

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031323\
 Data File : VY012920.D
 Acq On : 13 Mar 2023 10:50
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 14 01:23:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	106334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	158079	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	141622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72657	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	43892	41.574	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.140%
35) Dibromofluoromethane	7.716	113	44955	47.122	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.240%
50) Toluene-d8	10.179	98	155372	44.549	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.100%
62) 4-Bromofluorobenzene	12.483	95	55333	47.005	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.020%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	47075	44.915	ug/l	98
3) Chloromethane	2.119	50	53871	42.994	ug/l	99
4) Vinyl Chloride	2.253	62	53957	46.961	ug/l	98
5) Bromomethane	2.656	94	34235	49.037	ug/l	91
6) Chloroethane	2.796	64	33397	48.535	ug/l	99
7) Trichlorofluoromethane	3.131	101	95573	50.083	ug/l	100
8) Diethyl Ether	3.534	74	30768	46.009	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.900	101	56974	49.624	ug/l	99
10) Methyl Iodide	4.095	142	74532	49.822	ug/l	98
11) Tert butyl alcohol	4.948	59	25107	202.997	ug/l	100
12) 1,1-Dichloroethene	3.875	96	54056	49.366	ug/l	99
13) Acrolein	3.729	56	30290	163.758	ug/l	100
14) Allyl chloride	4.485	41	93954	46.450	ug/l	98
15) Acrylonitrile	5.161	53	76833	218.054	ug/l	100
16) Acetone	3.942	43	109358	263.899	ug/l	98
17) Carbon Disulfide	4.198	76	167639	44.977	ug/l	100
18) Methyl Acetate	4.479	43	52042	42.172	ug/l	97
19) Methyl tert-butyl Ether	5.216	73	135162	47.788	ug/l	99
20) Methylene Chloride	4.716	84	63498	50.240	ug/l	97
21) trans-1,2-Dichloroethene	5.222	96	58544	49.199	ug/l	96
22) Diisopropyl ether	6.119	45	175190	47.687	ug/l	94
23) Vinyl Acetate	6.058	43	524768	229.892	ug/l	98
24) 1,1-Dichloroethane	6.021	63	100837	48.168	ug/l	100
25) 2-Butanone	6.984	43	121342	236.414	ug/l	98
26) 2,2-Dichloropropane	6.984	77	92965	50.000	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	64917	50.885	ug/l	98
28) Bromochloromethane	7.332	49	35020	45.776	ug/l	93
29) Tetrahydrofuran	7.344	42	64647	208.836	ug/l	97
30) Chloroform	7.503	83	105489	51.015	ug/l	100
31) Cyclohexane	7.783	56	88519	43.779	ug/l	93
32) 1,1,1-Trichloroethane	7.704	97	95472	51.055	ug/l	99
36) 1,1-Dichloropropene	7.917	75	80580	50.403	ug/l	99
37) Ethyl Acetate	7.070	43	42920	42.595	ug/l	99
38) Carbon Tetrachloride	7.899	117	89176	54.016	ug/l	98
39) Methylcyclohexane	9.185	83	96364	50.700	ug/l	98
40) Benzene	8.161	78	232816	51.482	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031323\
 Data File : VY012920.D
 Acq On : 13 Mar 2023 10:50
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 14 01:23:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	61990	114.186	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	69639	51.220	ug/l	99
43) Isopropyl Acetate	8.271	43	80999	45.056	ug/l	97
44) Trichloroethene	8.941	130	63246	53.045	ug/l	96
45) 1,2-Dichloropropane	9.216	63	56915	49.799	ug/l	100
46) Dibromomethane	9.307	93	33579	51.572	ug/l	97
47) Bromodichloromethane	9.496	83	80495	52.461	ug/l	98
48) Methyl methacrylate	9.295	41	38227	46.148	ug/l	96
49) 1,4-Dioxane	9.301	88	8143	967.415	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	224053	229.759	ug/l	98
52) Toluene	10.246	92	146469	53.704	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	82949	51.540	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	94209	51.717	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	46877	51.696	ug/l	94
56) Ethyl methacrylate	10.514	69	60621	50.138	ug/l	97
57) 1,3-Dichloropropane	10.795	76	78387	50.754	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	155963	245.720	ug/l	99
59) 2-Hexanone	10.831	43	174948	246.846	ug/l	99
60) Dibromochloromethane	10.984	129	57923	52.476	ug/l	99
61) 1,2-Dibromoethane	11.093	107	44135	50.527	ug/l	100
64) Tetrachloroethene	10.721	164	55526	53.851	ug/l	97
65) Chlorobenzene	11.520	112	155668	52.373	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	58560	53.244	ug/l	100
67) Ethyl Benzene	11.593	91	279813	53.545	ug/l	99
68) m/p-Xylenes	11.703	106	215835	107.363	ug/l	98
69) o-Xylene	12.032	106	102191	54.467	ug/l	97
70) Styrene	12.044	104	171832	54.881	ug/l	100
71) Bromoform	12.209	173	37689	52.557	ug/l #	97
73) Isopropylbenzene	12.331	105	274818	53.370	ug/l	100
74) N-amyl acetate	12.142	43	71399	44.069	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	55131	47.629	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	71345	82.229	ug/l #	100
77) Bromobenzene	12.611	156	65386	52.270	ug/l	94
78) n-propylbenzene	12.672	91	338195	53.272	ug/l	99
79) 2-Chlorotoluene	12.758	91	184744	52.360	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	227294	53.487	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	20015	47.798	ug/l	99
82) 4-Chlorotoluene	12.855	91	190484	52.153	ug/l	100
83) tert-Butylbenzene	13.075	119	205290	55.971	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	224079	53.925	ug/l	100
85) sec-Butylbenzene	13.258	105	300779	53.754	ug/l	100
86) p-Isopropyltoluene	13.373	119	249592	54.578	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	128621	53.312	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	127742	51.879	ug/l	99
89) n-Butylbenzene	13.697	91	233446	53.323	ug/l	99
90) Hexachloroethane	13.965	117	50219	52.724	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	114309	52.413	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8313	44.438	ug/l	92
93) 1,2,4-Trichlorobenzene	15.013	180	69803	51.983	ug/l	99
94) Hexachlorobutadiene	15.117	225	42694	52.129	ug/l	99
95) Naphthalene	15.239	128	133231	49.512	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	62375	52.229	ug/l	99

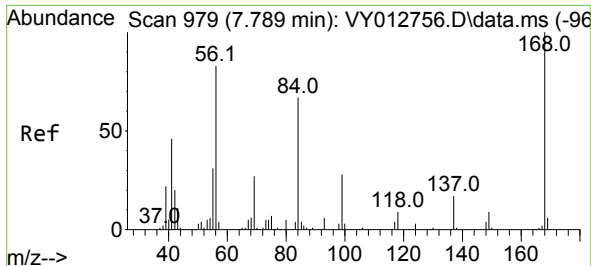
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031323\
Data File : VY012920.D
Acq On : 13 Mar 2023 10:50
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Quant Time: Mar 14 01:23:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration

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

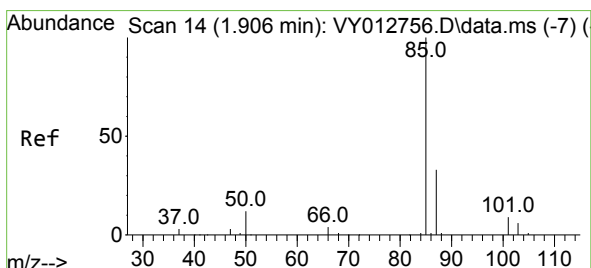
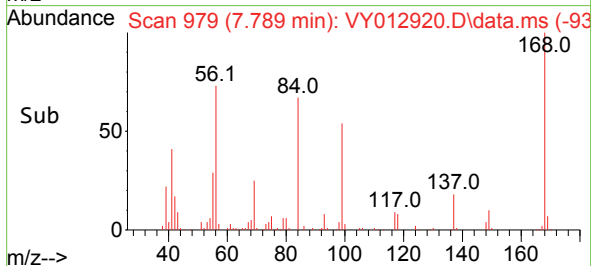
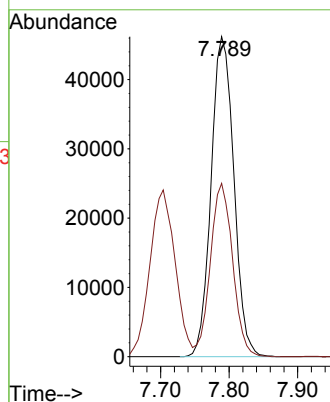
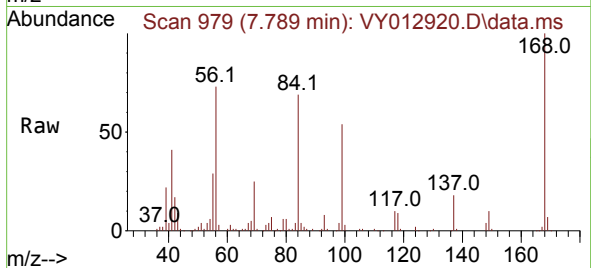
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012920.D
Acq: 13 Mar 2023 10:50

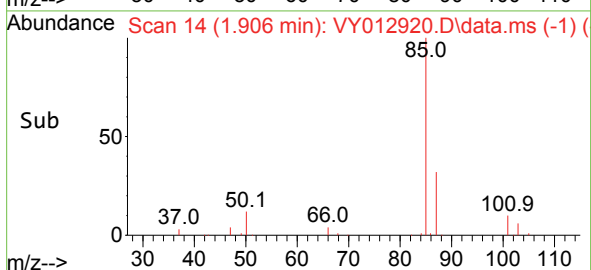
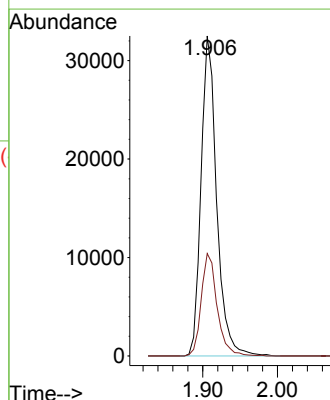
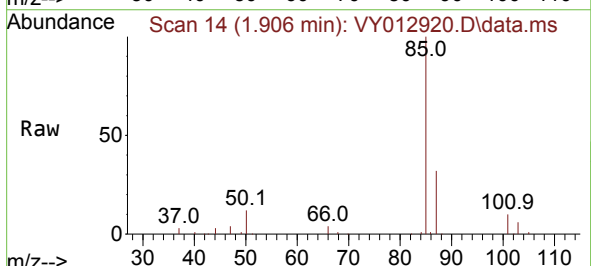
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

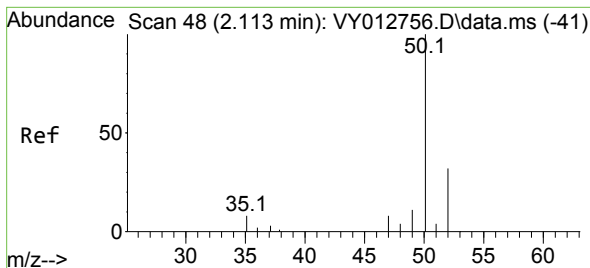
Tgt Ion:168 Resp: 106334
Ion Ratio Lower Upper
168 100
99 54.1 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 44.915 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012920.D
Acq: 13 Mar 2023 10:50

Tgt Ion: 85 Resp: 47075
Ion Ratio Lower Upper
85 100
87 32.0 16.7 50.0





#3

Chloromethane

Concen: 42.994 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.006 min

Lab File: VY012920.D

Acq: 13 Mar 2023 10:50

Instrument :

MSVOA_Y

ClientSampleId :

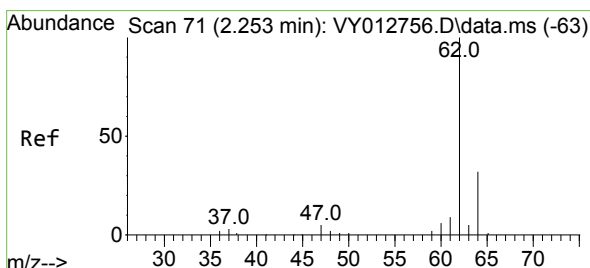
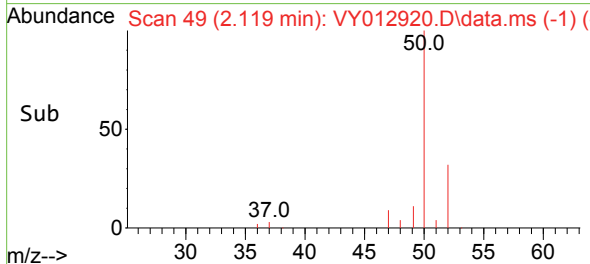
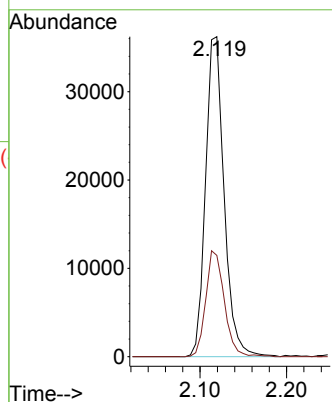
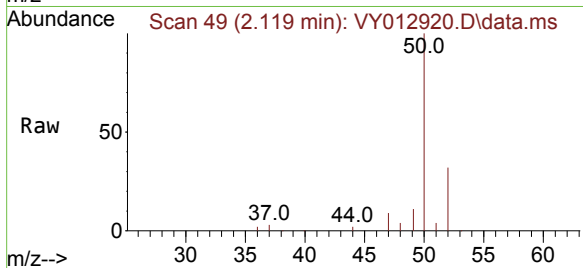
VSTDCCC050

Tgt Ion: 50 Resp: 53871

Ion Ratio Lower Upper

50 100

52 31.7 26.0 39.0



#4

Vinyl Chloride

Concen: 46.961 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY012920.D

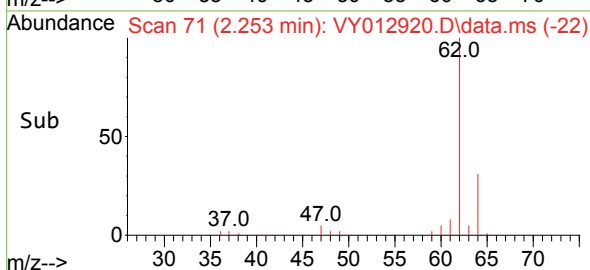
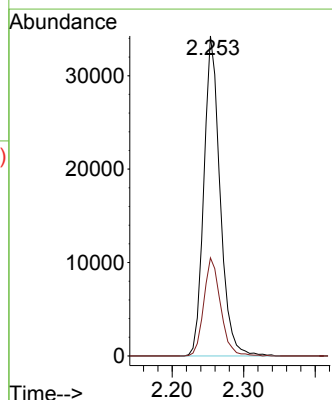
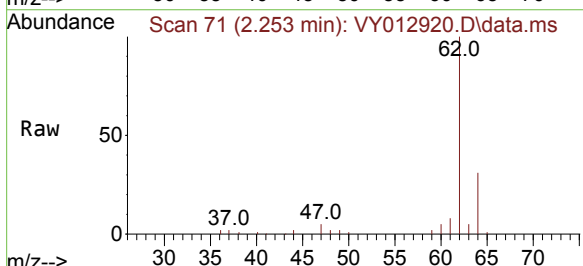
Acq: 13 Mar 2023 10:50

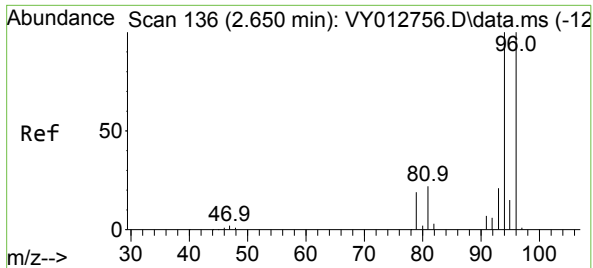
Tgt Ion: 62 Resp: 53957

Ion Ratio Lower Upper

62 100

64 30.7 25.6 38.4

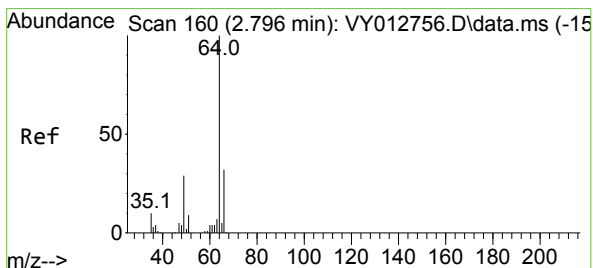
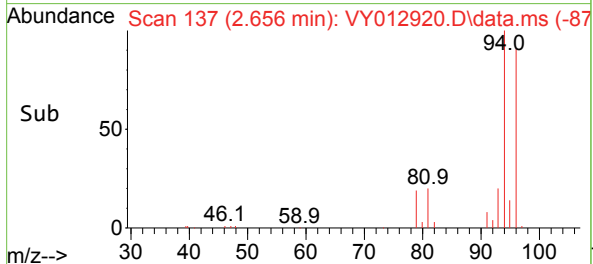
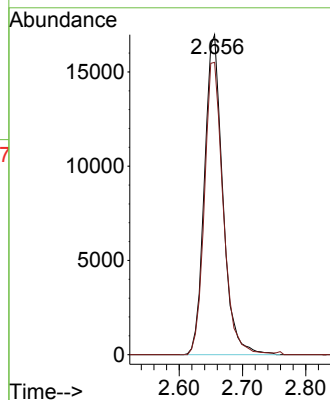
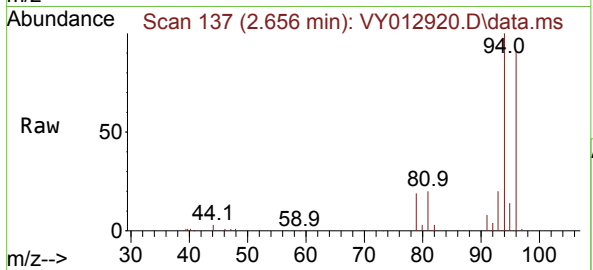




#5
Bromomethane
Concen: 49.037 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012920.D
Acq: 13 Mar 2023 10:50

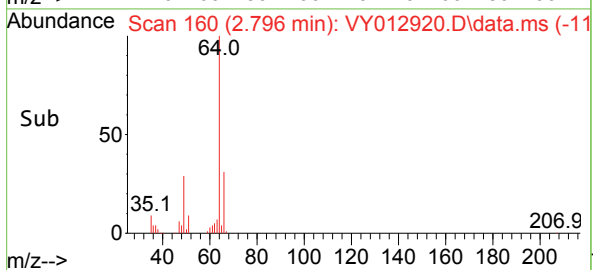
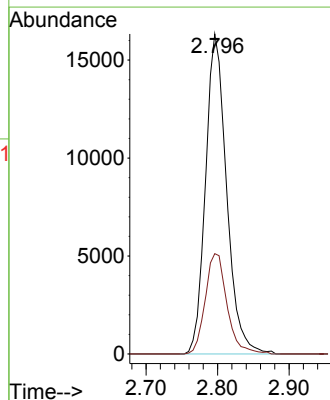
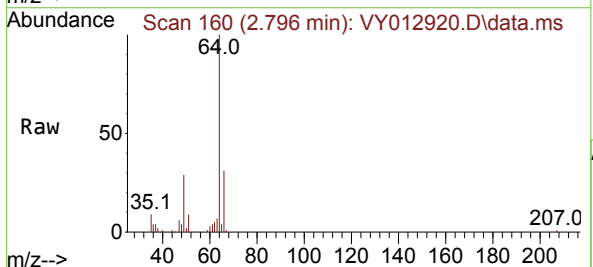
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

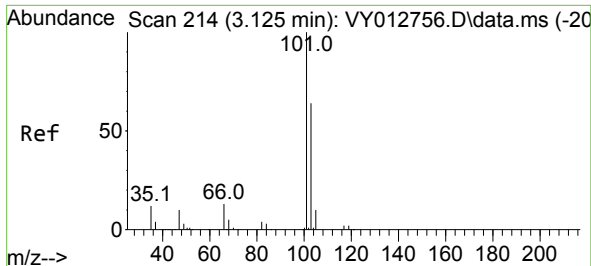
Tgt Ion: 94 Resp: 34235
Ion Ratio Lower Upper
94 100
96 91.3 80.3 120.5



#6
Chloroethane
Concen: 48.535 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY012920.D
Acq: 13 Mar 2023 10:50

Tgt Ion: 64 Resp: 33397
Ion Ratio Lower Upper
64 100
66 31.3 25.7 38.5

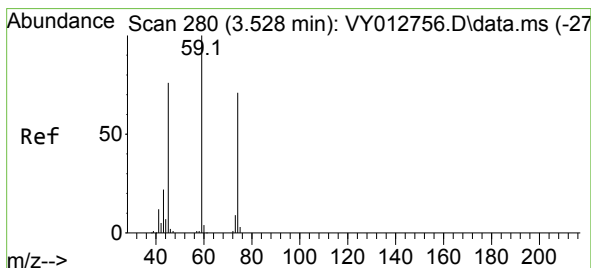
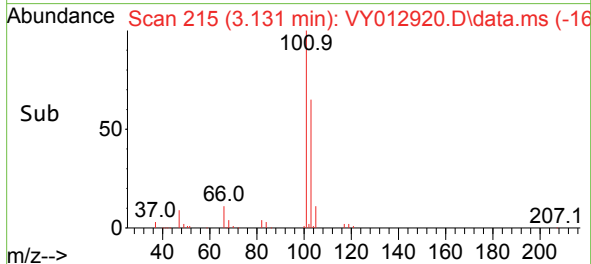
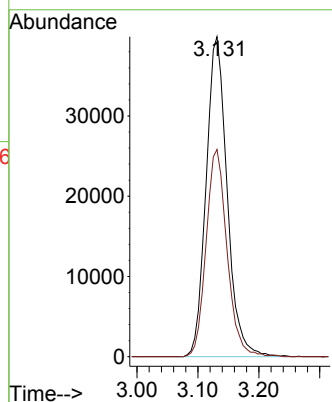
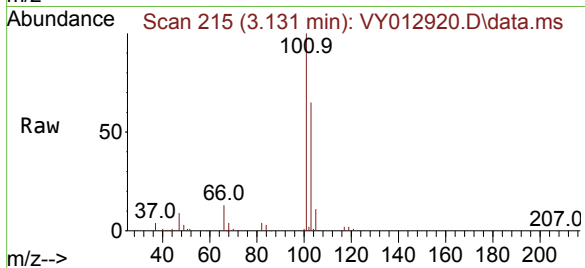




#7
Trichlorofluoromethane
Concen: 50.083 ug/l
RT: 3.131 min Scan# 214
Delta R.T. 0.006 min
Lab File: VY012920.D
Acq: 13 Mar 2023 10:50

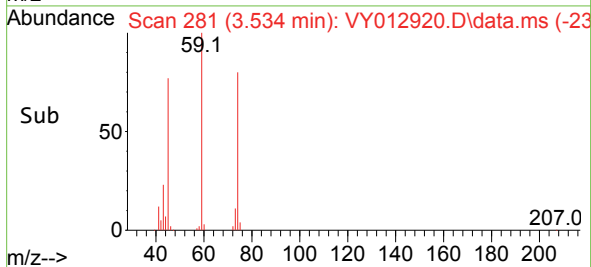
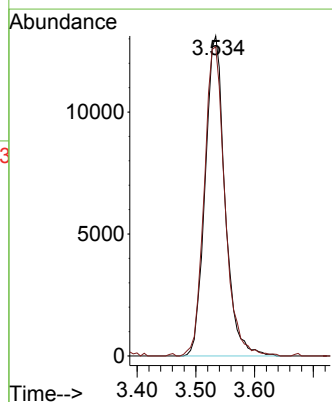
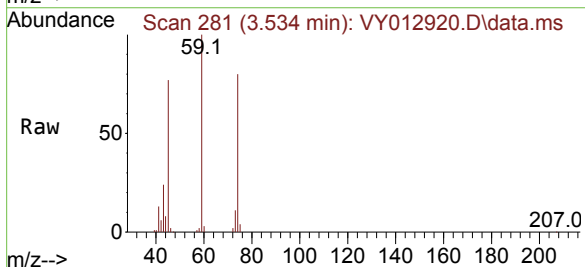
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

