

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040723\
 Data File : VY013224.D
 Acq On : 07 Apr 2023 18:52
 Operator : KP/MD
 Sample : VSTDCCC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Apr 07 23:07:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040723S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 07 22:57:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	89381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	136189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	123839	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	62581	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	159806	160.151	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	320.300%#
35) Dibromofluoromethane	7.710	113	139206	156.623	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	313.240%#
50) Toluene-d8	10.179	98	502324	156.220	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	312.440%#
62) 4-Bromofluorobenzene	12.477	95	175909	158.970	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	317.940%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	111524	138.458	ug/l	100
3) Chloromethane	2.107	50	147872	219.903	ug/l	99
4) Vinyl Chloride	2.247	62	144598	167.681	ug/l	97
5) Bromomethane	2.625	94	95566	160.104	ug/l	92
6) Chloroethane	2.777	64	103739	184.540	ug/l	100
7) Trichlorofluoromethane	3.113	101	211318	142.580	ug/l	98
8) Diethyl Ether	3.521	74	80497	148.982	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.887	101	129291	147.707	ug/l	98
10) Methyl Iodide	4.082	142	165766	147.330	ug/l	96
11) Tert butyl alcohol	4.954	59	108767	636.840	ug/l	97
12) 1,1-Dichloroethene	3.863	96	119437	145.371	ug/l	92
13) Acrolein	3.722	56	71850	713.035	ug/l	99
14) Allyl chloride	4.472	41	258061	192.017	ug/l	94
15) Acrylonitrile	5.155	53	260774	927.609	ug/l	99
16) Acetone	3.942	43	279297	824.887	ug/l	96
17) Carbon Disulfide	4.186	76	339351	144.538	ug/l	99
18) Methyl Acetate	4.466	43	194619	195.377	ug/l	98
19) Methyl tert-butyl Ether	5.216	73	433923	175.847	ug/l	100
20) Methylene Chloride	4.710	84	148063	125.572	ug/l	97
21) trans-1,2-Dichloroethene	5.210	96	145572	159.694	ug/l	99
22) Diisopropyl ether	6.112	45	530207	195.675	ug/l	96
23) Vinyl Acetate	6.051	43	1695994	995.871	ug/l	99
24) 1,1-Dichloroethane	6.009	63	276624	174.023	ug/l	99
25) 2-Butanone	6.978	43	392259	898.251	ug/l	95
26) 2,2-Dichloropropane	6.978	77	242646	146.814	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	166554	158.654	ug/l	96
28) Bromochloromethane	7.325	49	128073	198.531	ug/l	96
29) Tetrahydrofuran	7.344	42	245211	987.008	ug/l	99
30) Chloroform	7.502	83	283941	164.331	ug/l	97
31) Cyclohexane	7.777	56	226819	162.912	ug/l	98
32) 1,1,1-Trichloroethane	7.697	97	250979	155.549	ug/l	98
36) 1,1-Dichloropropene	7.911	75	205789	156.663	ug/l	99
37) Ethyl Acetate	7.069	43	166670	187.108	ug/l	97
38) Carbon Tetrachloride	7.892	117	228137	145.314	ug/l	98
39) Methylcyclohexane	9.179	83	240712	155.065	ug/l	97
40) Benzene	8.155	78	592112	154.536	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040723\
 Data File : VY013224.D
 Acq On : 07 Apr 2023 18:52
 Operator : KP/MD
 Sample : VSTDCCC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Apr 07 23:07:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040723S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 07 22:57:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	231400	515.900	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	206217	156.835	ug/l	99
43) Isopropyl Acetate	8.264	43	307461	193.780	ug/l	96
44) Trichloroethene	8.935	130	155320	145.399	ug/l	97
45) 1,2-Dichloropropane	9.209	63	158306	171.977	ug/l	97
46) Dibromomethane	9.301	93	94064	160.651	ug/l	99
47) Bromodichloromethane	9.490	83	225532	161.921	ug/l	99
48) Methyl methacrylate	9.289	41	140069	193.929	ug/l	95
49) 1,4-Dioxane	9.295	88	28189	3419.247	ug/l	88
51) 4-Methyl-2-Pentanone	10.063	43	826950	939.726	ug/l	98
52) Toluene	10.240	92	373209	154.110	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	245284	166.155	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	262543	167.931	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	129366	161.638	ug/l	99
56) Ethyl methacrylate	10.508	69	197651	180.329	ug/l	94
57) 1,3-Dichloropropane	10.788	76	225769	167.172	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	435288	902.108	ug/l	99
59) 2-Hexanone	10.831	43	598422	921.380	ug/l	97
60) Dibromochloromethane	10.983	129	163897	157.742	ug/l	99
61) 1,2-Dibromoethane	11.087	107	127168	158.959	ug/l	100
64) Tetrachloroethene	10.715	164	134057	136.200	ug/l	97
65) Chlorobenzene	11.514	112	402910	147.008	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	158489	149.831	ug/l	98
67) Ethyl Benzene	11.587	91	736916	157.452	ug/l	98
68) m/p-Xylenes	11.697	106	560210	304.276	ug/l	99
69) o-Xylene	12.026	106	266910	154.279	ug/l	100
70) Styrene	12.038	104	455209	155.714	ug/l	98
71) Bromoform	12.203	173	112341	153.216	ug/l #	98
73) Isopropylbenzene	12.325	105	712681	162.224	ug/l	100
74) N-amyl acetate	12.142	43	258275	191.334	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	165851	168.912	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	218769	299.956	ug/l #	100
77) Bromobenzene	12.605	156	170785	151.361	ug/l	100
78) n-propylbenzene	12.666	91	860440	163.485	ug/l	100
79) 2-Chlorotoluene	12.751	91	481988	161.284	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	582999	157.356	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	61412	174.418	ug/l	95
82) 4-Chlorotoluene	12.849	91	493562	156.730	ug/l	98
83) tert-Butylbenzene	13.074	119	524600	158.198	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	574413	157.351	ug/l	98
85) sec-Butylbenzene	13.251	105	748658	157.561	ug/l	100
86) p-Isopropyltoluene	13.367	119	629881	154.335	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	324394	146.448	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	324929	145.675	ug/l	99
89) n-Butylbenzene	13.690	91	595095	162.825	ug/l	100
90) Hexachloroethane	13.958	117	127491	158.139	ug/l	99
91) 1,2-Dichlorobenzene	13.733	146	299432	149.305	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	30780	164.302	ug/l	98
93) 1,2,4-Trichlorobenzene	15.001	180	195233	154.922	ug/l	98
94) Hexachlorobutadiene	15.111	225	109019	140.746	ug/l	99
95) Naphthalene	15.233	128	449995	167.168	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	176017	149.200	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040723\
Data File : VY013224.D
Acq On : 07 Apr 2023 18:52
Operator : KP/MD
Sample : VSTDCCC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Quant Time: Apr 07 23:07:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040723S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 07 22:57:18 2023
Response via : Initial Calibration

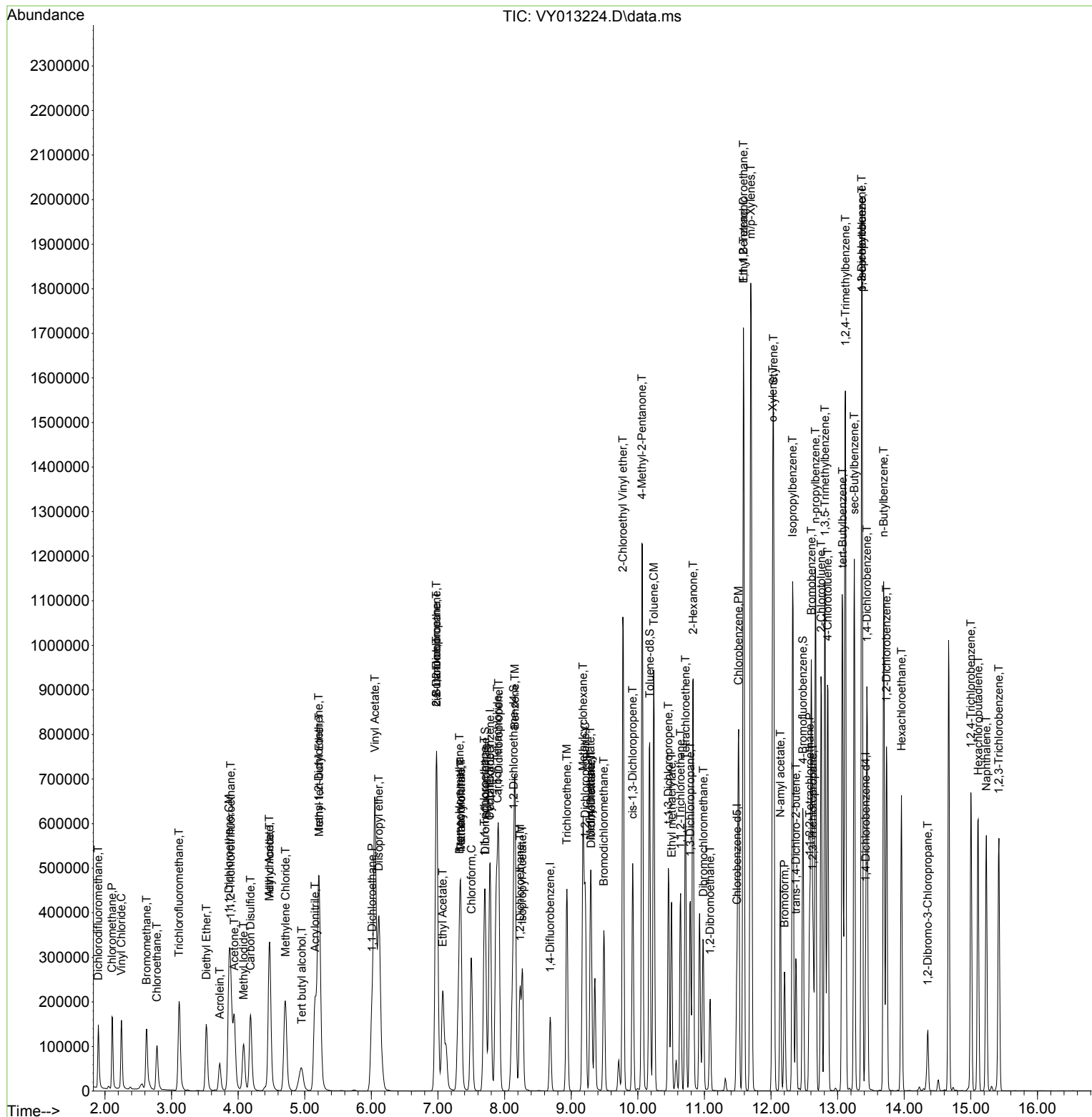
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

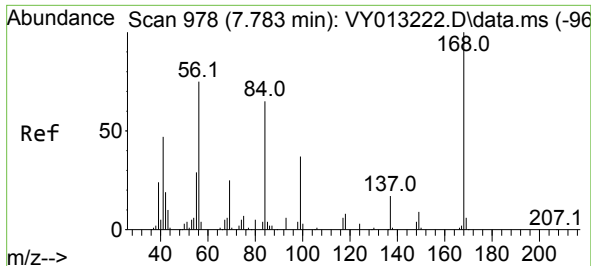
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040723\
 Data File : VY013224.D
 Acq On : 07 Apr 2023 18:52
 Operator : KP/MD
 Sample : VSTDCCC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Apr 07 23:07:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040723S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 07 22:57:18 2023
 Response via : Initial Calibration

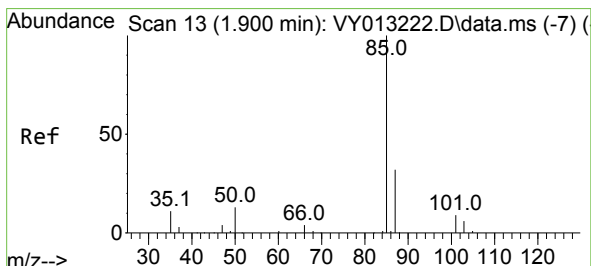
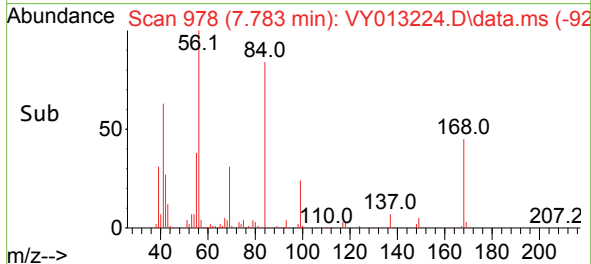
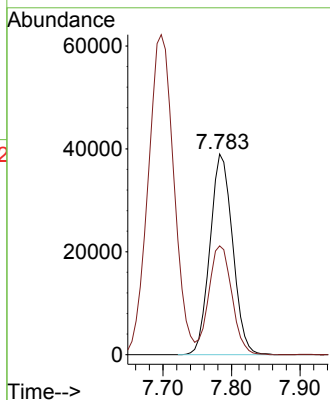
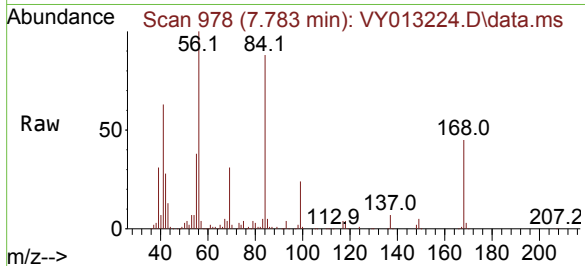




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013224.D
Acq: 07 Apr 2023 18:52

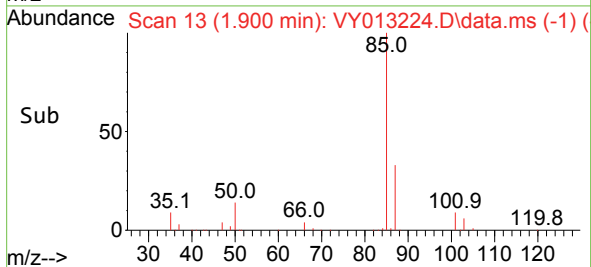
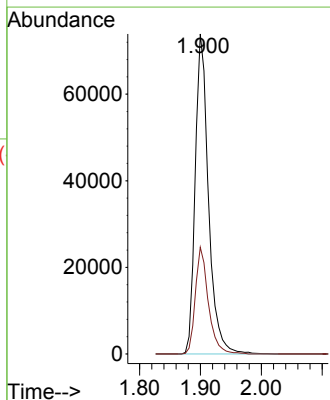
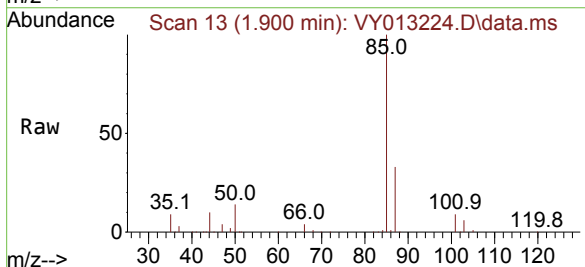
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

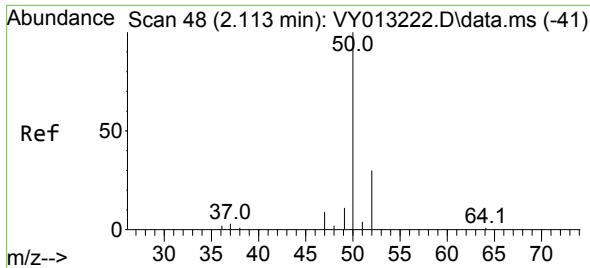
Tgt Ion:168 Resp: 89381
Ion Ratio Lower Upper
168 100
99 54.2 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 138.458 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY013224.D
Acq: 07 Apr 2023 18:52

Tgt Ion: 85 Resp: 111524
Ion Ratio Lower Upper
85 100
87 33.4 16.7 50.0

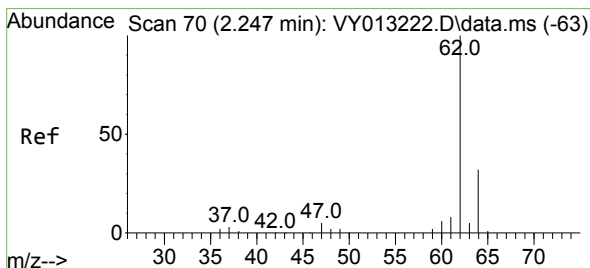
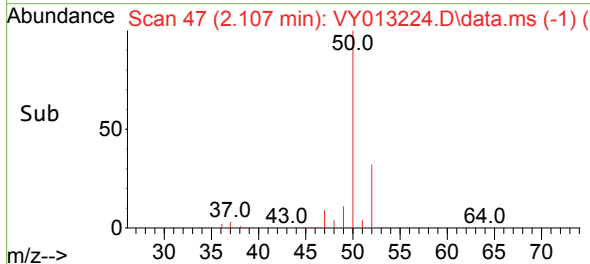
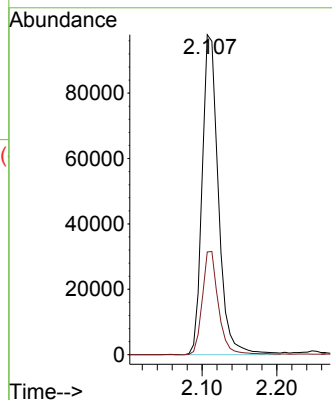
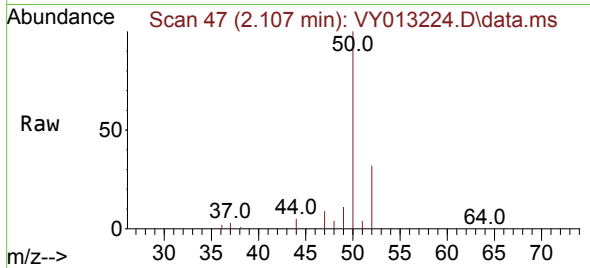




#3
Chloromethane
Concen: 219.903 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013224.D
Acq: 07 Apr 2023 18:52

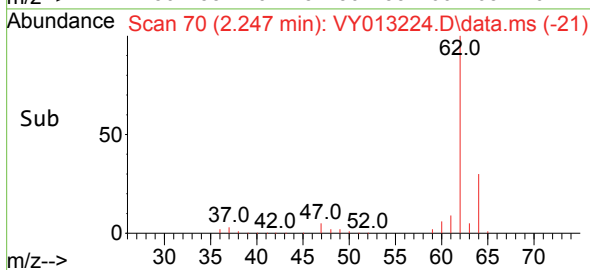
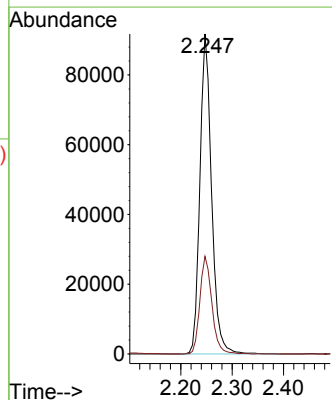
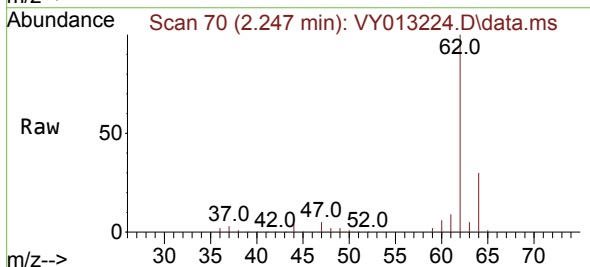
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

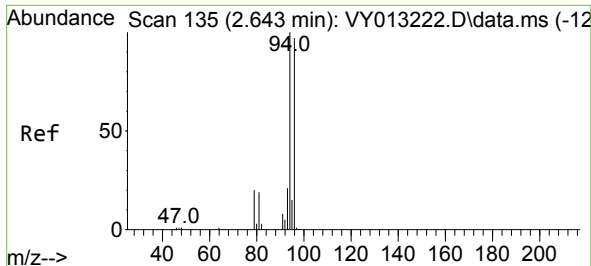
Tgt Ion: 50 Resp: 147872
Ion Ratio Lower Upper
50 100
52 32.1 26.0 39.0



#4
Vinyl Chloride
Concen: 167.681 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.000 min
Lab File: VY013224.D
Acq: 07 Apr 2023 18:52

Tgt Ion: 62 Resp: 144598
Ion Ratio Lower Upper
62 100
64 30.5 25.6 38.4

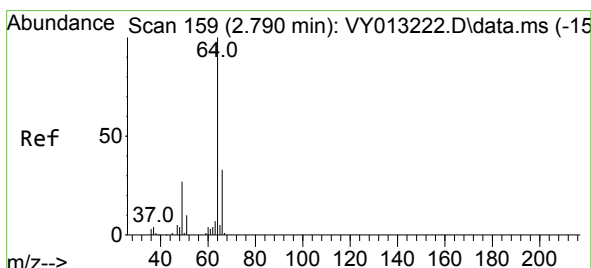
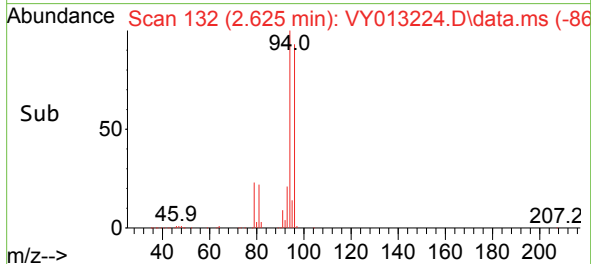
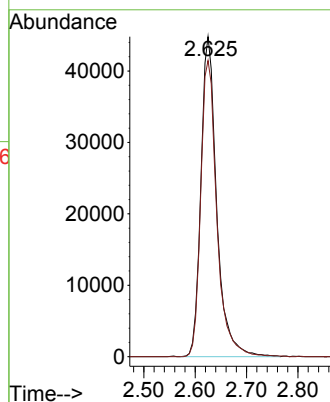
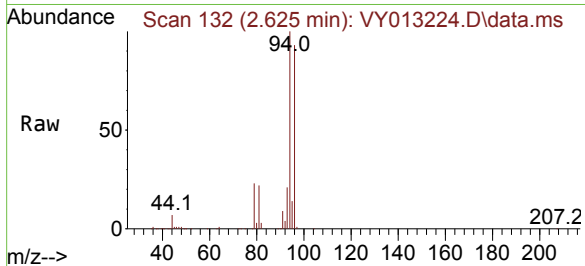




#5
Bromomethane
Concen: 160.104 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY013224.D
Acq: 07 Apr 2023 18:52

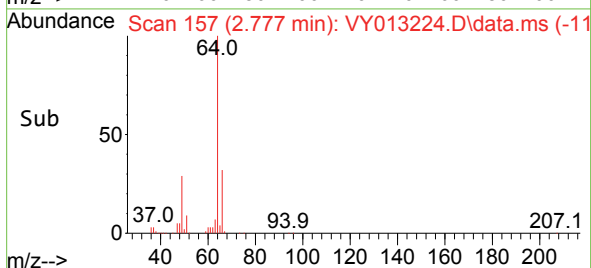
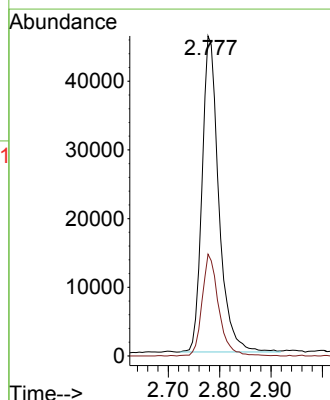
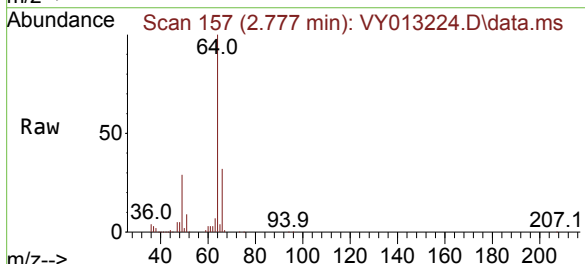
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

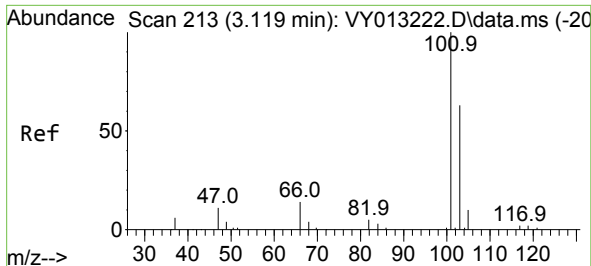
Tgt Ion: 94 Resp: 95566
Ion Ratio Lower Upper
94 100
96 92.5 80.3 120.5



#6
Chloroethane
Concen: 184.540 ug/l
RT: 2.777 min Scan# 157
Delta R.T. -0.012 min
Lab File: VY013224.D
Acq: 07 Apr 2023 18:52

Tgt Ion: 64 Resp: 103739
Ion Ratio Lower Upper
64 100
66 32.2 25.7 38.5

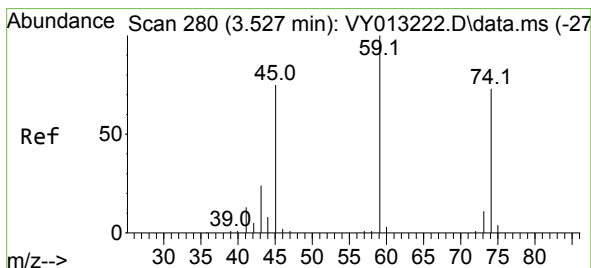
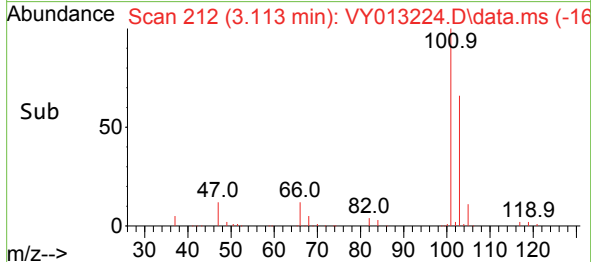
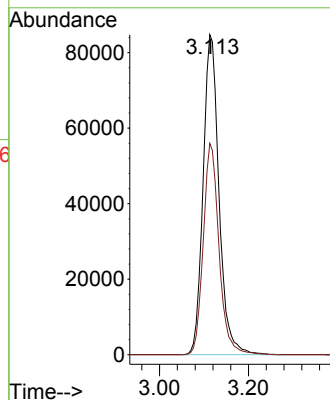
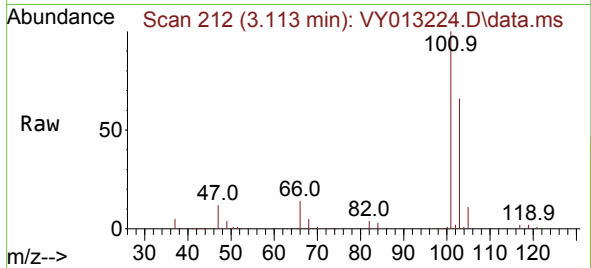




#7
 Trichlorofluoromethane
 Concen: 142.580 ug/l
 RT: 3.113 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: VY013224.D
 Acq: 07 Apr 2023 18:52

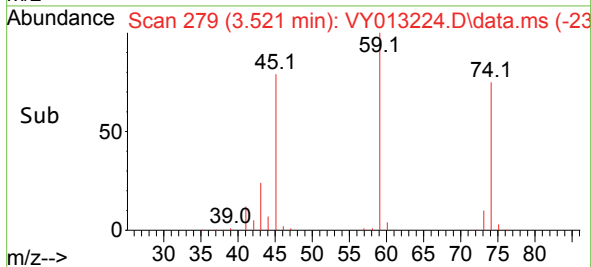
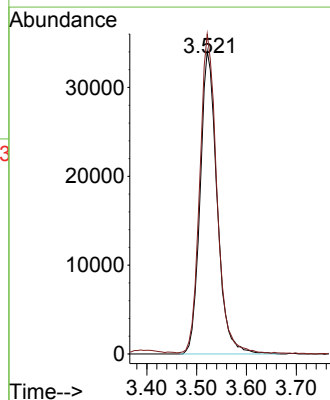
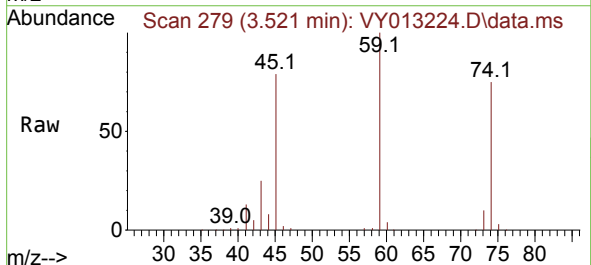
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

