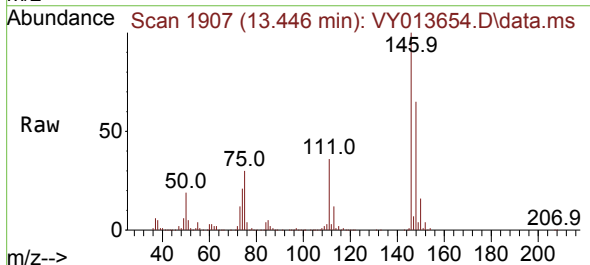
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

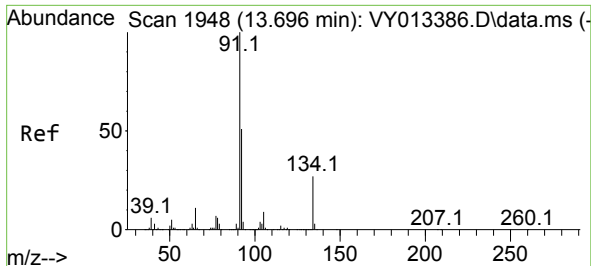
Tgt Ion:146 Resp: 310035
Ion Ratio Lower Upper
146 100
111 39.7 19.3 57.9
148 64.0 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 55.652 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

Tgt Ion:146 Resp: 306155
Ion Ratio Lower Upper
146 100
111 38.0 18.9 56.5
148 63.4 31.9 95.5

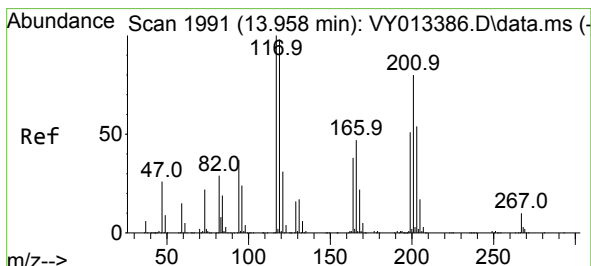
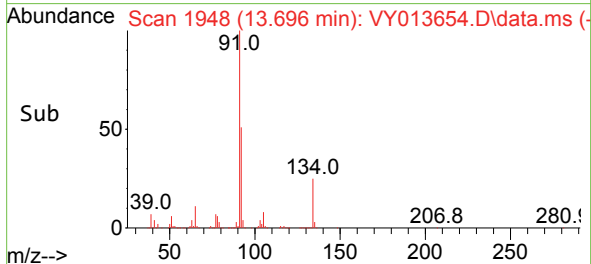
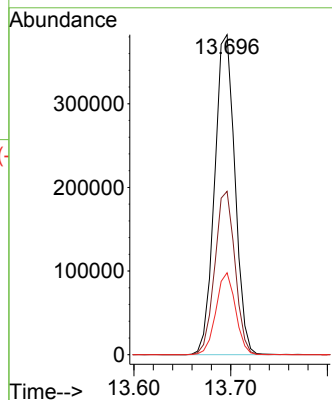
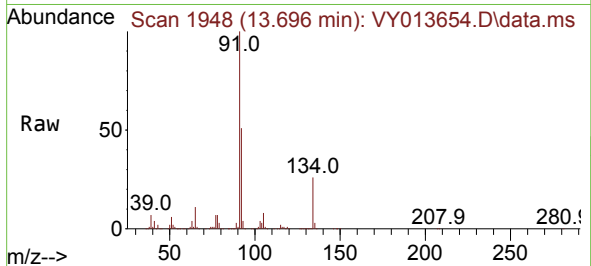




#89
n-Butylbenzene
Concen: 56.692 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

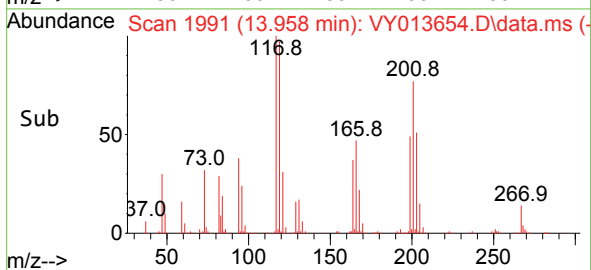
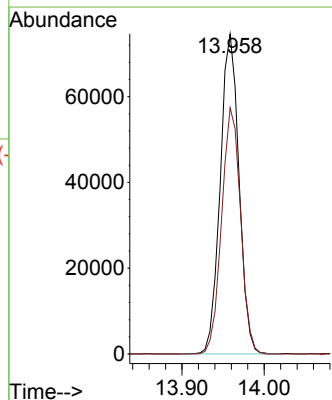
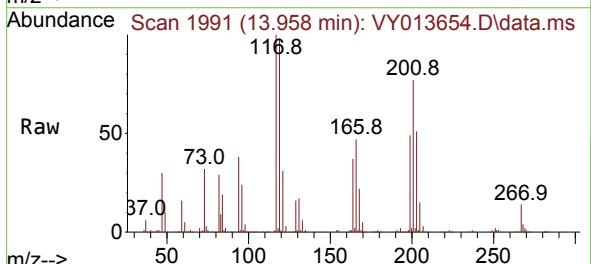
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