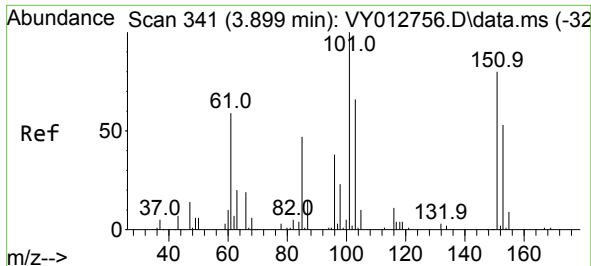
Tgt Ion:101 Resp: 95573
Ion Ratio Lower Upper
101 100
103 64.8 51.5 77.3



#8
Diethyl Ether
Concen: 46.009 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.006 min
Lab File: VY012920.D
Acq: 13 Mar 2023 10:50

Tgt Ion: 74 Resp: 30768
Ion Ratio Lower Upper
74 100
45 101.2 52.1 156.4

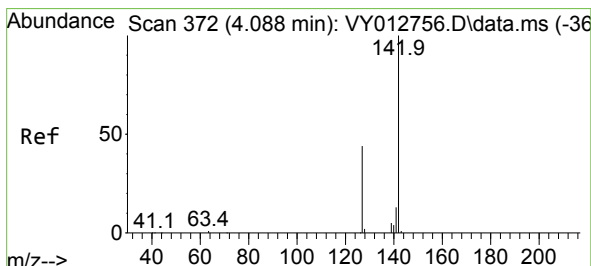
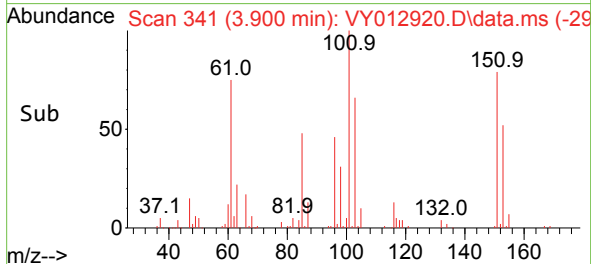
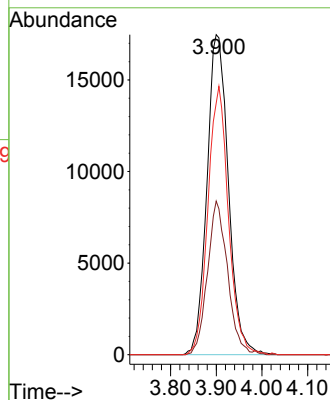
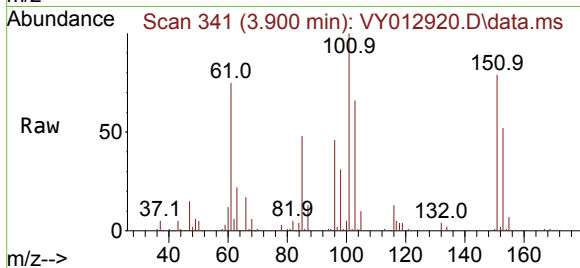




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.624 ug/l
RT: 3.900 min Scan# 341
Delta R.T. 0.001 min
Lab File: VY012920.D
Acq: 13 Mar 2023 10:50

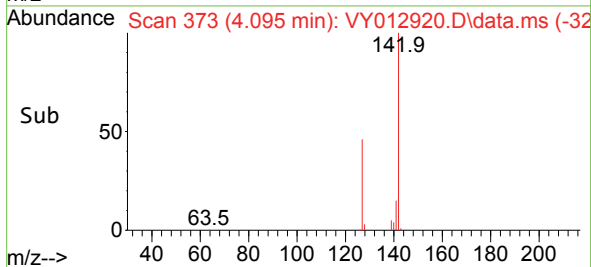
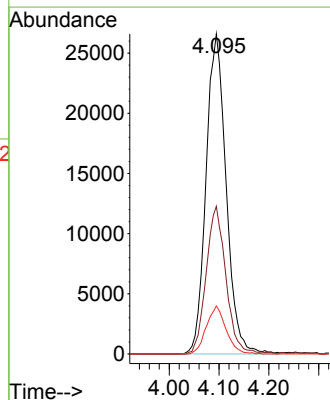
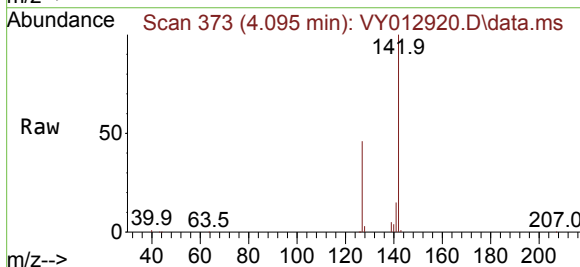
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

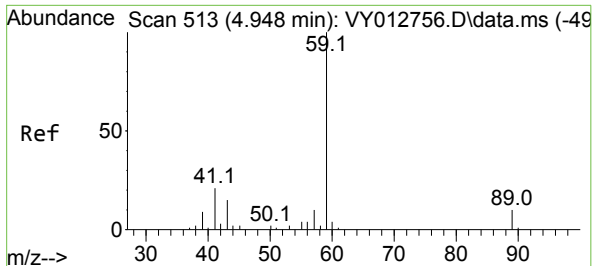
Tgt Ion:101 Resp: 56974
Ion Ratio Lower Upper
101 100
85 45.1 35.3 52.9
151 80.1 63.1 94.7



#10
Methyl Iodide
Concen: 49.822 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.007 min
Lab File: VY012920.D
Acq: 13 Mar 2023 10:50

Tgt Ion:142 Resp: 74532
Ion Ratio Lower Upper
142 100
127 45.4 35.4 53.2
141 14.6 11.3 16.9

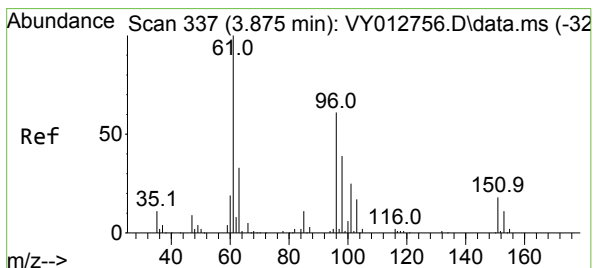
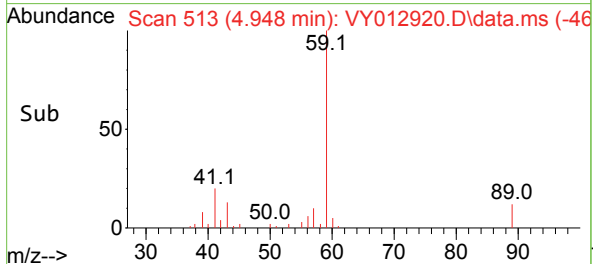
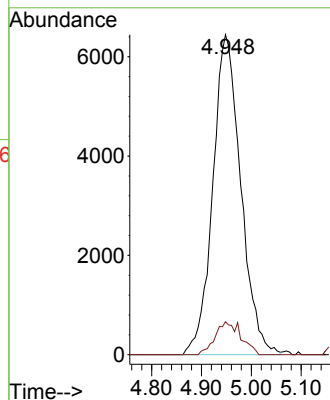
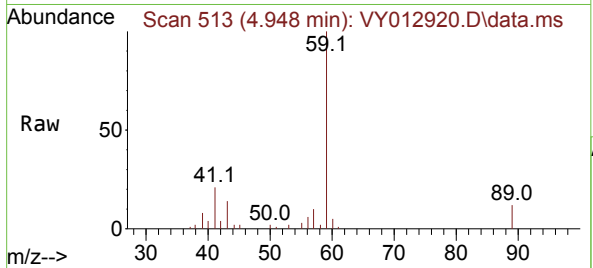




#11
Tert butyl alcohol
Concen: 202.997 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY012920.D
Acq: 13 Mar 2023 10:50

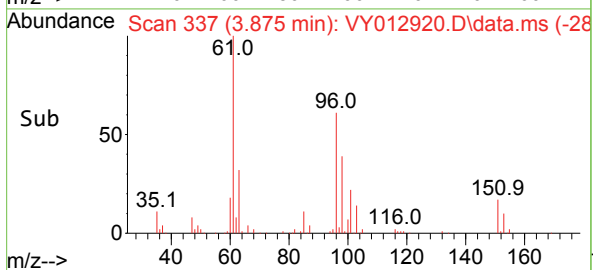
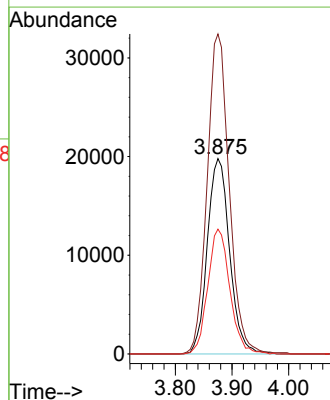
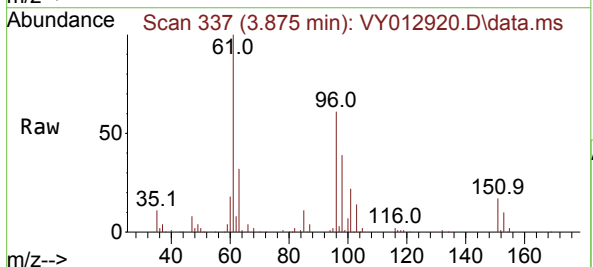
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

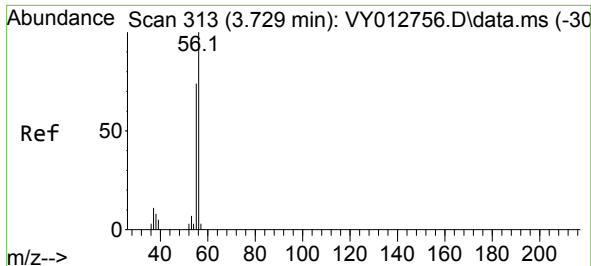
Tgt Ion: 59 Resp: 25107
Ion Ratio Lower Upper
59 100
57 9.5 7.7 11.5



#12
1,1-Dichloroethene
Concen: 49.366 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY012920.D
Acq: 13 Mar 2023 10:50

Tgt Ion: 96 Resp: 54056
Ion Ratio Lower Upper
96 100
61 163.8 131.7 197.5
98 63.9 52.0 78.0





#13

Acrolein

Concen: 163.758 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY012920.D

Acq: 13 Mar 2023 10:50

Instrument :

MSVOA_Y

ClientSampleId :

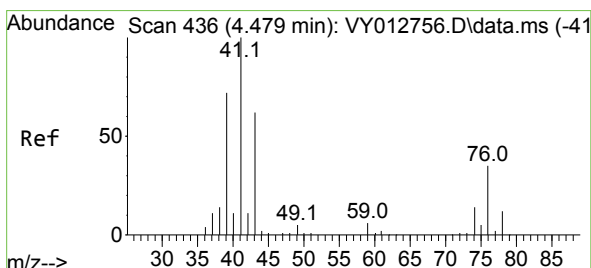
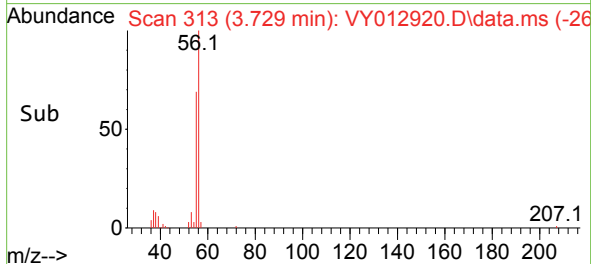
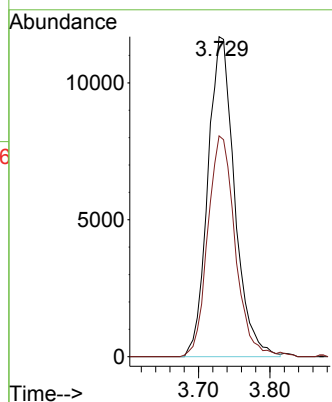
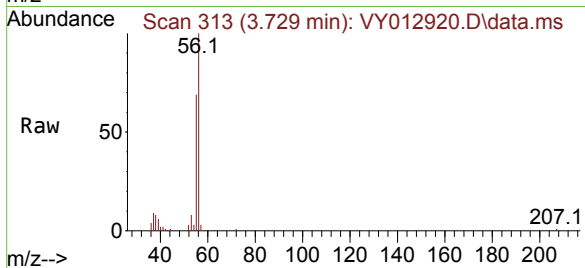
VSTDCCC050

Tgt Ion: 56 Resp: 30290

Ion Ratio Lower Upper

56 100

55 70.9 56.8 85.2



#14

Allyl chloride

Concen: 46.450 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY012920.D

Acq: 13 Mar 2023 10:50

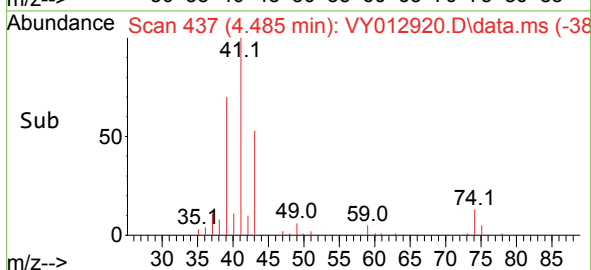
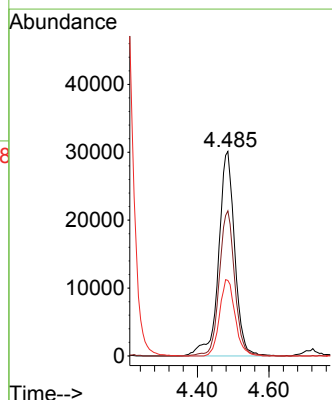
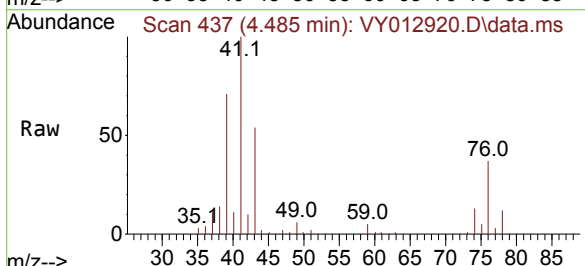
Tgt Ion: 41 Resp: 93954

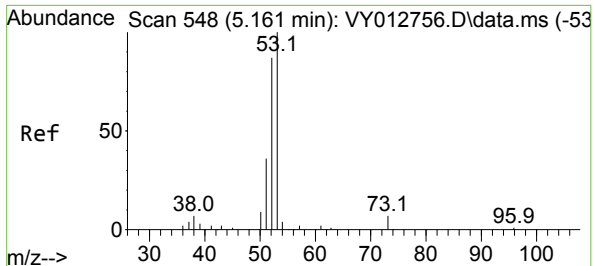
Ion Ratio Lower Upper

41 100

39 68.3 53.6 80.4

76 36.1 27.2 40.8





#15

Acrylonitrile

Concen: 218.054 ug/l

RT: 5.161 min Scan# 54

Delta R.T. 0.000 min

Lab File: VY012920.D

Acq: 13 Mar 2023 10:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

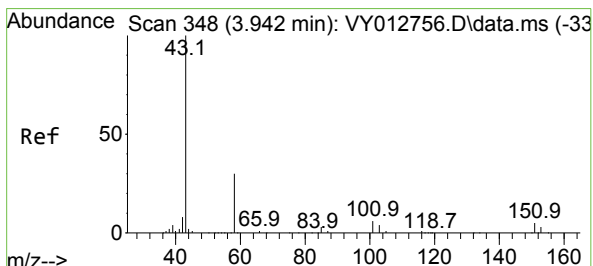
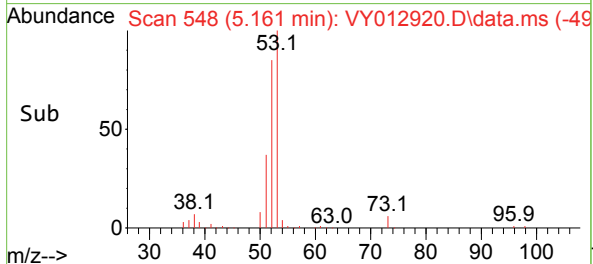
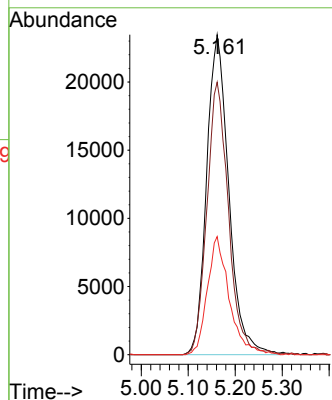
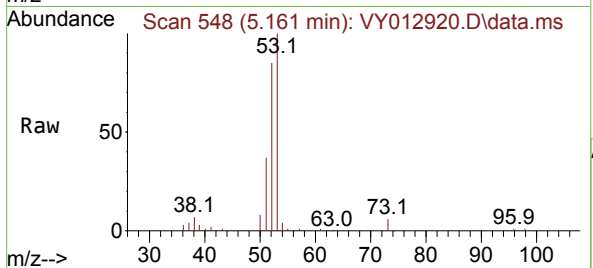
Tgt Ion: 53 Resp: 76833

Ion Ratio Lower Upper

53 100

52 83.1 66.3 99.5

51 36.6 28.8 43.2



#16

Acetone

Concen: 263.899 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY012920.D

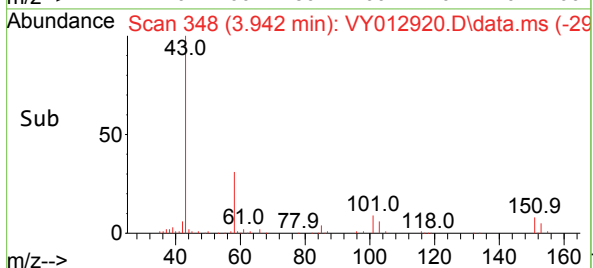
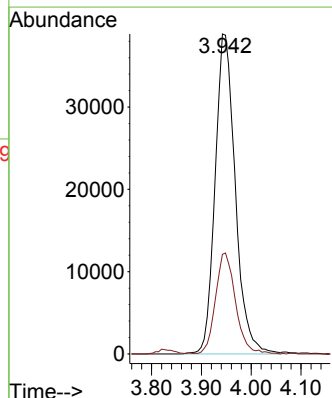
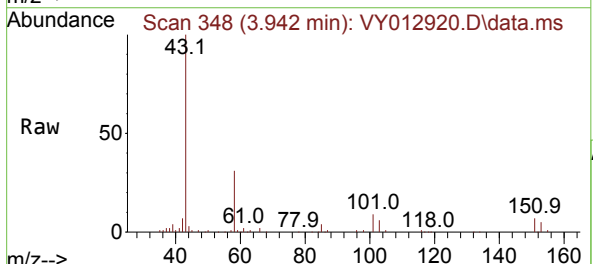
Acq: 13 Mar 2023 10:50

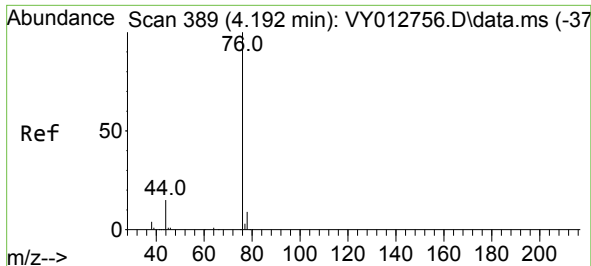
Tgt Ion: 43 Resp: 109358

Ion Ratio Lower Upper

43 100

58 31.2 24.2 36.2

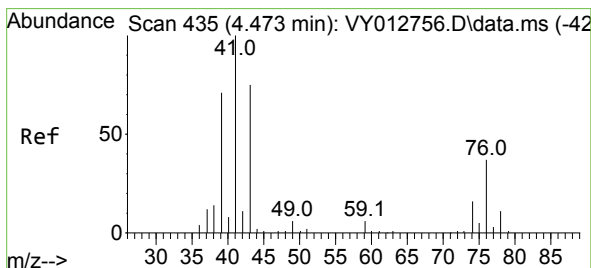
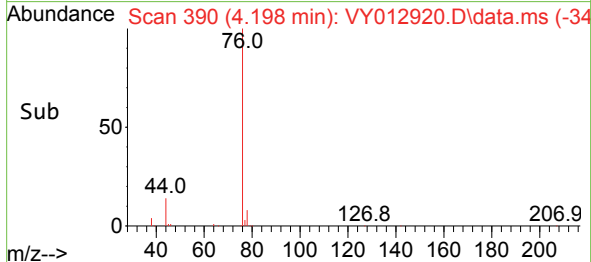
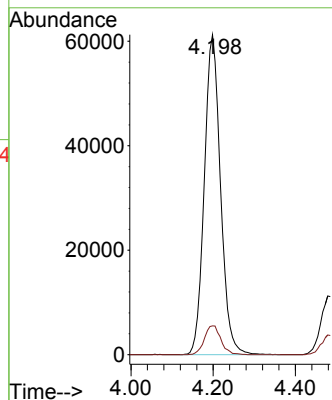
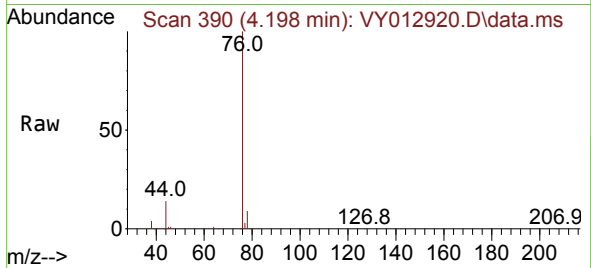




#17
Carbon Disulfide
Concen: 44.977 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY012920.D
Acq: 13 Mar 2023 10:50

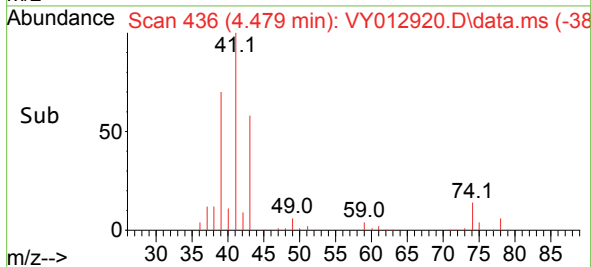
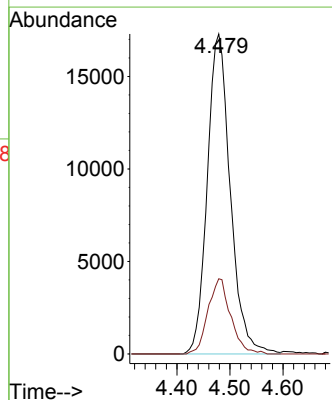
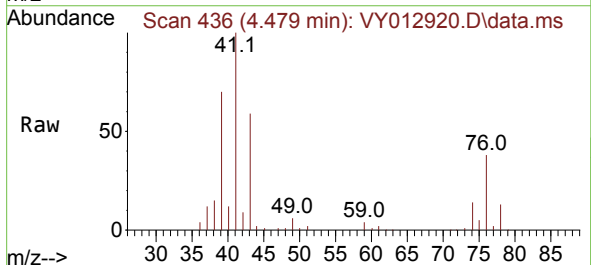
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