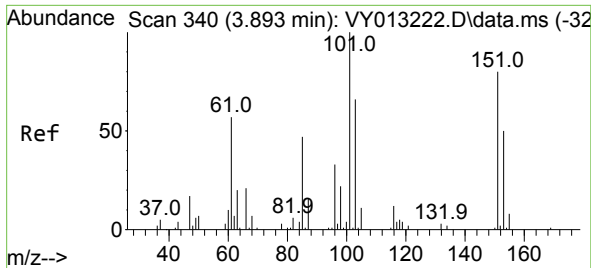
Tgt Ion:101 Resp: 211318
 Ion Ratio Lower Upper
 101 100
 103 66.0 51.5 77.3



#8
 Diethyl Ether
 Concen: 148.982 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.006 min
 Lab File: VY013224.D
 Acq: 07 Apr 2023 18:52

Tgt Ion: 74 Resp: 80497
 Ion Ratio Lower Upper
 74 100
 45 106.6 52.1 156.4

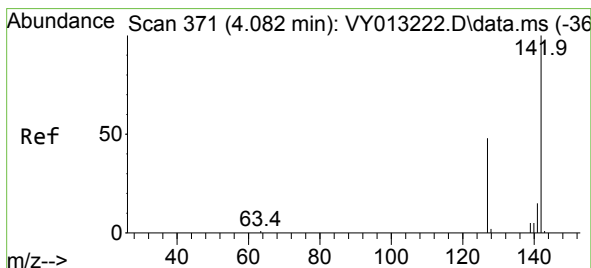
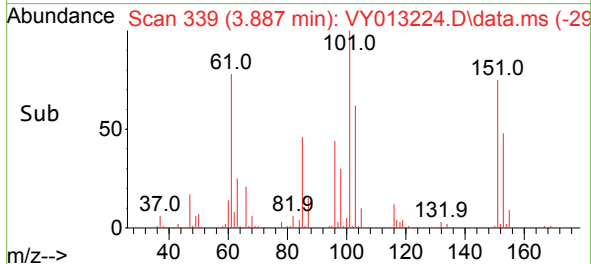
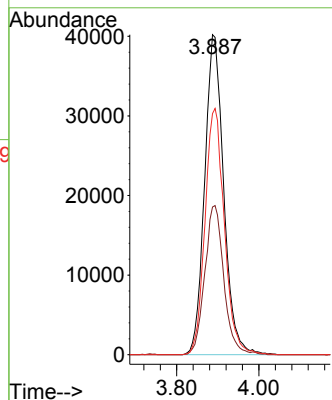
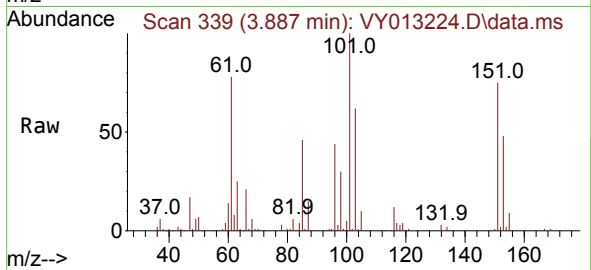




#9
1,1,2-Trichlorotrifluoroethane
Concen: 147.707 ug/l
RT: 3.887 min Scan# 339
Delta R.T. -0.006 min
Lab File: VY013224.D
Acq: 07 Apr 2023 18:52

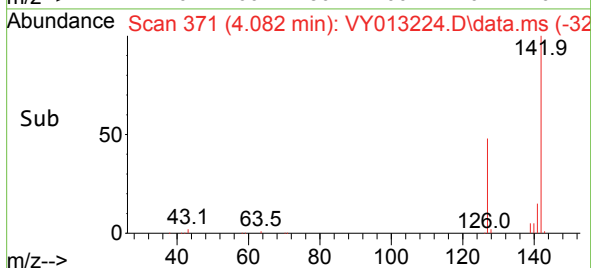
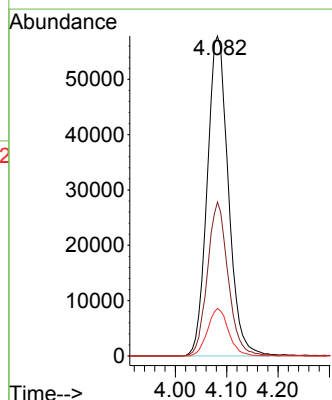
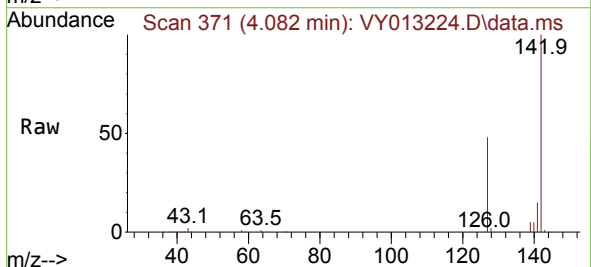
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

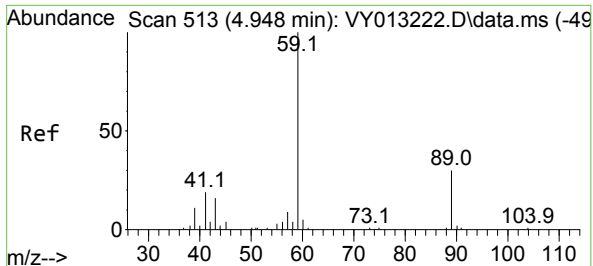
Tgt Ion:101 Resp: 129291
Ion Ratio Lower Upper
101 100
85 46.8 35.3 52.9
151 78.3 63.1 94.7



#10
Methyl Iodide
Concen: 147.330 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.000 min
Lab File: VY013224.D
Acq: 07 Apr 2023 18:52

Tgt Ion:142 Resp: 165766
Ion Ratio Lower Upper
142 100
127 47.1 35.4 53.2
141 14.7 11.3 16.9

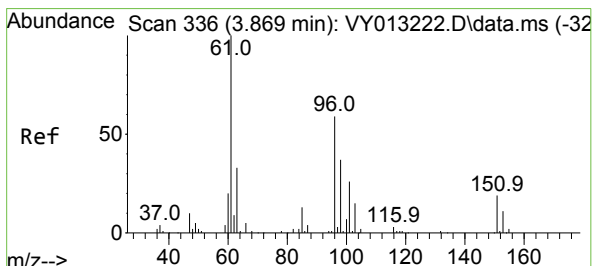
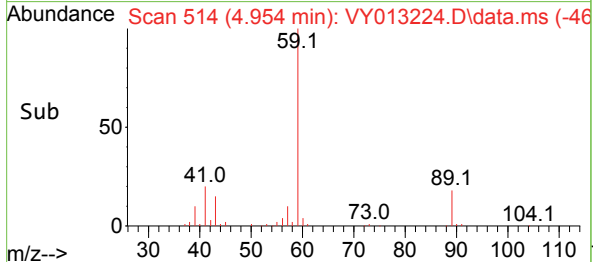
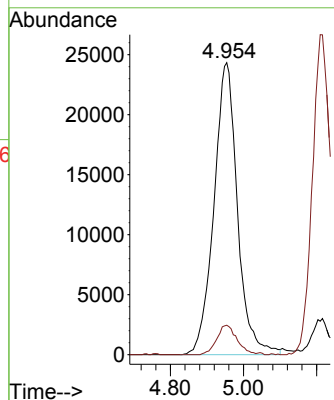
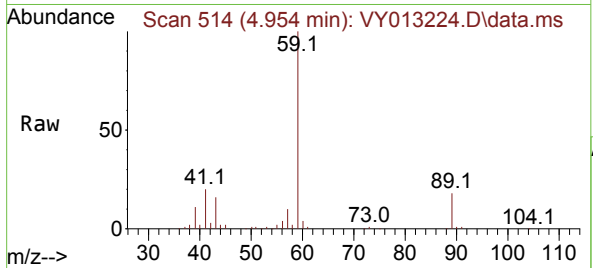




#11
Tert butyl alcohol
Concen: 636.840 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY013224.D
Acq: 07 Apr 2023 18:52

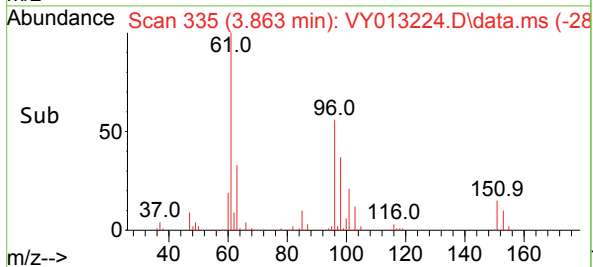
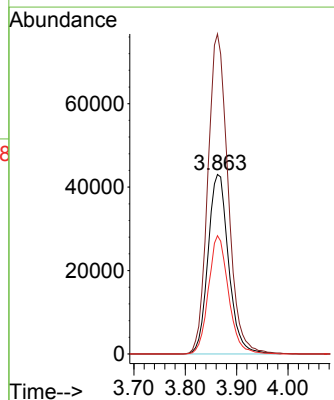
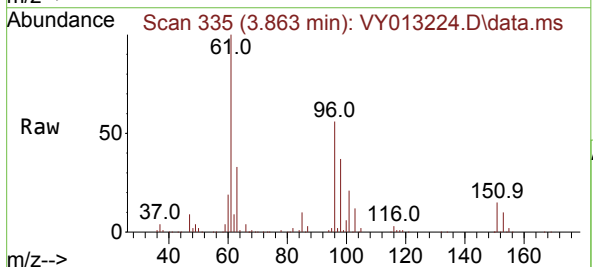
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

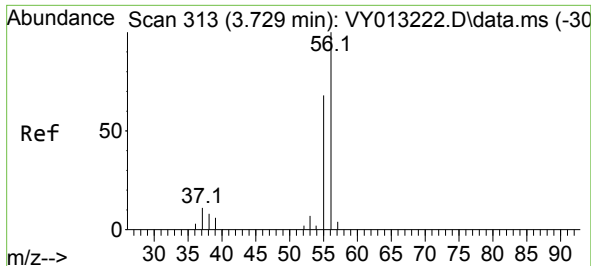
Tgt Ion: 59 Resp: 108767
Ion Ratio Lower Upper
59 100
57 8.7 7.7 11.5



#12
1,1-Dichloroethene
Concen: 145.371 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.006 min
Lab File: VY013224.D
Acq: 07 Apr 2023 18:52

Tgt Ion: 96 Resp: 119437
Ion Ratio Lower Upper
96 100
61 178.3 131.7 197.5
98 65.9 52.0 78.0





#13

Acrolein

Concen: 713.035 ug/l

RT: 3.722 min Scan# 313

Delta R.T. -0.006 min

Lab File: VY013224.D

Acq: 07 Apr 2023 18:52

Instrument :

MSVOA_Y

ClientSampleId :

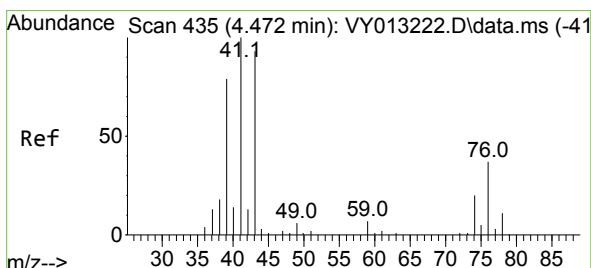
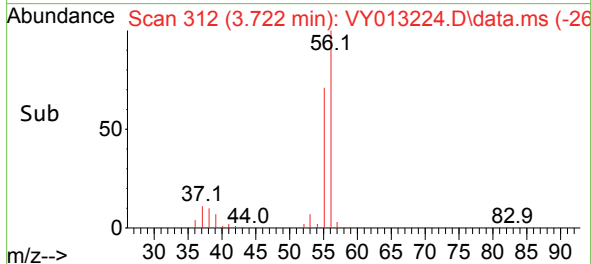
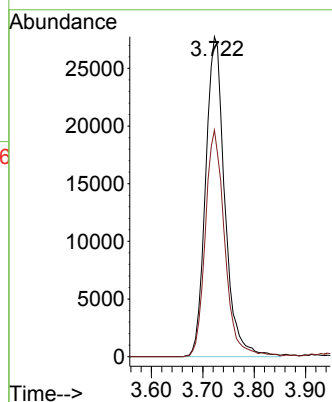
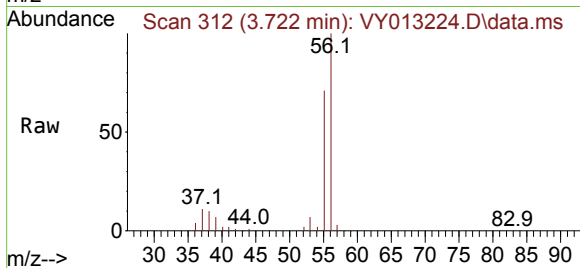
VSTDIC150

Tgt Ion: 56 Resp: 71850

Ion Ratio Lower Upper

56 100

55 71.7 56.8 85.2



#14

Allyl chloride

Concen: 192.017 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.000 min

Lab File: VY013224.D

Acq: 07 Apr 2023 18:52

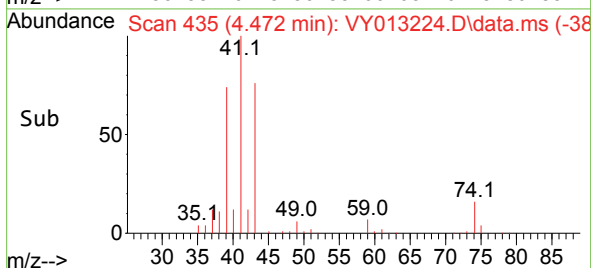
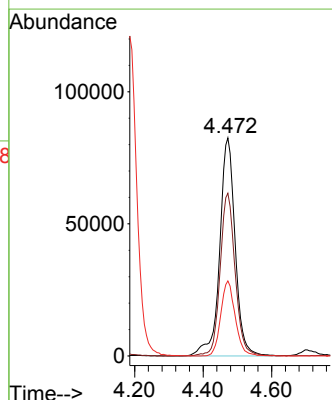
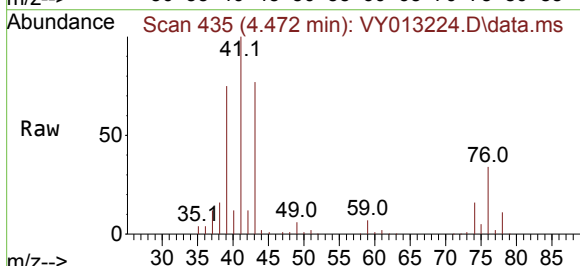
Tgt Ion: 41 Resp: 258061

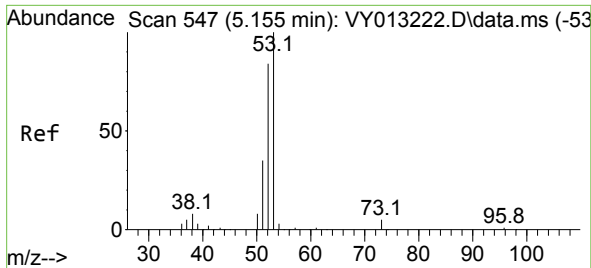
Ion Ratio Lower Upper

41 100

39 72.4 53.6 80.4

76 32.2 27.2 40.8





#15

Acrylonitrile

Concen: 927.609 ug/l

RT: 5.155 min Scan# 54

Delta R.T. -0.000 min

Lab File: VY013224.D

Acq: 07 Apr 2023 18:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

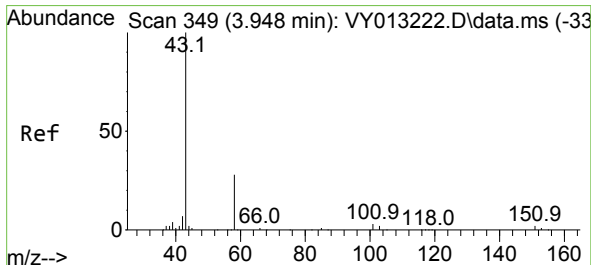
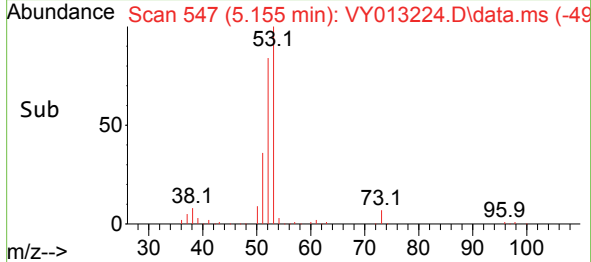
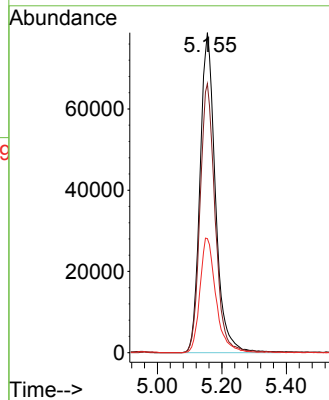
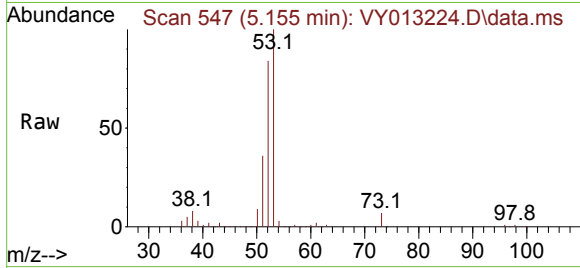
Tgt Ion: 53 Resp: 260774

Ion Ratio Lower Upper

53 100

52 82.4 66.3 99.5

51 37.3 28.8 43.2



#16

Acetone

Concen: 824.887 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.006 min

Lab File: VY013224.D

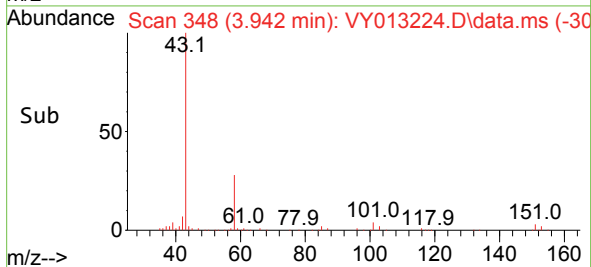
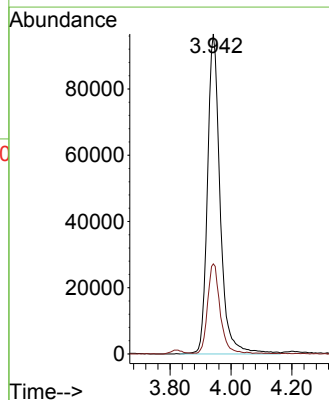
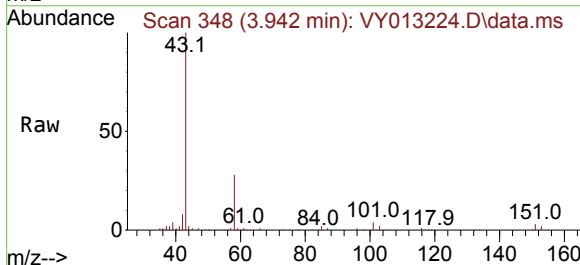
Acq: 07 Apr 2023 18:52

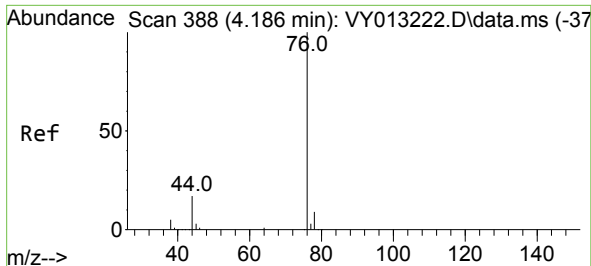
Tgt Ion: 43 Resp: 279297

Ion Ratio Lower Upper

43 100

58 28.0 24.2 36.2

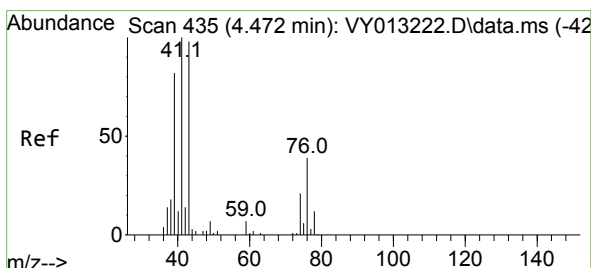
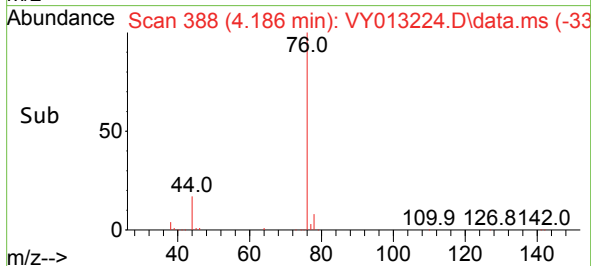
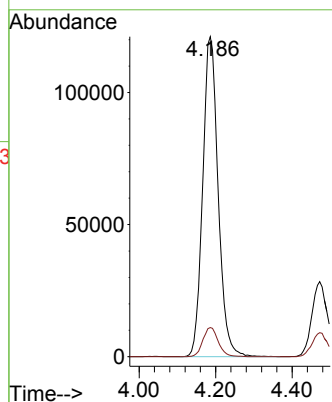
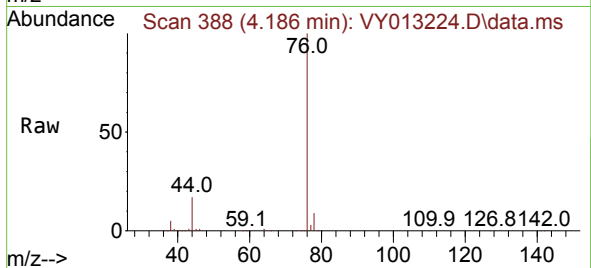




#17
Carbon Disulfide
Concen: 144.538 ug/l
RT: 4.186 min Scan# 311
Delta R.T. -0.000 min
Lab File: VY013224.D
Acq: 07 Apr 2023 18:52

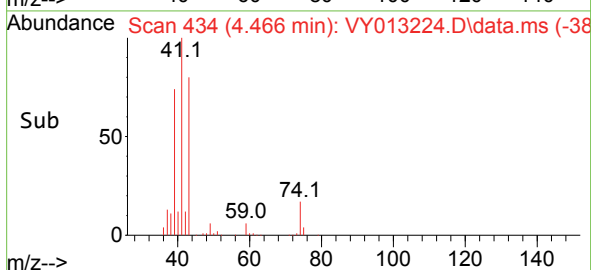
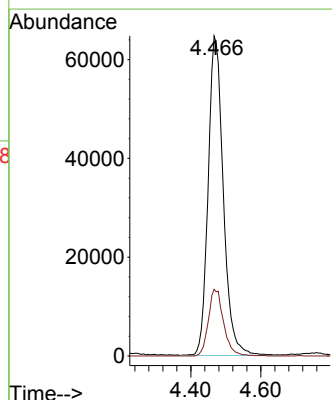
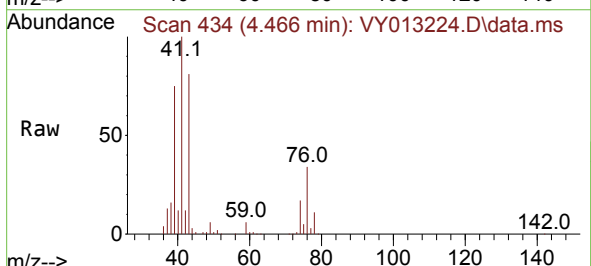
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

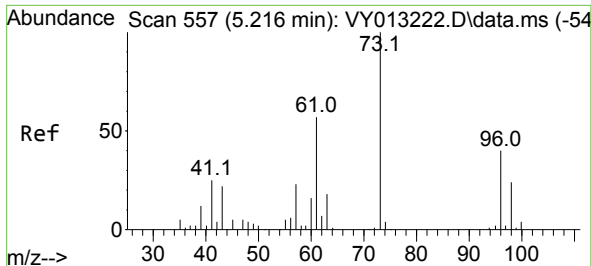
Tgt Ion: 76 Resp: 339351
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 195.377 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY013224.D
Acq: 07 Apr 2023 18:52

Tgt Ion: 43 Resp: 194619
Ion Ratio Lower Upper
43 100
74 20.9 17.4 26.0

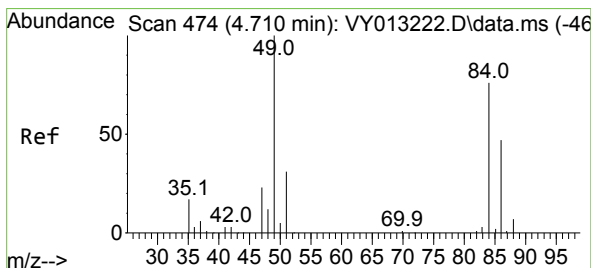
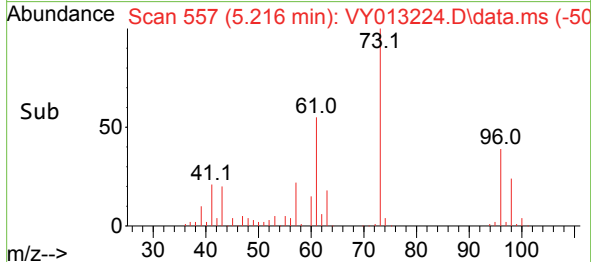
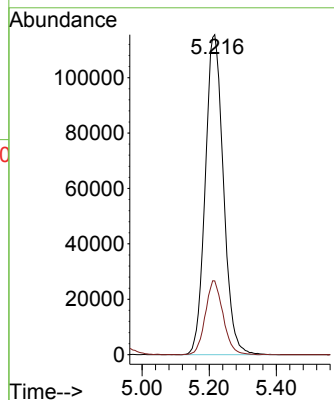
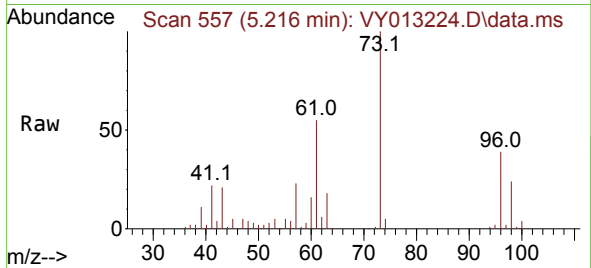




#19
Methyl tert-butyl Ether
Concen: 175.847 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY013224.D
Acq: 07 Apr 2023 18:52

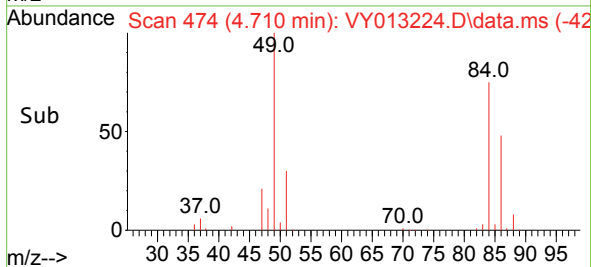
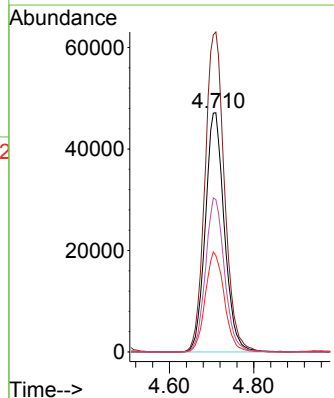
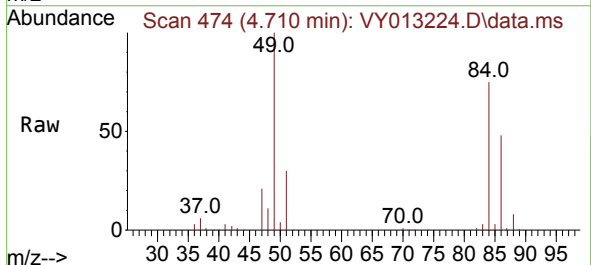
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

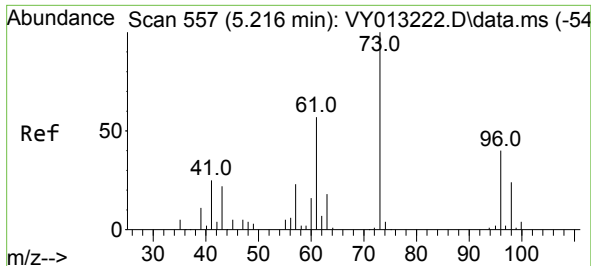
Tgt Ion: 73 Resp: 433923
Ion Ratio Lower Upper
73 100
57 23.1 18.3 27.5