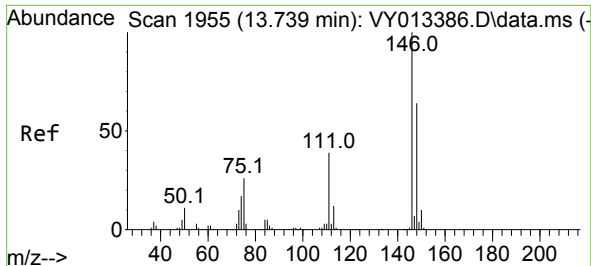
Tgt Ion: 91 Resp: 557091
Ion Ratio Lower Upper
91 100
92 50.9 25.8 77.3
134 24.7 13.5 40.4



#90
Hexachloroethane
Concen: 55.874 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

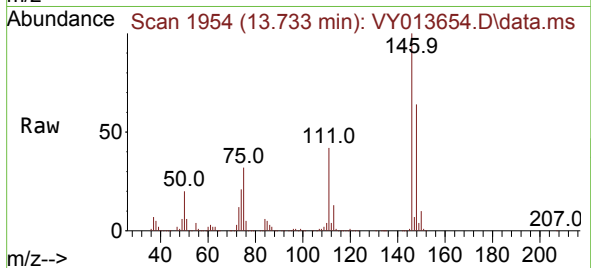
Tgt Ion: 117 Resp: 118397
Ion Ratio Lower Upper
117 100
201 77.7 41.6 124.8



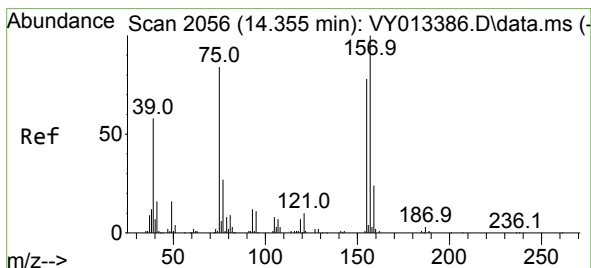
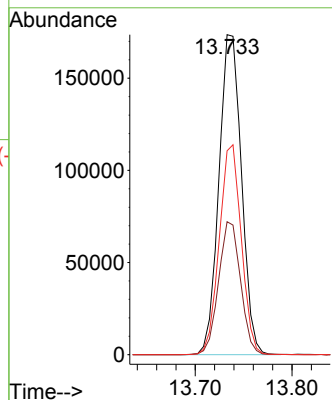
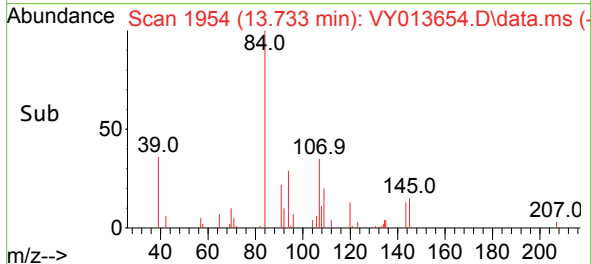


#91
1,2-Dichlorobenzene
Concen: 57.093 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. -0.006 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