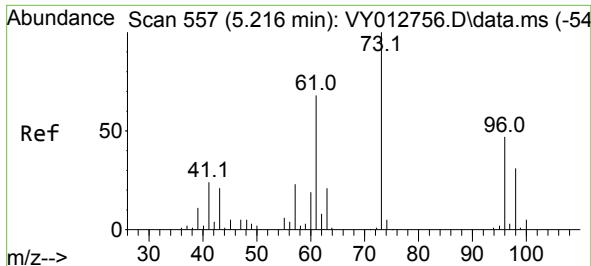
Tgt Ion: 76 Resp: 167639
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 42.172 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY012920.D
Acq: 13 Mar 2023 10:50

Tgt Ion: 43 Resp: 52042
Ion Ratio Lower Upper
43 100
74 23.2 17.4 26.0

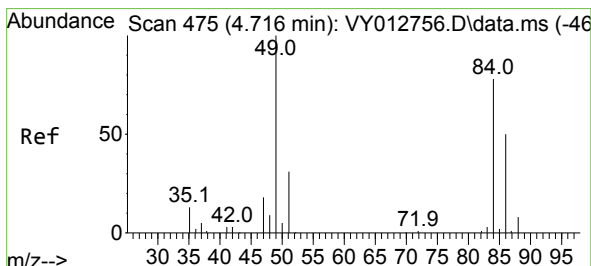
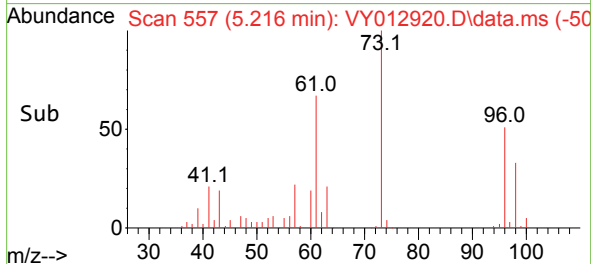
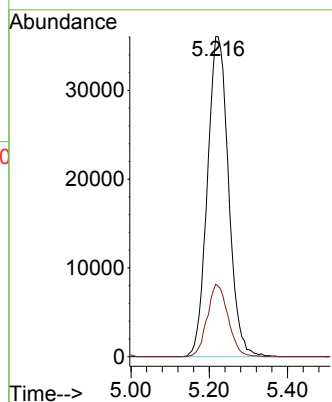
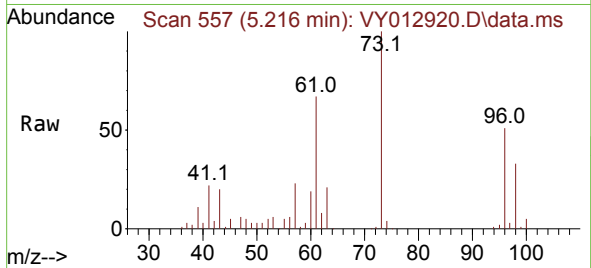




#19
Methyl tert-butyl Ether
Concen: 47.788 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY012920.D
Acq: 13 Mar 2023 10:50

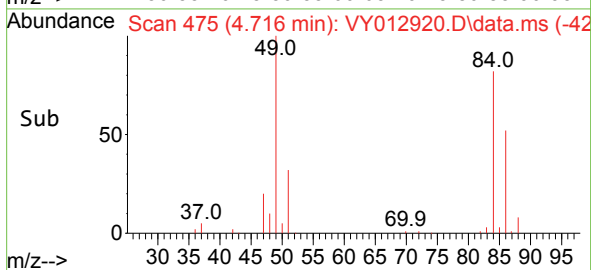
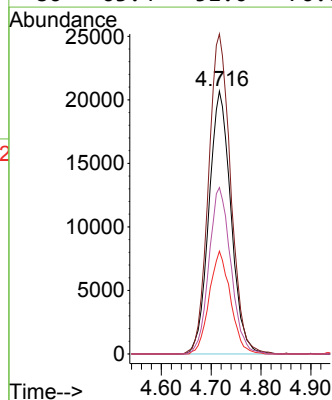
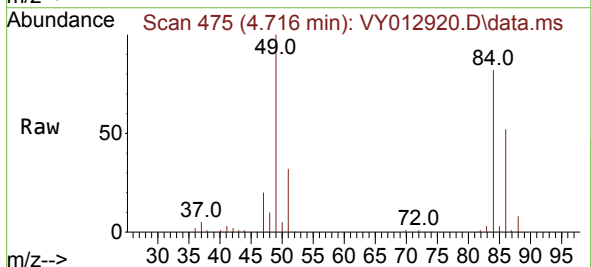
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

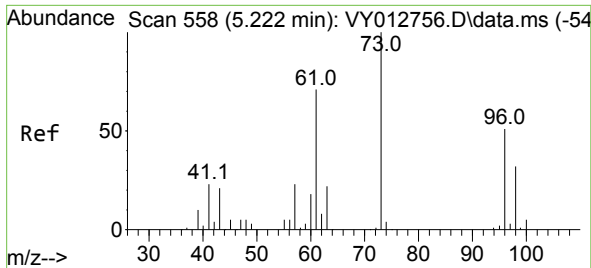
Tgt Ion: 73 Resp: 135162
Ion Ratio Lower Upper
73 100
57 22.6 18.3 27.5



#20
Methylene Chloride
Concen: 50.240 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012920.D
Acq: 13 Mar 2023 10:50

Tgt Ion: 84 Resp: 63498
Ion Ratio Lower Upper
84 100
49 121.8 102.6 154.0
51 39.1 31.9 47.9
86 63.4 51.0 76.6

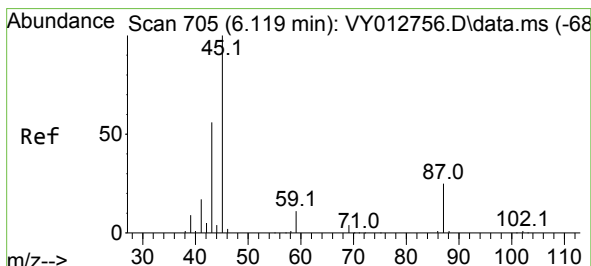
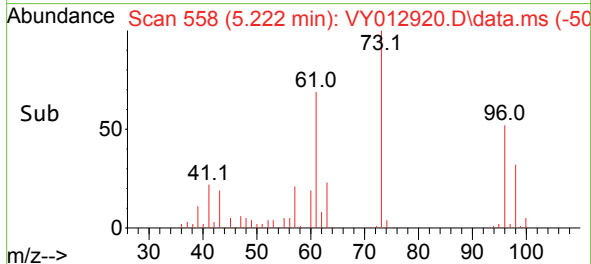
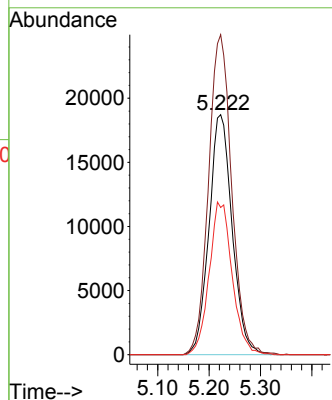
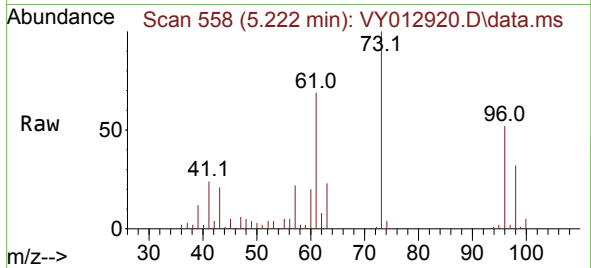




#21
trans-1,2-Dichloroethene
Concen: 49.199 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY012920.D
Acq: 13 Mar 2023 10:50

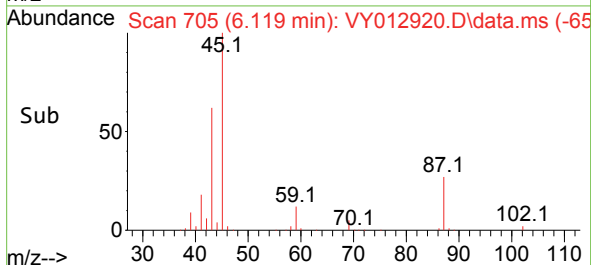
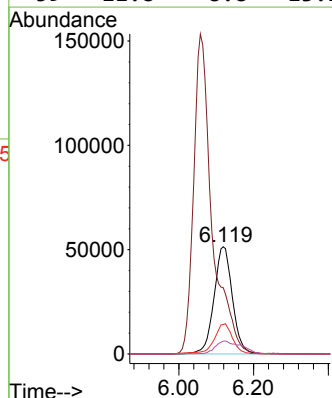
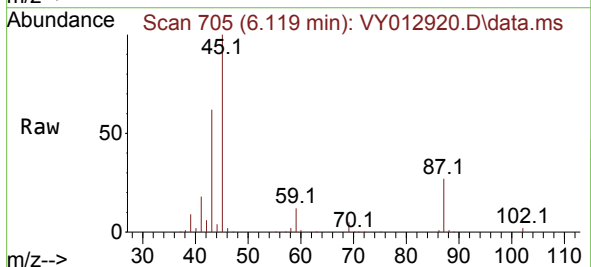
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

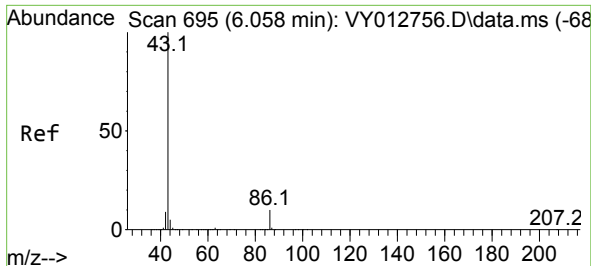
Tgt Ion: 96 Resp: 58544
Ion Ratio Lower Upper
96 100
61 133.3 111.4 167.0
98 61.3 50.8 76.2



#22
Diisopropyl ether
Concen: 47.687 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY012920.D
Acq: 13 Mar 2023 10:50

Tgt Ion: 45 Resp: 175190
Ion Ratio Lower Upper
45 100
43 61.4 45.0 67.6
87 27.5 20.3 30.5
59 11.8 8.8 13.2

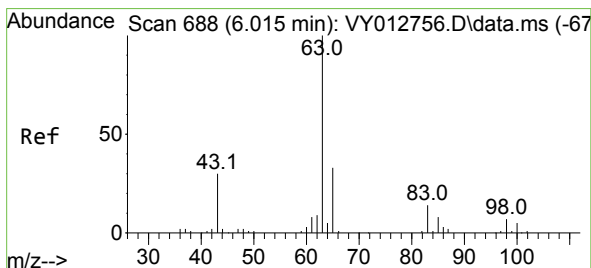
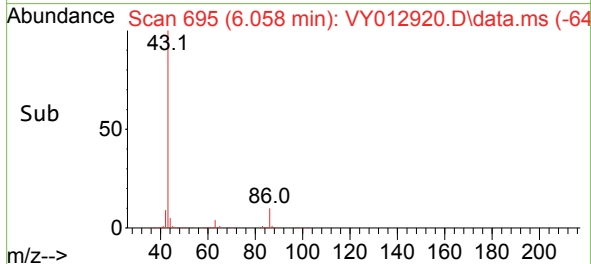
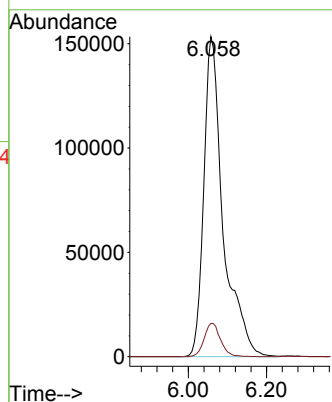
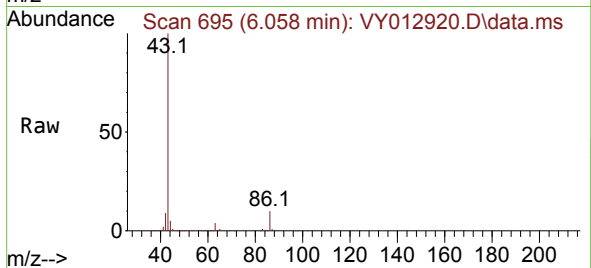




#23
 Vinyl Acetate
 Concen: 229.892 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VY012920.D
 Acq: 13 Mar 2023 10:50

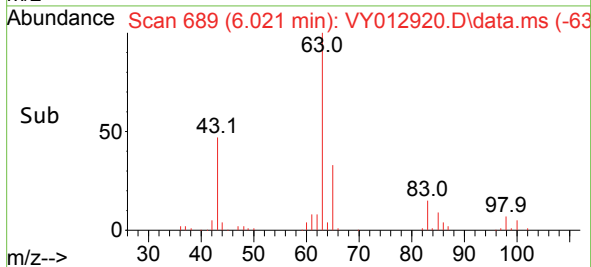
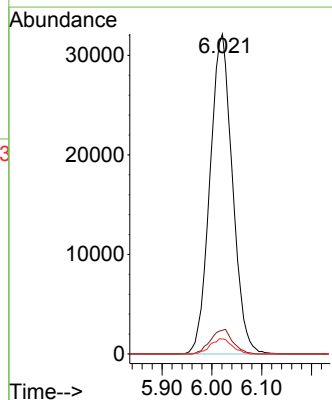
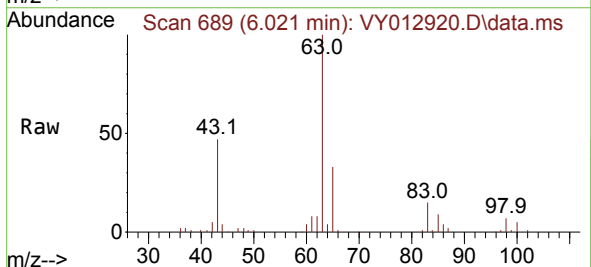
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

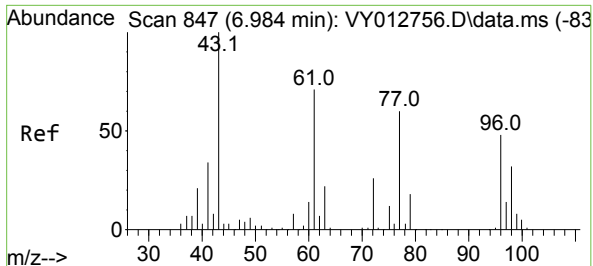
Tgt Ion: 43 Resp: 524768
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 48.168 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY012920.D
 Acq: 13 Mar 2023 10:50

Tgt Ion: 63 Resp: 100837
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.7 11.1
 100 4.7 2.3 6.8

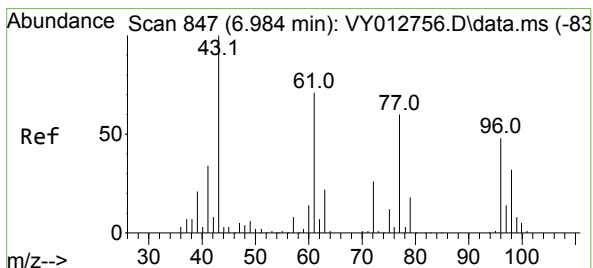
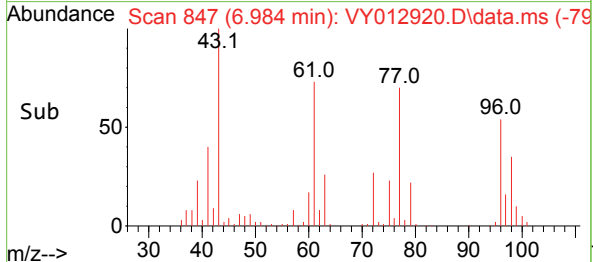
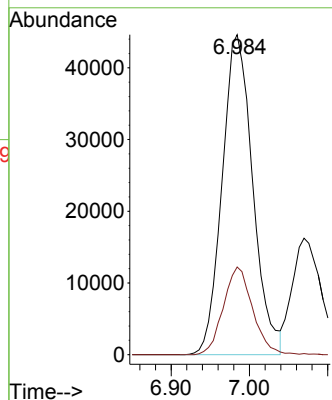
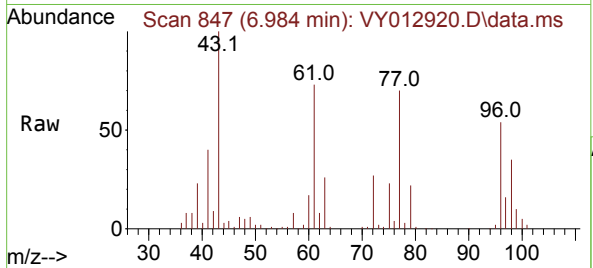




#25
2-Butanone
Concen: 236.414 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY012920.D
Acq: 13 Mar 2023 10:50

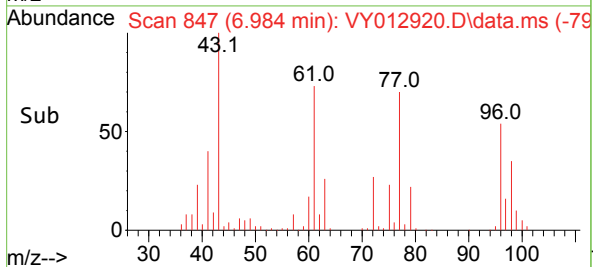
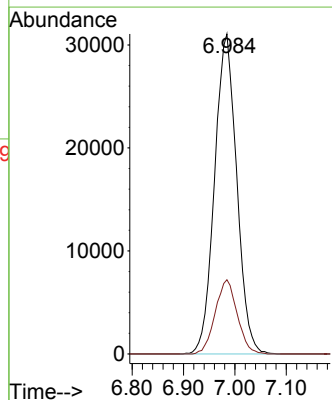
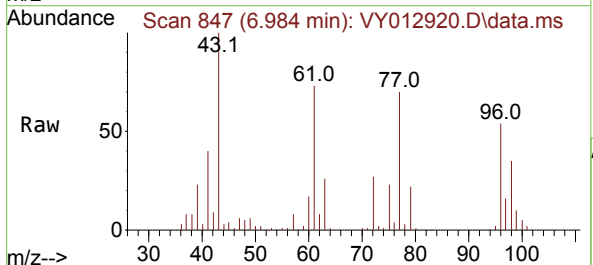
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

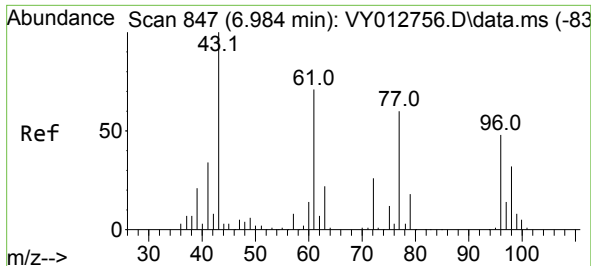
Tgt Ion: 43 Resp: 121342
Ion Ratio Lower Upper
43 100
72 27.4 21.0 31.4



#26
2,2-Dichloropropane
Concen: 50.000 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY012920.D
Acq: 13 Mar 2023 10:50

Tgt Ion: 77 Resp: 92965
Ion Ratio Lower Upper
77 100
97 23.0 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 50.885 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012920.D

Acq: 13 Mar 2023 10:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

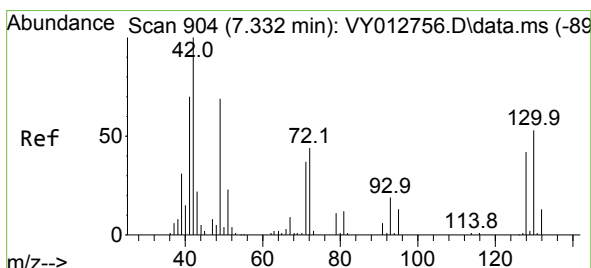
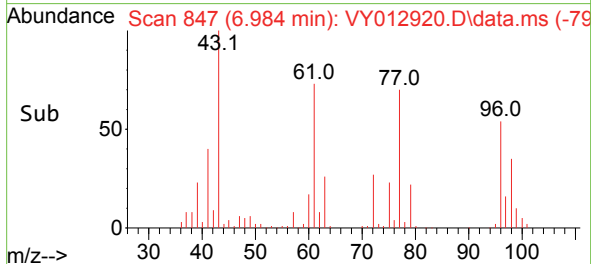
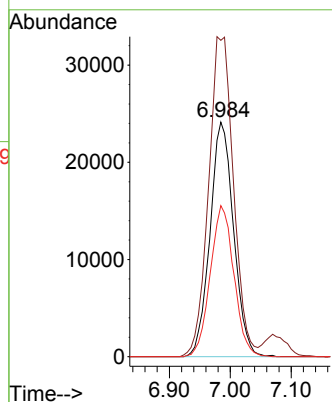
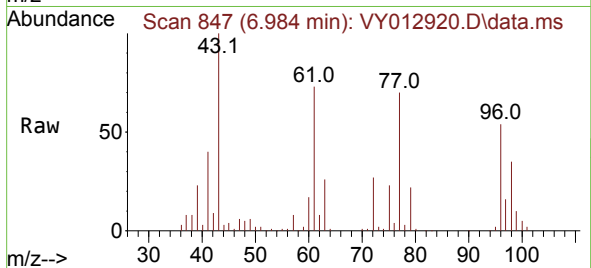
Tgt Ion: 96 Resp: 64917

Ion Ratio Lower Upper

96 100

61 144.2 0.0 295.8

98 64.5 0.0 130.2



#28

Bromochloromethane

Concen: 45.776 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY012920.D

Acq: 13 Mar 2023 10:50

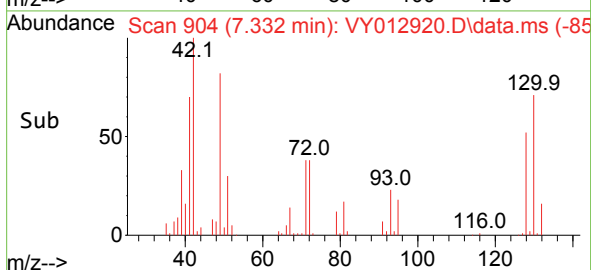
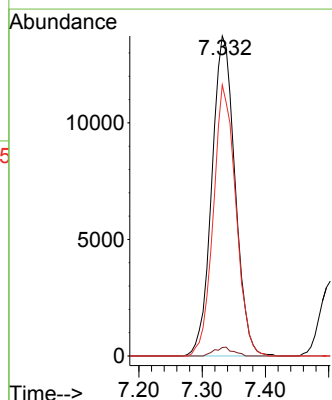
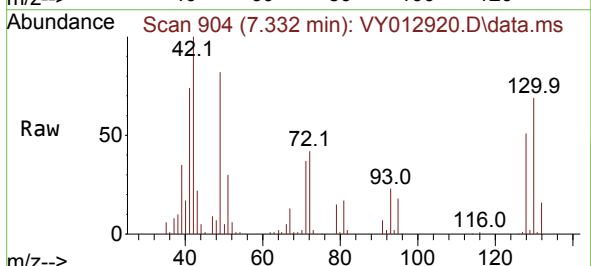
Tgt Ion: 49 Resp: 35020