#20
Methylene Chloride
Concen: 125.572 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.000 min
Lab File: VY013224.D
Acq: 07 Apr 2023 18:52

Tgt Ion: 84 Resp: 148063
Ion Ratio Lower Upper
84 100
49 133.7 102.6 154.0
51 40.3 31.9 47.9
86 63.6 51.0 76.6

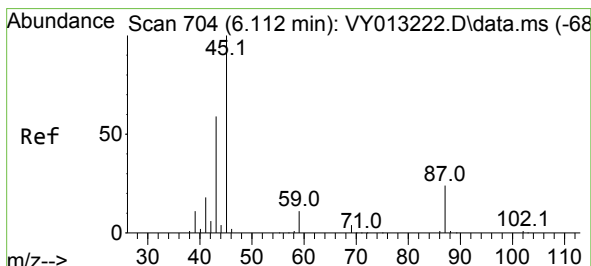
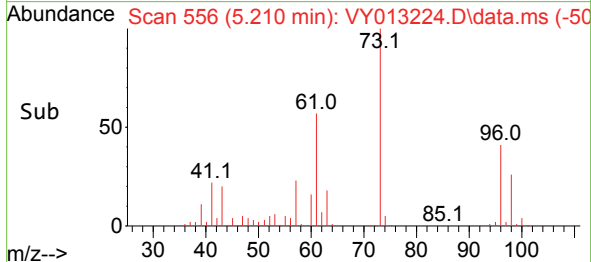
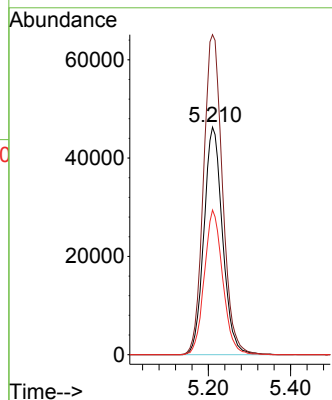
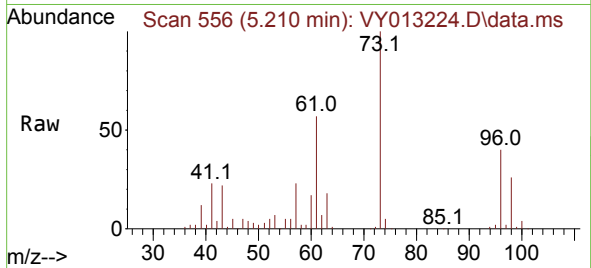




#21
trans-1,2-Dichloroethene
Concen: 159.694 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013224.D
Acq: 07 Apr 2023 18:52

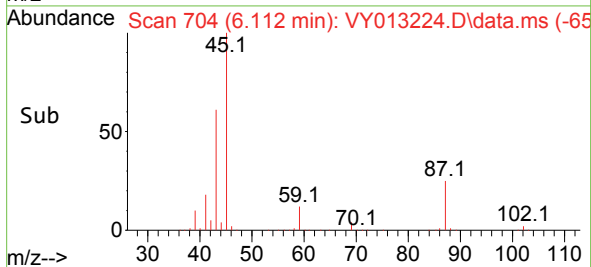
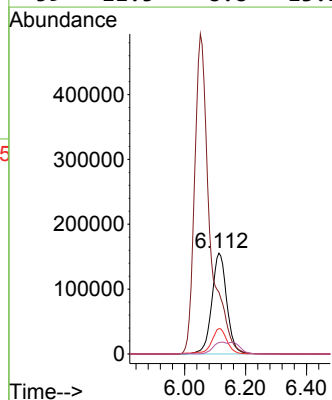
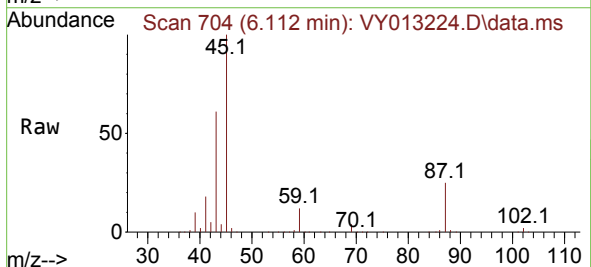
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

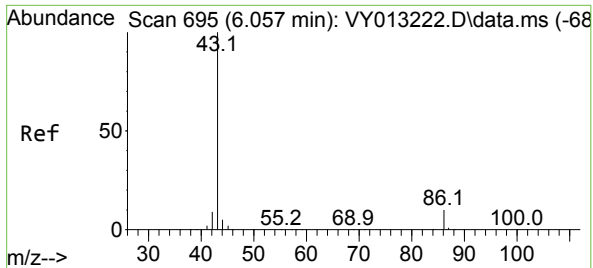
Tgt Ion: 96 Resp: 145572
Ion Ratio Lower Upper
96 100
61 140.6 111.4 167.0
98 63.5 50.8 76.2



#22
Diisopropyl ether
Concen: 195.675 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.000 min
Lab File: VY013224.D
Acq: 07 Apr 2023 18:52

Tgt Ion: 45 Resp: 530207
Ion Ratio Lower Upper
45 100
43 61.3 45.0 67.6
87 25.1 20.3 30.5
59 11.5 8.8 13.2

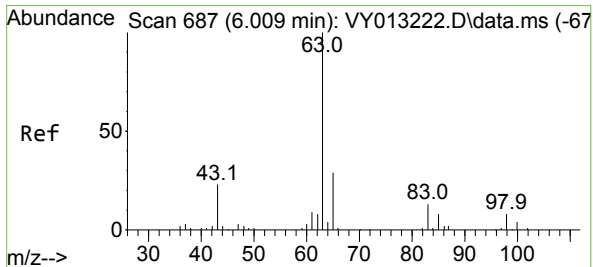
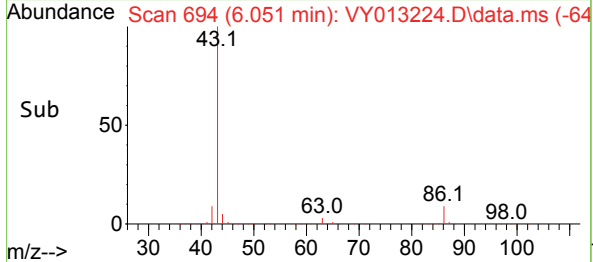
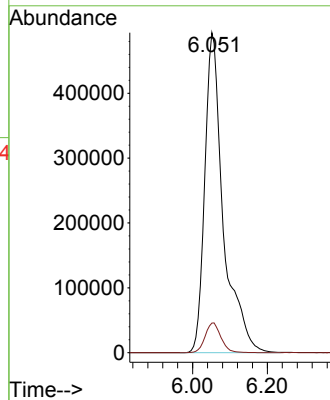
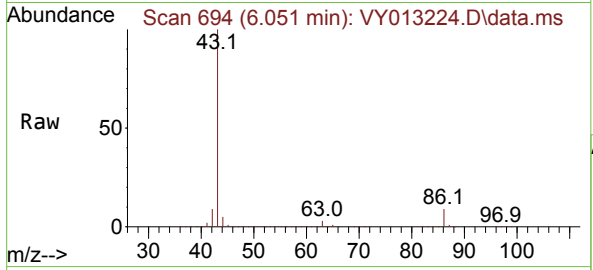




#23
 Vinyl Acetate
 Concen: 995.871 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY013224.D
 Acq: 07 Apr 2023 18:52

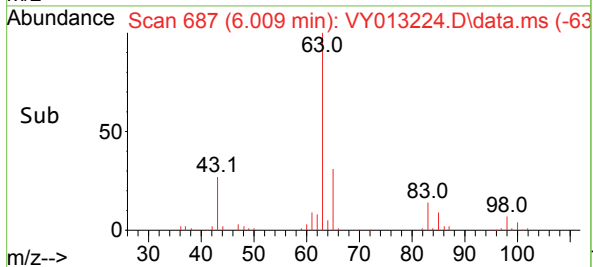
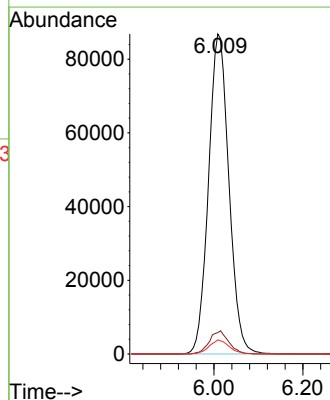
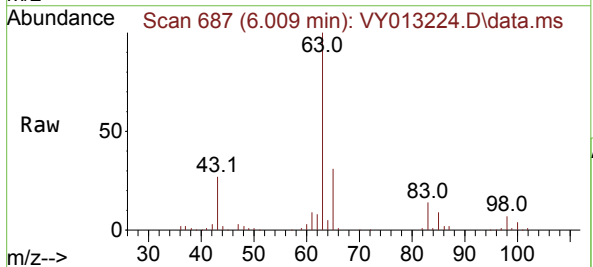
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

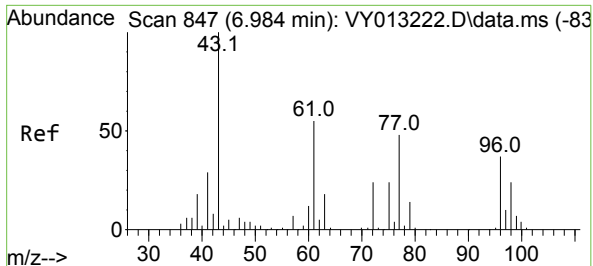
Tgt Ion: 43 Resp: 1695994
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 174.023 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY013224.D
 Acq: 07 Apr 2023 18:52

Tgt Ion: 63 Resp: 276624
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.7 11.1
 100 4.4 2.3 6.8





#25

2-Butanone

Concen: 898.251 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY013224.D

Acq: 07 Apr 2023 18:52

Instrument :

MSVOA_Y

ClientSampleId :

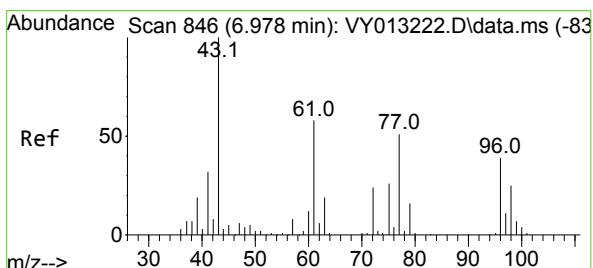
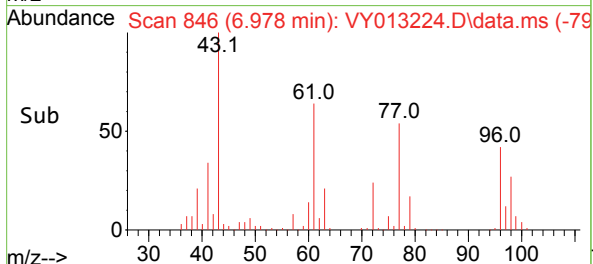
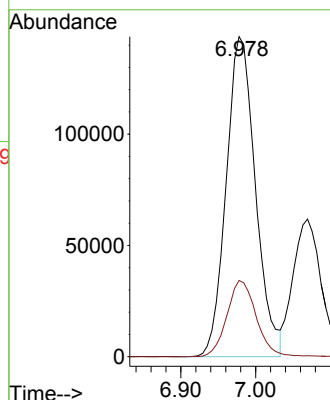
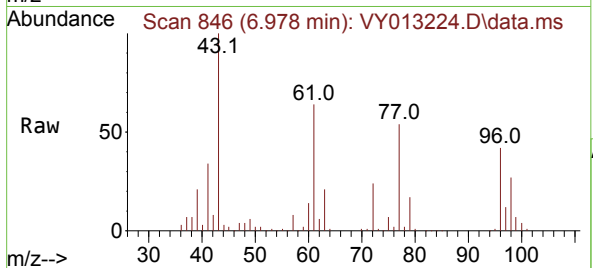
VSTDIC150

Tgt Ion: 43 Resp: 392259

Ion Ratio Lower Upper

43 100

72 23.8 21.0 31.4



#26

2,2-Dichloropropane

Concen: 146.814 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY013224.D

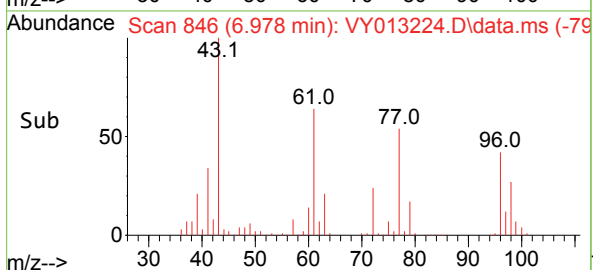
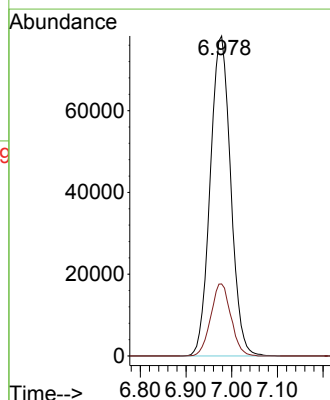
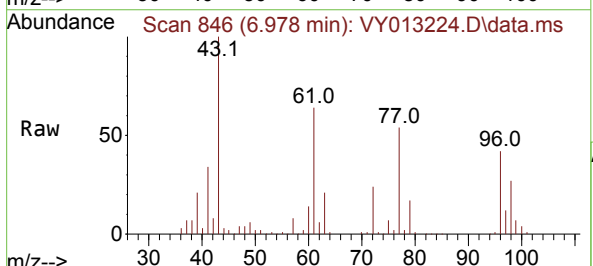
Acq: 07 Apr 2023 18:52

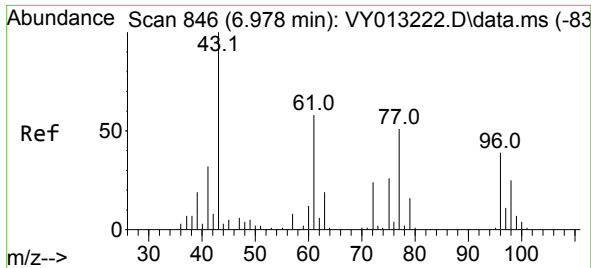
Tgt Ion: 77 Resp: 242646

Ion Ratio Lower Upper

77 100

97 22.3 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 158.654 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY013224.D

Acq: 07 Apr 2023 18:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

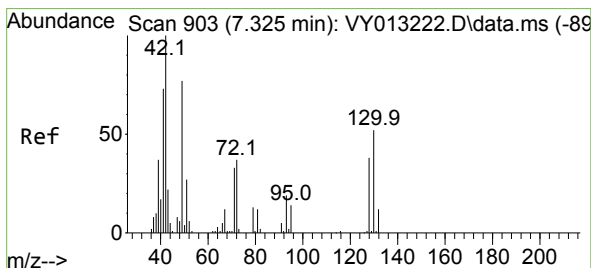
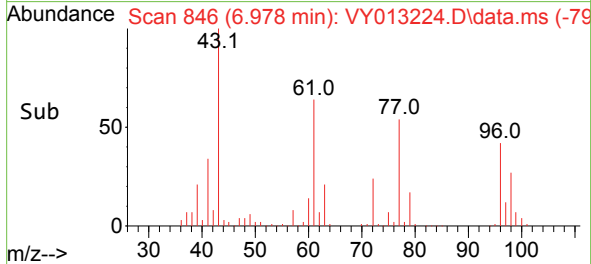
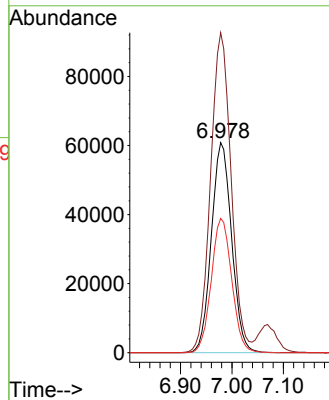
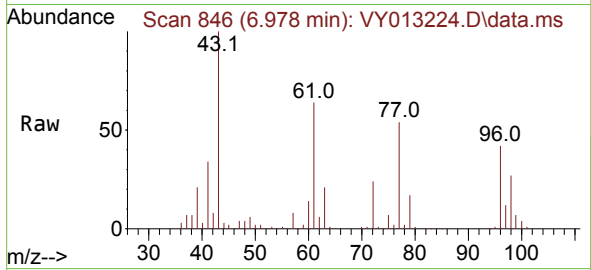
Tgt Ion: 96 Resp: 166554

Ion Ratio Lower Upper

96 100

61 154.3 0.0 295.8

98 64.5 0.0 130.2



#28

Bromochloromethane

Concen: 198.531 ug/l

RT: 7.325 min Scan# 903

Delta R.T. -0.000 min

Lab File: VY013224.D

Acq: 07 Apr 2023 18:52

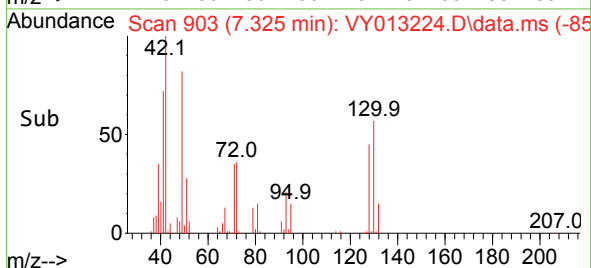
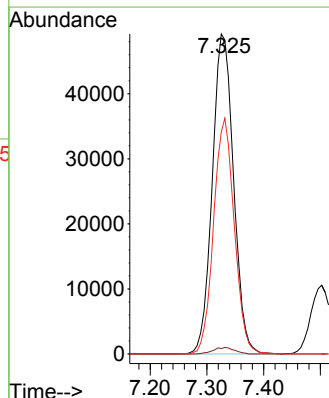
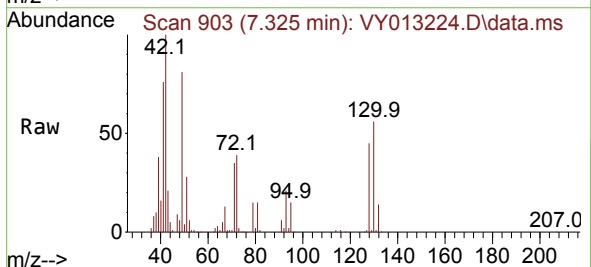
Tgt Ion: 49 Resp: 128073

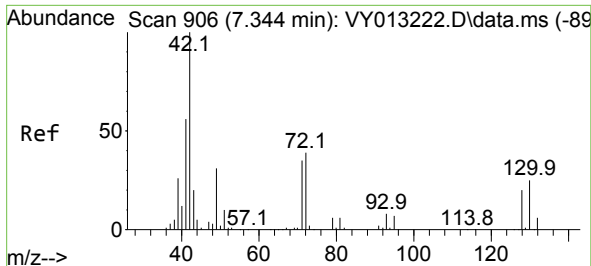
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.2

130 71.7 60.5 90.7





#29

Tetrahydrofuran

Concen: 987.008 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY013224.D

Acq: 07 Apr 2023 18:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

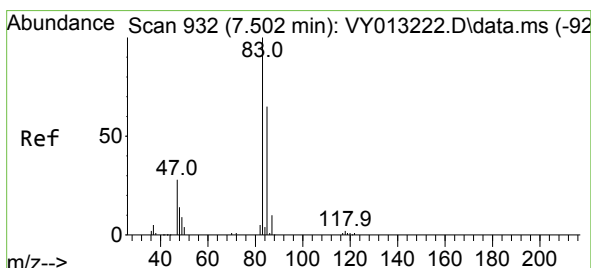
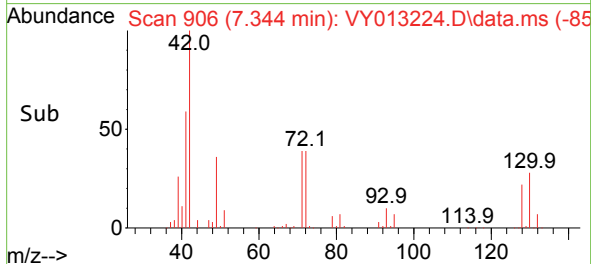
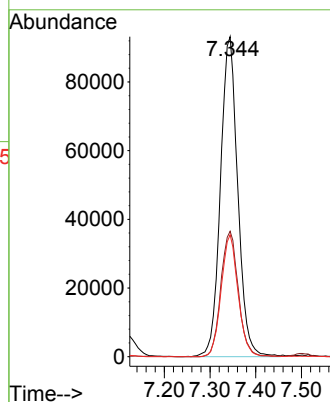
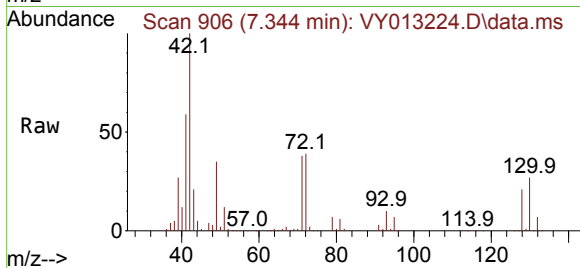
Tgt Ion: 42 Resp: 245211

Ion Ratio Lower Upper

42 100

72 39.5 32.3 48.5

71 37.2 30.3 45.5



#30

Chloroform

Concen: 164.331 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.000 min

Lab File: VY013224.D

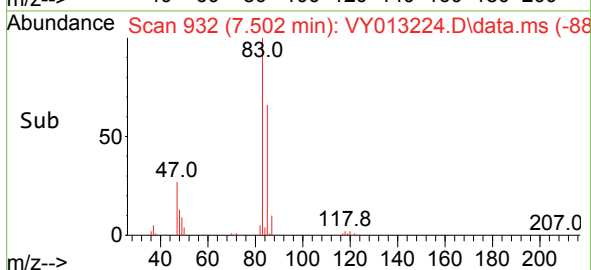
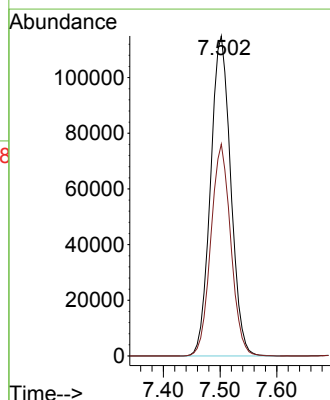
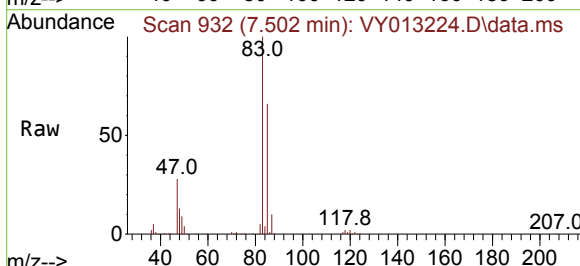
Acq: 07 Apr 2023 18:52

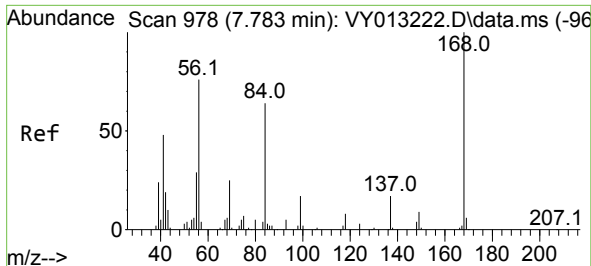
Tgt Ion: 83 Resp: 283941

Ion Ratio Lower Upper

83 100

85 66.2 51.4 77.0

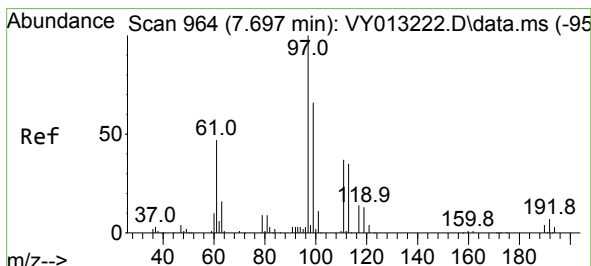
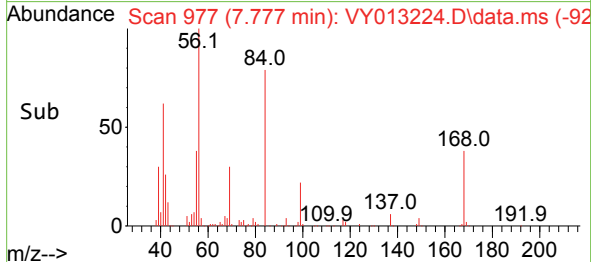
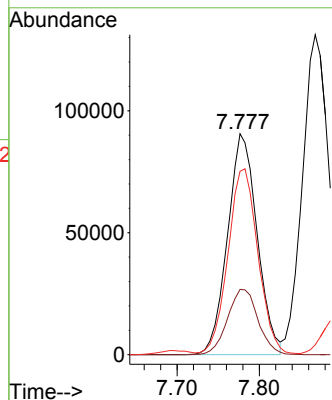
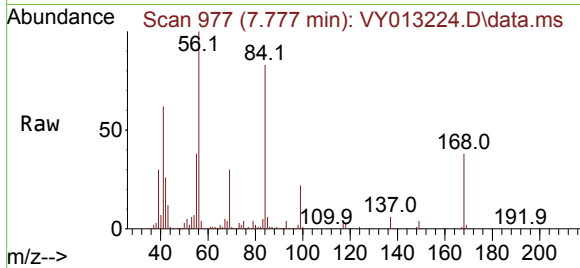




#31
Cyclohexane
Concen: 162.912 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013224.D
Acq: 07 Apr 2023 18:52

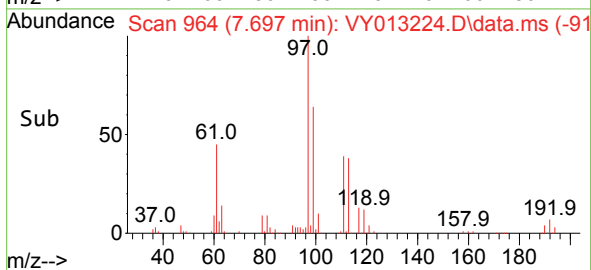
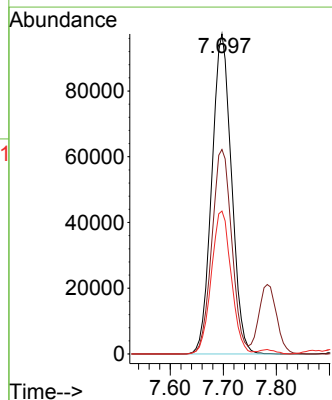
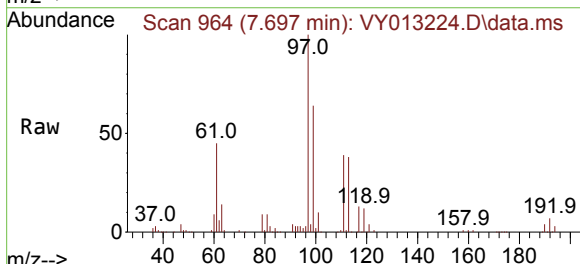
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

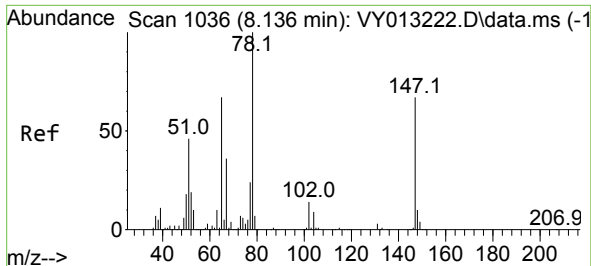
Tgt Ion: 56 Resp: 226819
Ion Ratio Lower Upper
56 100
69 29.5 25.7 38.5
84 81.4 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 155.549 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY013224.D
Acq: 07 Apr 2023 18:52

Tgt Ion: 97 Resp: 250979
Ion Ratio Lower Upper
97 100
99 64.8 51.0 76.6
61 45.3 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 160.151 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY013224.D

Acq: 07 Apr 2023 18:52

Instrument :

MSVOA_Y

ClientSampleId :