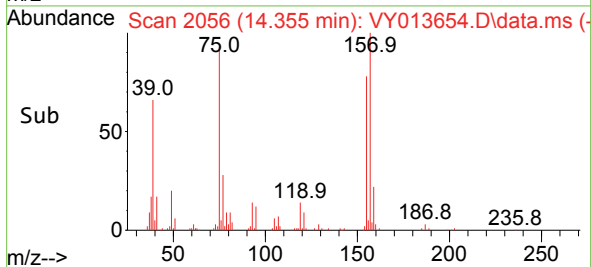
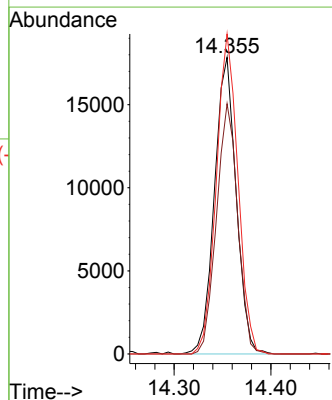
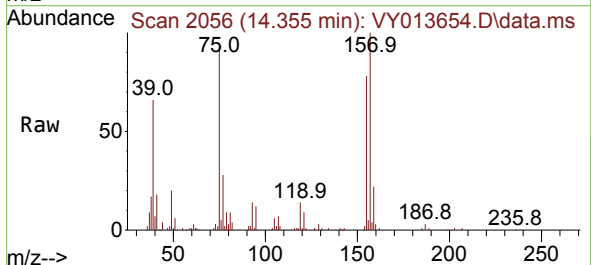


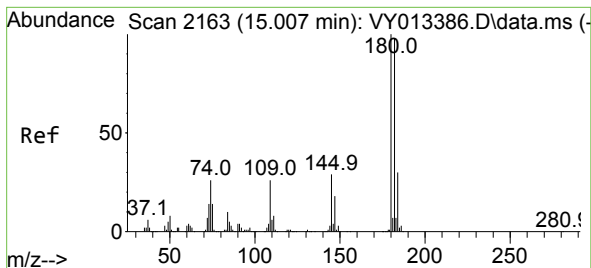
Tgt Ion:146 Resp: 280774
Ion Ratio Lower Upper
146 100
111 40.6 19.8 59.4
148 64.1 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.598 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

Tgt Ion: 75 Resp: 27805
Ion Ratio Lower Upper
75 100
155 82.6 44.6 134.0
157 107.3 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 60.762 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013654.D

Acq: 08 May 2023 17:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

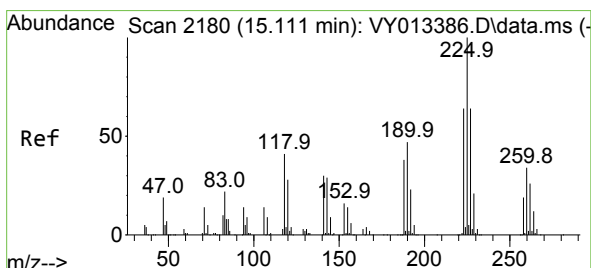
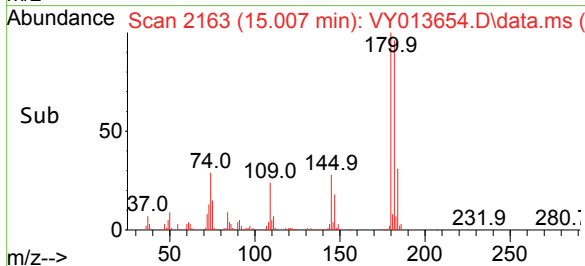
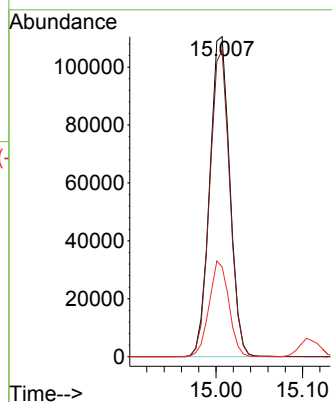
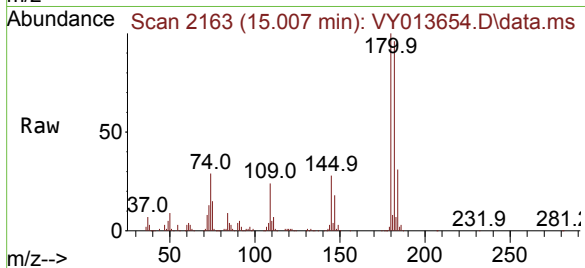
Tgt Ion:180 Resp: 178156