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.2

130 82.1 60.5 90.7





#29

Tetrahydrofuran

Concen: 208.836 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY012920.D

Acq: 13 Mar 2023 10:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

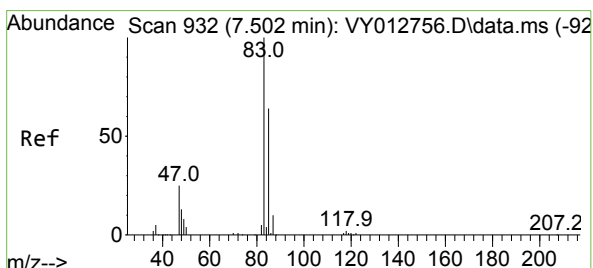
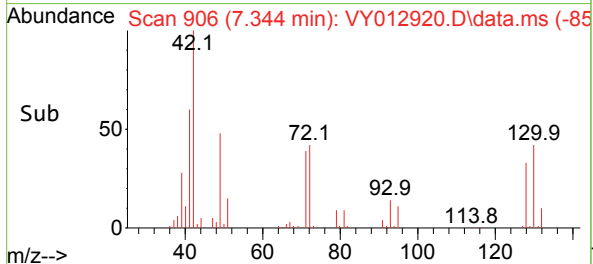
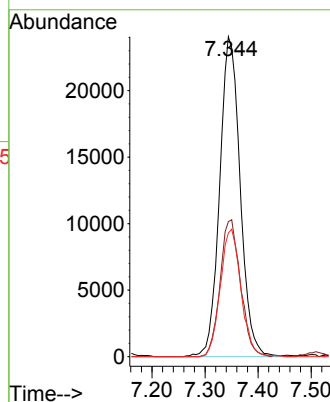
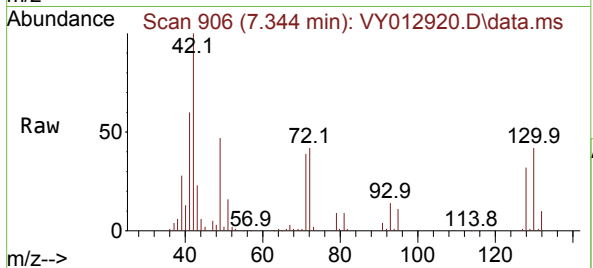
Tgt Ion: 42 Resp: 64647

Ion Ratio Lower Upper

42 100

72 42.5 32.3 48.5

71 40.0 30.3 45.5



#30

Chloroform

Concen: 51.015 ug/l

RT: 7.503 min Scan# 932

Delta R.T. 0.001 min

Lab File: VY012920.D

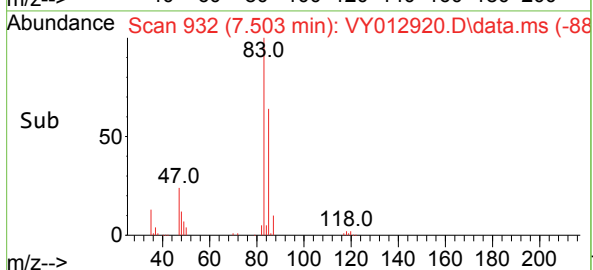
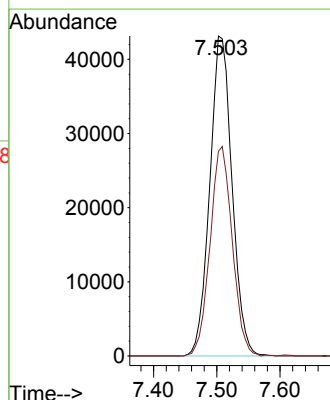
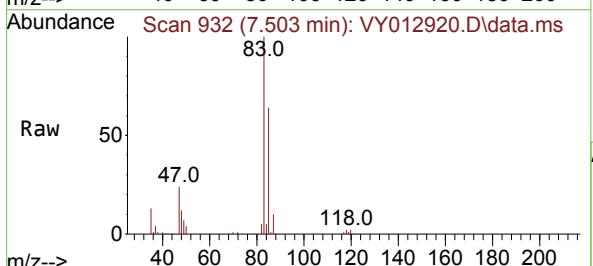
Acq: 13 Mar 2023 10:50

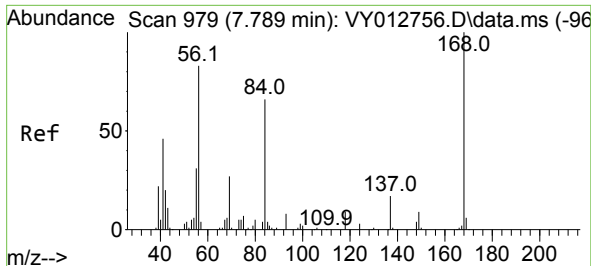
Tgt Ion: 83 Resp: 105489

Ion Ratio Lower Upper

83 100

85 63.9 51.4 77.0

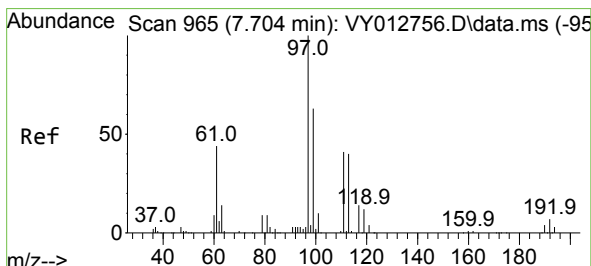
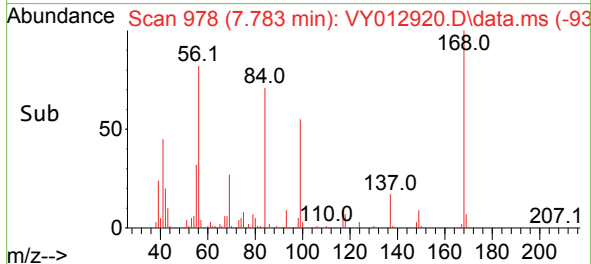
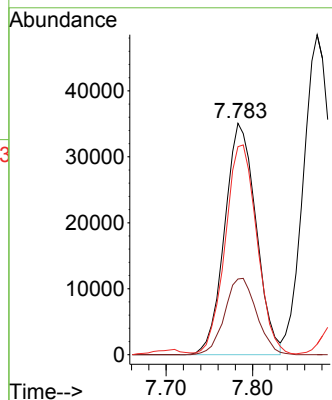
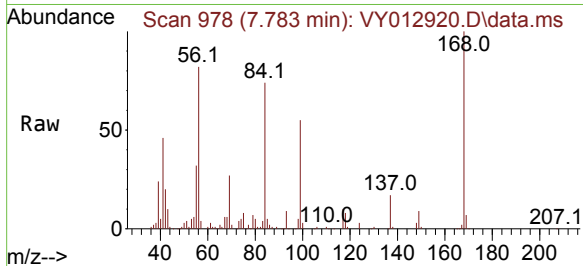




#31
Cyclohexane
Concen: 43.779 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012920.D
Acq: 13 Mar 2023 10:50

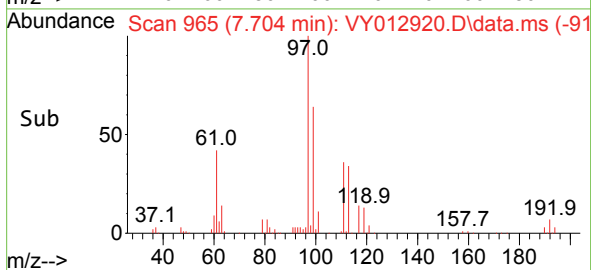
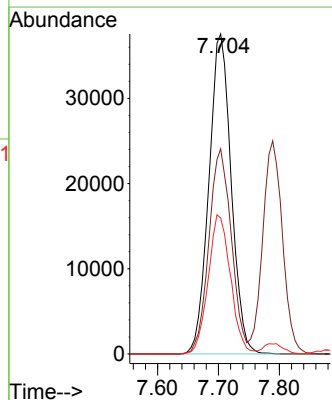
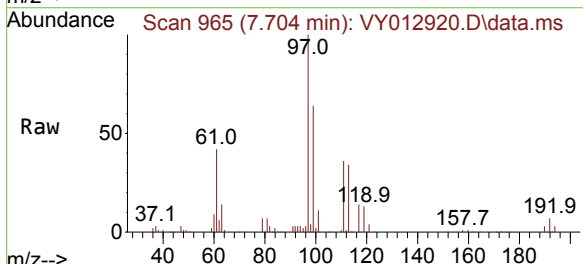
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

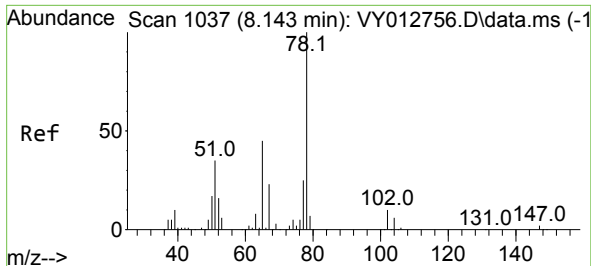
Tgt Ion: 56 Resp: 88519
Ion Ratio Lower Upper
56 100
69 32.7 25.7 38.5
84 88.6 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 51.055 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY012920.D
Acq: 13 Mar 2023 10:50

Tgt Ion: 97 Resp: 95472
Ion Ratio Lower Upper
97 100
99 64.6 51.0 76.6
61 43.5 34.5 51.7

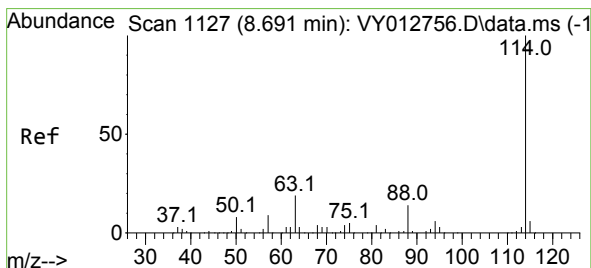
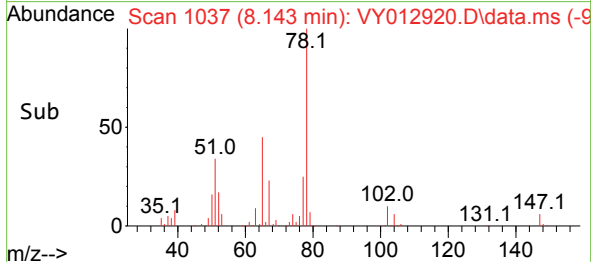
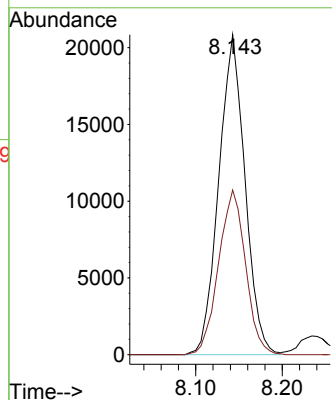
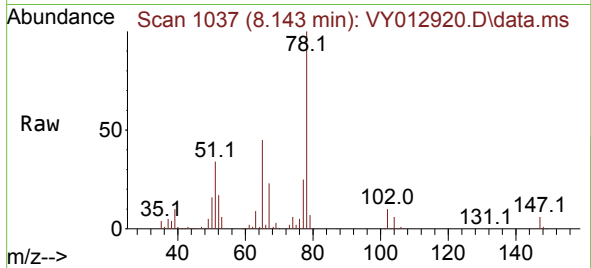




#33
 1,2-Dichloroethane-d4
 Concen: 41.574 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY012920.D
 Acq: 13 Mar 2023 10:50

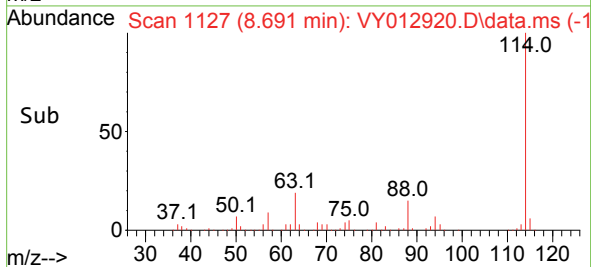
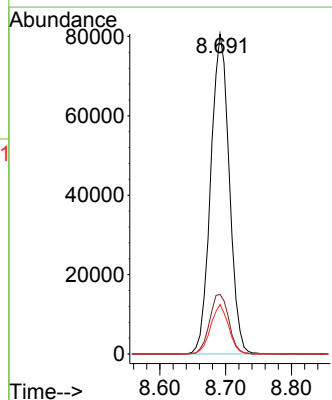
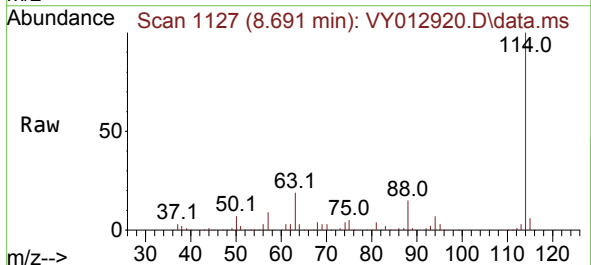
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

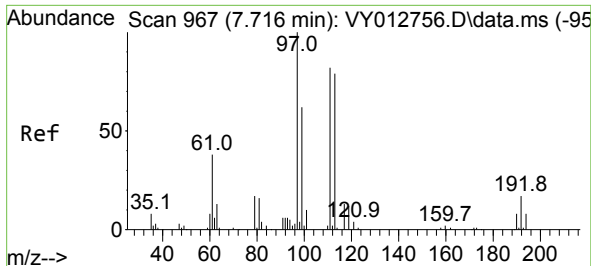
Tgt Ion: 65 Resp: 43892
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY012920.D
 Acq: 13 Mar 2023 10:50

Tgt Ion:114 Resp: 158079
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 37.4
 88 15.4 0.0 28.6

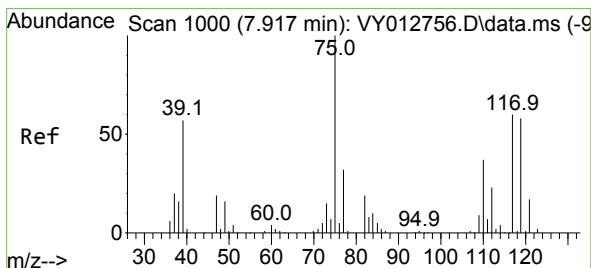
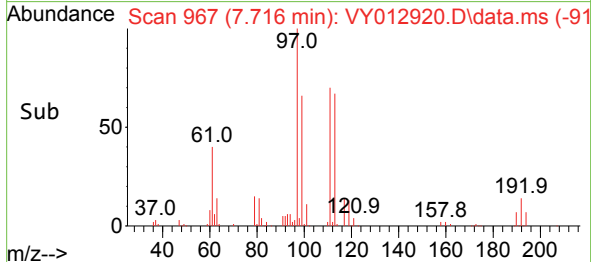
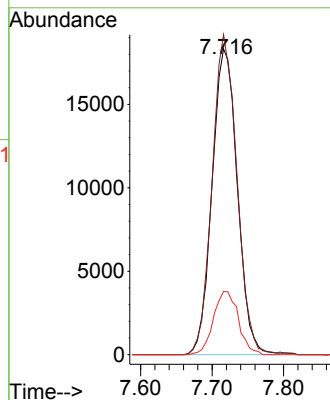
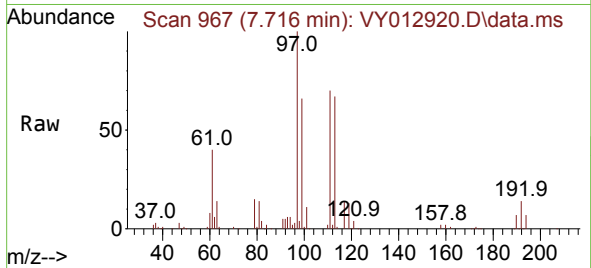




#35
Dibromofluoromethane
Concen: 47.122 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY012920.D
Acq: 13 Mar 2023 10:50

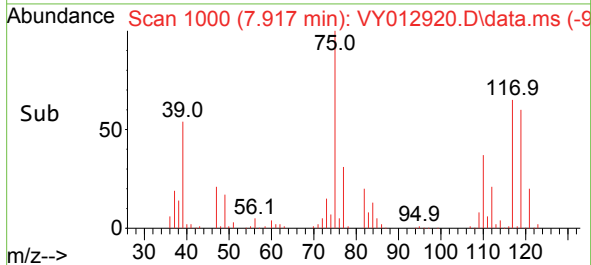
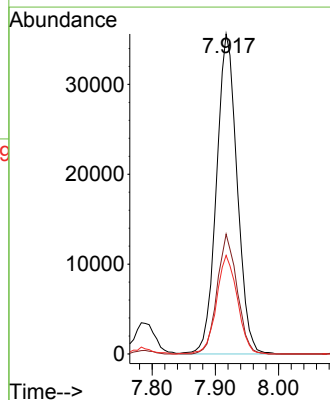
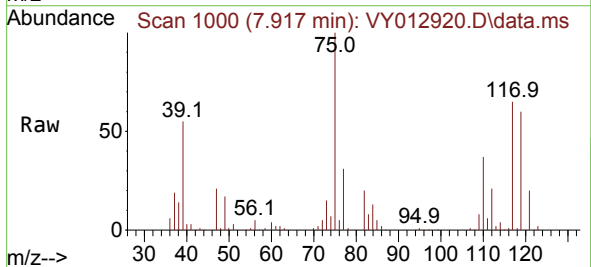
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

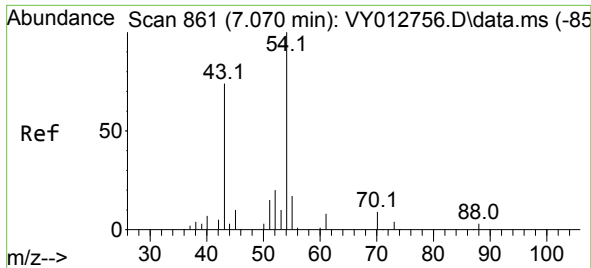
Tgt Ion:113 Resp: 44955
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 20.5 16.8 25.2



#36
1,1-Dichloropropene
Concen: 50.403 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY012920.D
Acq: 13 Mar 2023 10:50

Tgt Ion: 75 Resp: 80580
Ion Ratio Lower Upper
75 100
110 36.2 17.8 53.3
77 31.3 25.0 37.4

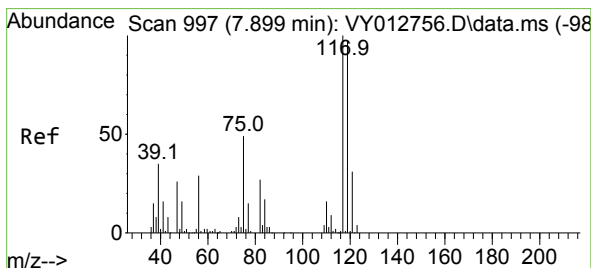
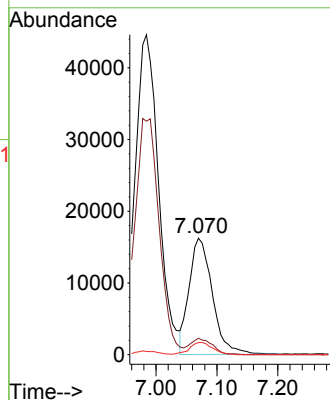
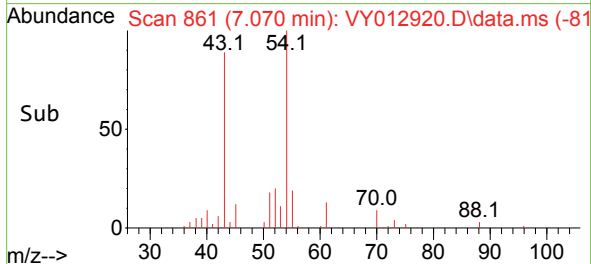
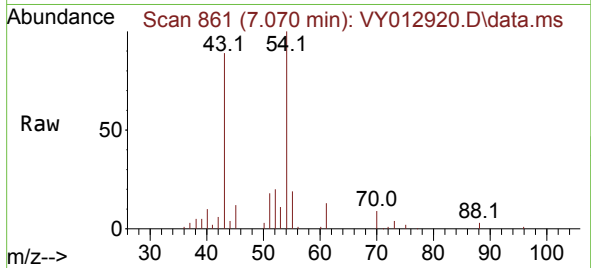




#37
Ethyl Acetate
Concen: 42.595 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY012920.D
Acq: 13 Mar 2023 10:50

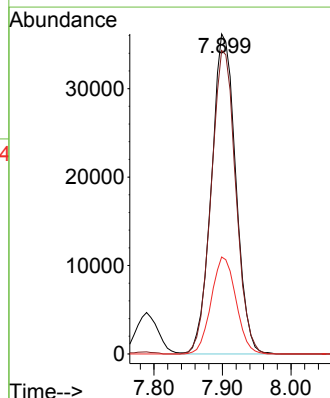
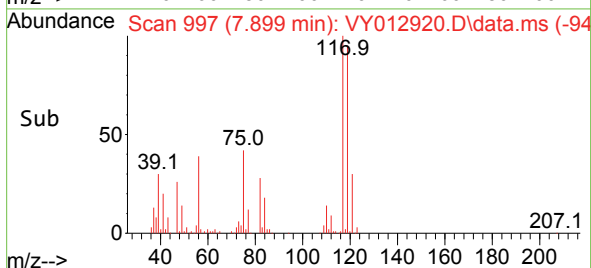
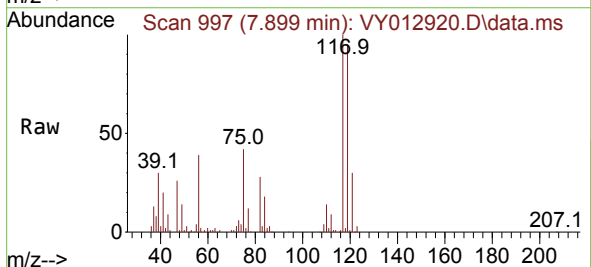
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

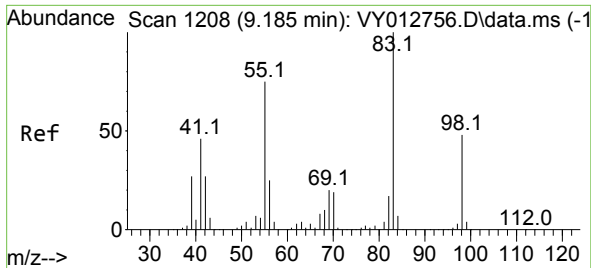
Tgt Ion: 43	Resp: 42920
Ion Ratio	Lower Upper
43 100	
61 13.5	10.7 16.1
70 10.4	7.8 11.8



#38
Carbon Tetrachloride
Concen: 54.016 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY012920.D
Acq: 13 Mar 2023 10:50

Tgt Ion:117	Resp:	89176	
Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.2	115.8
121	30.3	24.7	37.1

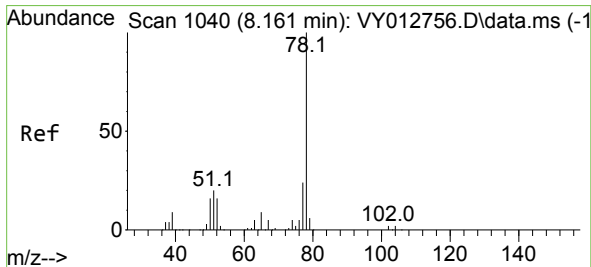
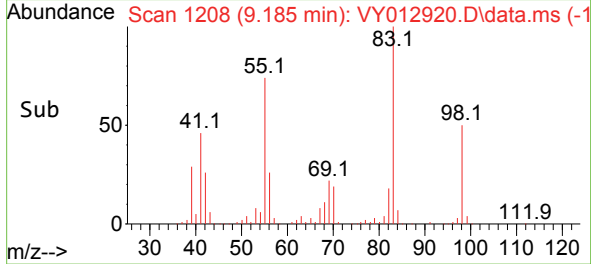
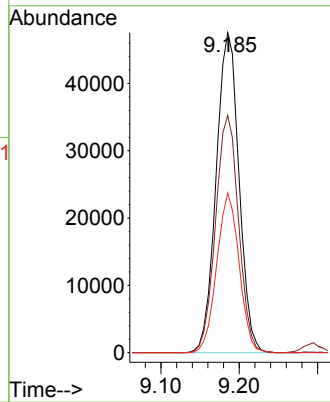
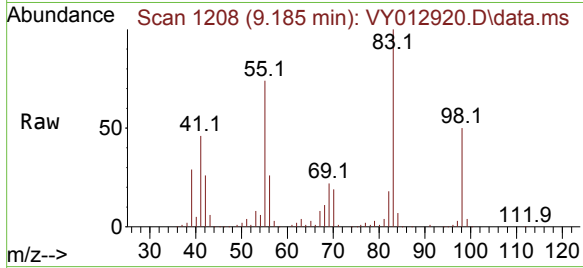