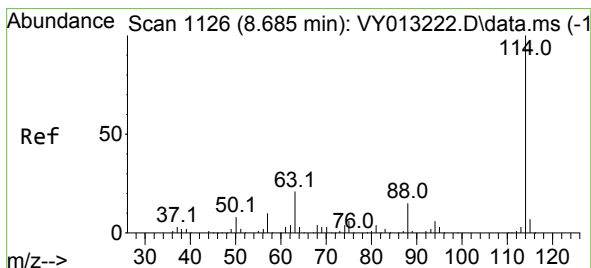
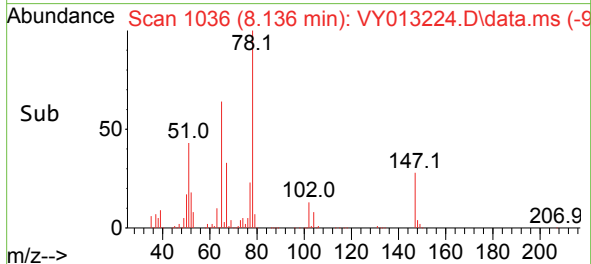
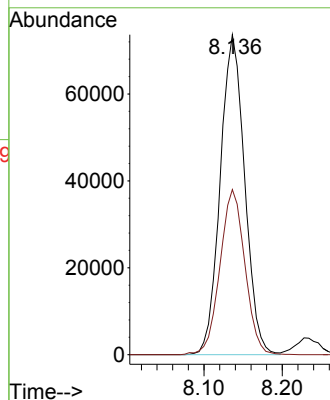
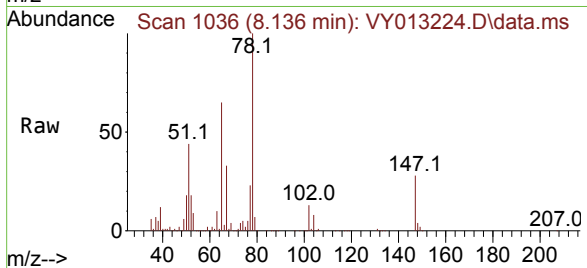
VSTDIC150

Tgt Ion: 65 Resp: 159806

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY013224.D

Acq: 07 Apr 2023 18:52

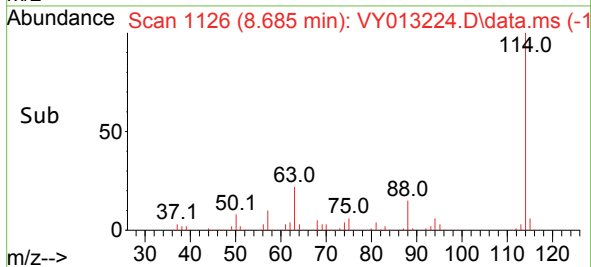
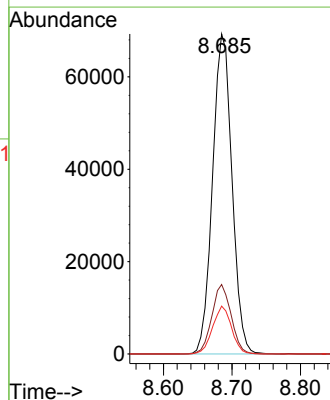
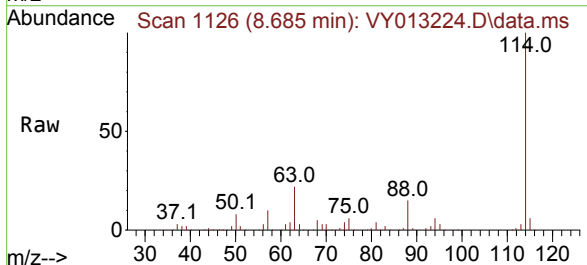
Tgt Ion: 114 Resp: 136189

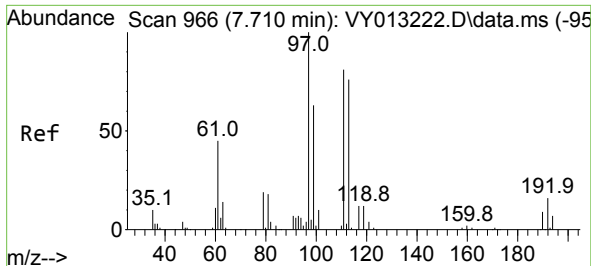
Ion Ratio Lower Upper

114 100

63 21.7 0.0 37.4

88 15.0 0.0 28.6

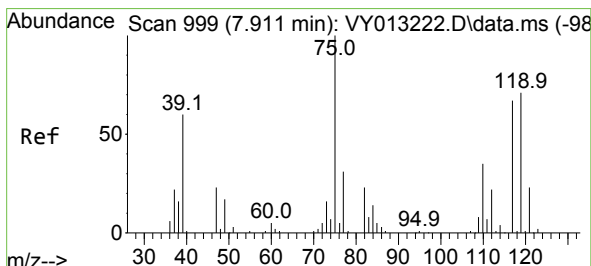
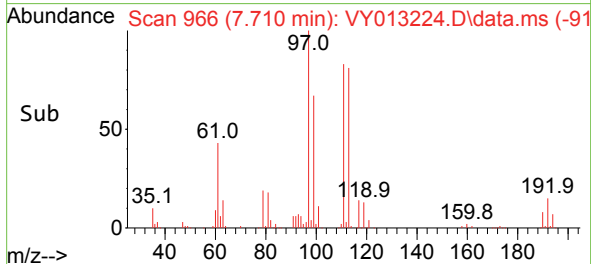
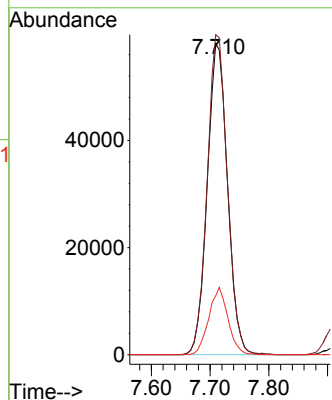
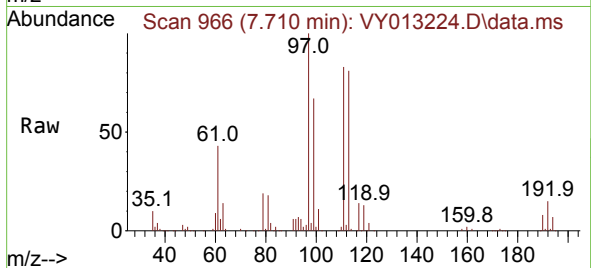




#35
Dibromofluoromethane
Concen: 156.623 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY013224.D
Acq: 07 Apr 2023 18:52

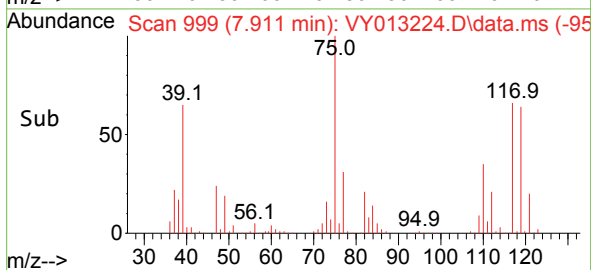
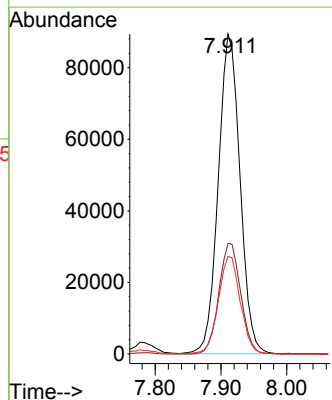
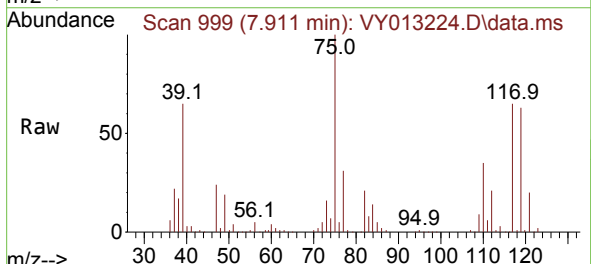
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

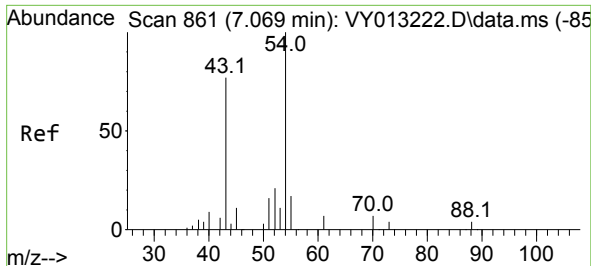
Tgt Ion:113 Resp: 139206
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 20.5 16.8 25.2



#36
1,1-Dichloropropene
Concen: 156.663 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY013224.D
Acq: 07 Apr 2023 18:52

Tgt Ion: 75 Resp: 205789
Ion Ratio Lower Upper
75 100
110 34.8 17.8 53.3
77 30.9 25.0 37.4





#37

Ethyl Acetate

Concen: 187.108 ug/l

RT: 7.069 min Scan# 861

Delta R.T. -0.000 min

Lab File: VY013224.D

Acq: 07 Apr 2023 18:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

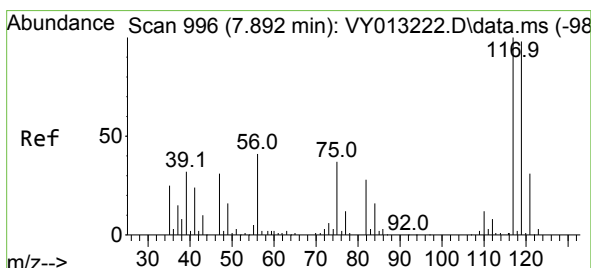
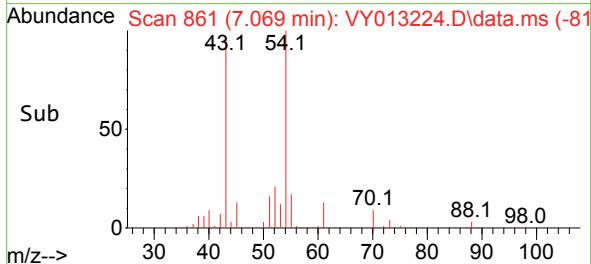
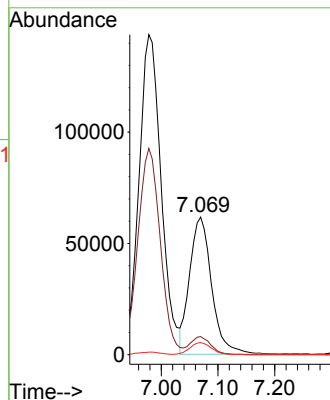
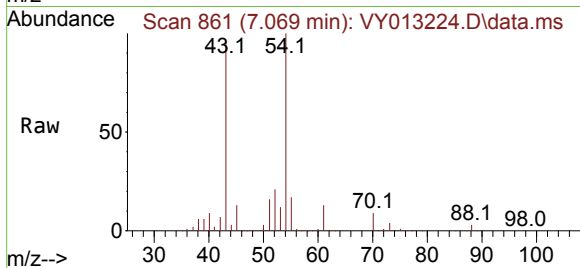
Tgt Ion: 43 Resp: 166670

Ion Ratio Lower Upper

43 100

61 12.2 10.7 16.1

70 8.7 7.8 11.8



#38

Carbon Tetrachloride

Concen: 145.314 ug/l

RT: 7.892 min Scan# 996

Delta R.T. -0.000 min

Lab File: VY013224.D

Acq: 07 Apr 2023 18:52

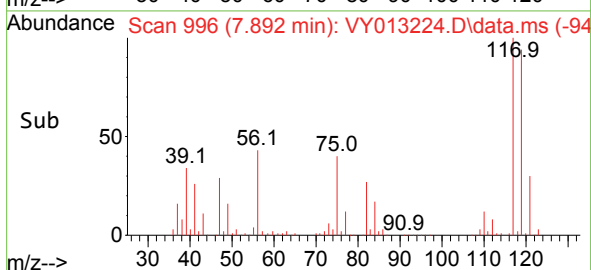
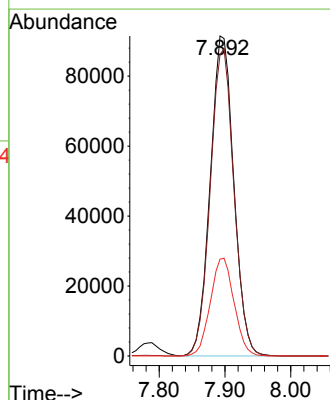
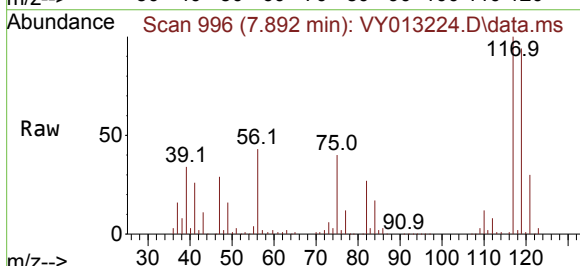
Tgt Ion: 117 Resp: 228137

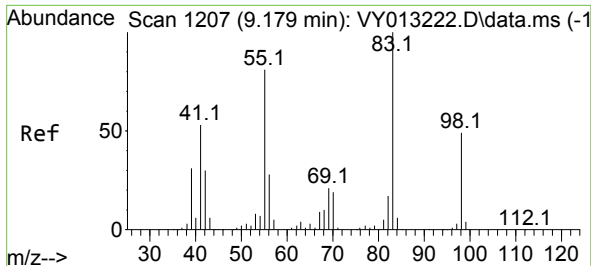
Ion Ratio Lower Upper

117 100

119 94.2 77.2 115.8

121 30.3 24.7 37.1





#39

Methylcyclohexane

Concen: 155.065 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013224.D

Acq: 07 Apr 2023 18:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

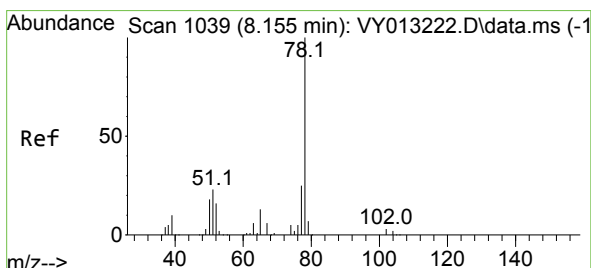
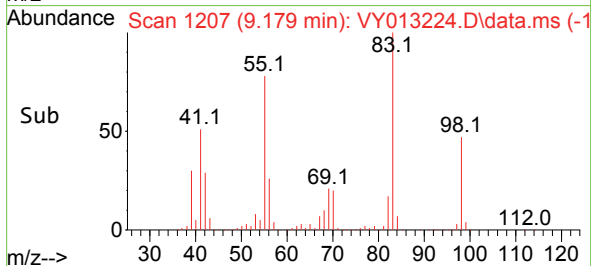
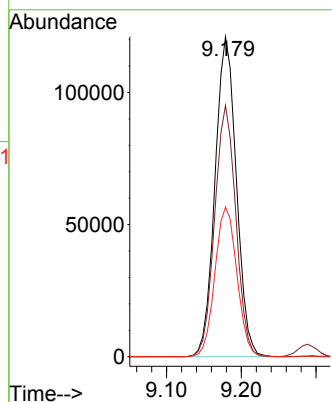
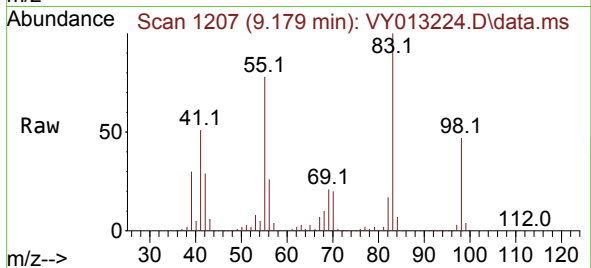
Tgt Ion: 83 Resp: 240712

Ion Ratio Lower Upper

83 100

55 78.5 60.0 90.0

98 46.8 38.3 57.5



#40

Benzene

Concen: 154.536 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY013224.D

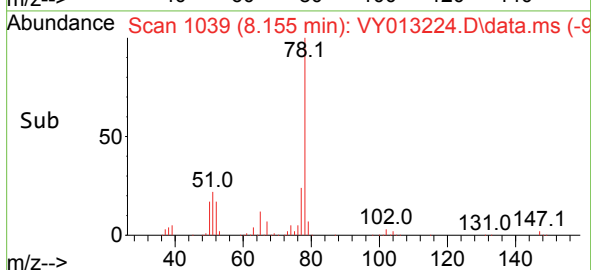
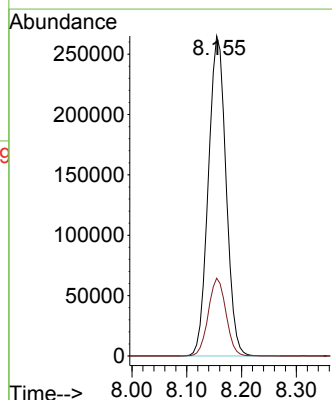
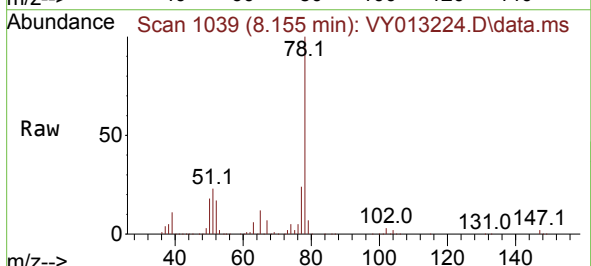
Acq: 07 Apr 2023 18:52

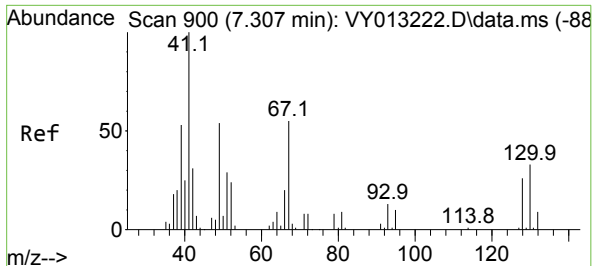
Tgt Ion: 78 Resp: 592112

Ion Ratio Lower Upper

78 100

77 24.3 19.4 29.0

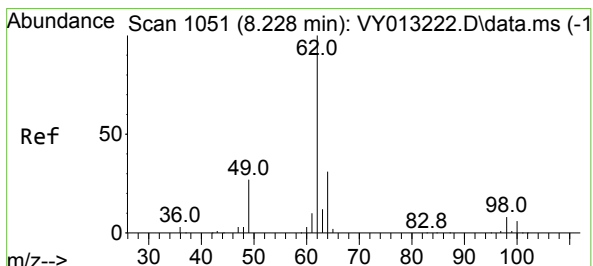
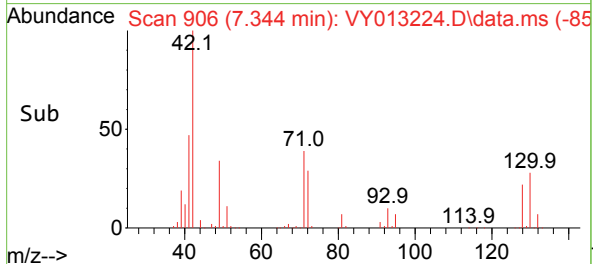
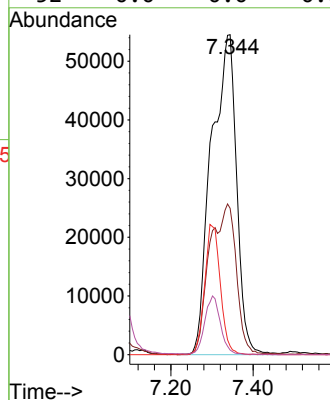
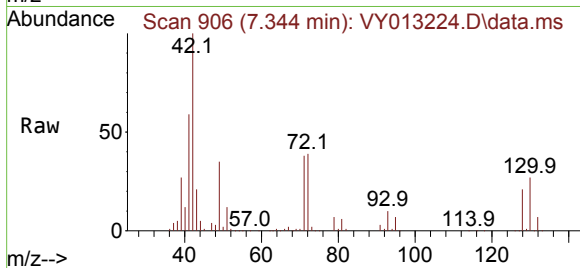




#41
Methacrylonitrile
Concen: 515.900 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY013224.D
Acq: 07 Apr 2023 18:52

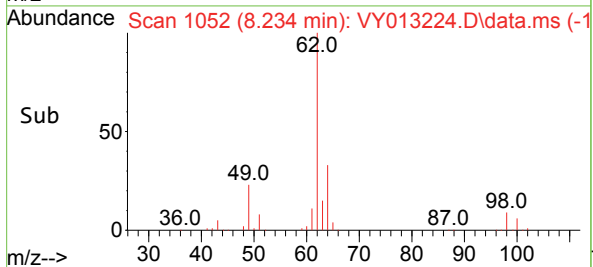
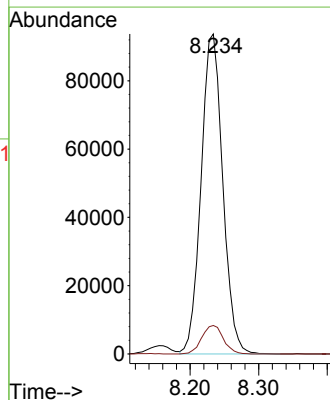
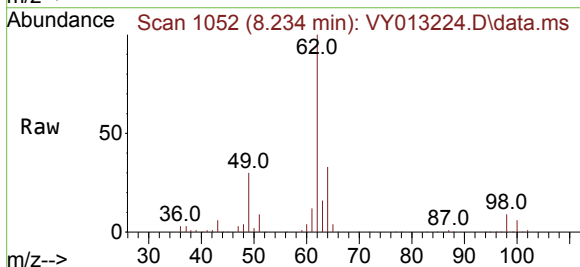
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

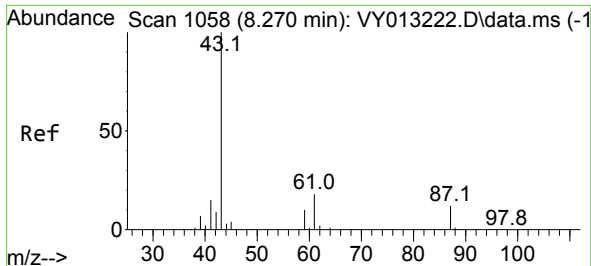
Tgt Ion:	41	Resp:	231400
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 156.835 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.006 min
Lab File: VY013224.D
Acq: 07 Apr 2023 18:52

Tgt Ion:	62	Resp:	206217
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.8

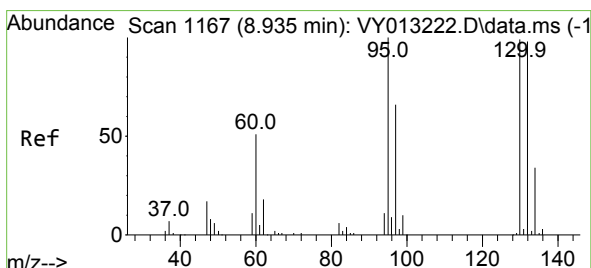
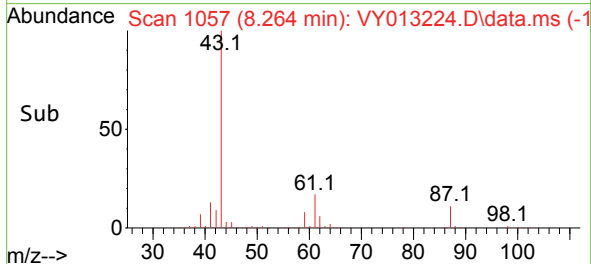
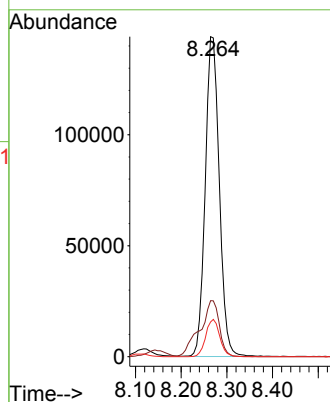
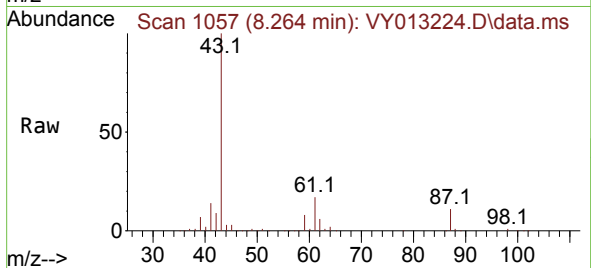




#43
Isopropyl Acetate
Concen: 193.780 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VY013224.D
Acq: 07 Apr 2023 18:52

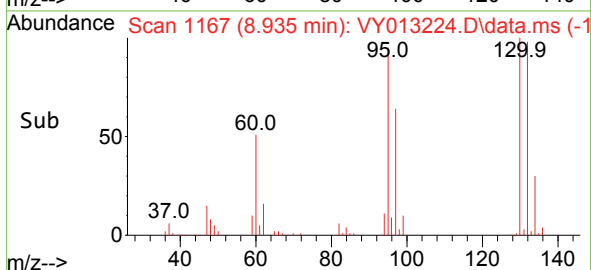
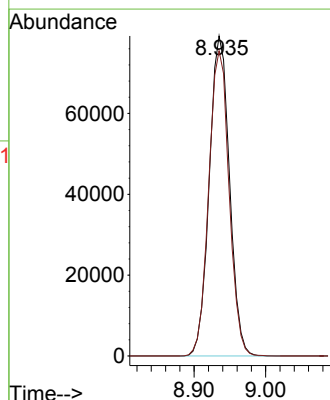
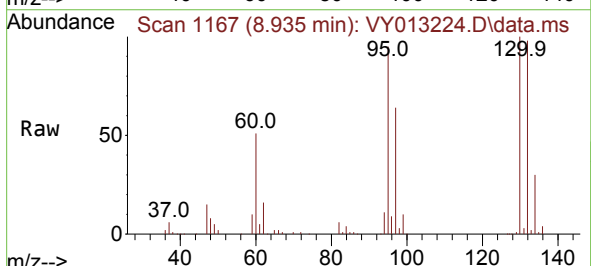
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

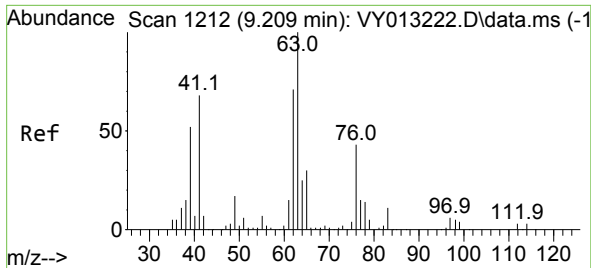
Tgt Ion: 43 Resp: 307461
Ion Ratio Lower Upper
43 100
61 24.4 21.6 32.4
87 11.6 9.9 14.9



#44
Trichloroethene
Concen: 145.399 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY013224.D
Acq: 07 Apr 2023 18:52

Tgt Ion:130 Resp: 155320
Ion Ratio Lower Upper
130 100
95 95.4 0.0 185.0

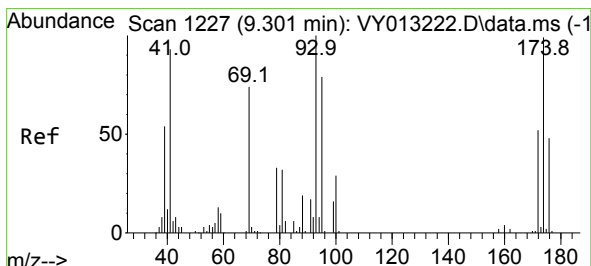
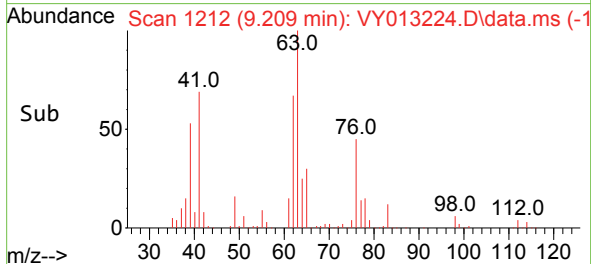
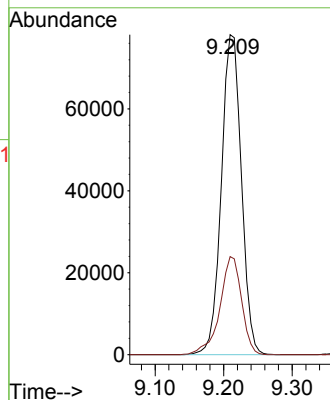
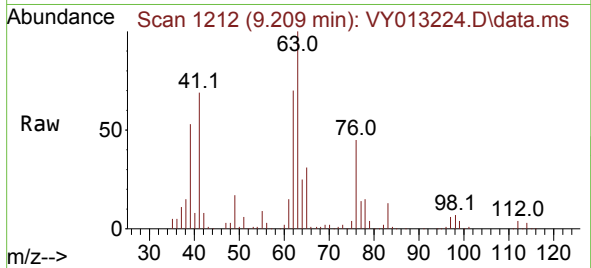