Ion Ratio Lower Upper

180 100

182 95.1 48.5 145.5

145 29.3 15.0 45.0



#94

Hexachlorobutadiene

Concen: 59.794 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013654.D

Acq: 08 May 2023 17:45

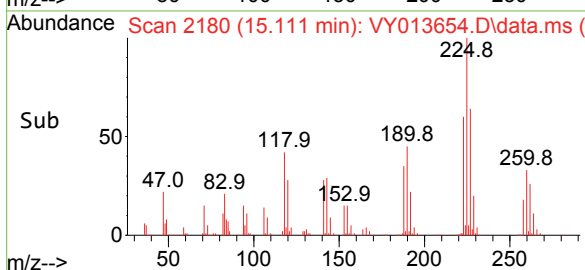
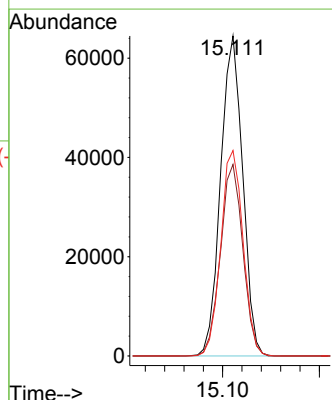
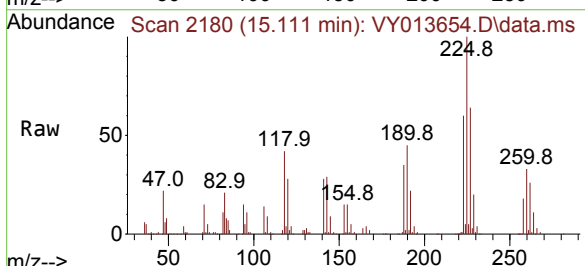
Tgt Ion:225 Resp: 102032

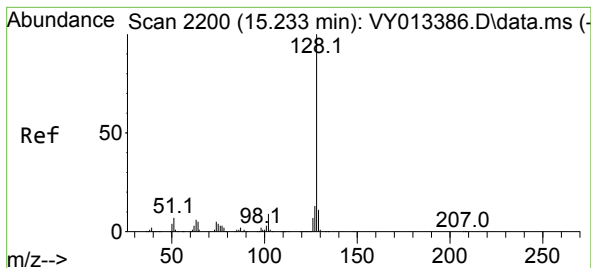
Ion Ratio Lower Upper

225 100

223 60.8 31.4 94.2

227 64.9 32.0 96.0

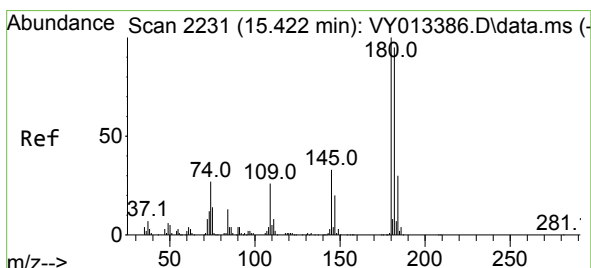
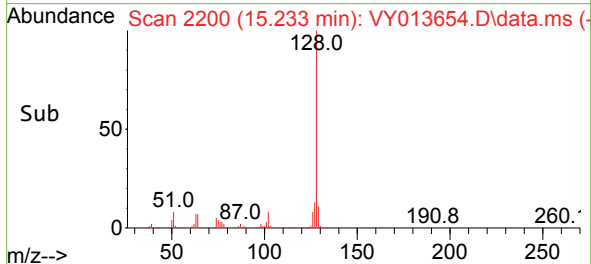
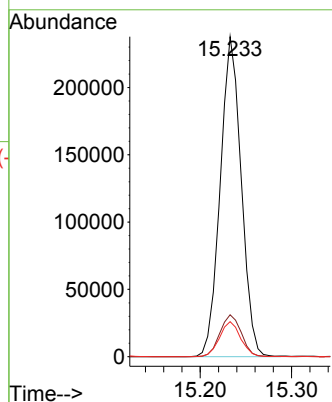
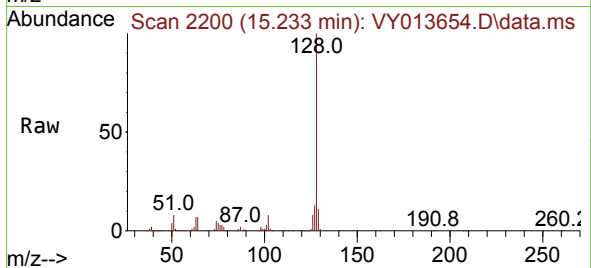




#95
Naphthalene
Concen: 59.768 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 380223
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 61.954 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY013654.D
Acq: 08 May 2023 17:45

Tgt Ion:180 Resp: 161904
Ion Ratio Lower Upper
180 100
182 95.6 47.1 141.3
145 30.7 15.9 47.7