#39
Methylcyclohexane
Concen: 50.700 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012920.D
Acq: 13 Mar 2023 10:50

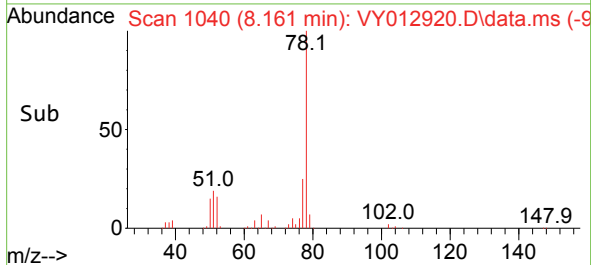
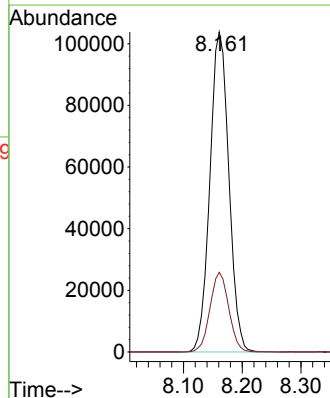
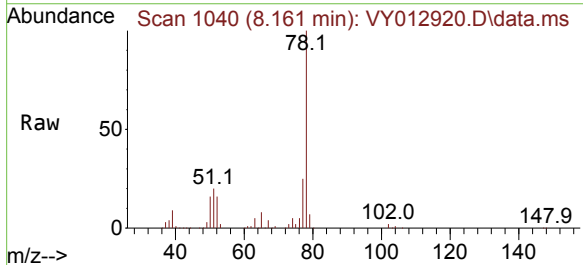
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

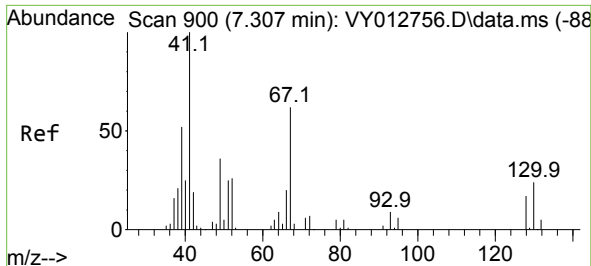
Tgt Ion: 83 Resp: 96364
Ion Ratio Lower Upper
83 100
55 74.1 60.0 90.0
98 49.9 38.3 57.5



#40
Benzene
Concen: 51.482 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY012920.D
Acq: 13 Mar 2023 10:50

Tgt Ion: 78 Resp: 232816
Ion Ratio Lower Upper
78 100
77 24.9 19.4 29.0

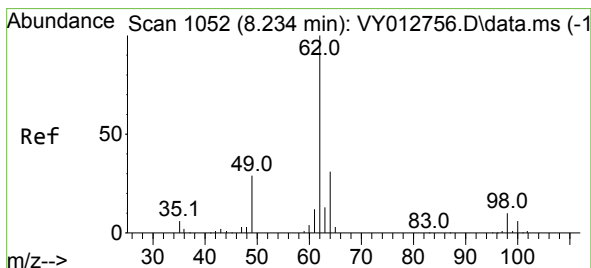
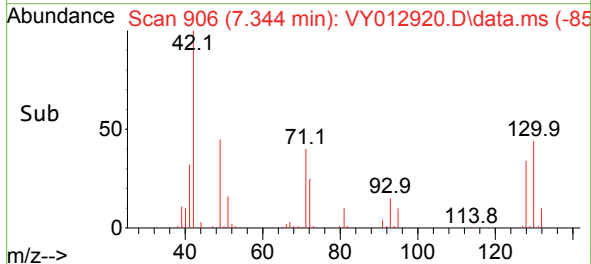
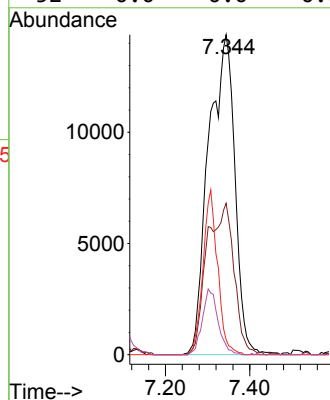
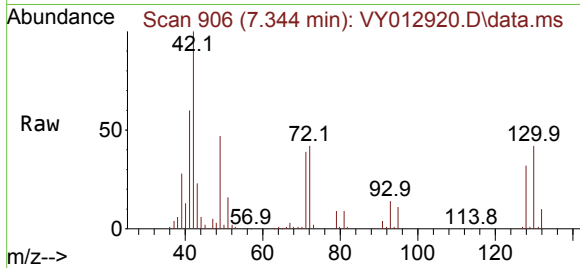




#41
Methacrylonitrile
Concen: 114.186 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY012920.D
Acq: 13 Mar 2023 10:50

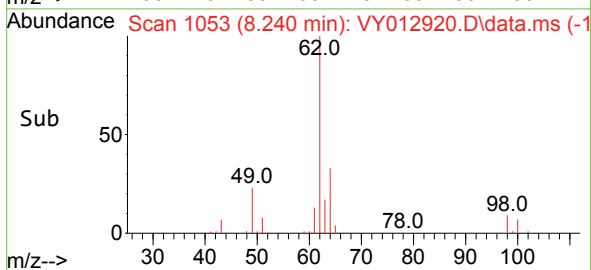
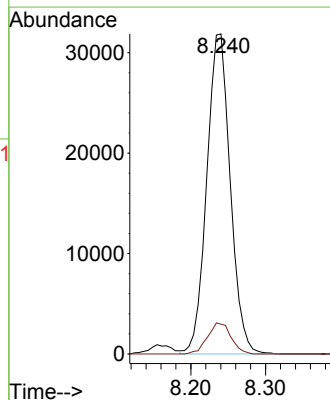
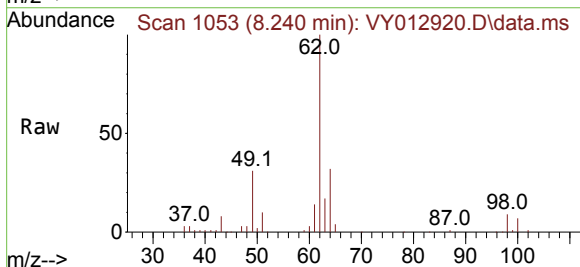
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

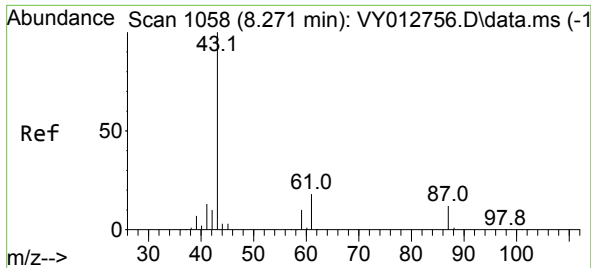
Tgt Ion:	41	Resp:	61990
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 51.220 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY012920.D
Acq: 13 Mar 2023 10:50

Tgt Ion:	62	Resp:	69639
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	18.8

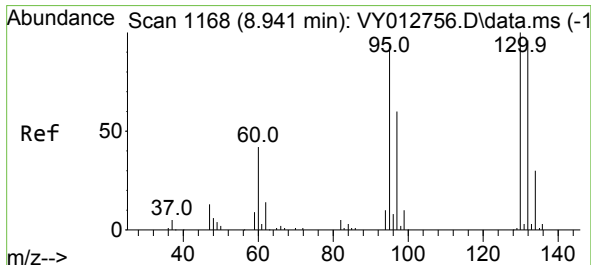
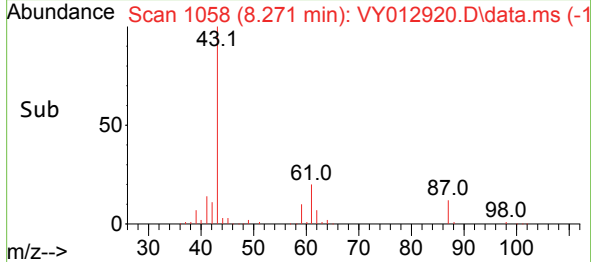
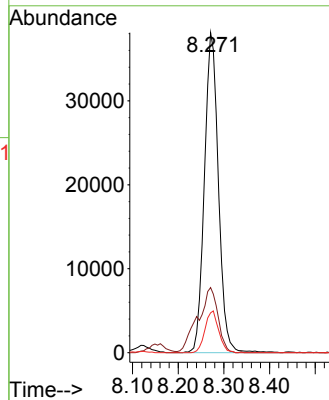
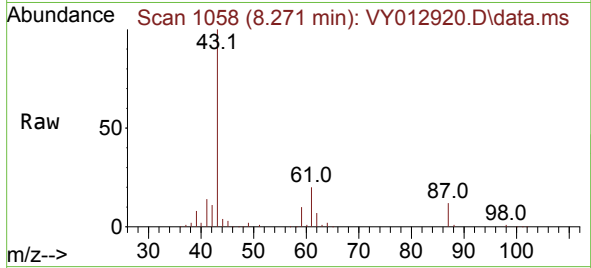




#43
Isopropyl Acetate
Concen: 45.056 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY012920.D
Acq: 13 Mar 2023 10:50

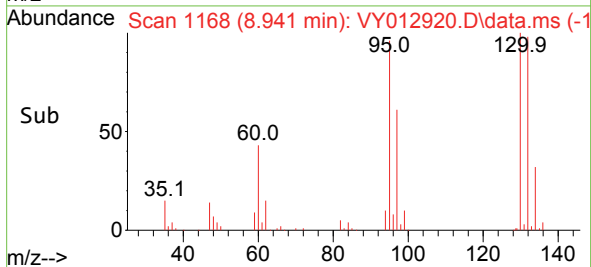
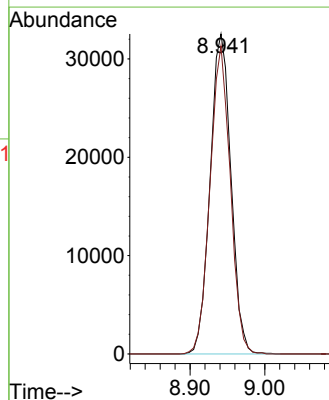
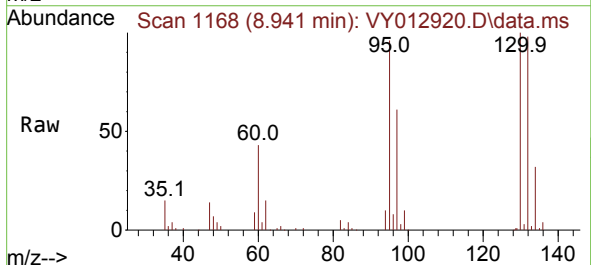
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

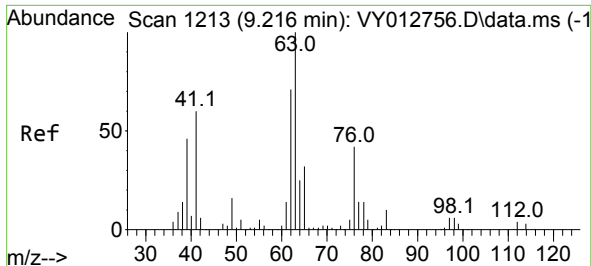
Tgt Ion:	43	Resp:	80999
Ion	Ratio	Lower	Upper
43	100		
61	29.1	21.6	32.4
87	12.7	9.9	14.9



#44
Trichloroethene
Concen: 53.045 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY012920.D
Acq: 13 Mar 2023 10:50

Tgt Ion:	130	Resp:	63246
Ion	Ratio	Lower	Upper
130	100		
95	96.3	0.0	185.0





#45

1,2-Dichloropropane

Concen: 49.799 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012920.D

Acq: 13 Mar 2023 10:50

Instrument :

MSVOA_Y

ClientSampleId :

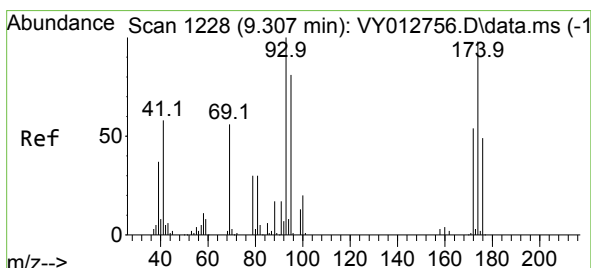
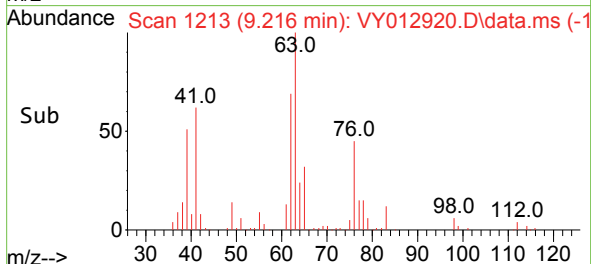
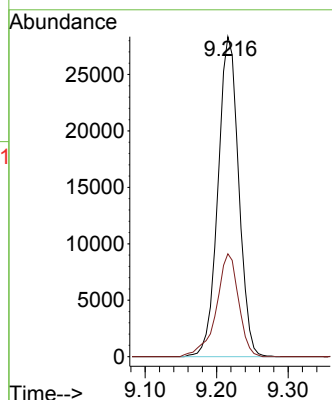
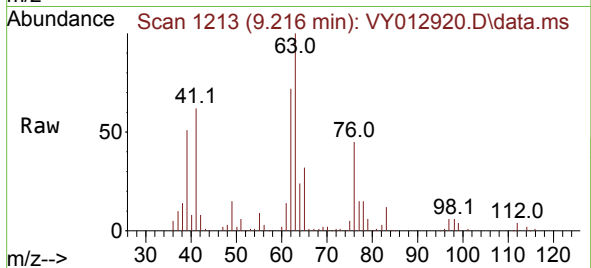
VSTDCCC050

Tgt Ion: 63 Resp: 56915

Ion Ratio Lower Upper

63 100

65 32.2 25.7 38.5



#46

Dibromomethane

Concen: 51.572 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY012920.D

Acq: 13 Mar 2023 10:50

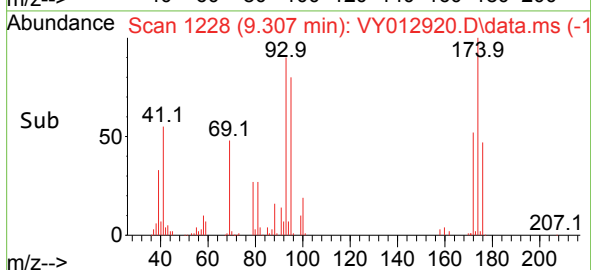
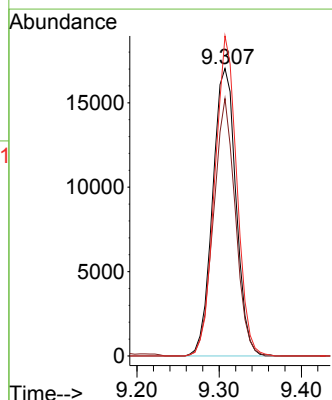
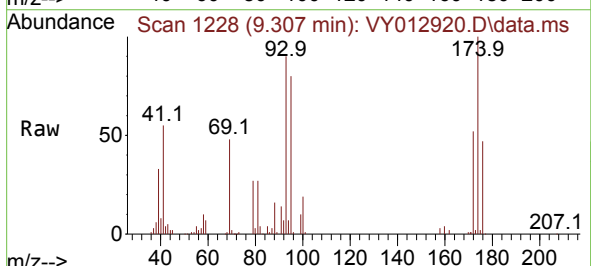
Tgt Ion: 93 Resp: 33579

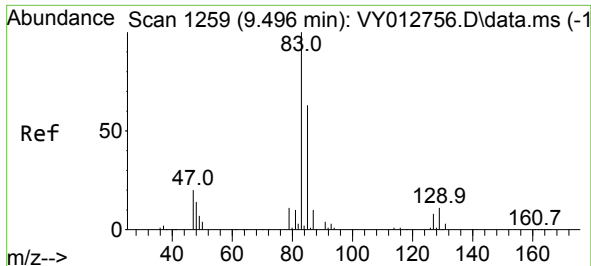
Ion Ratio Lower Upper

93 100

95 83.9 65.6 98.4

174 105.2 81.3 121.9

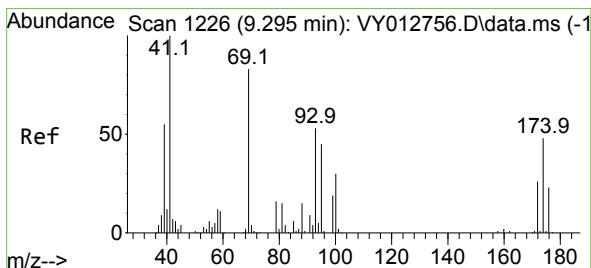
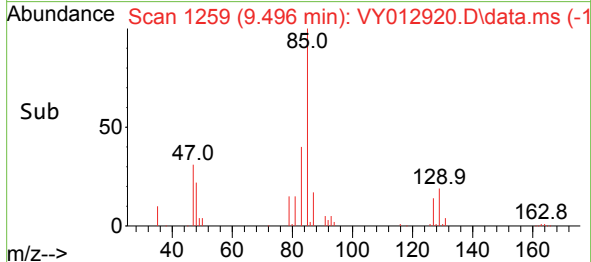
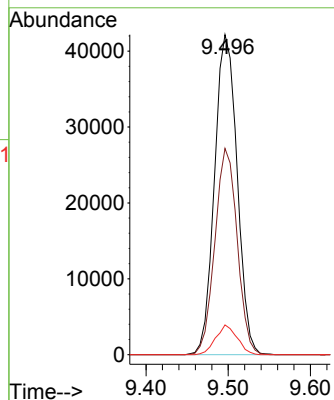
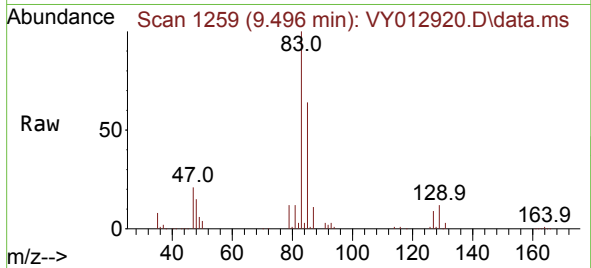




#47
Bromodichloromethane
Concen: 52.461 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY012920.D
Acq: 13 Mar 2023 10:50

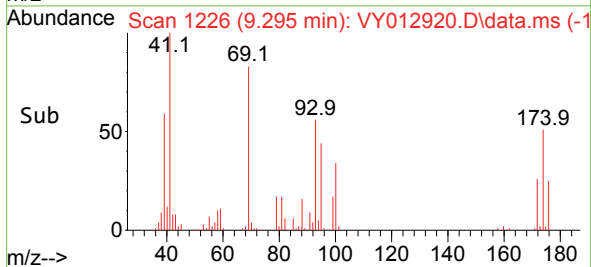
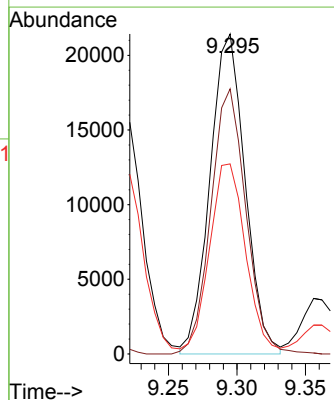
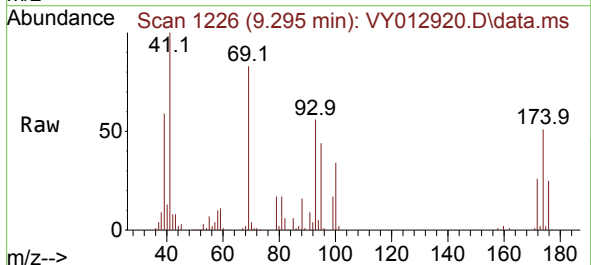
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

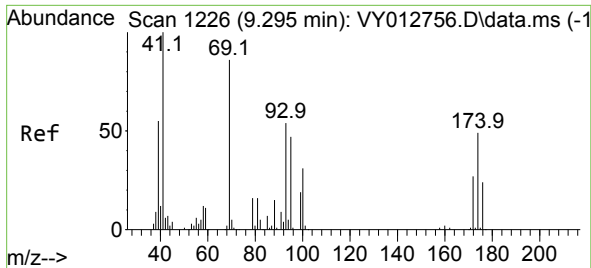
Tgt Ion: 83 Resp: 80495
Ion Ratio Lower Upper
83 100
85 64.4 50.2 75.4
127 9.3 6.3 9.5



#48
Methyl methacrylate
Concen: 46.148 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY012920.D
Acq: 13 Mar 2023 10:50

Tgt Ion: 41 Resp: 38227
Ion Ratio Lower Upper
41 100
69 82.7 64.1 96.1
39 58.2 44.0 66.0

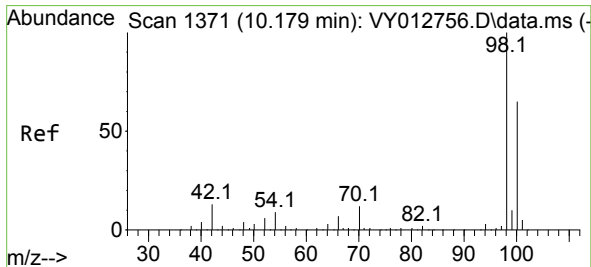
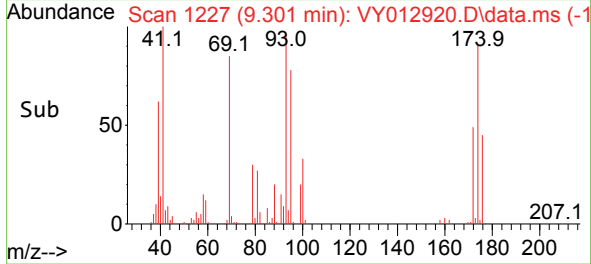
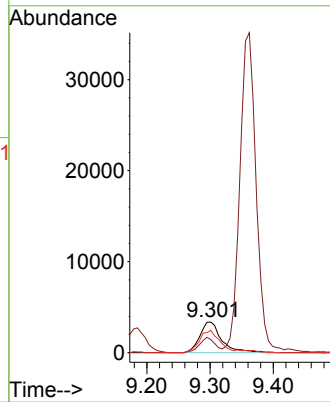
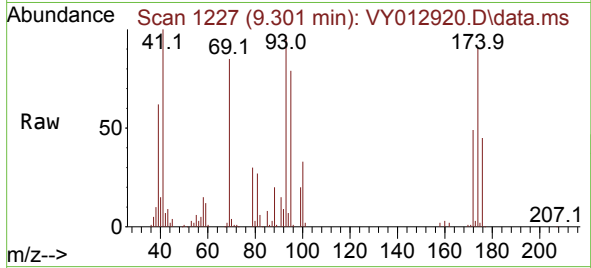




#49
1,4-Dioxane
Concen: 967.415 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY012920.D
Acq: 13 Mar 2023 10:50

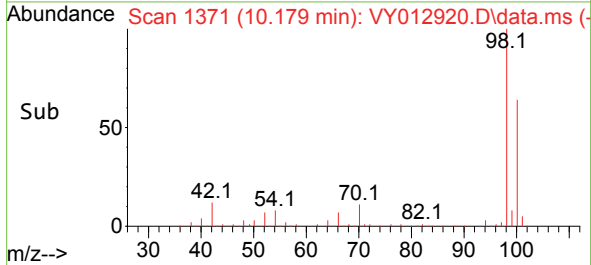
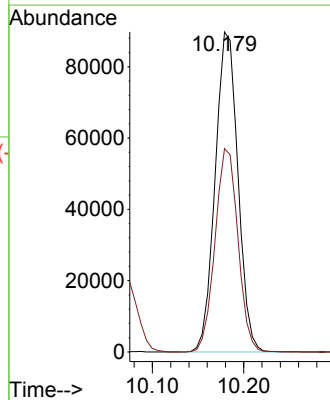
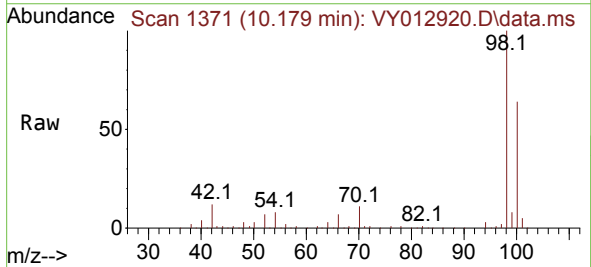
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