#45
1,2-Dichloropropane
Concen: 171.977 ug/l
RT: 9.209 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VY013224.D
Acq: 07 Apr 2023 18:52

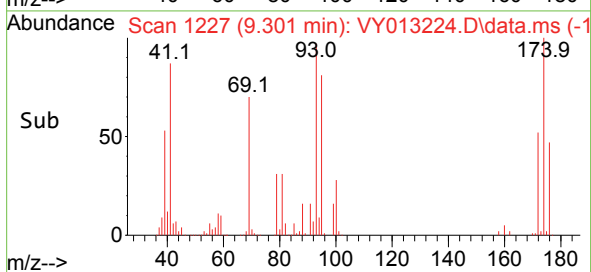
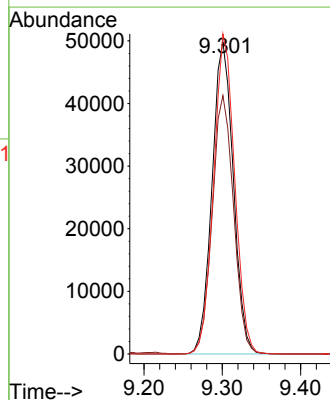
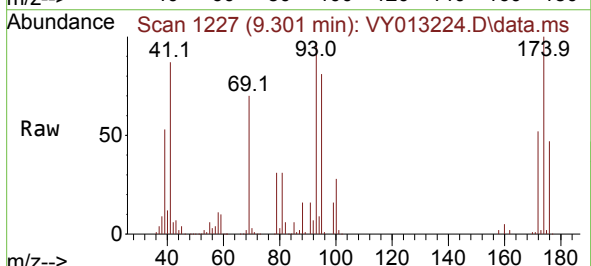
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

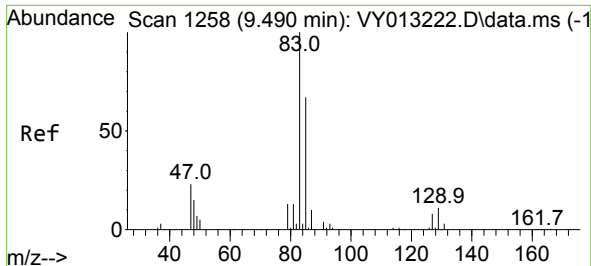
Tgt Ion: 63 Resp: 158306
Ion Ratio Lower Upper
63 100
65 30.7 25.7 38.5



#46
Dibromomethane
Concen: 160.651 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY013224.D
Acq: 07 Apr 2023 18:52

Tgt Ion: 93 Resp: 94064
Ion Ratio Lower Upper
93 100
95 83.1 65.6 98.4
174 101.4 81.3 121.9

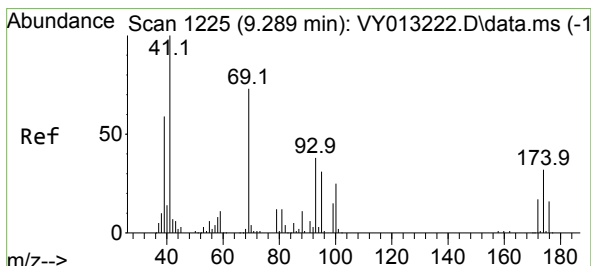
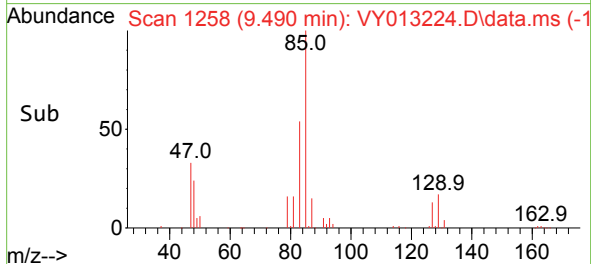
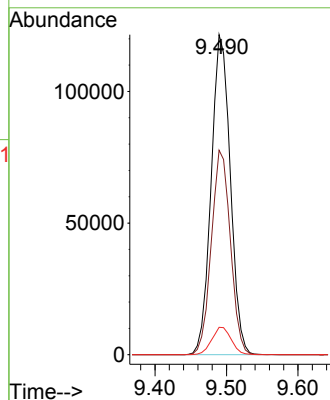
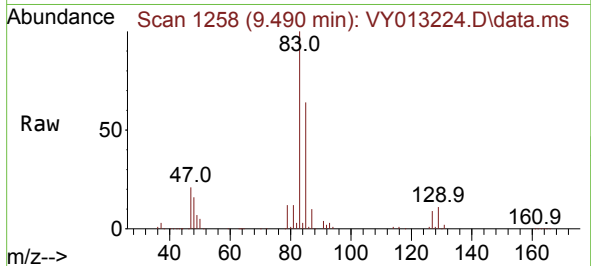




#47
Bromodichloromethane
Concen: 161.921 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY013224.D
Acq: 07 Apr 2023 18:52

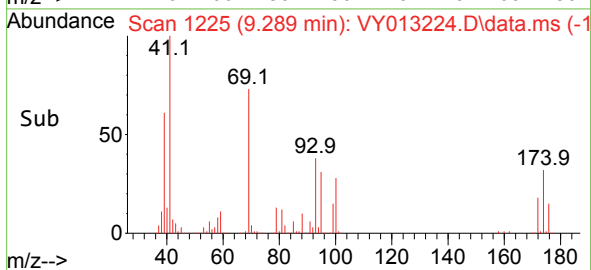
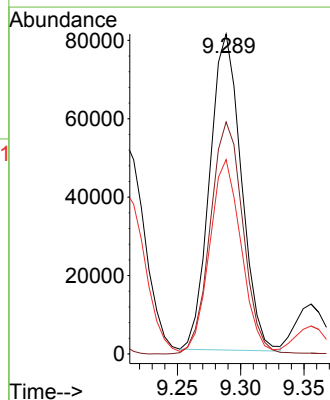
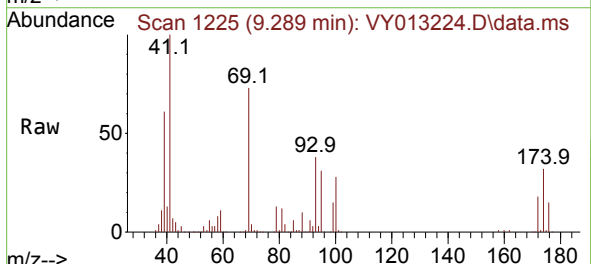
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

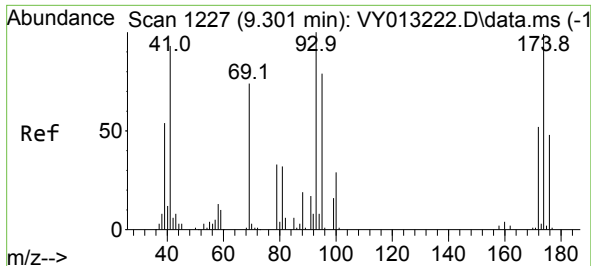
Tgt Ion: 83 Resp: 225532
Ion Ratio Lower Upper
83 100
85 63.9 50.2 75.4
127 8.6 6.3 9.5



#48
Methyl methacrylate
Concen: 193.929 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY013224.D
Acq: 07 Apr 2023 18:52

Tgt Ion: 41 Resp: 140069
Ion Ratio Lower Upper
41 100
69 76.2 64.1 96.1
39 59.9 44.0 66.0





#49

1,4-Dioxane

Concen: 3419.247 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.006 min

Lab File: VY013224.D

Acq: 07 Apr 2023 18:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

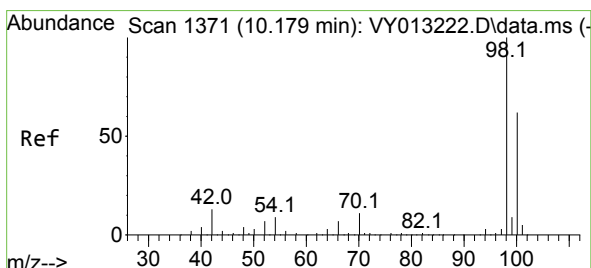
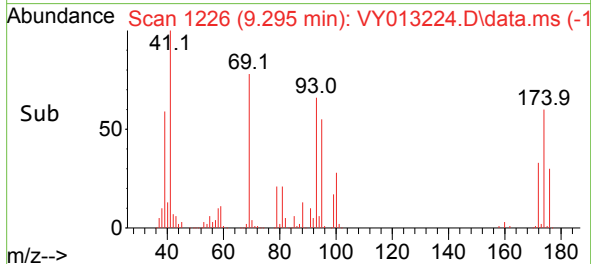
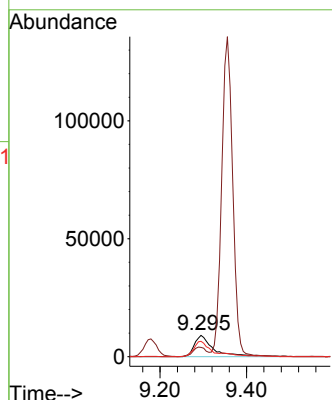
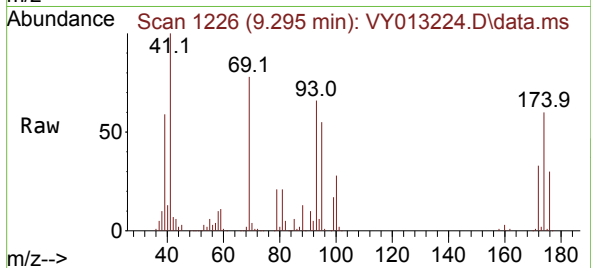
Tgt Ion: 88 Resp: 28189

Ion Ratio Lower Upper

88 100

43 30.9 28.6 42.8

58 57.1 55.2 82.8



#50

Toluene-d8

Concen: 156.220 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013224.D

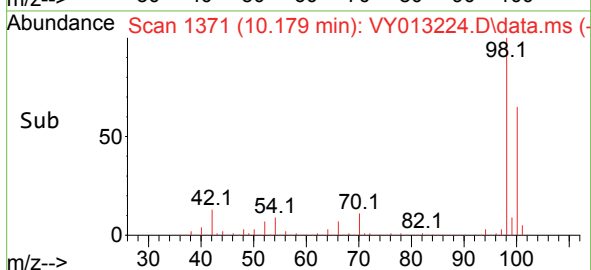
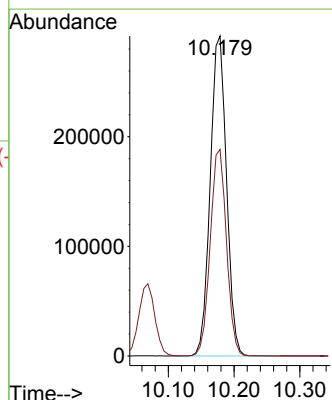
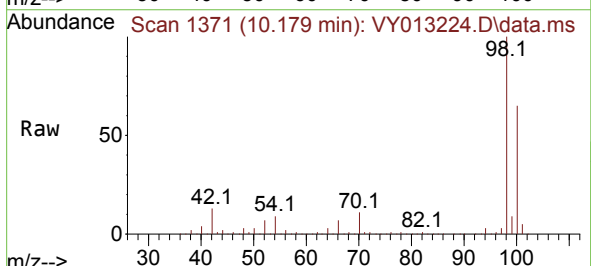
Acq: 07 Apr 2023 18:52

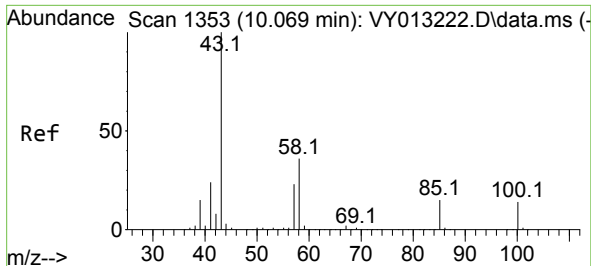
Tgt Ion: 98 Resp: 502324

Ion Ratio Lower Upper

98 100

100 64.6 50.9 76.3

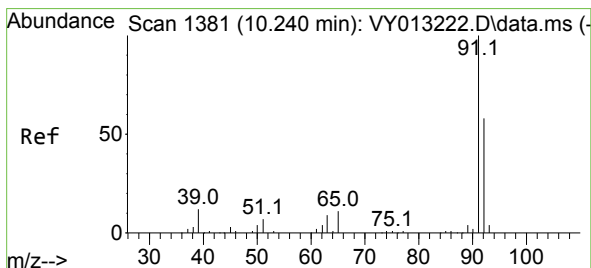
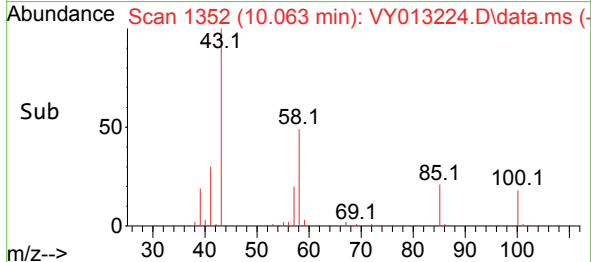
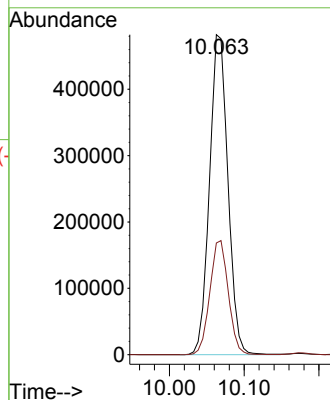
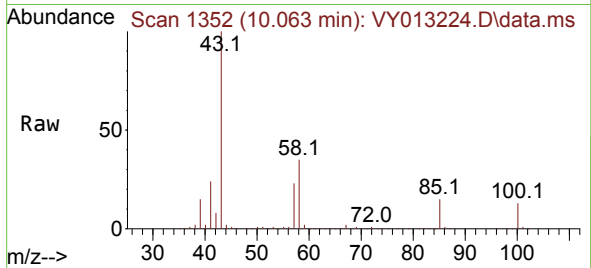




#51
4-Methyl-2-Pentanone
Concen: 939.726 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY013224.D
Acq: 07 Apr 2023 18:52

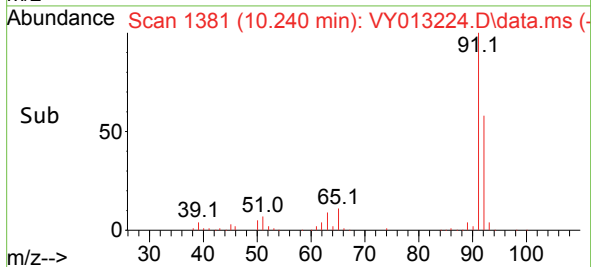
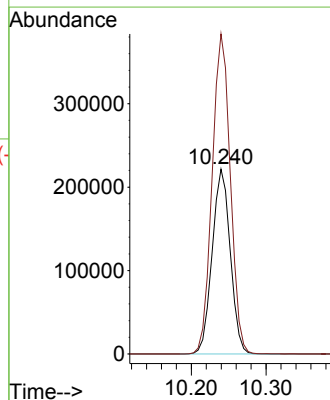
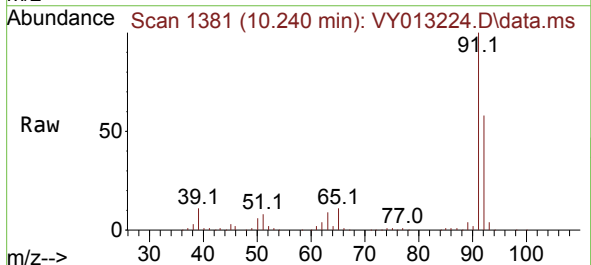
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

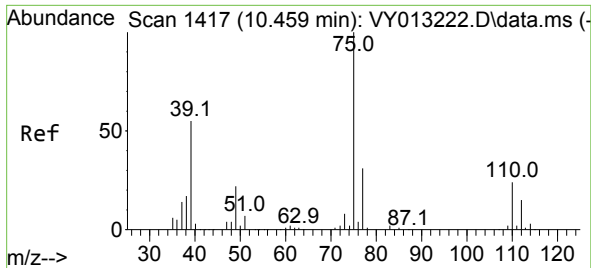
Tgt Ion: 43 Resp: 826950
Ion Ratio Lower Upper
43 100
58 35.8 29.8 44.6



#52
Toluene
Concen: 154.110 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013224.D
Acq: 07 Apr 2023 18:52

Tgt Ion: 92 Resp: 373209
Ion Ratio Lower Upper
92 100
91 174.2 141.3 211.9

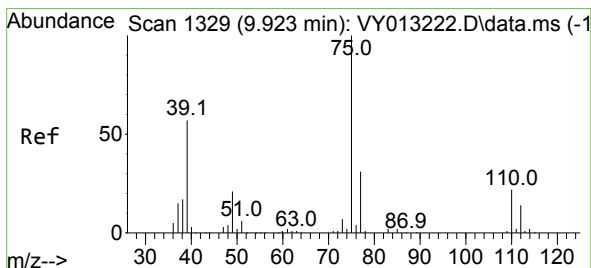
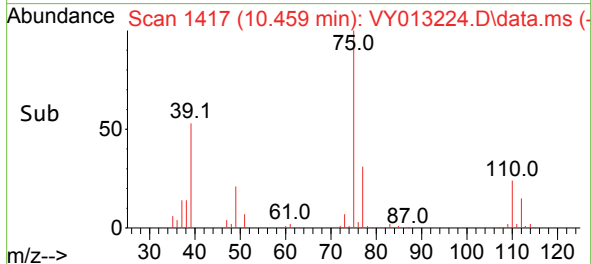
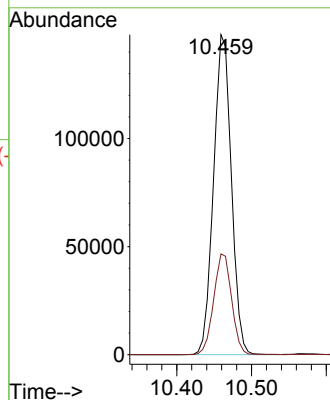
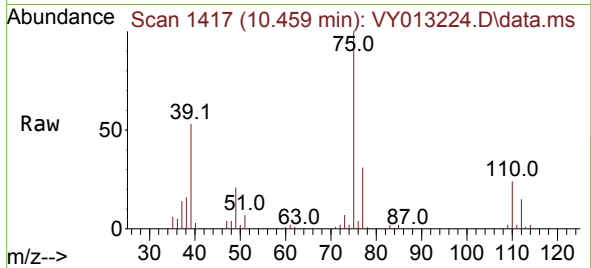




#53
 t-1,3-Dichloropropene
 Concen: 166.155 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. -0.000 min
 Lab File: VY013224.D
 Acq: 07 Apr 2023 18:52

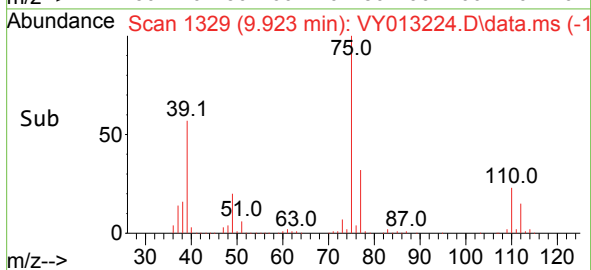
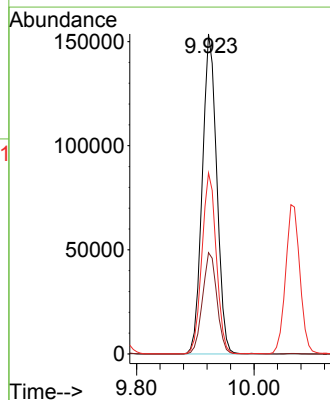
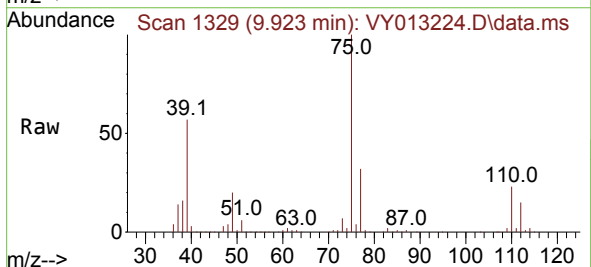
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

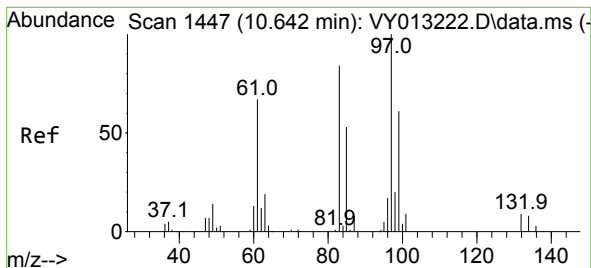
Tgt Ion: 75 Resp: 245284
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 167.931 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.000 min
 Lab File: VY013224.D
 Acq: 07 Apr 2023 18:52

Tgt Ion: 75 Resp: 262543
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0
 39 56.5 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 161.638 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY013224.D

Acq: 07 Apr 2023 18:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 129366

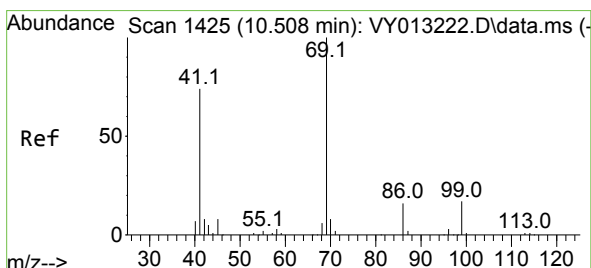
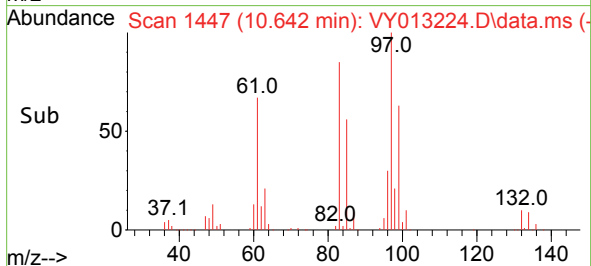
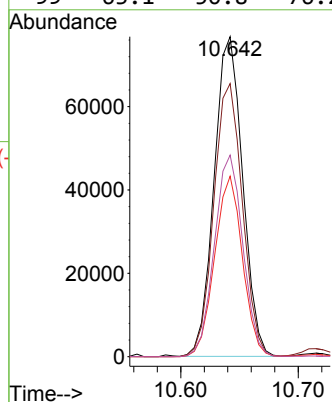
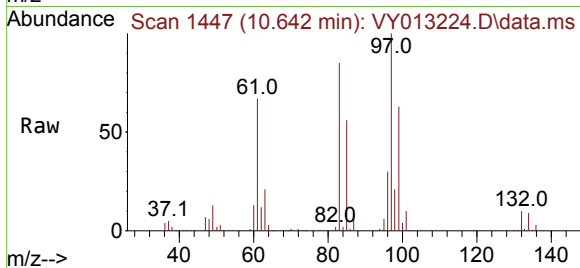
Ion Ratio Lower Upper

97 100

83 85.4 69.0 103.6

85 56.5 44.9 67.3

99 63.1 50.8 76.2



#56

Ethyl methacrylate

Concen: 180.329 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY013224.D

Acq: 07 Apr 2023 18:52

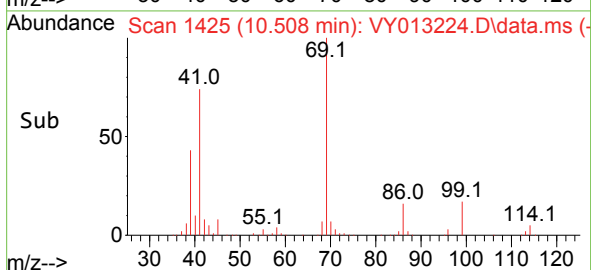
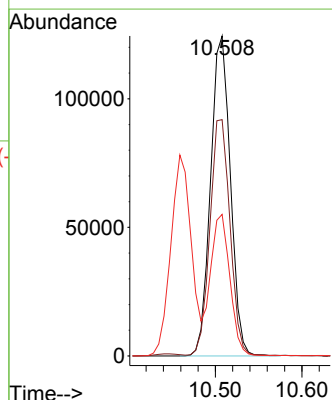
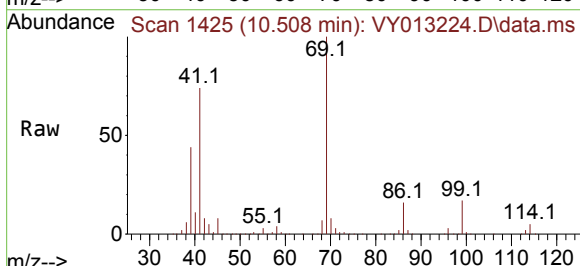
Tgt Ion: 69 Resp: 197651

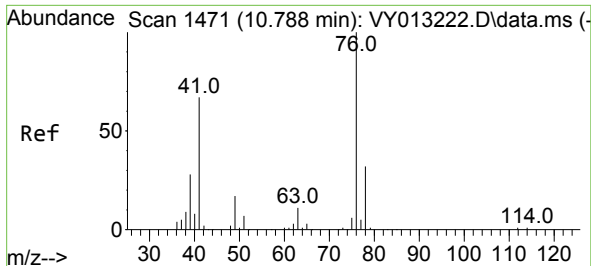
Ion Ratio Lower Upper

69 100

41 74.8 56.4 84.6

39 43.3 30.8 46.2





#57

1,3-Dichloropropane

Concen: 167.172 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY013224.D

Acq: 07 Apr 2023 18:52

Instrument :

MSVOA_Y

ClientSampleId :

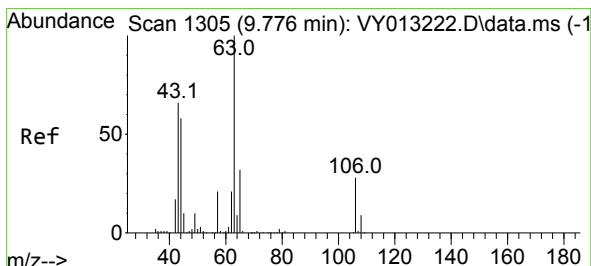
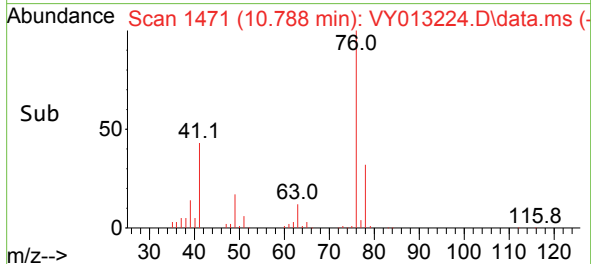
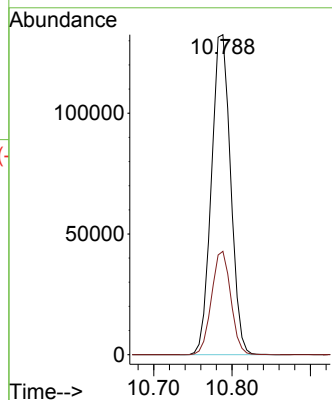
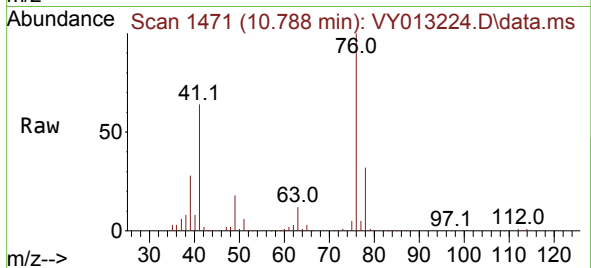
VSTDIC150

Tgt Ion: 76 Resp: 225769

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 902.108 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VY013224.D