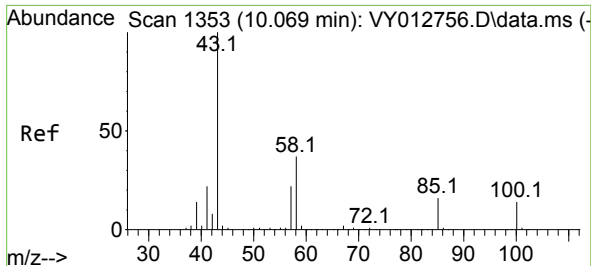
Tgt Ion: 88 Resp: 8143
Ion Ratio Lower Upper
88 100
43 36.3 28.6 42.8
58 72.9 55.2 82.8



#50
Toluene-d8
Concen: 44.549 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012920.D
Acq: 13 Mar 2023 10:50

Tgt Ion: 98 Resp: 155372
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 229.759 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY012920.D

Acq: 13 Mar 2023 10:50

Instrument :

MSVOA_Y

ClientSampleId :

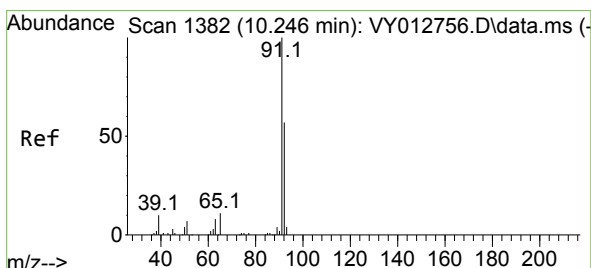
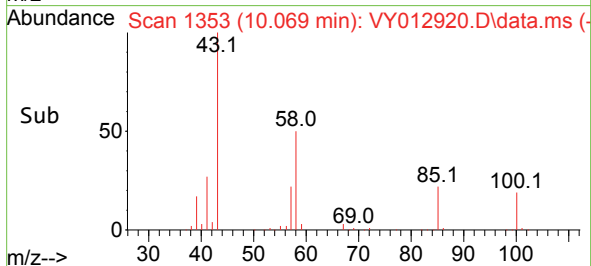
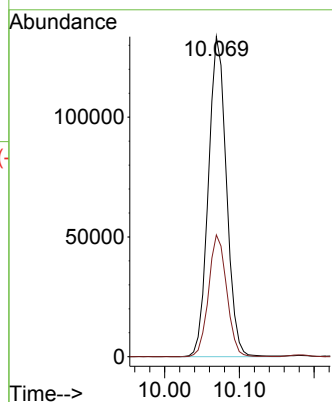
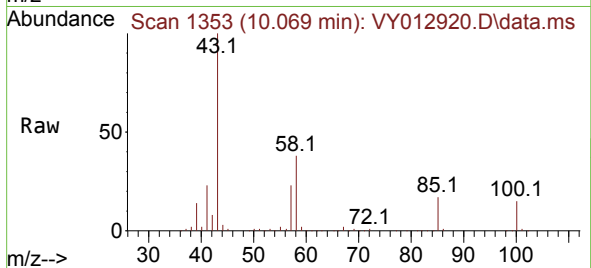
VSTDCCC050

Tgt Ion: 43 Resp: 224053

Ion Ratio Lower Upper

43 100

58 38.2 29.8 44.6



#52

Toluene

Concen: 53.704 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.000 min

Lab File: VY012920.D

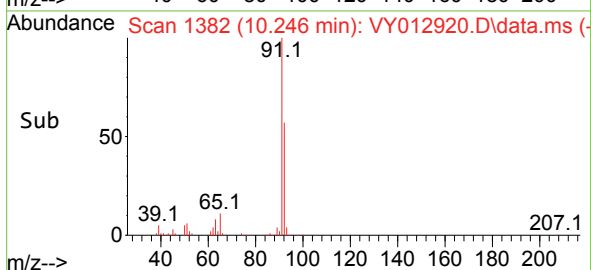
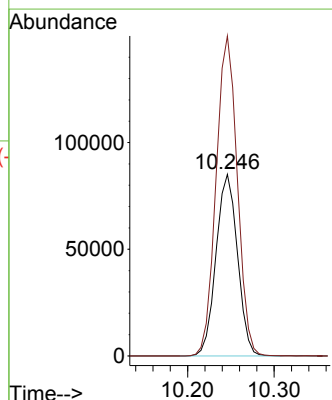
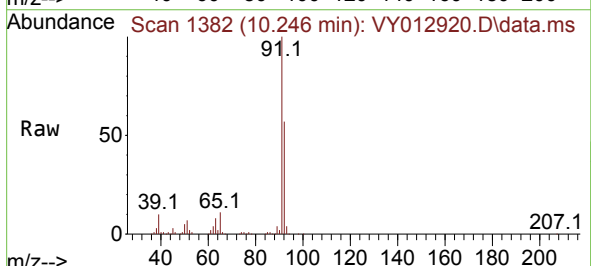
Acq: 13 Mar 2023 10:50

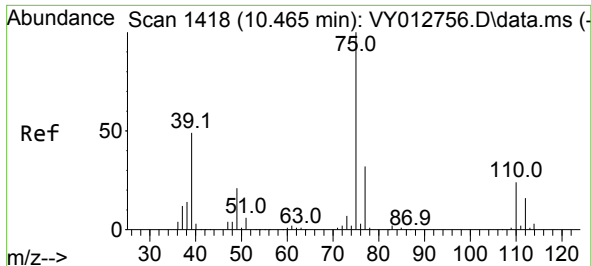
Tgt Ion: 92 Resp: 146469

Ion Ratio Lower Upper

92 100

91 174.3 141.3 211.9

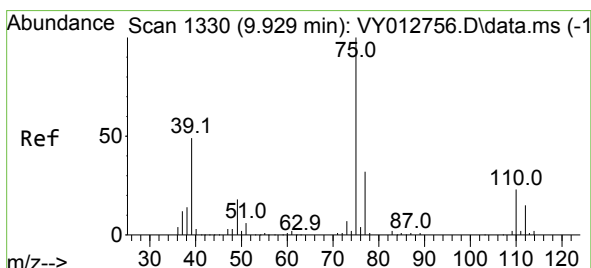
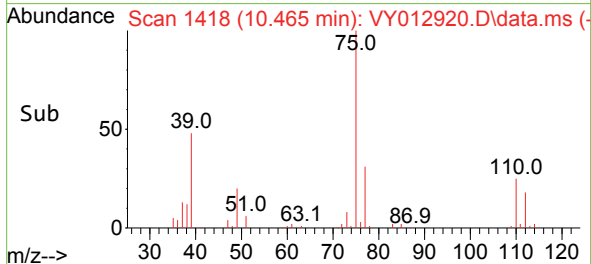
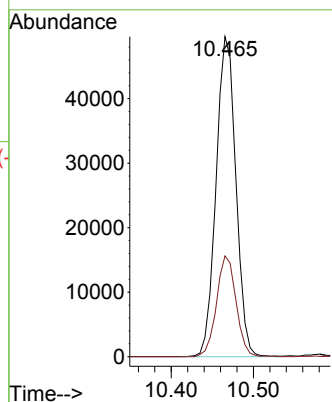
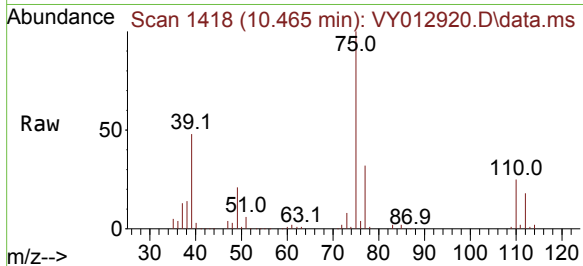




#53
t-1,3-Dichloropropene
Concen: 51.540 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY012920.D
Acq: 13 Mar 2023 10:50

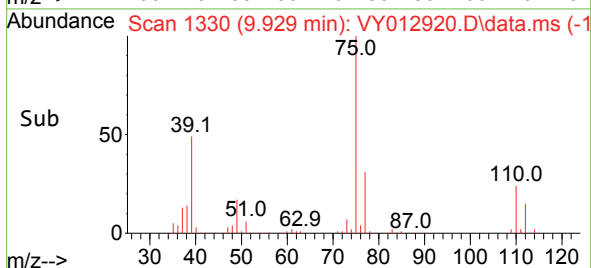
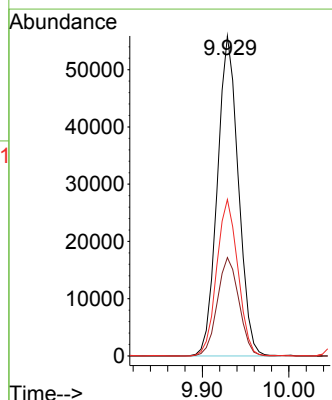
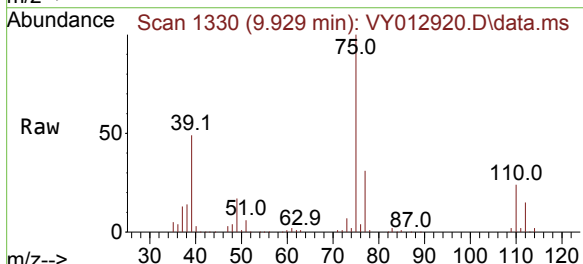
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

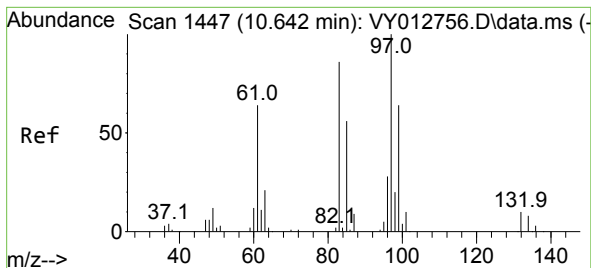
Tgt Ion: 75 Resp: 82949
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 51.717 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY012920.D
Acq: 13 Mar 2023 10:50

Tgt Ion: 75 Resp: 94209
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.0
39 48.9 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 51.696 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY012920.D

Acq: 13 Mar 2023 10:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 46877

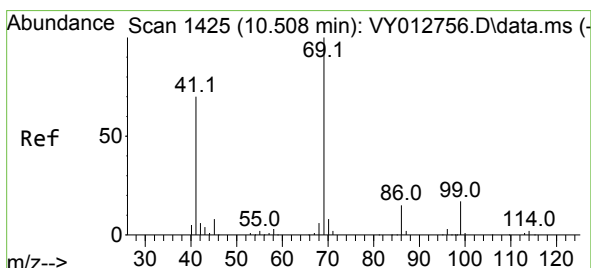
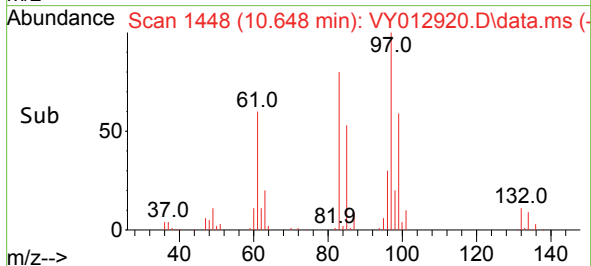
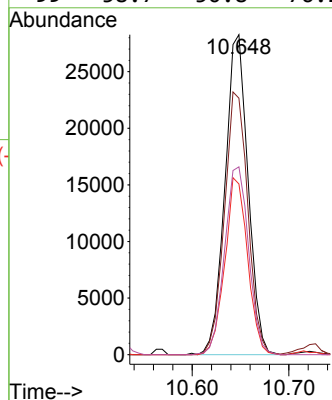
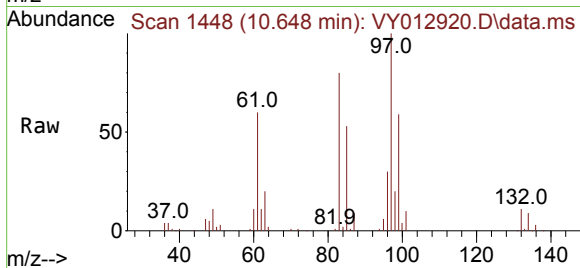
Ion Ratio Lower Upper

97 100

83 80.1 69.0 103.6

85 53.3 44.9 67.3

99 58.7 50.8 76.2



#56

Ethyl methacrylate

Concen: 50.138 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VY012920.D

Acq: 13 Mar 2023 10:50

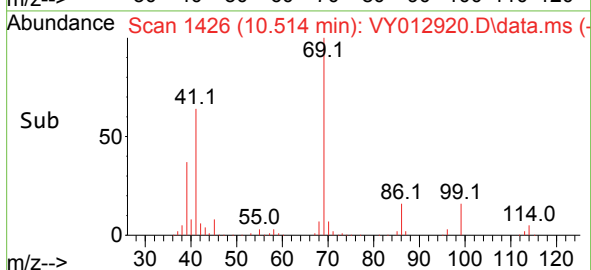
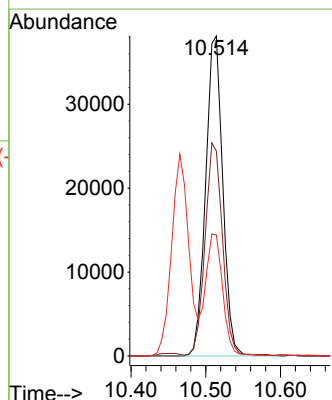
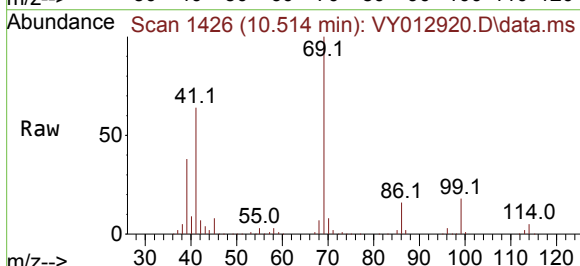
Tgt Ion: 69 Resp: 60621

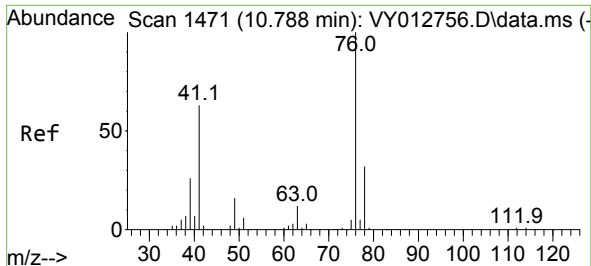
Ion Ratio Lower Upper

69 100

41 67.5 56.4 84.6

39 37.9 30.8 46.2





#57

1,3-Dichloropropane

Concen: 50.754 ug/l

RT: 10.795 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY012920.D

Acq: 13 Mar 2023 10:50

Instrument :

MSVOA_Y

ClientSampleId :

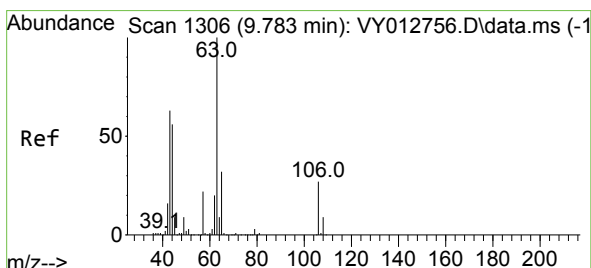
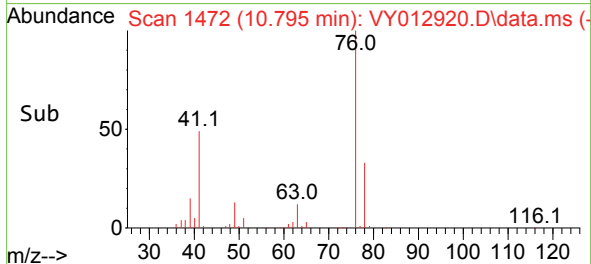
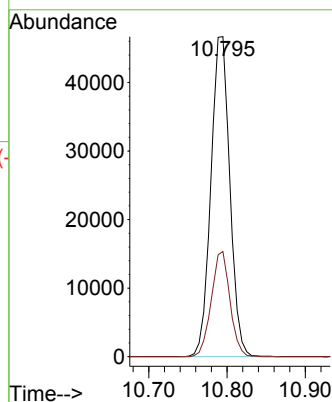
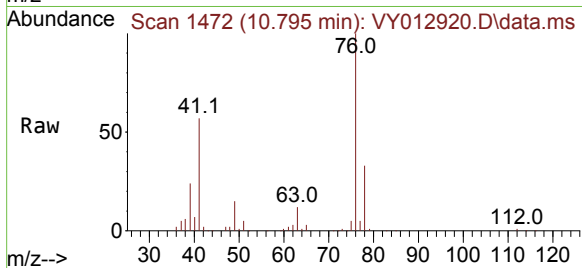
VSTDCCC050

Tgt Ion: 76 Resp: 78387

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 245.720 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY012920.D

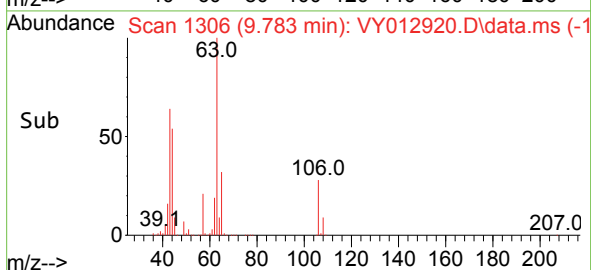
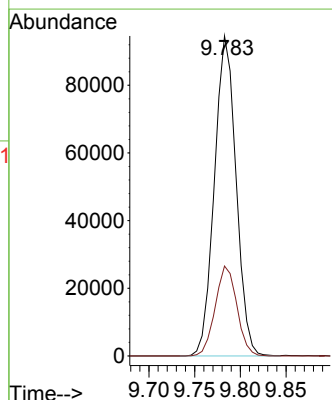
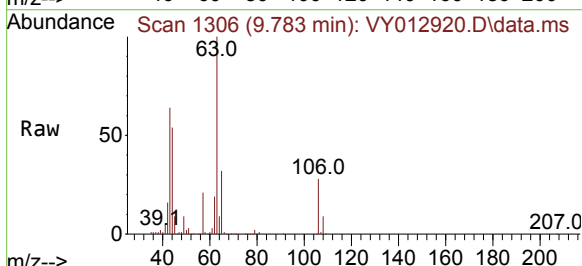
Acq: 13 Mar 2023 10:50

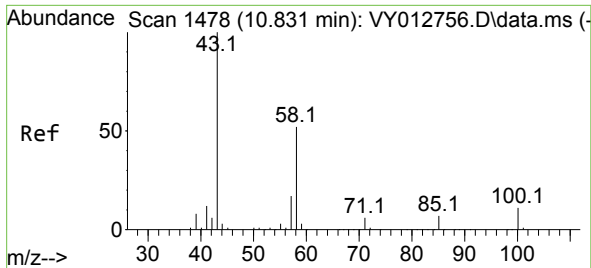
Tgt Ion: 63 Resp: 155963

Ion Ratio Lower Upper

63 100

106 28.1 22.1 33.1

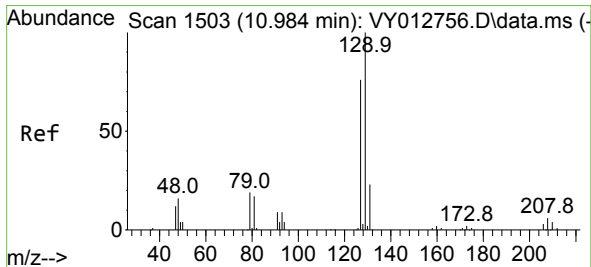
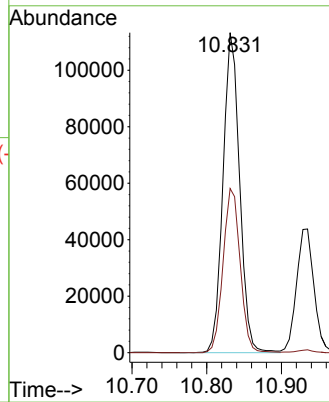
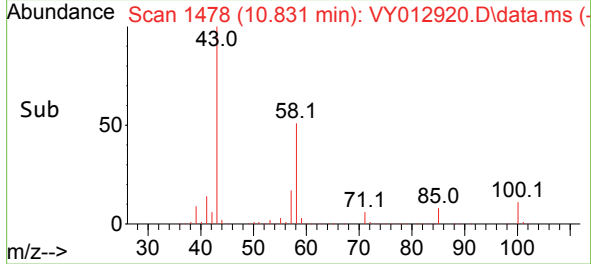
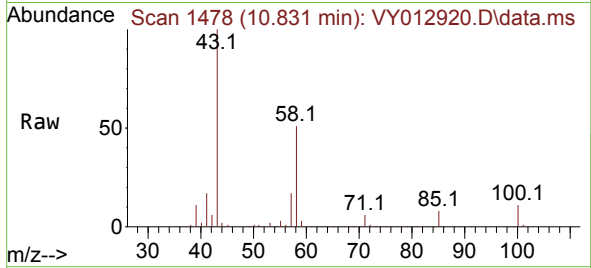




#59
2-Hexanone
Concen: 246.846 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY012920.D
Acq: 13 Mar 2023 10:50

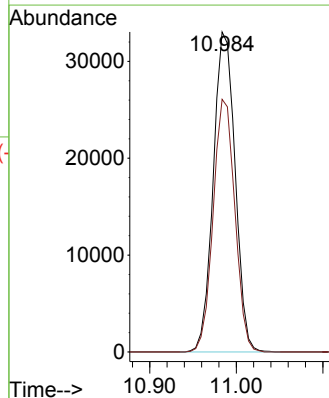
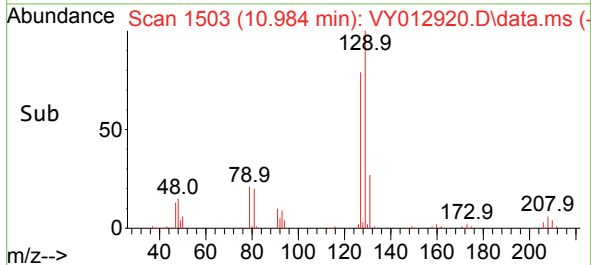
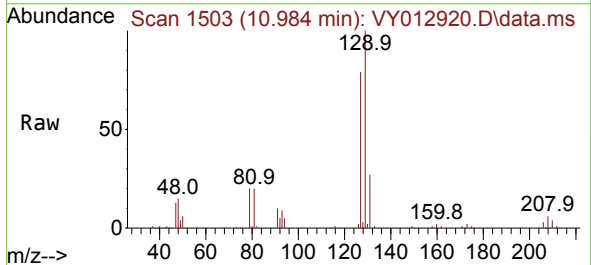
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

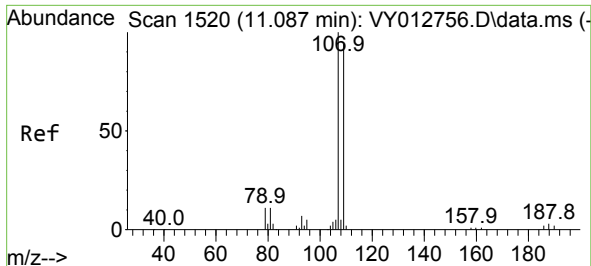
Tgt Ion: 43 Resp: 174948
Ion Ratio Lower Upper
43 100
58 52.8 25.9 77.8



#60
Dibromochloromethane
Concen: 52.476 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY012920.D
Acq: 13 Mar 2023 10:50

Tgt Ion: 129 Resp: 57923
Ion Ratio Lower Upper
129 100
127 78.5 38.7 116.1

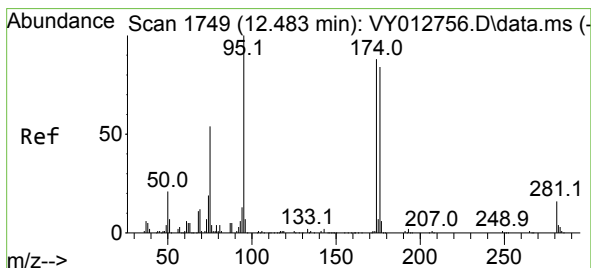
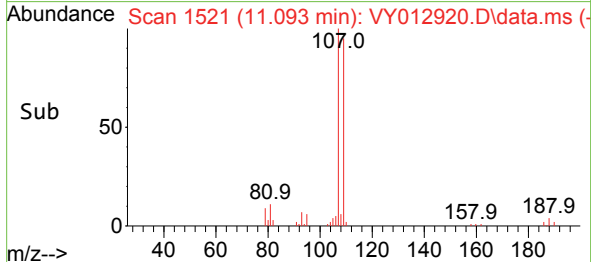
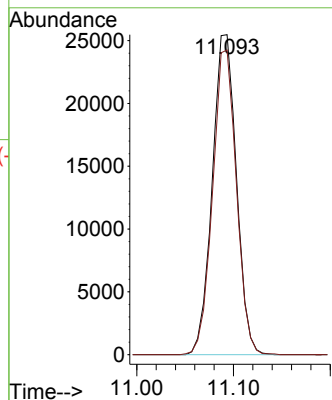
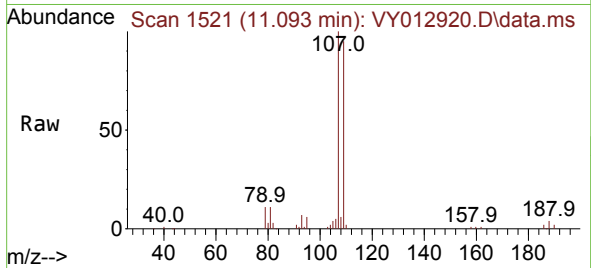




#61
1,2-Dibromoethane
Concen: 50.527 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VY012920.D
Acq: 13 Mar 2023 10:50

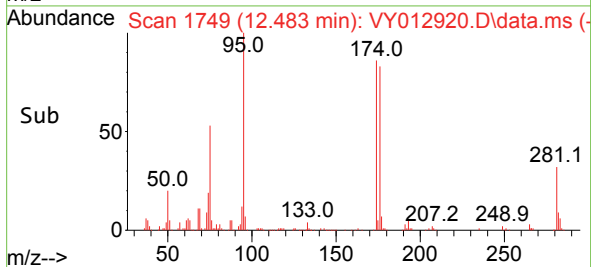
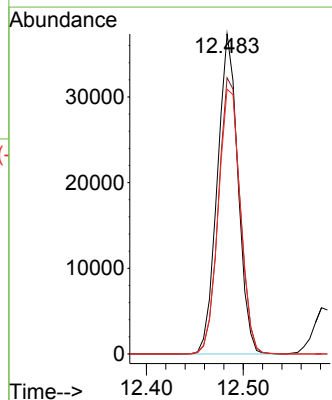
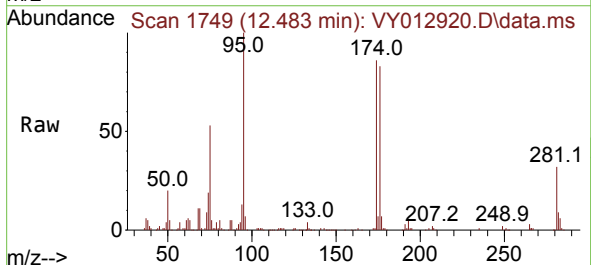
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

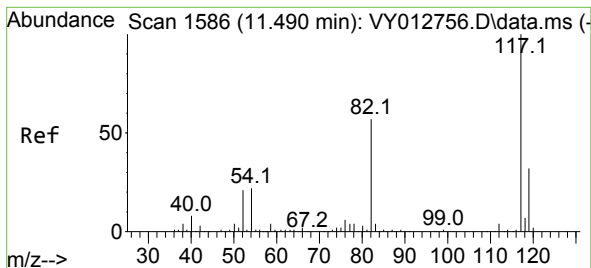
Tgt Ion:107 Resp: 44135
Ion Ratio Lower Upper
107 100
109 93.9 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 47.005 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012920.D
Acq: 13 Mar 2023 10:50

Tgt Ion: 95 Resp: 55333
Ion Ratio Lower Upper
95 100
174 90.1 0.0 176.6
176 88.8 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY012920.D

Acq: 13 Mar 2023 10:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

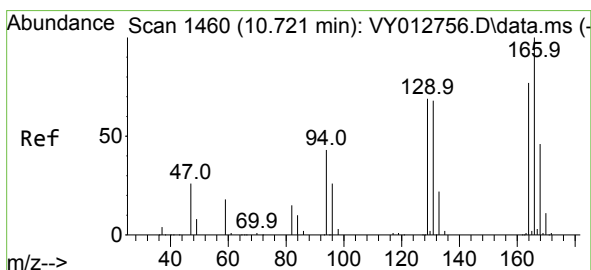
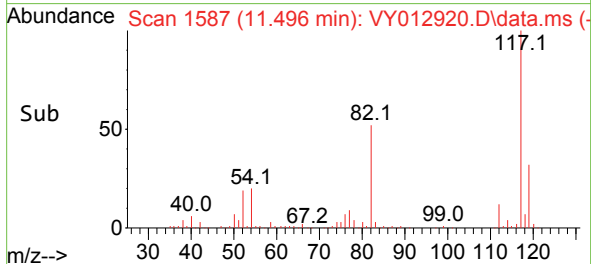
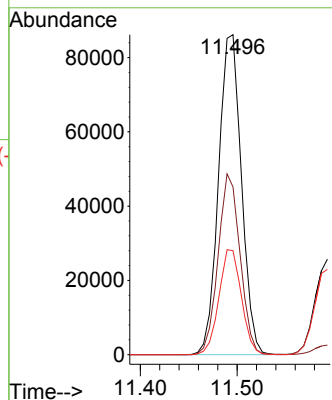
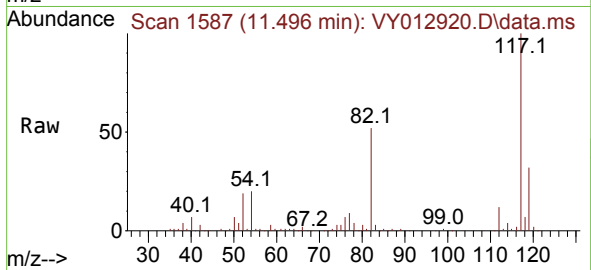
Tgt Ion:117 Resp: 141622

Ion Ratio Lower Upper

117 100

82 52.4 45.4 68.0

119 32.5 25.6 38.4



#64

Tetrachloroethene

Concen: 53.851 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY012920.D

Acq: 13 Mar 2023 10:50

Tgt Ion:164 Resp: 55526

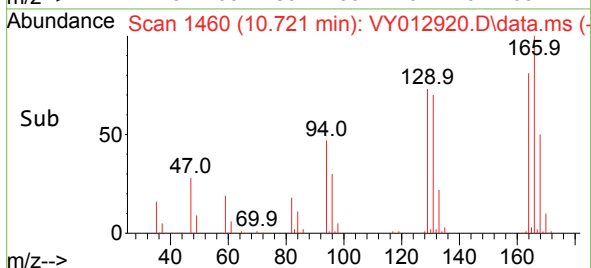
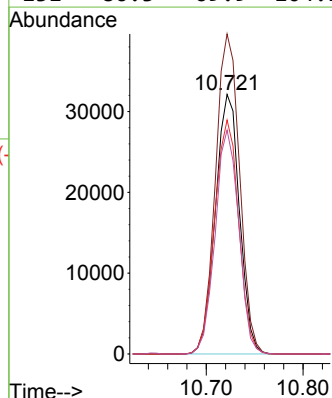
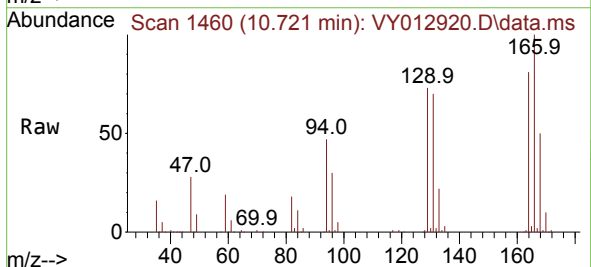
Ion Ratio Lower Upper

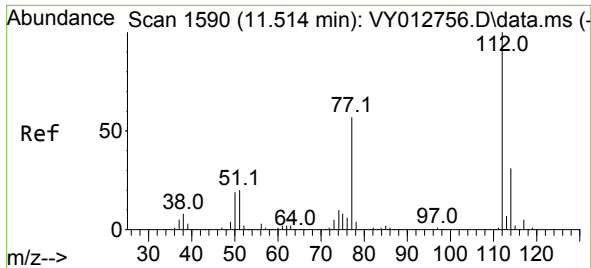
164 100

166 123.3 103.4 155.2

129 90.1 71.4 107.2

131 86.3 69.9 104.9

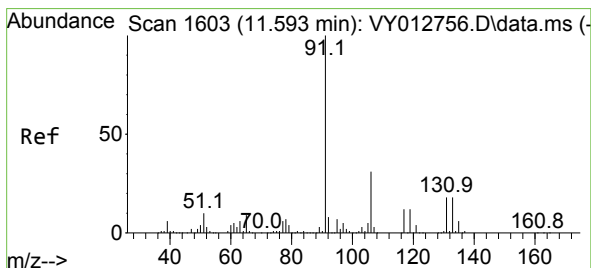
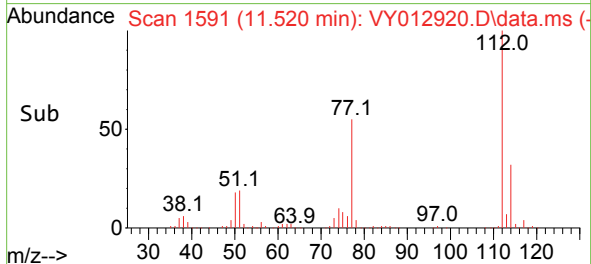
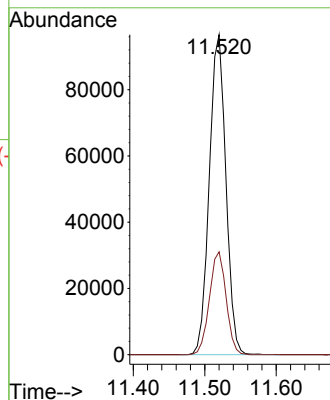
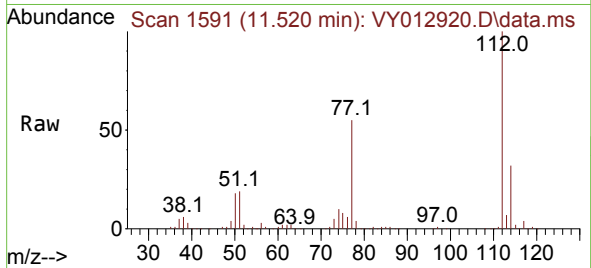




#65
Chlorobenzene
Concen: 52.373 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012920.D
Acq: 13 Mar 2023 10:50

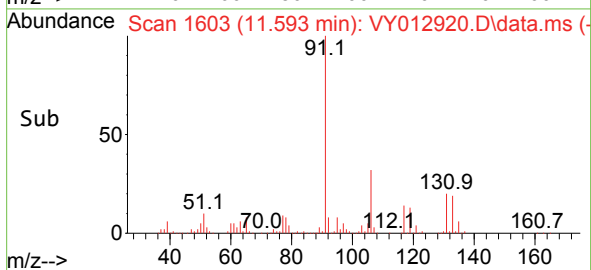
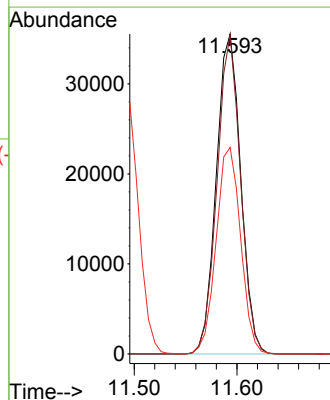
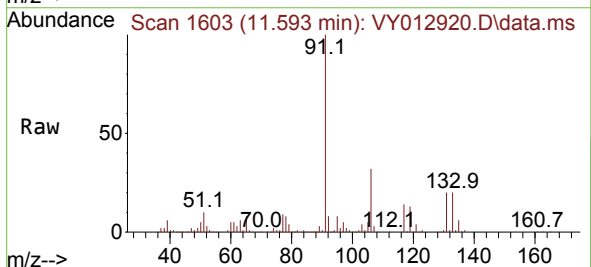
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

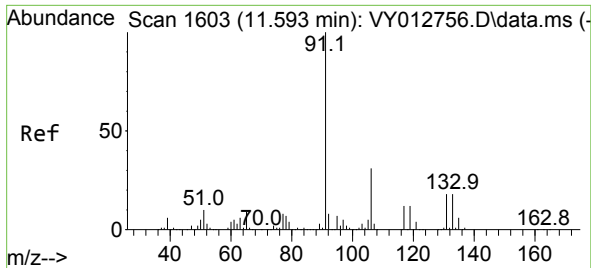
Tgt Ion:112 Resp: 155668
Ion Ratio Lower Upper
112 100
114 32.1 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 53.244 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY012920.D
Acq: 13 Mar 2023 10:50

Tgt Ion:131 Resp: 58560
Ion Ratio Lower Upper
131 100
133 95.7 48.0 144.0
119 64.8 32.6 98.0

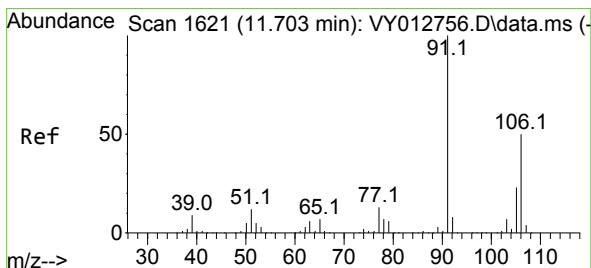
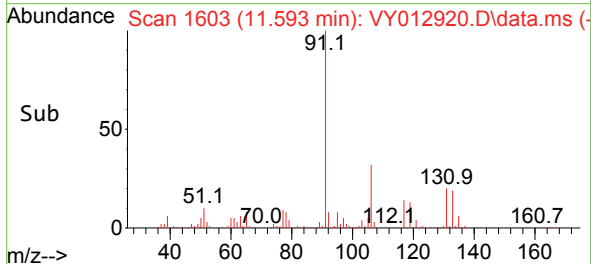
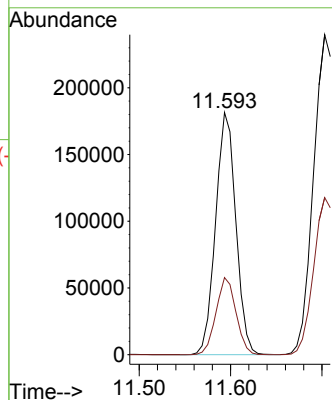
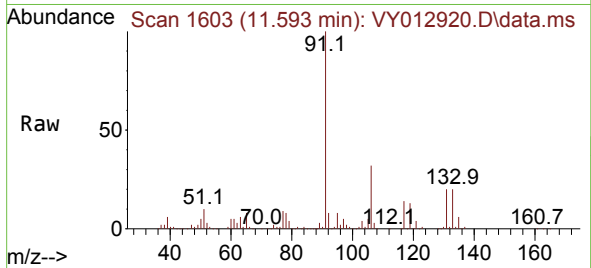




#67
Ethyl Benzene
Concen: 53.545 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY012920.D
Acq: 13 Mar 2023 10:50

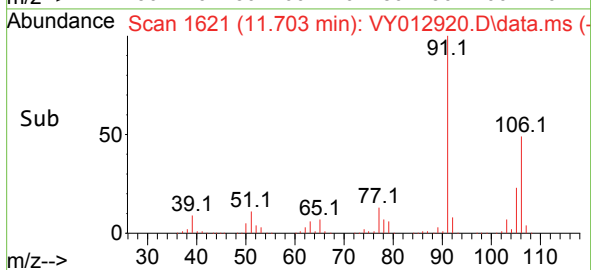
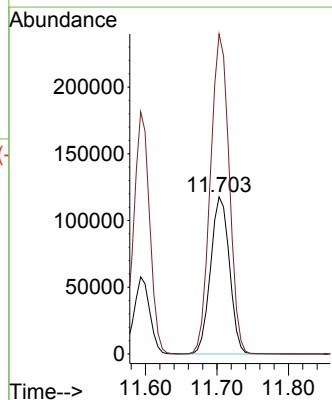
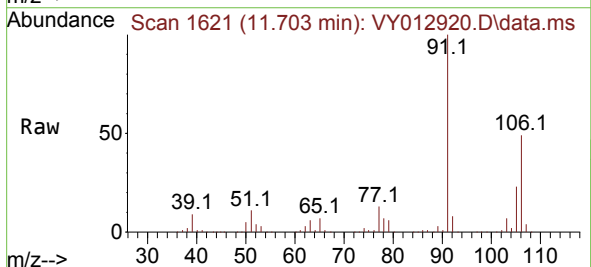
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

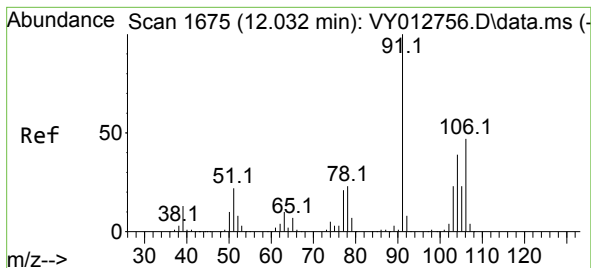
Tgt Ion: 91 Resp: 279813
Ion Ratio Lower Upper
91 100
106 31.8 25.1 37.7



#68
m/p-Xylenes
Concen: 107.363 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY012920.D
Acq: 13 Mar 2023 10:50

Tgt Ion: 106 Resp: 215835
Ion Ratio Lower Upper
106 100
91 202.4 159.8 239.8





#69

o-Xylene

Concen: 54.467 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VY012920.D

Acq: 13 Mar 2023 10:50

Instrument :

MSVOA_Y

ClientSampleId :

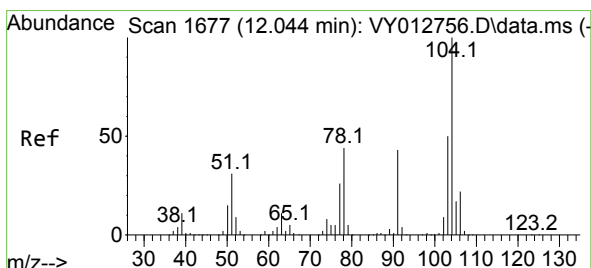
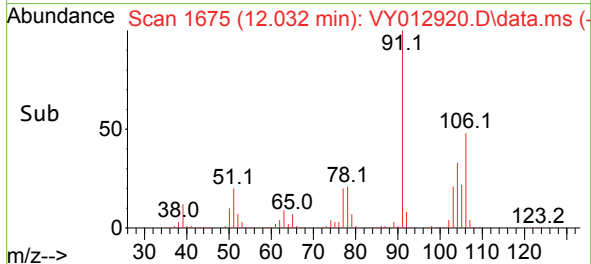
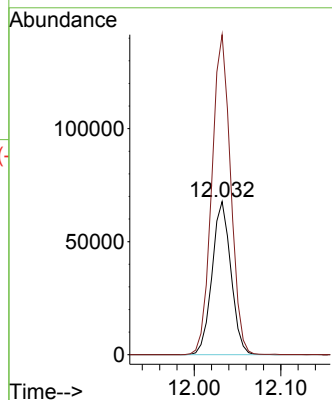
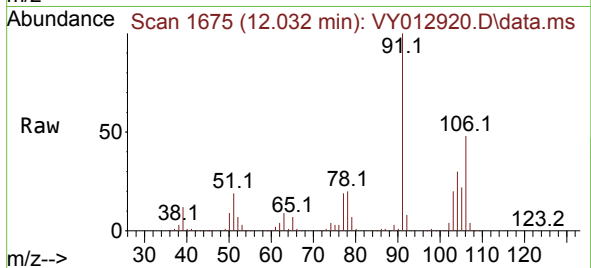
VSTDCCC050

Tgt Ion:106 Resp: 102191

Ion Ratio Lower Upper

106 100

91 209.4 107.2 321.6



#70

Styrene

Concen: 54.881 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY012920.D

Acq: 13 Mar 2023 10:50

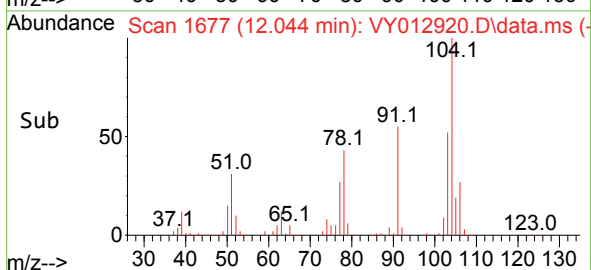
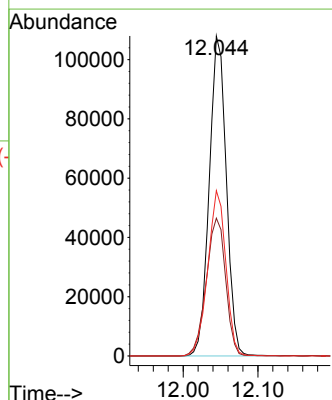
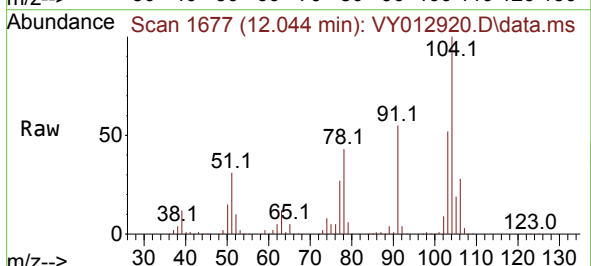
Tgt Ion:104 Resp: 171832