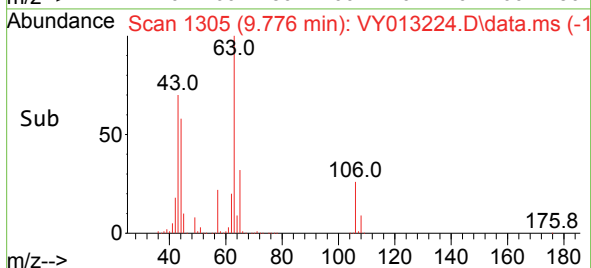
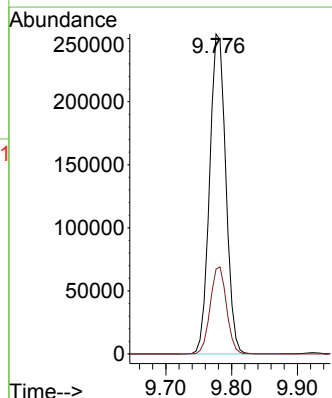
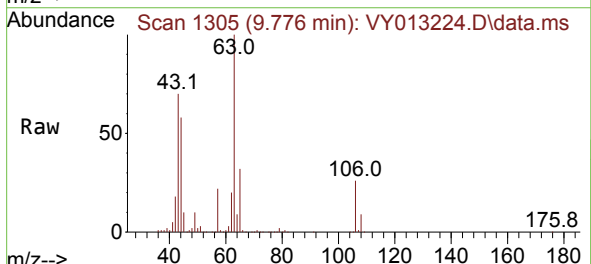
Acq: 07 Apr 2023 18:52

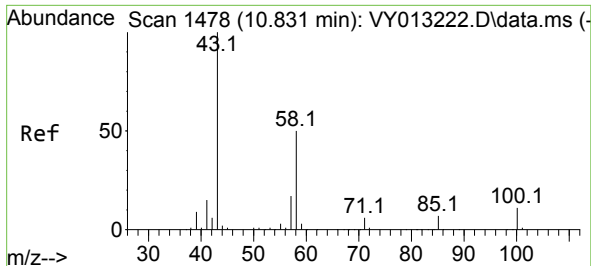
Tgt Ion: 63 Resp: 435288

Ion Ratio Lower Upper

63 100

106 27.3 22.1 33.1

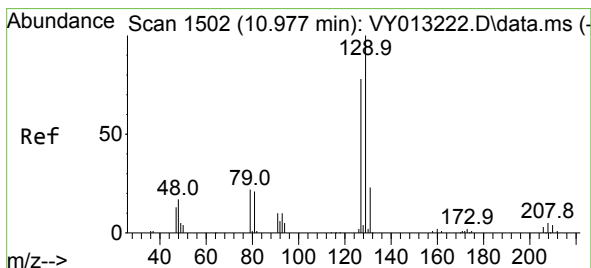
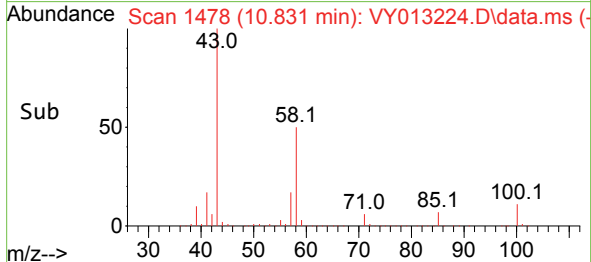
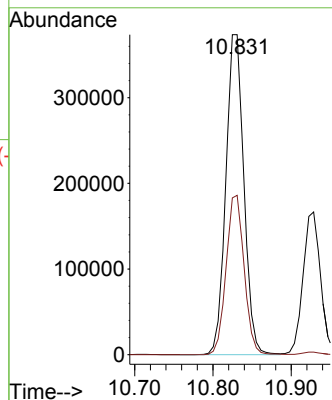
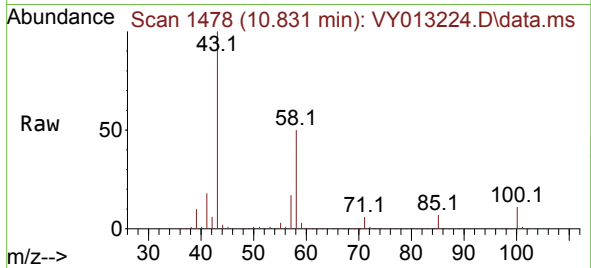




#59
2-Hexanone
Concen: 921.380 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY013224.D
Acq: 07 Apr 2023 18:52

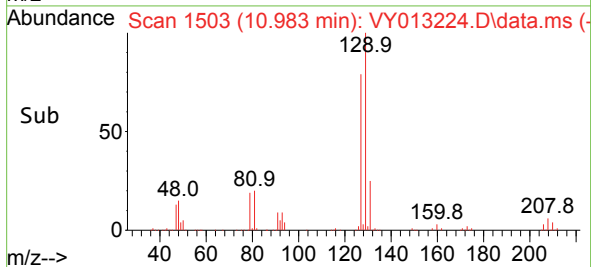
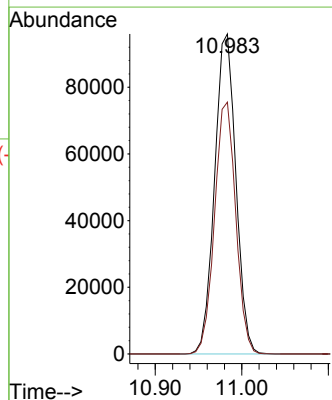
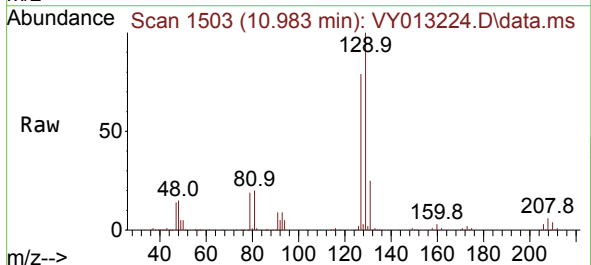
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

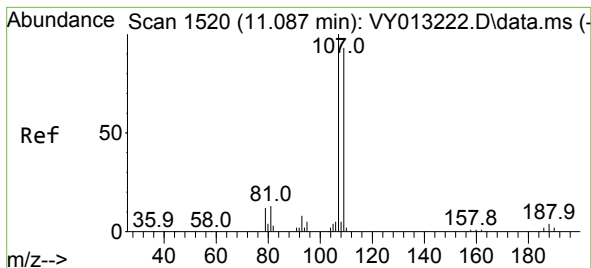
Tgt Ion: 43 Resp: 598422
Ion Ratio Lower Upper
43 100
58 49.8 25.9 77.8



#60
Dibromochloromethane
Concen: 157.742 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.006 min
Lab File: VY013224.D
Acq: 07 Apr 2023 18:52

Tgt Ion:129 Resp: 163897
Ion Ratio Lower Upper
129 100
127 78.3 38.7 116.1

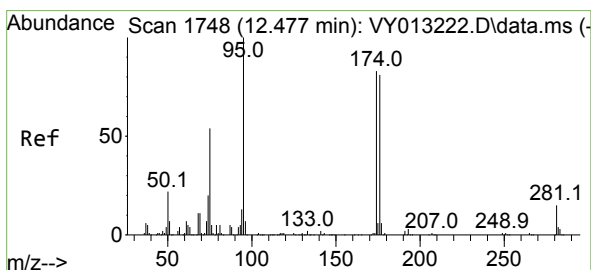
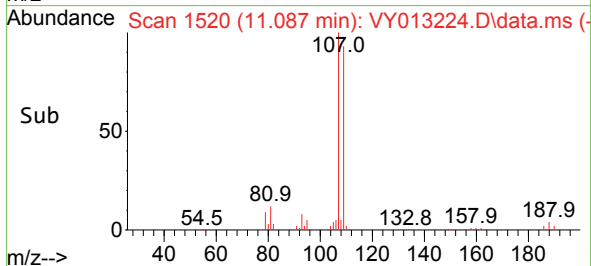
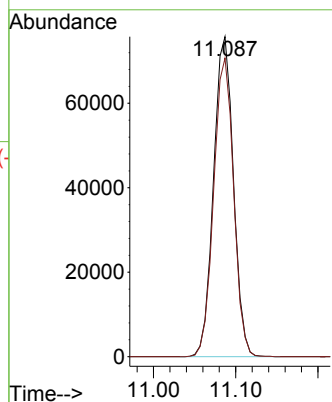
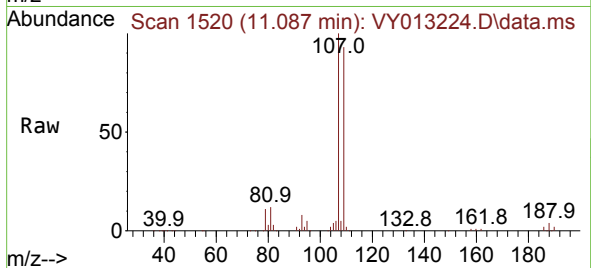




#61
1,2-Dibromoethane
Concen: 158.959 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY013224.D
Acq: 07 Apr 2023 18:52

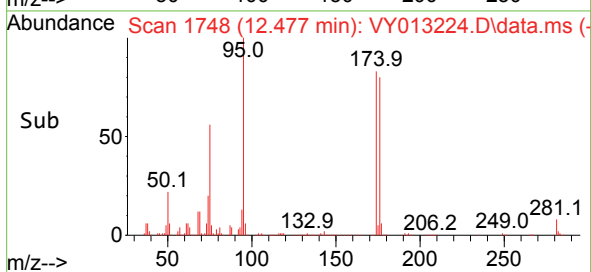
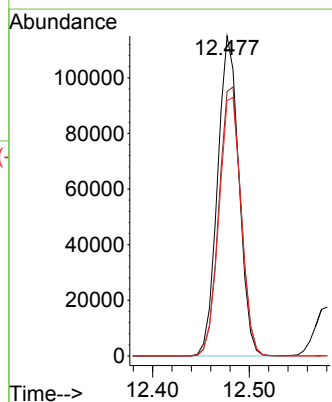
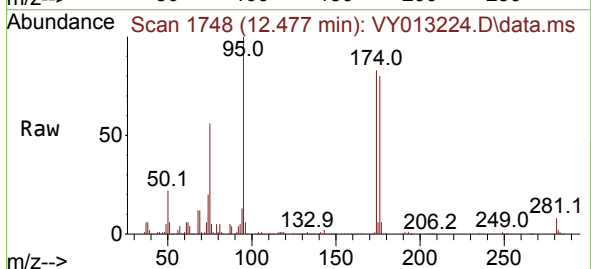
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

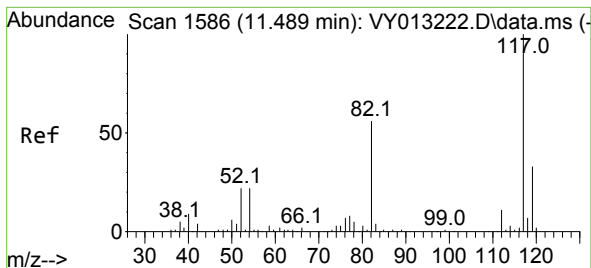
Tgt Ion:107 Resp: 127168
Ion Ratio Lower Upper
107 100
109 93.4 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 158.970 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013224.D
Acq: 07 Apr 2023 18:52

Tgt Ion: 95 Resp: 175909
Ion Ratio Lower Upper
95 100
174 87.2 0.0 176.6
176 84.2 0.0 170.2

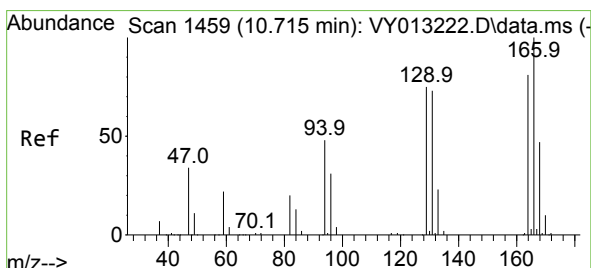
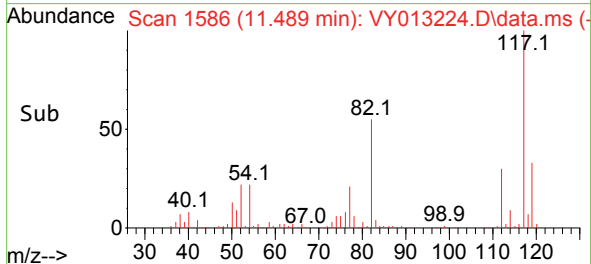
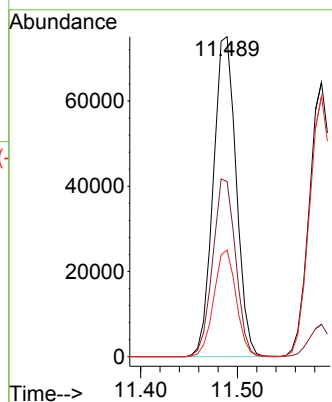
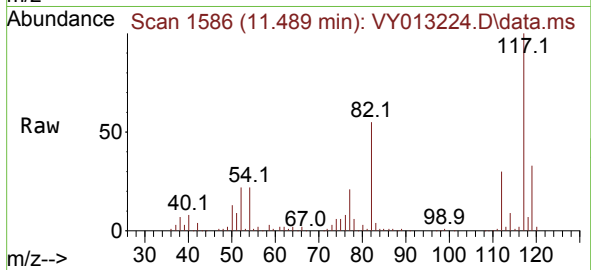




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013224.D
Acq: 07 Apr 2023 18:52

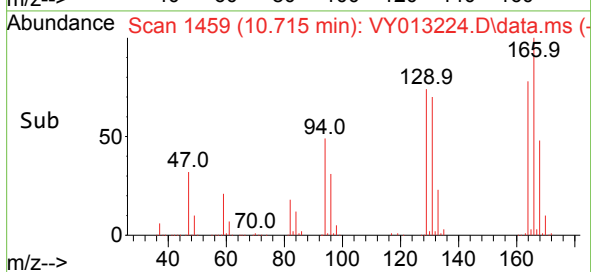
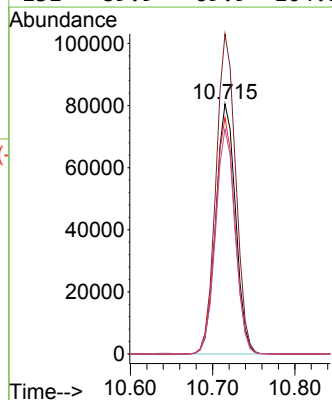
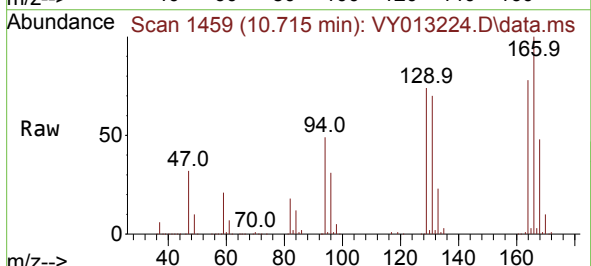
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

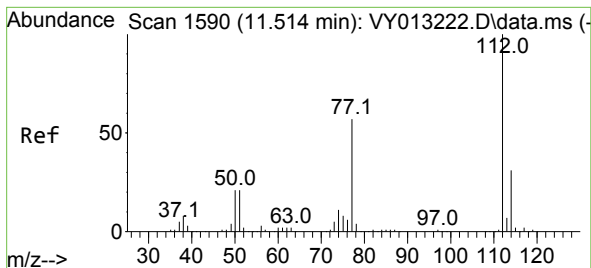
Tgt Ion:117 Resp: 123839
Ion Ratio Lower Upper
117 100
82 54.8 45.4 68.0
119 33.3 25.6 38.4



#64
Tetrachloroethene
Concen: 136.200 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY013224.D
Acq: 07 Apr 2023 18:52

Tgt Ion:164 Resp: 134057
Ion Ratio Lower Upper
164 100
166 128.0 103.4 155.2
129 94.5 71.4 107.2
131 89.9 69.9 104.9

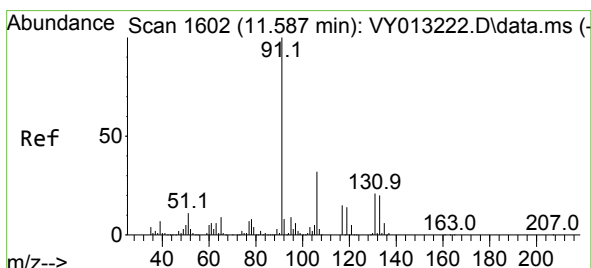
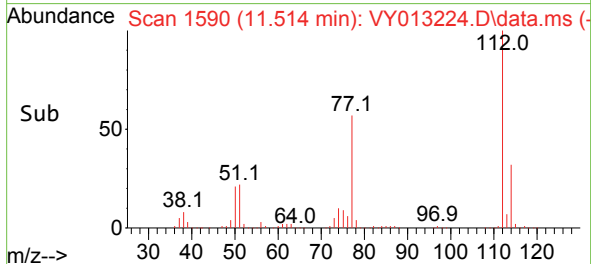
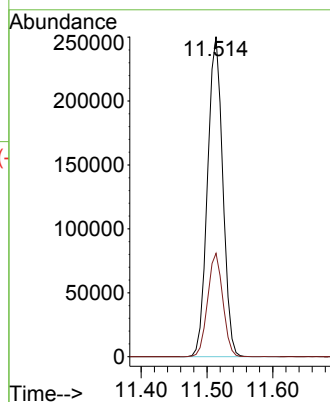
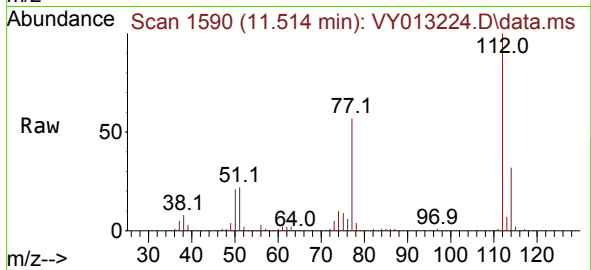




#65
Chlorobenzene
Concen: 147.008 ug/l
RT: 11.514 min Scan# 112
Delta R.T. -0.000 min
Lab File: VY013224.D
Acq: 07 Apr 2023 18:52

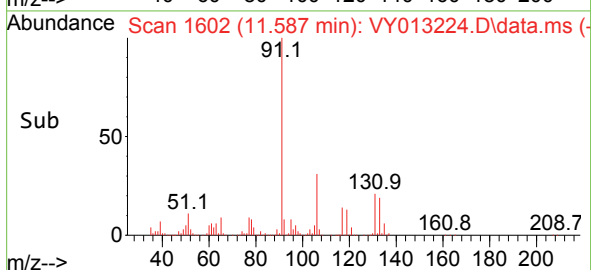
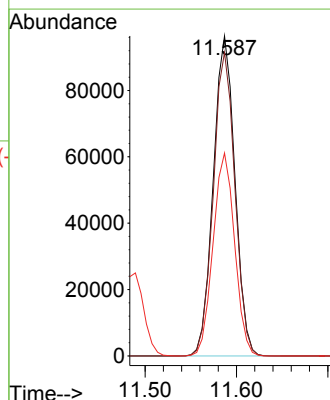
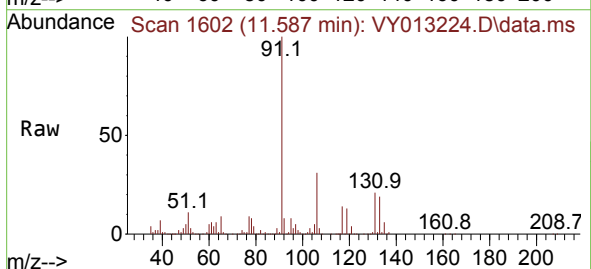
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

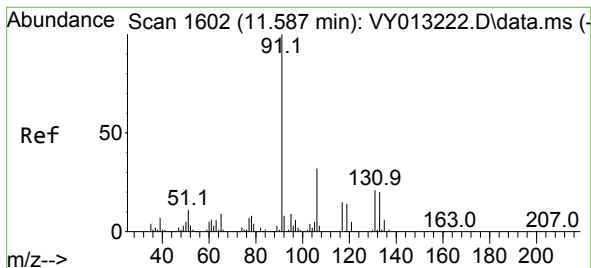
Tgt Ion:112 Resp: 402910
Ion Ratio Lower Upper
112 100
114 32.3 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 149.831 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY013224.D
Acq: 07 Apr 2023 18:52

Tgt Ion:131 Resp: 158489
Ion Ratio Lower Upper
131 100
133 94.8 48.0 144.0
119 63.1 32.6 98.0





#67

Ethyl Benzene

Concen: 157.452 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013224.D

Acq: 07 Apr 2023 18:52

Instrument :

MSVOA_Y

ClientSampleId :

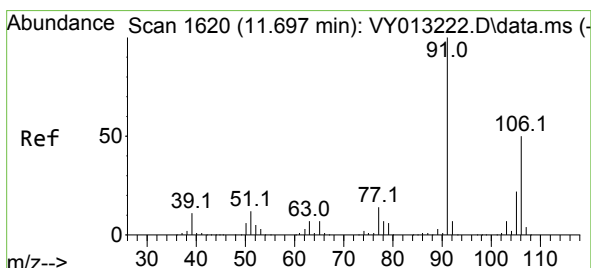
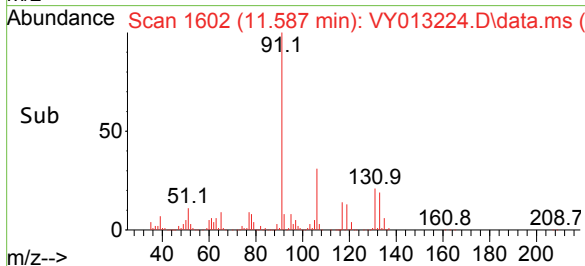
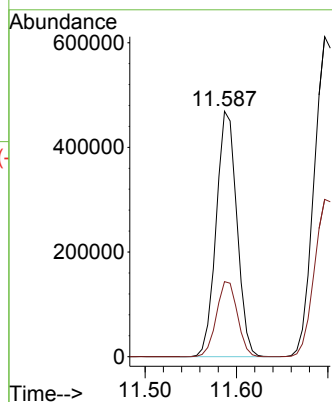
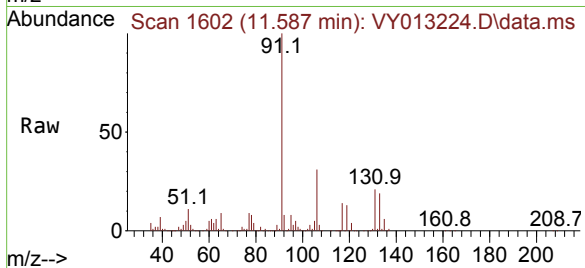
VSTDICC150

Tgt Ion: 91 Resp: 736916

Ion Ratio Lower Upper

91 100

106 30.6 25.1 37.7



#68

m/p-Xylenes

Concen: 304.276 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY013224.D

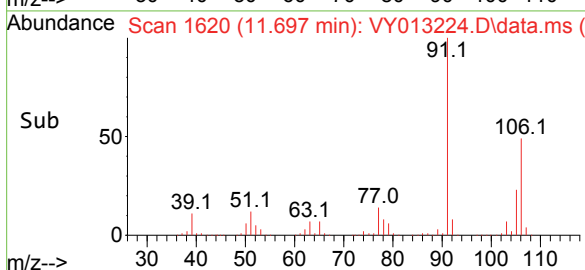
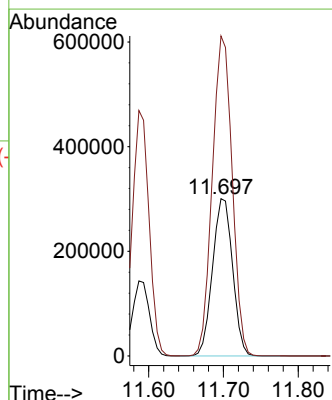
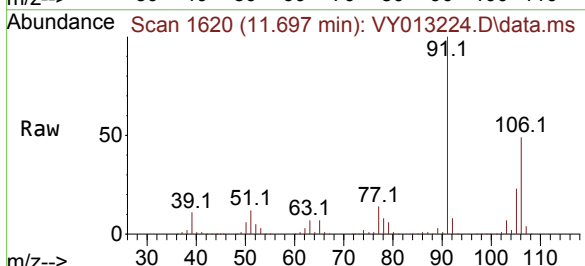
Acq: 07 Apr 2023 18:52

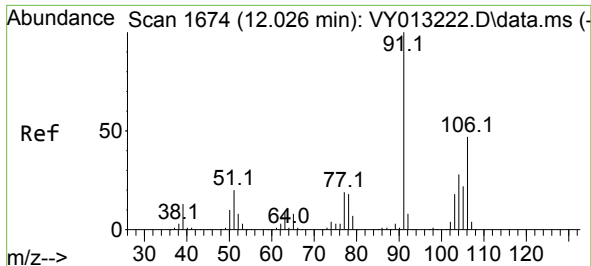
Tgt Ion:106 Resp: 560210

Ion Ratio Lower Upper

106 100

91 201.7 159.8 239.8

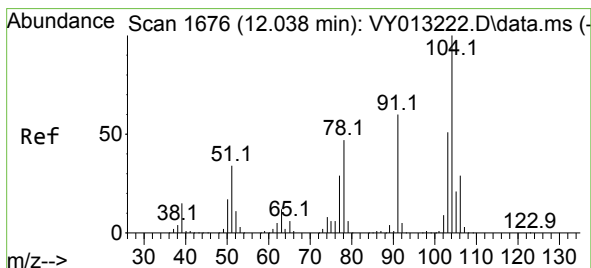
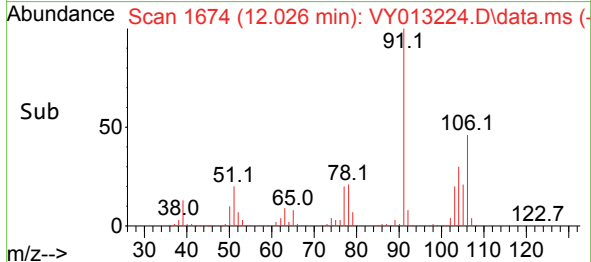
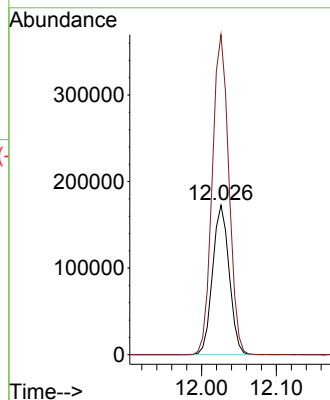
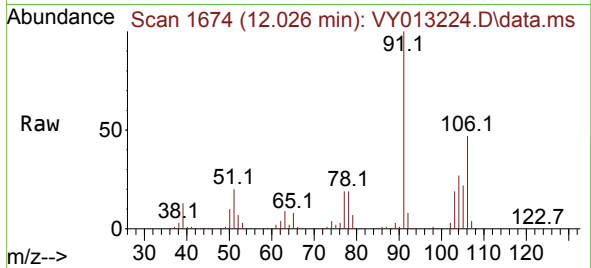




#69
o-Xylene
Concen: 154.279 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY013224.D
Acq: 07 Apr 2023 18:52

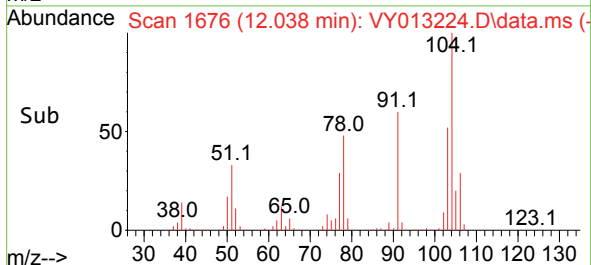
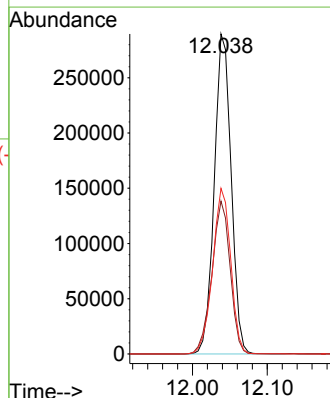
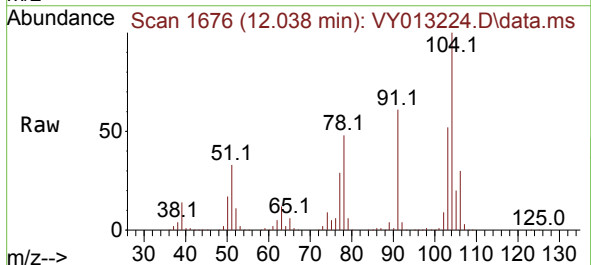
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

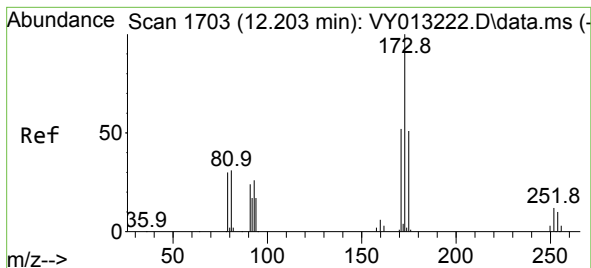
Tgt Ion:106 Resp: 266910
Ion Ratio Lower Upper
106 100
91 214.8 107.2 321.6



#70
Styrene
Concen: 155.714 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VY013224.D
Acq: 07 Apr 2023 18:52

Tgt Ion:104 Resp: 455209
Ion Ratio Lower Upper
104 100
78 51.7 39.2 58.8
103 55.2 43.7 65.5





#71

Bromoform

Concen: 153.216 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013224.D

Acq: 07 Apr 2023 18:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

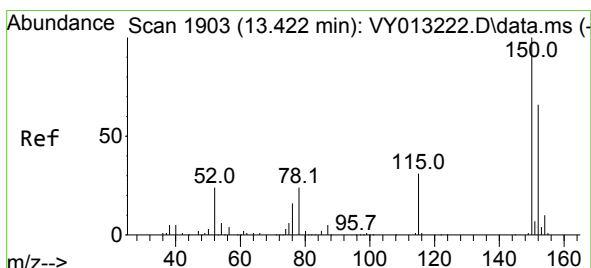
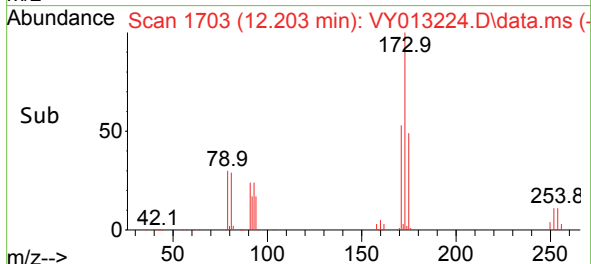
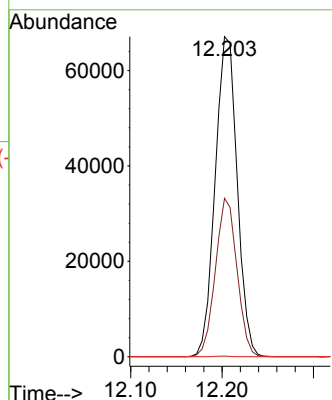
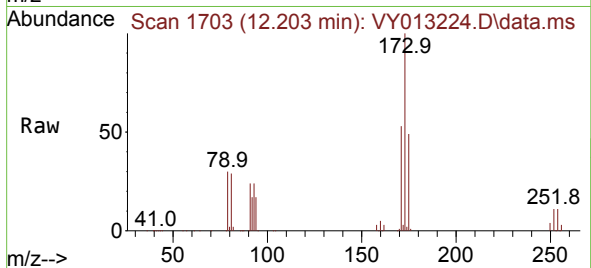
Tgt Ion:173 Resp: 112341

Ion Ratio Lower Upper

173 100

175 48.4 25.0 75.0

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: VY013224.D

Acq: 07 Apr 2023 18:52

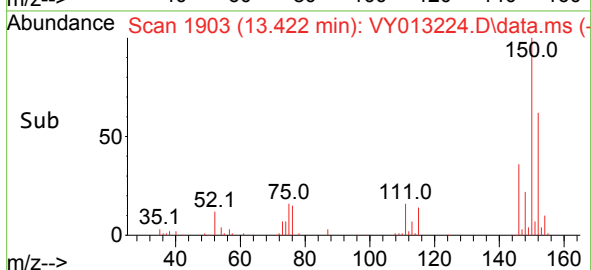
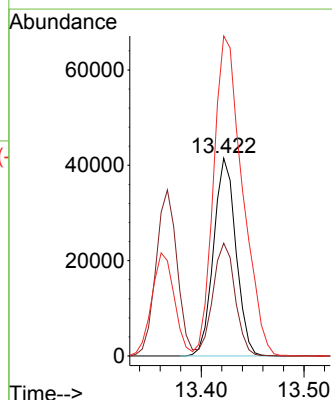
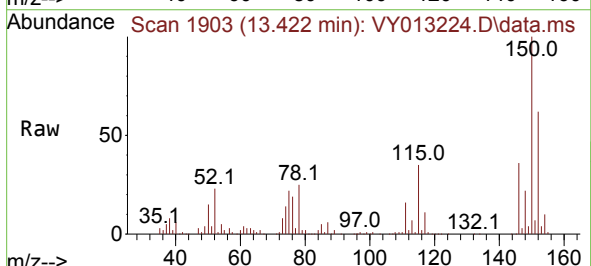
Tgt Ion:152 Resp: 62581

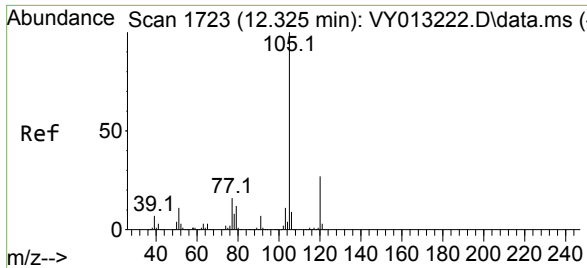
Ion Ratio Lower Upper

152 100

115 57.1 27.1 81.3

150 209.4 0.0 347.8

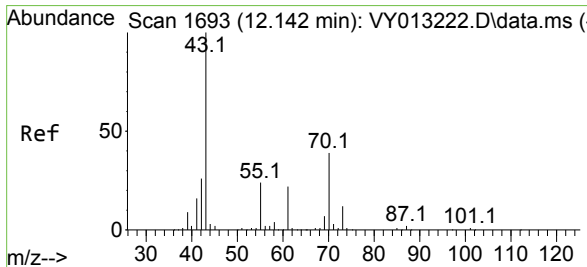
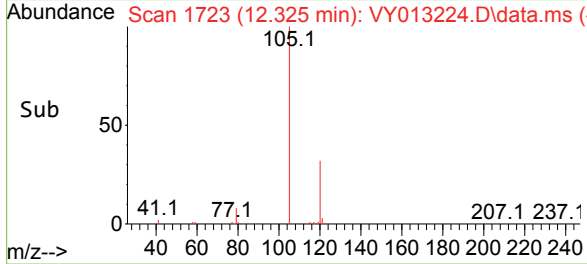
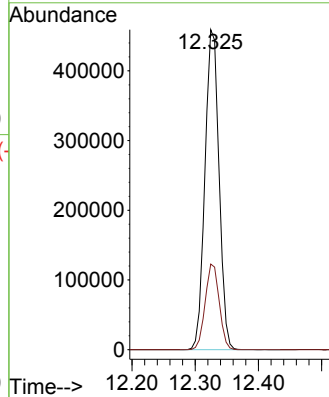
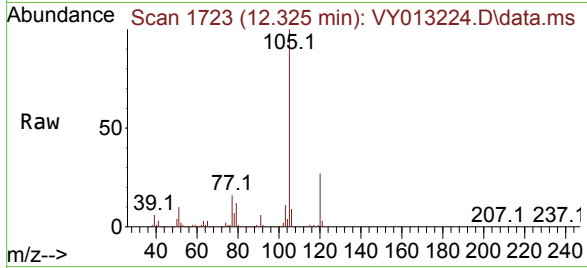




#73
Isopropylbenzene
Concen: 162.224 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013224.D
Acq: 07 Apr 2023 18:52

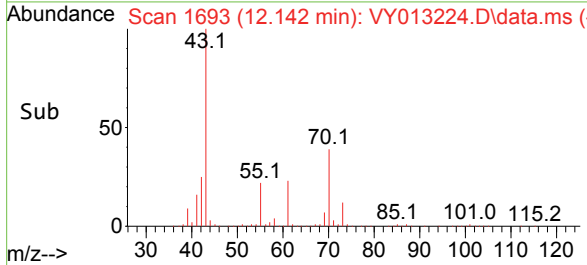
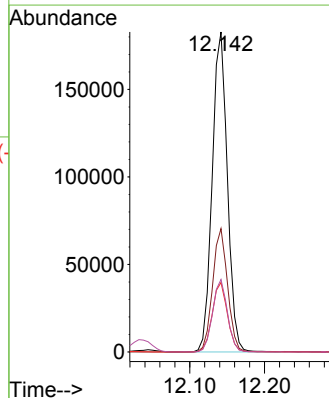
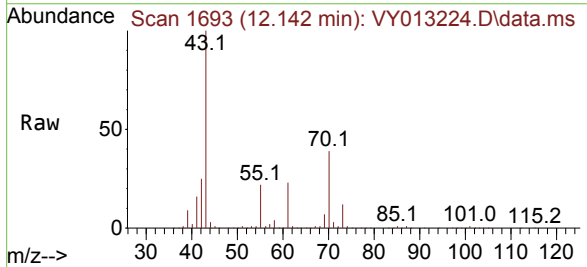
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

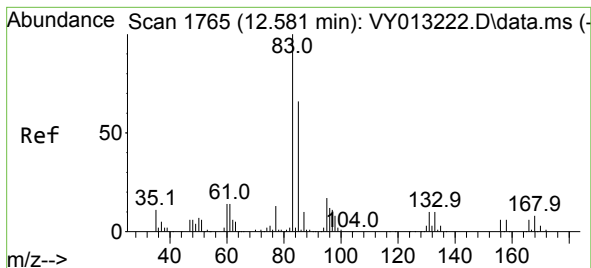
Tgt Ion:105 Resp: 712681
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.2



#74
N-ethyl acetate
Concen: 191.334 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013224.D
Acq: 07 Apr 2023 18:52

Tgt Ion: 43 Resp: 258275
Ion Ratio Lower Upper
43 100
70 38.1 31.6 47.4
55 21.9 18.8 28.2
61 22.2 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 168.912 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY013224.D

Acq: 07 Apr 2023 18:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

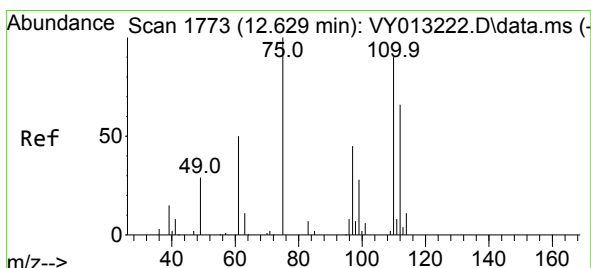
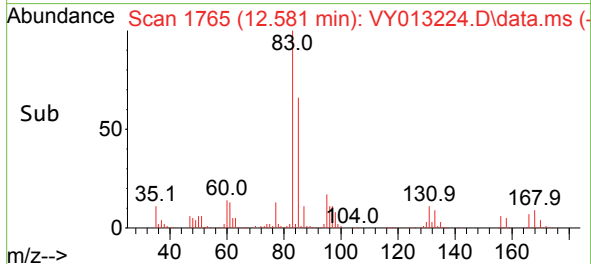
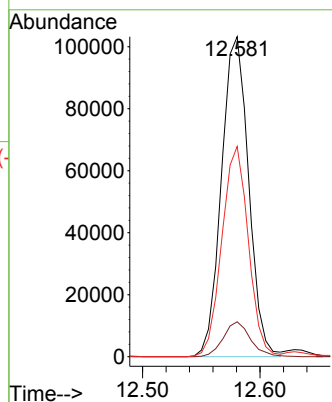
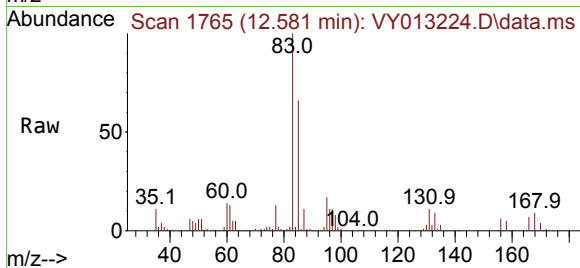
Tgt Ion: 83 Resp: 165851

Ion Ratio Lower Upper

83 100

131 10.9 5.1 15.2

85 64.1 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 299.956 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY013224.D

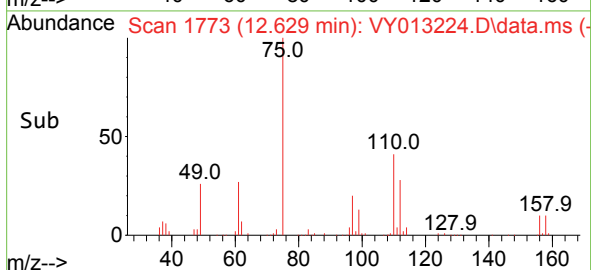
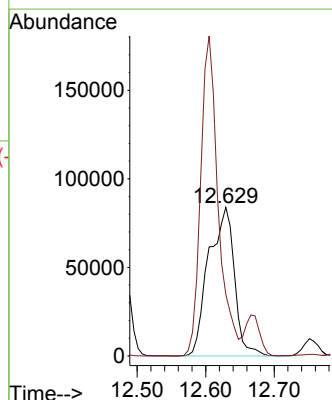
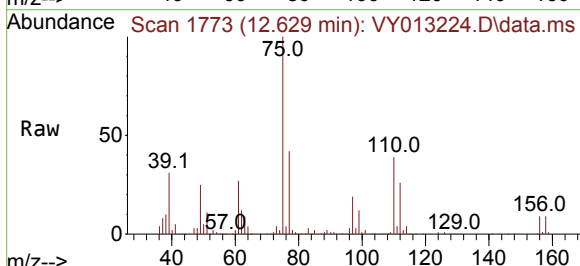
Acq: 07 Apr 2023 18:52

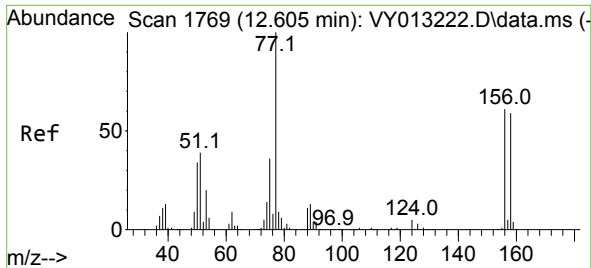
Tgt Ion: 75 Resp: 218769

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

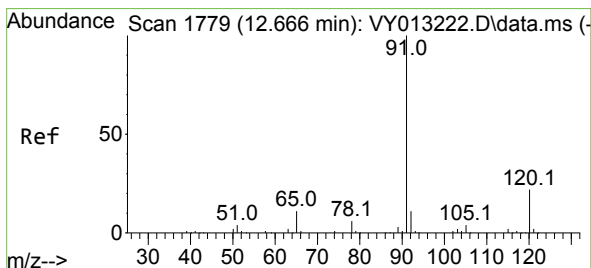
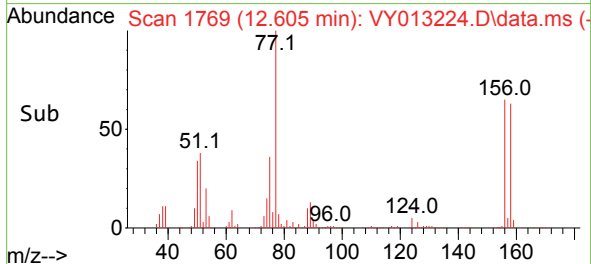
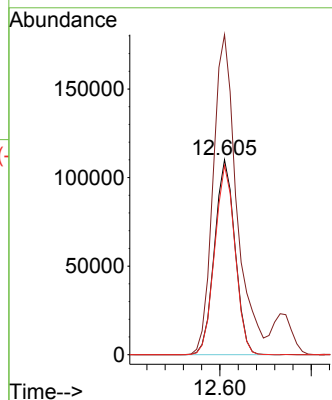
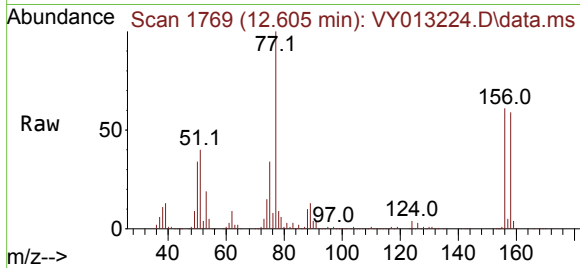




#77
Bromobenzene
Concen: 151.361 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY013224.D
Acq: 07 Apr 2023 18:52

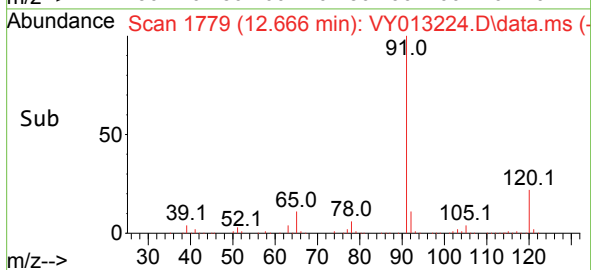
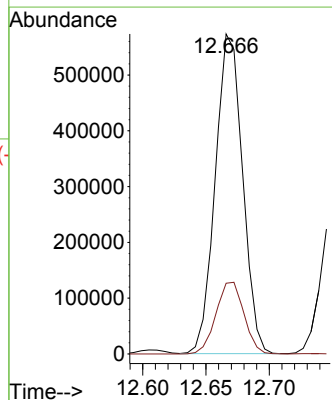
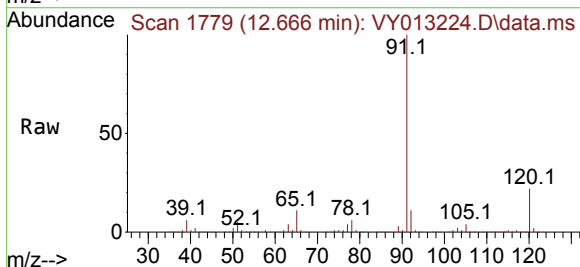
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

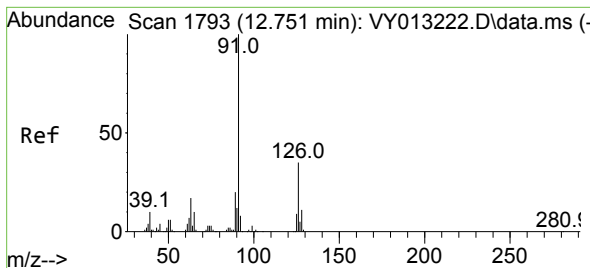
Tgt Ion:156 Resp: 170785
Ion Ratio Lower Upper
156 100
77 188.8 94.0 282.1
158 96.8 48.1 144.4



#78
n-propylbenzene
Concen: 163.485 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VY013224.D
Acq: 07 Apr 2023 18:52

Tgt Ion: 91 Resp: 860440
Ion Ratio Lower Upper
91 100
120 23.0 11.6 34.8

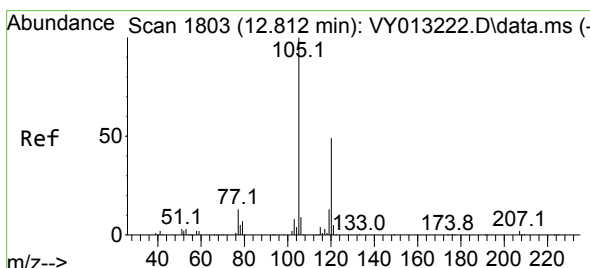
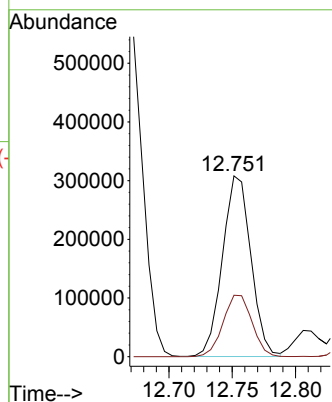
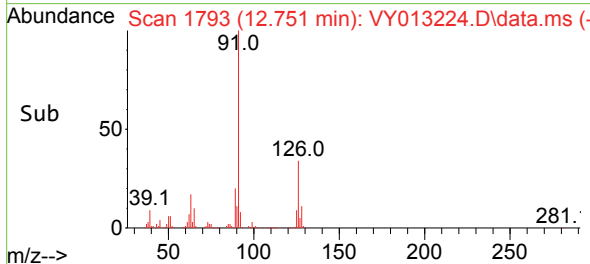
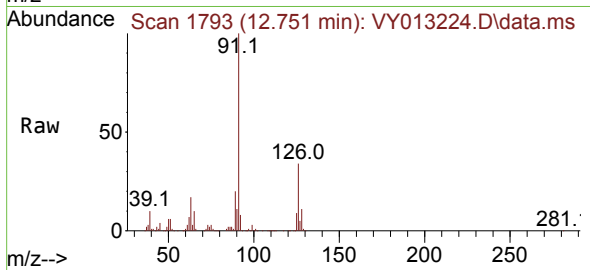




#79
2-Chlorotoluene
Concen: 161.284 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VY013224.D
Acq: 07 Apr 2023 18:52

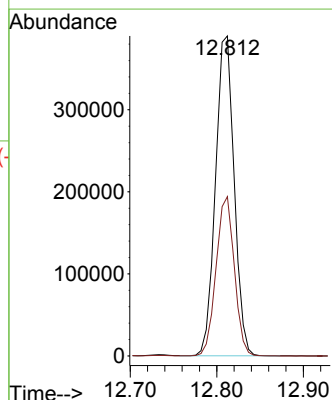
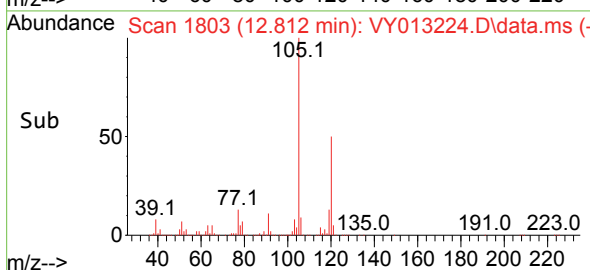
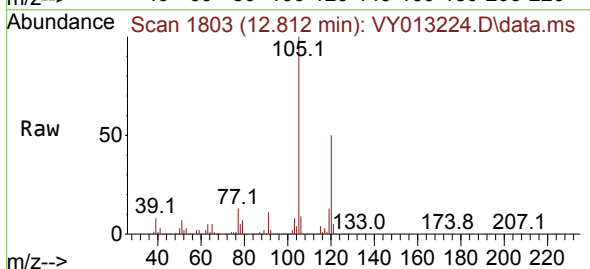
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

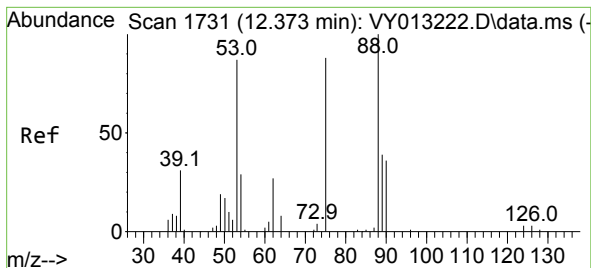
Tgt Ion: 91 Resp: 481988
Ion Ratio Lower Upper
91 100
126 34.6 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 157.356 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY013224.D
Acq: 07 Apr 2023 18:52

Tgt Ion: 105 Resp: 582999
Ion Ratio Lower Upper
105 100
120 48.9 24.8 74.4

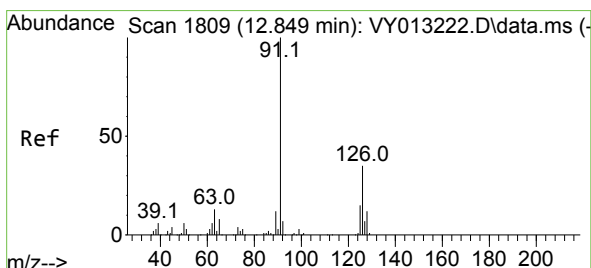
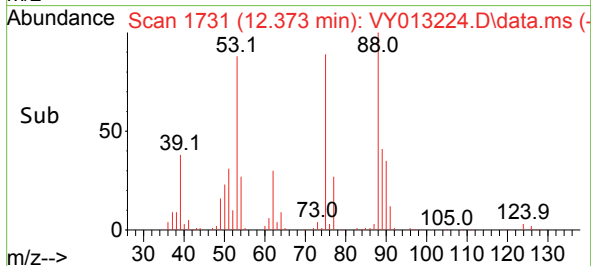
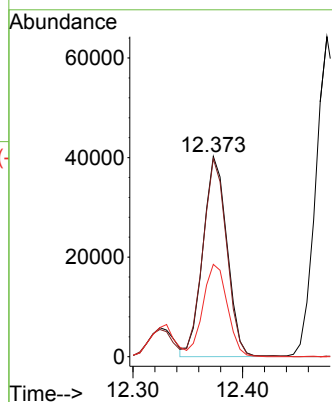
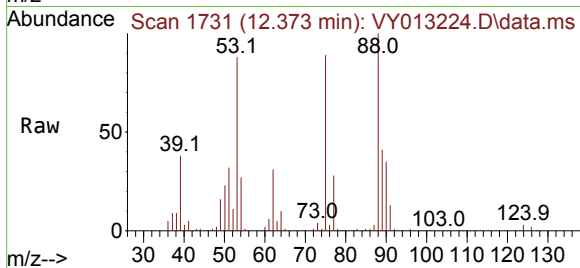




#81
trans-1,4-Dichloro-2-butene
Concen: 174.418 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.000 min
Lab File: VY013224.D
Acq: 07 Apr 2023 18:52

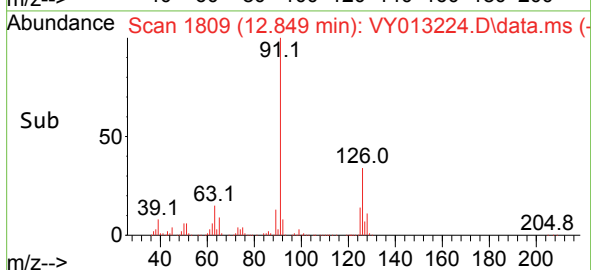
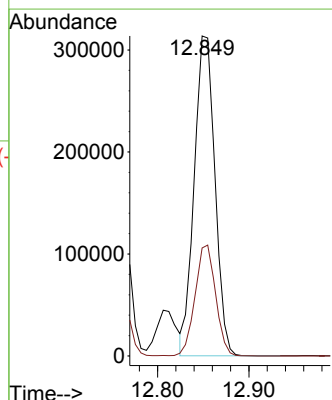
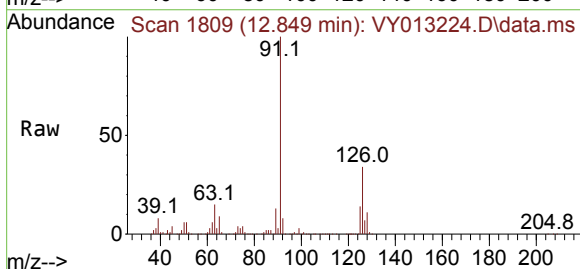
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

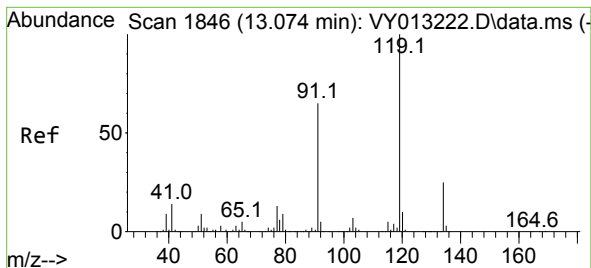
Tgt Ion: 75 Resp: 61412
Ion Ratio Lower Upper
75 100
53 98.1 73.4 110.0
89 46.4 36.6 55.0



#82
4-Chlorotoluene
Concen: 156.730 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VY013224.D
Acq: 07 Apr 2023 18:52

Tgt Ion: 91 Resp: 493562
Ion Ratio Lower Upper
91 100
126 34.5 17.7 53.1





#83

tert-Butylbenzene

Concen: 158.198 ug/l

RT: 13.074 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY013224.D

Acq: 07 Apr 2023 18:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

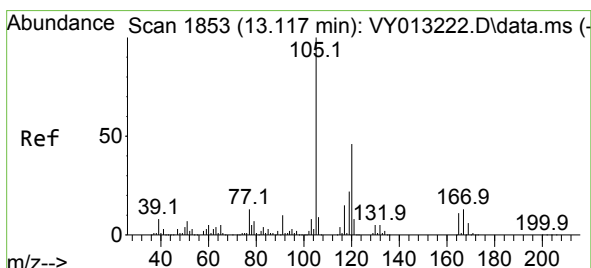
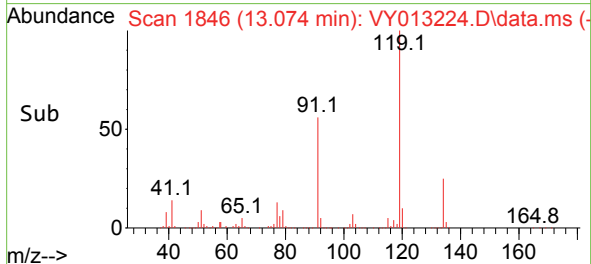
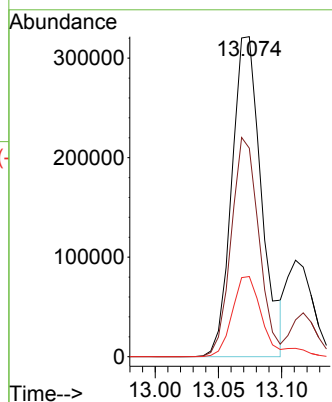
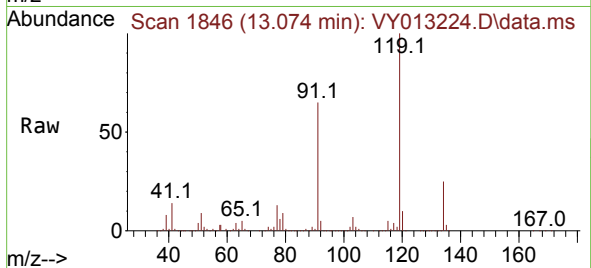
Tgt Ion:119 Resp: 524600

Ion Ratio Lower Upper

119 100

91 64.0 32.8 98.3

134 26.2 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 157.351 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY013224.D

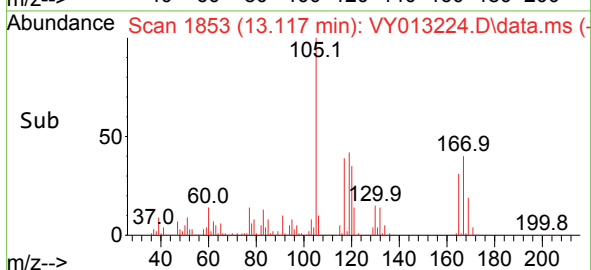
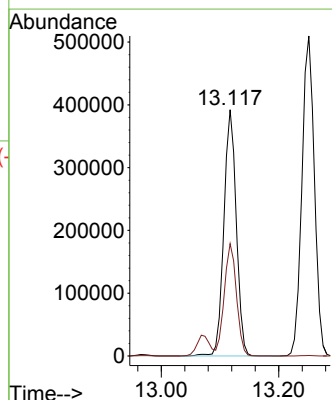
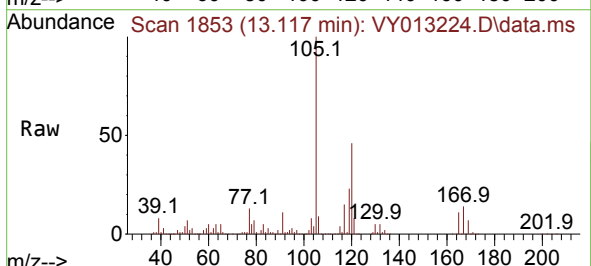
Acq: 07 Apr 2023 18:52

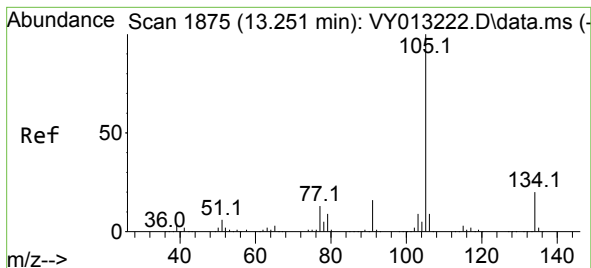
Tgt Ion:105 Resp: 574413

Ion Ratio Lower Upper

105 100

120 44.8 23.0 69.0





#85

sec-Butylbenzene

Concen: 157.561 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY013224.D

Acq: 07 Apr 2023 18:52

Instrument :

MSVOA_Y

ClientSampleId :

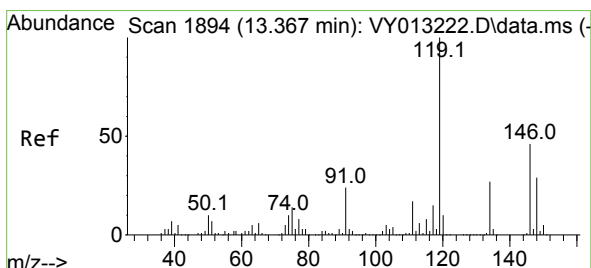
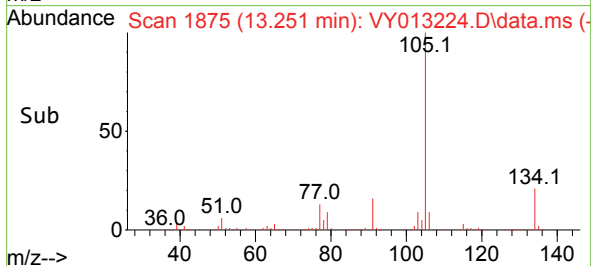
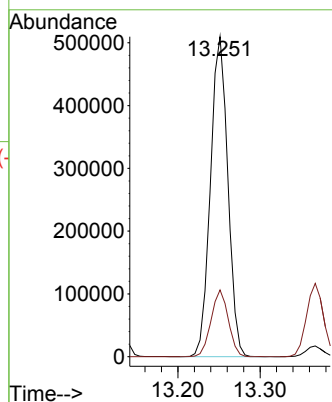
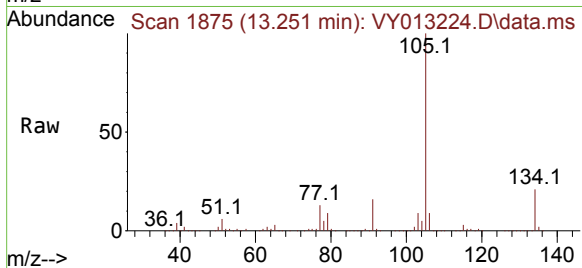
VSTDIC150

Tgt Ion:105 Resp: 748658

Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.1



#86

p-Isopropyltoluene

Concen: 154.335 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY013224.D

Acq: 07 Apr 2023 18:52

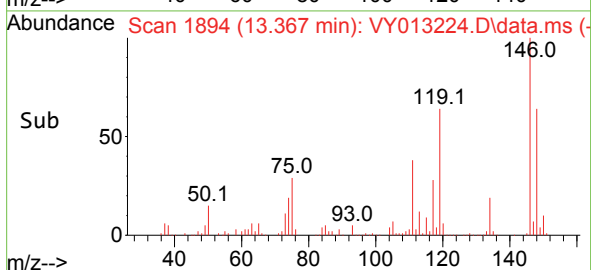
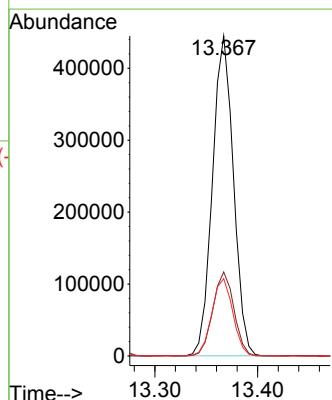
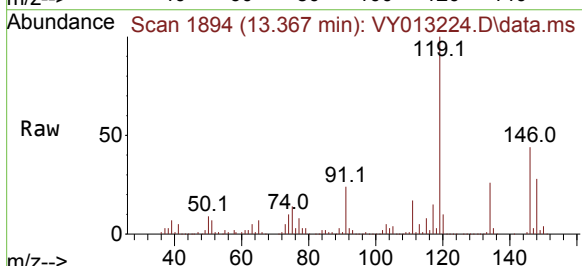
Tgt Ion:119 Resp: 629881

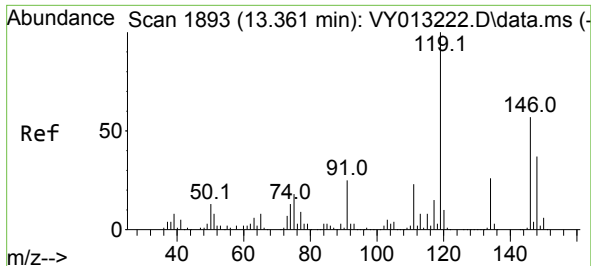
Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.6

91 24.3 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 146.448 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VY013224.D

Acq: 07 Apr 2023 18:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

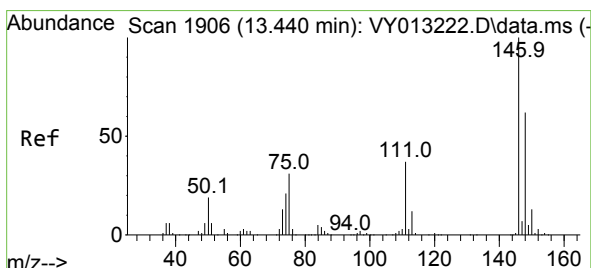
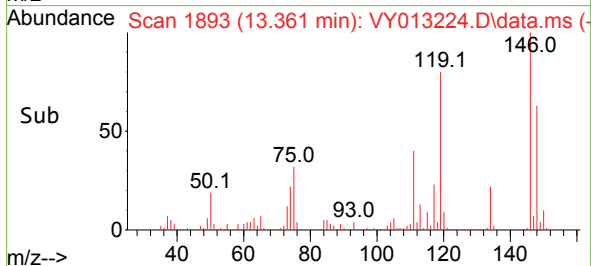
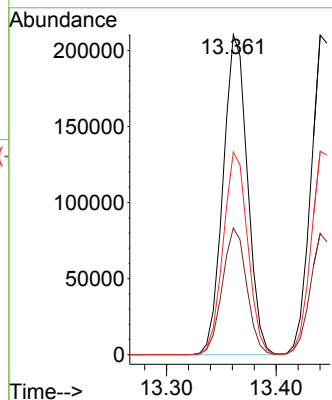
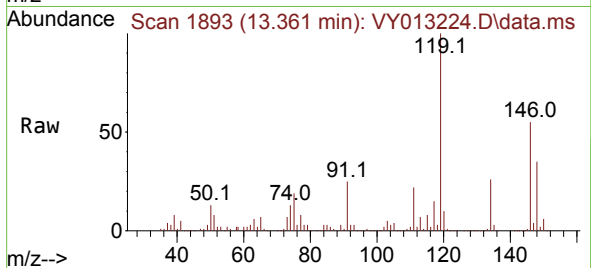
Tgt Ion:146 Resp: 324394

Ion Ratio Lower Upper

146 100

111 39.5 19.1 57.5

148 63.7 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 145.675 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.000 min

Lab File: VY013224.D

Acq: 07 Apr 2023 18:52

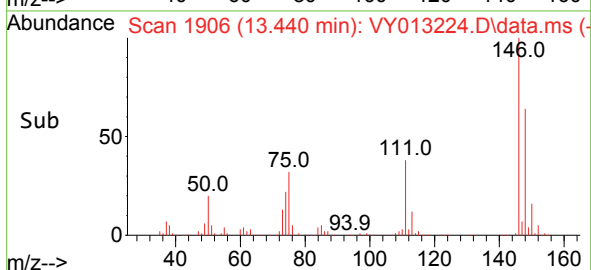
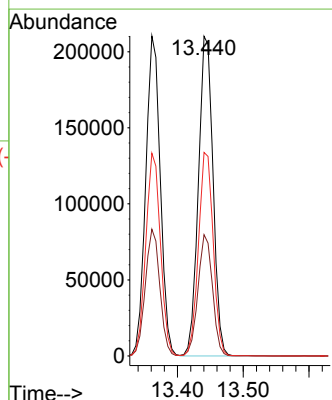
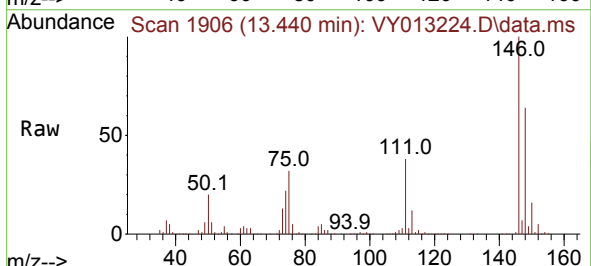
Tgt Ion:146 Resp: 324929

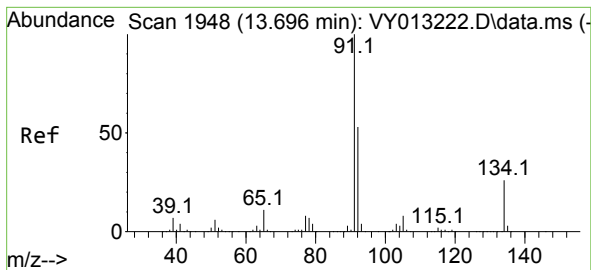
Ion Ratio Lower Upper

146 100

111 37.6 18.6 55.8

148 64.0 31.5 94.5





#89

n-Butylbenzene

Concen: 162.825 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY013224.D

Acq: 07 Apr 2023 18:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

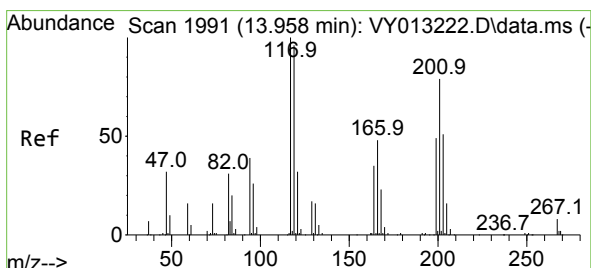
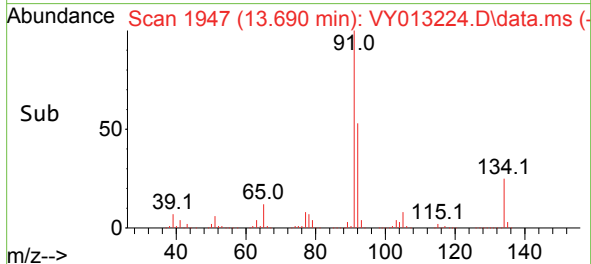
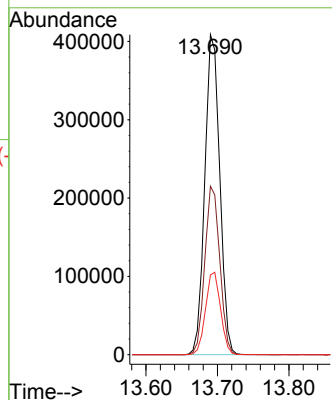
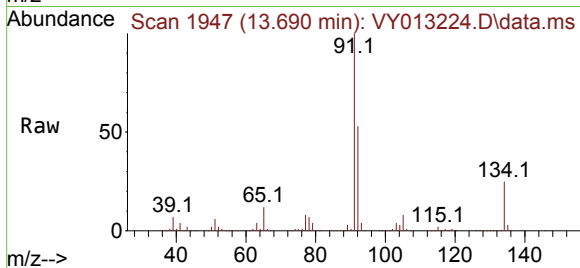
Tgt Ion: 91 Resp: 595095

Ion Ratio Lower Upper

91 100

92 52.7 26.4 79.0

134 25.8 13.0 38.9



#90

Hexachloroethane

Concen: 158.139 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY013224.D

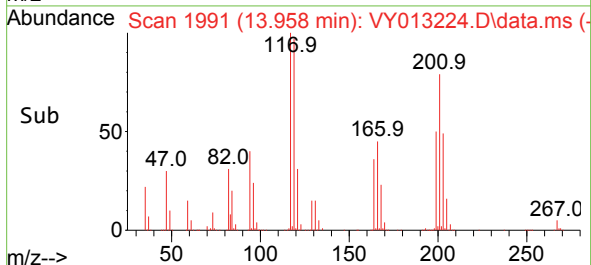
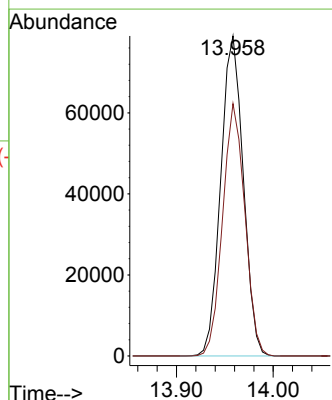
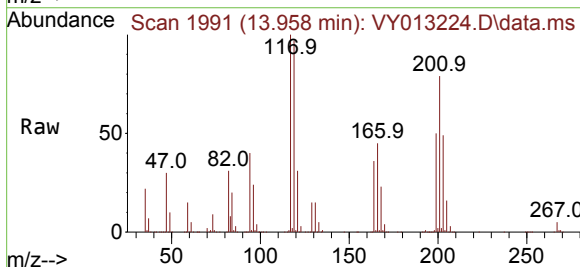
Acq: 07 Apr 2023 18:52

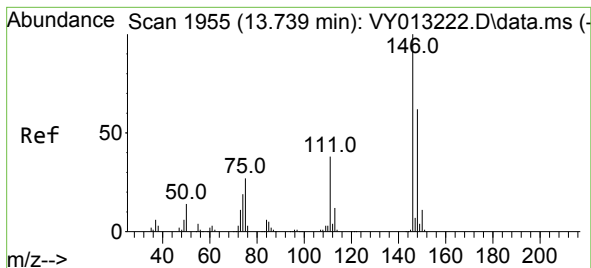
Tgt Ion: 117 Resp: 127491

Ion Ratio Lower Upper

117 100

201 77.8 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 149.305 ug/l

RT: 13.733 min Scan# 1954

Delta R.T. -0.006 min

Lab File: VY013224.D

Acq: 07 Apr 2023 18:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

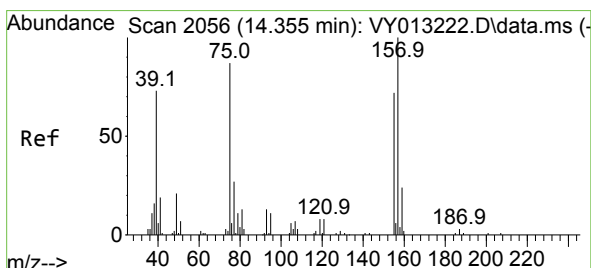
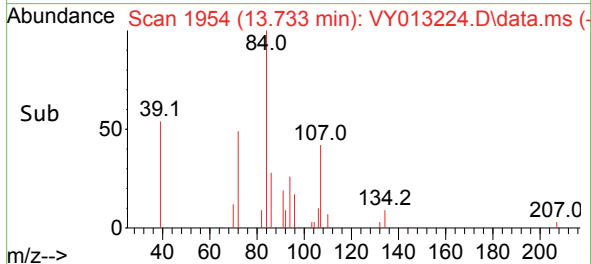
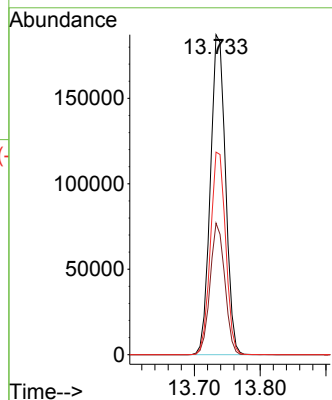
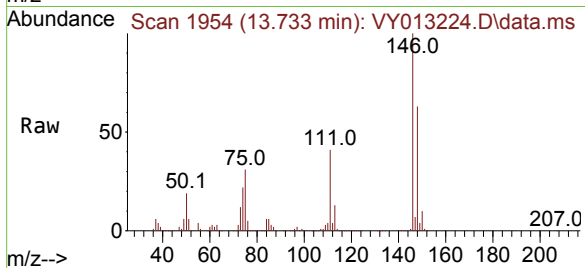
Tgt Ion:146 Resp: 299432

Ion Ratio Lower Upper

146 100

111 40.0 19.7 59.1

148 63.7 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 164.302 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013224.D

Acq: 07 Apr 2023 18:52

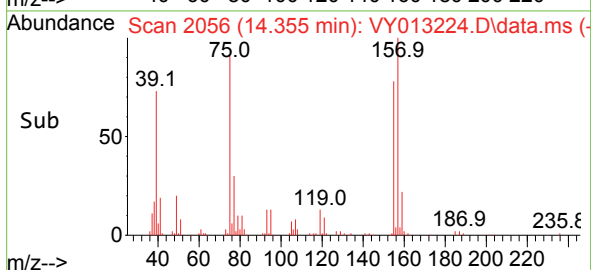
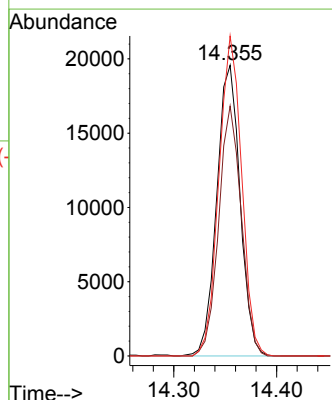
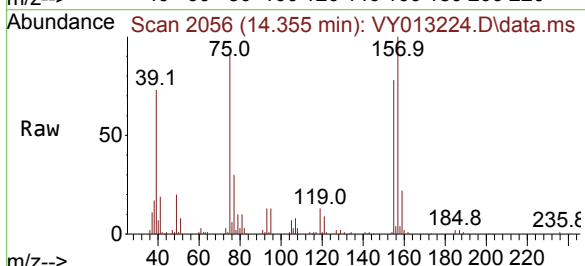
Tgt Ion: 75 Resp: 30780

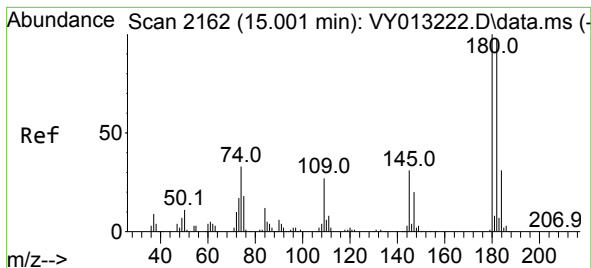
Ion Ratio Lower Upper

75 100

155 83.2 43.8 131.4

157 107.6 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 154.922 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.000 min

Lab File: VY013224.D

Acq: 07 Apr 2023 18:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

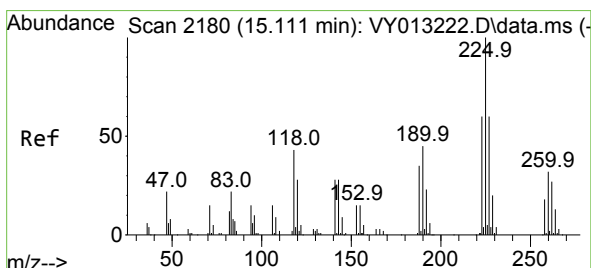
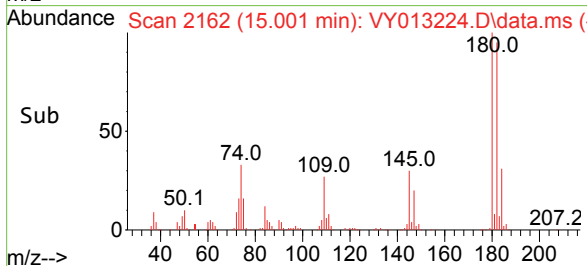
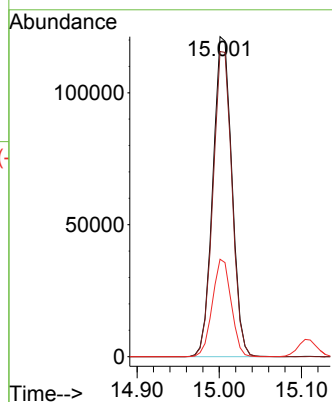
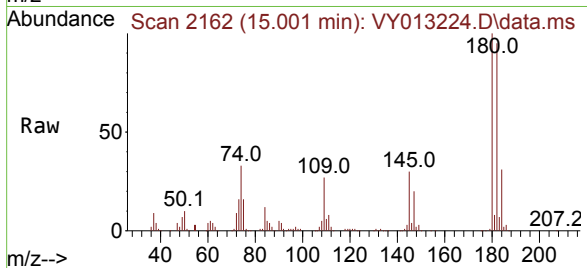
Tgt Ion:180 Resp: 195233

Ion Ratio Lower Upper

180 100

182 95.3 46.7 140.1

145 30.0 14.6 43.8



#94

Hexachlorobutadiene

Concen: 140.746 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013224.D

Acq: 07 Apr 2023 18:52

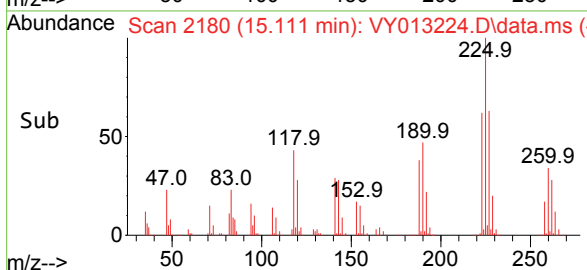
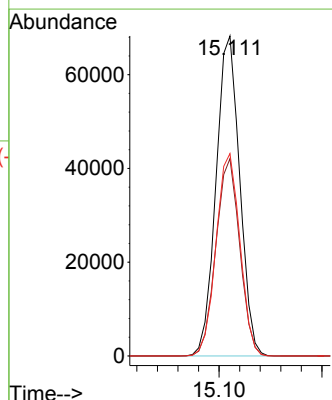
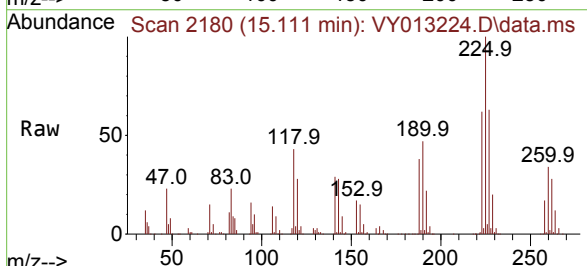
Tgt Ion:225 Resp: 109019

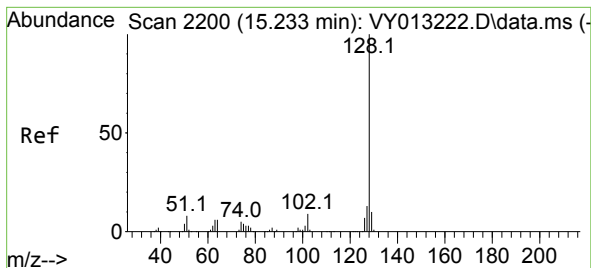
Ion Ratio Lower Upper

225 100

223 62.0 31.1 93.3

227 63.8 32.4 97.0





#95

Naphthalene

Concen: 167.168 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY013224.D

Acq: 07 Apr 2023 18:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

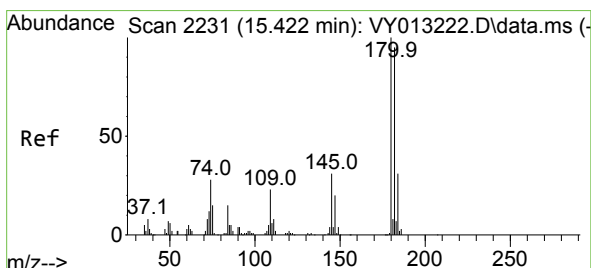
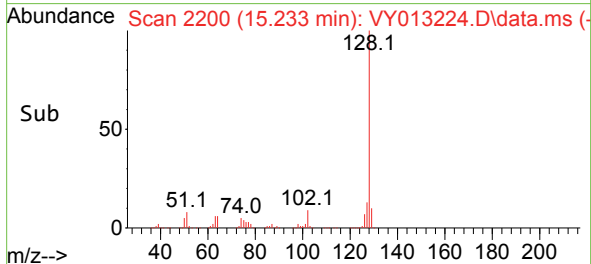
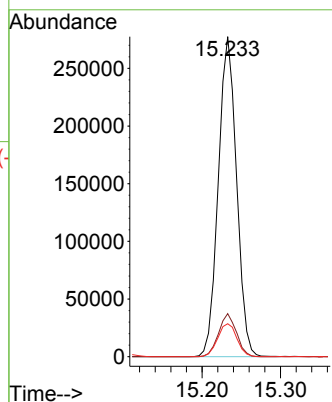
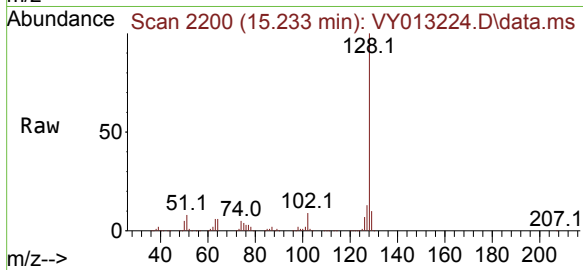
Tgt Ion:128 Resp: 449995

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 149.200 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013224.D

Acq: 07 Apr 2023 18:52

Tgt Ion:180 Resp: 176017

Ion Ratio Lower Upper

180 100

182 96.0 47.4 142.3

145 31.7 15.3 45.8