Ion Ratio Lower Upper

104 100

78 48.9 39.2 58.8

103 54.8 43.7 65.5





#71

Bromoform

Concen: 52.557 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012920.D

Acq: 13 Mar 2023 10:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

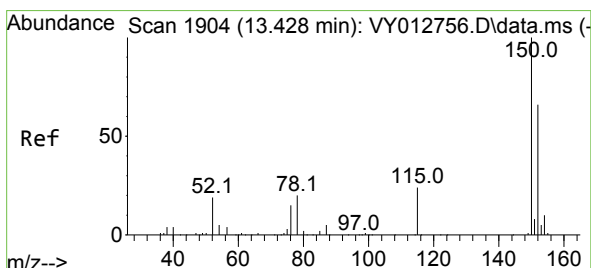
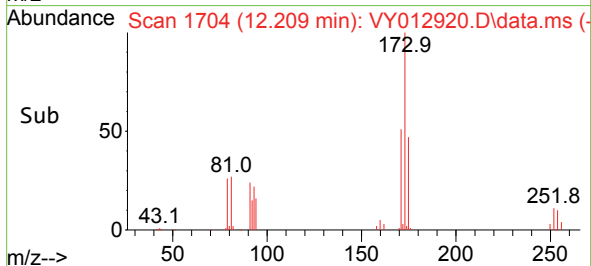
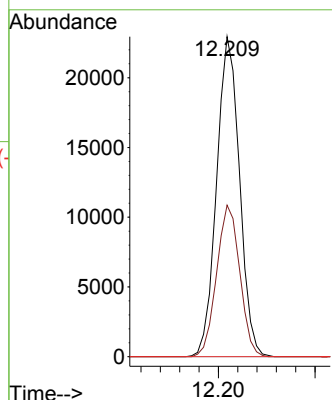
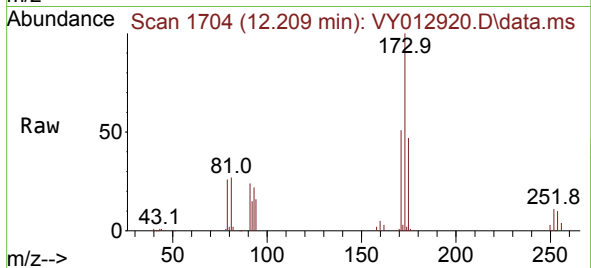
Tgt Ion:173 Resp: 37689

Ion Ratio Lower Upper

173 100

175 47.8 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012920.D

Acq: 13 Mar 2023 10:50

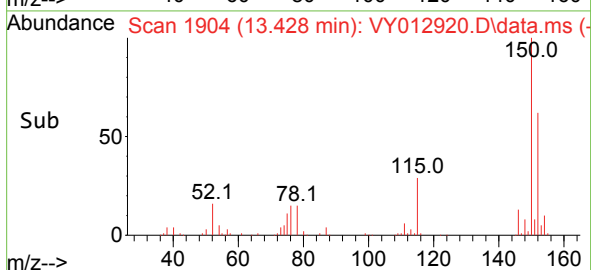
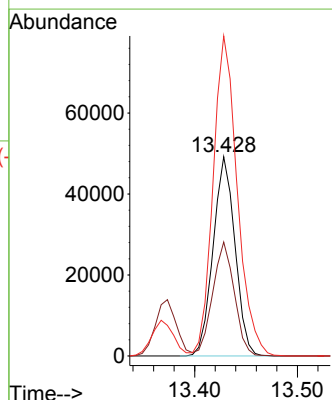
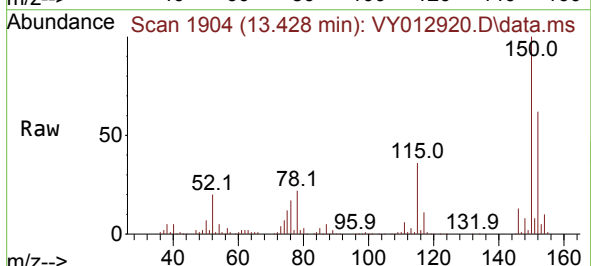
Tgt Ion:152 Resp: 72657

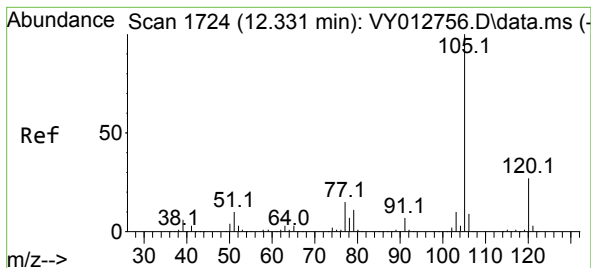
Ion Ratio Lower Upper

152 100

115 56.6 27.1 81.3

150 177.4 0.0 347.8





#73

Isopropylbenzene

Concen: 53.370 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012920.D

Acq: 13 Mar 2023 10:50

Instrument :

MSVOA_Y

ClientSampleId :

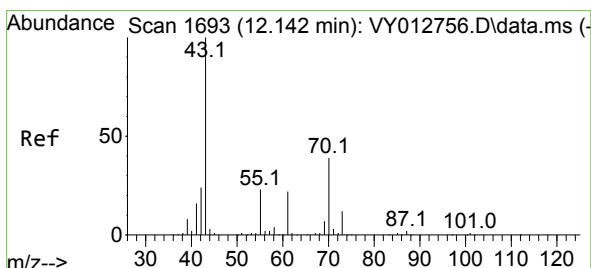
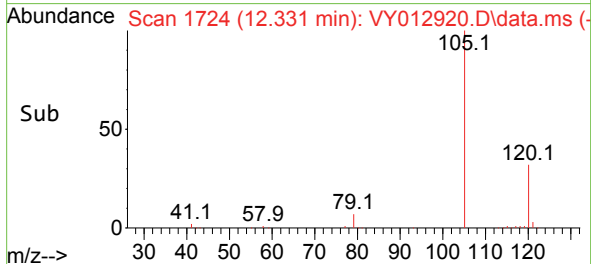
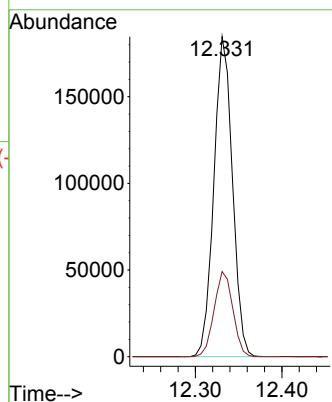
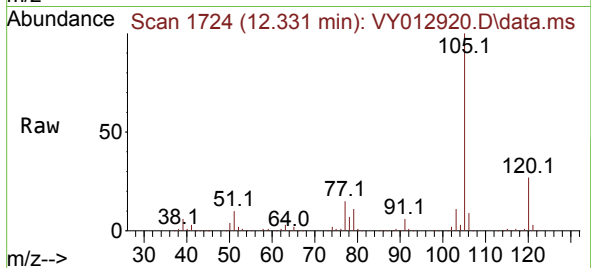
VSTDCCC050

Tgt Ion:105 Resp: 274818

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.2



#74

N-ethyl acetate

Concen: 44.069 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY012920.D

Acq: 13 Mar 2023 10:50

Tgt Ion: 43 Resp: 71399

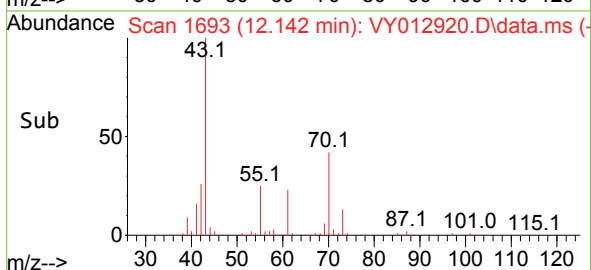
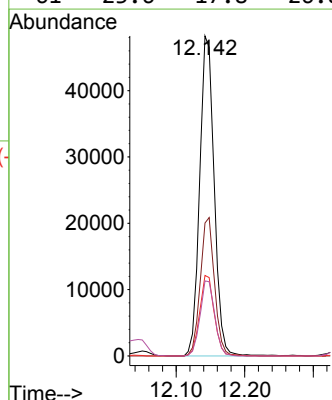
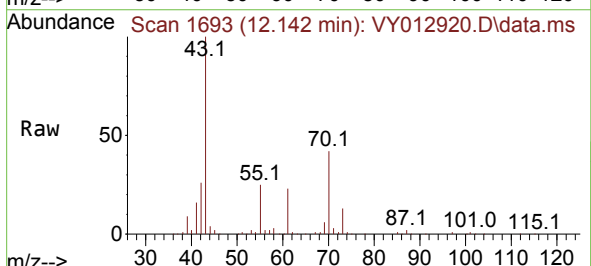
Ion Ratio Lower Upper

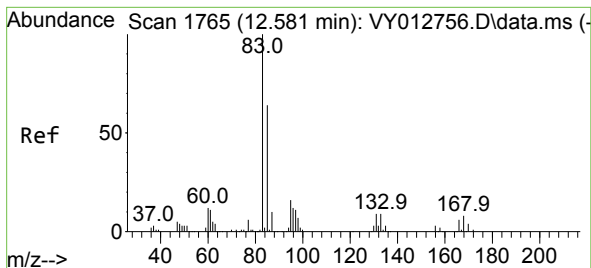
43 100

70 42.3 31.6 47.4

55 25.2 18.8 28.2

61 23.6 17.8 26.8

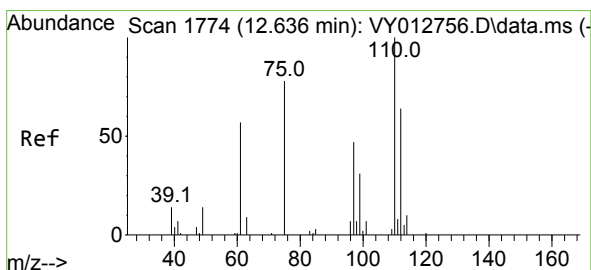
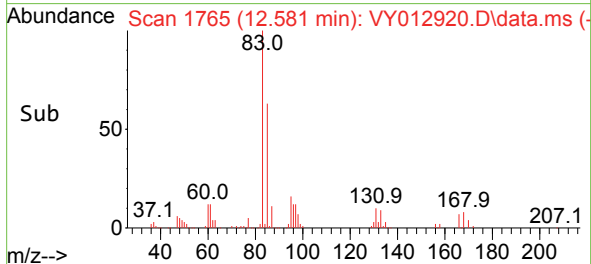
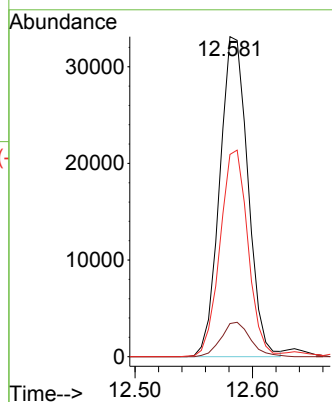
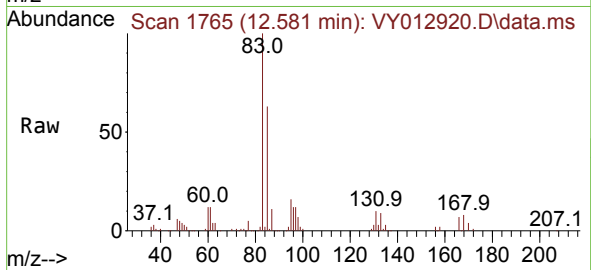




#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.629 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. 0.000 min
 Lab File: VY012920.D
 Acq: 13 Mar 2023 10:50

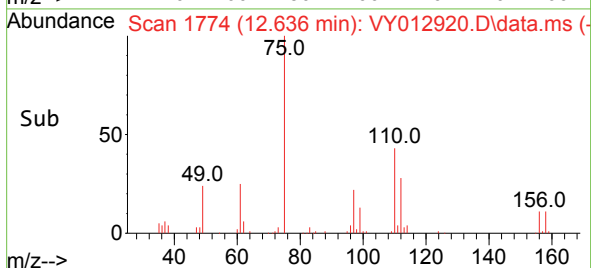
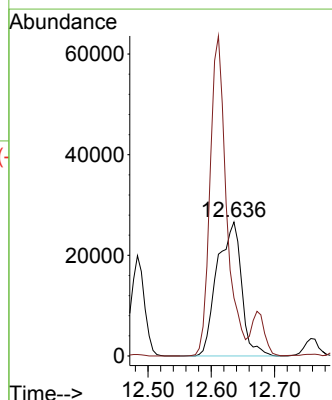
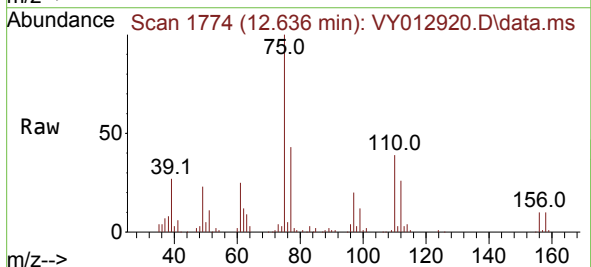
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

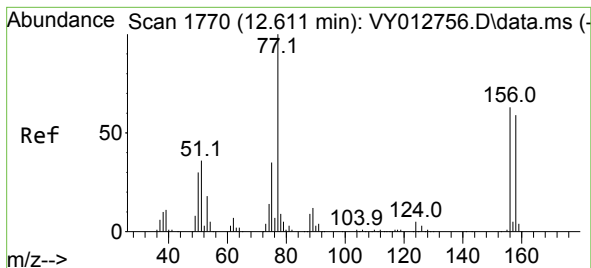
Tgt Ion: 83 Resp: 55131
 Ion Ratio Lower Upper
 83 100
 131 11.2 5.1 15.2
 85 64.1 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 82.229 ug/l
 RT: 12.636 min Scan# 1774
 Delta R.T. 0.000 min
 Lab File: VY012920.D
 Acq: 13 Mar 2023 10:50

Tgt Ion: 75 Resp: 71345
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.270 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY012920.D

Acq: 13 Mar 2023 10:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

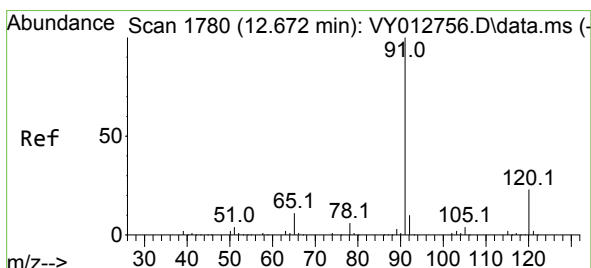
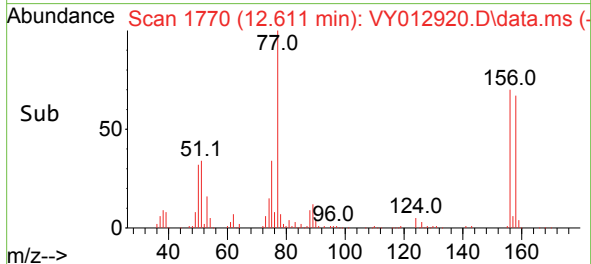
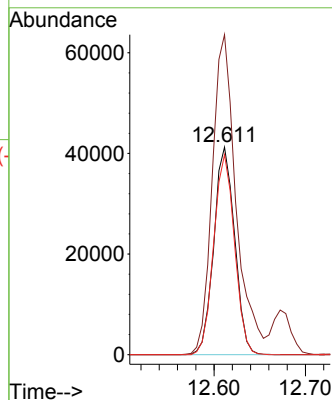
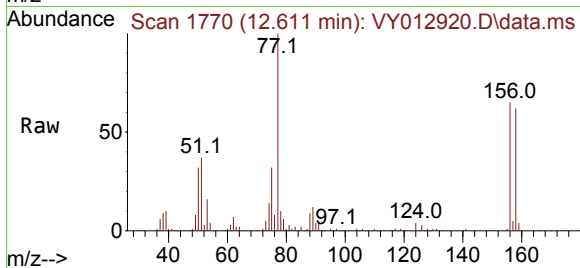
Tgt Ion:156 Resp: 65386

Ion Ratio Lower Upper

156 100

77 175.5 94.0 282.1

158 96.2 48.1 144.4



#78

n-propylbenzene

Concen: 53.272 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012920.D

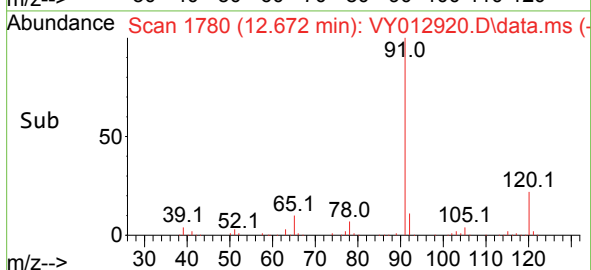
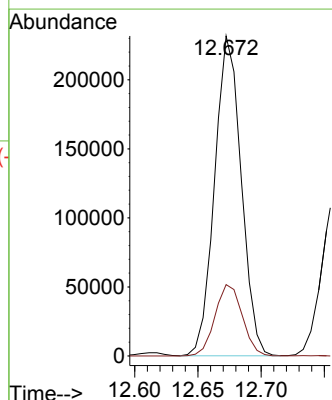
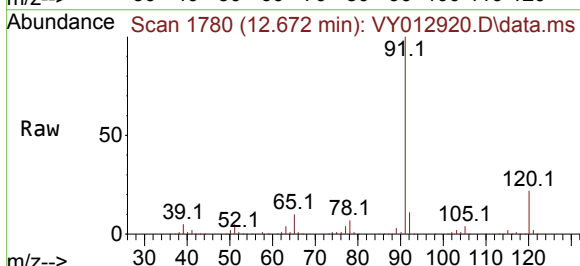
Acq: 13 Mar 2023 10:50

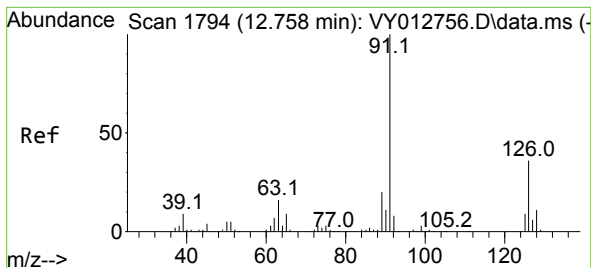
Tgt Ion: 91 Resp: 338195

Ion Ratio Lower Upper

91 100

120 22.9 11.6 34.8





#79

2-Chlorotoluene

Concen: 52.360 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012920.D

Acq: 13 Mar 2023 10:50

Instrument :

MSVOA_Y

ClientSampleId :

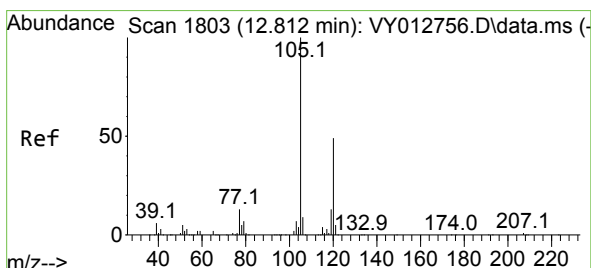
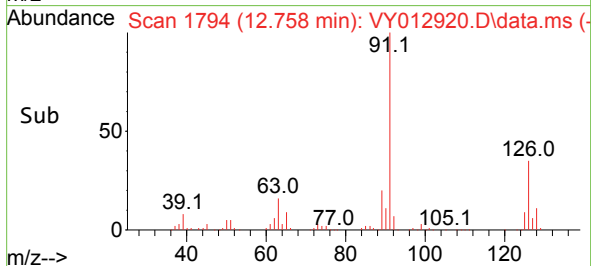
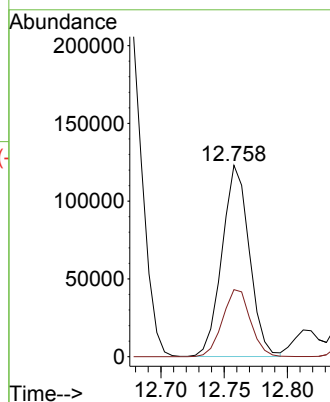
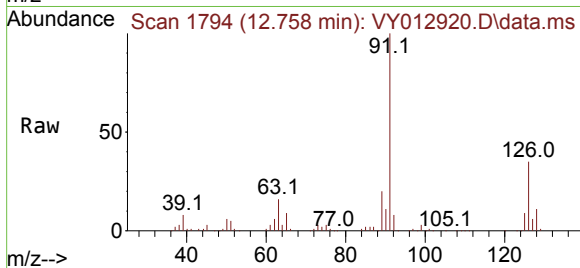
VSTDCCC050

Tgt Ion: 91 Resp: 184744

Ion Ratio Lower Upper

91 100

126 35.8 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 53.487 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY012920.D

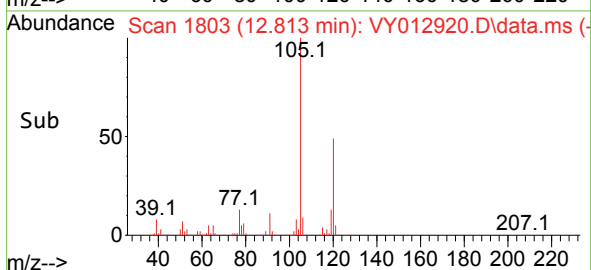
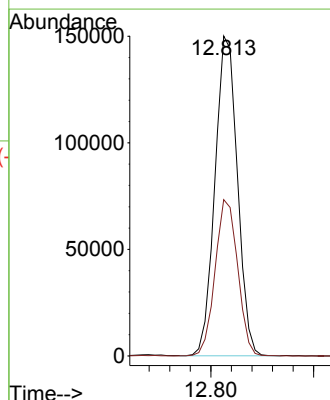
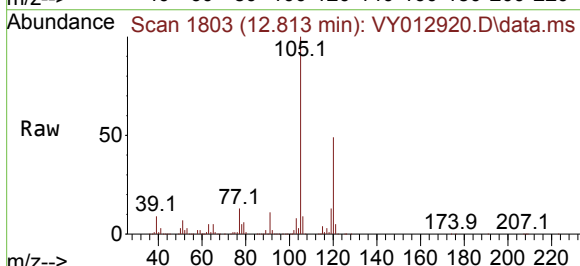
Acq: 13 Mar 2023 10:50

Tgt Ion:105 Resp: 227294

Ion Ratio Lower Upper

105 100

120 49.1 24.8 74.4

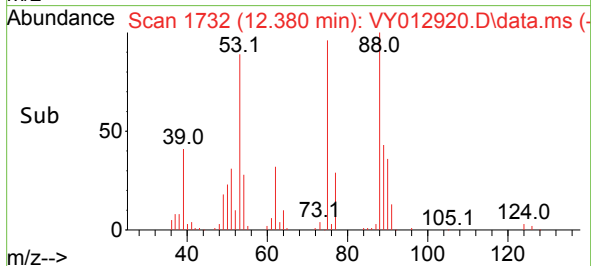
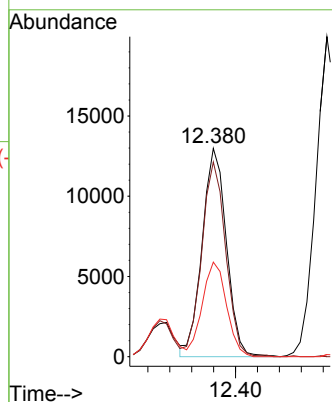
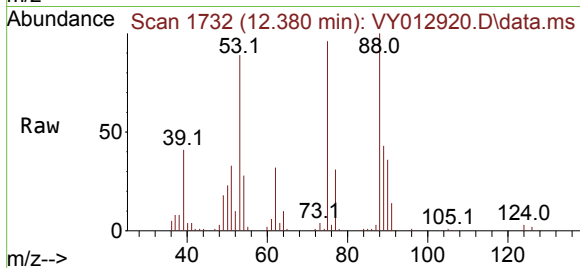




#81
trans-1,4-Dichloro-2-butene
Concen: 47.798 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY012920.D
Acq: 13 Mar 2023 10:50

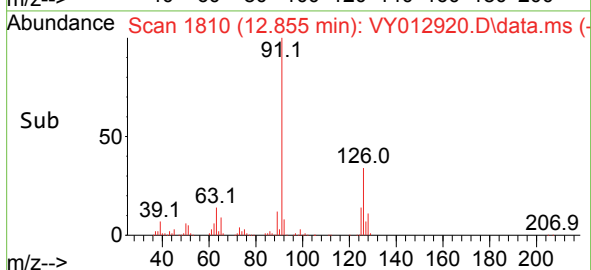
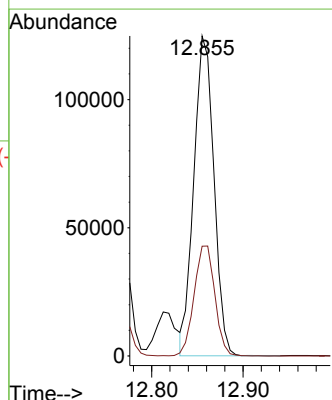
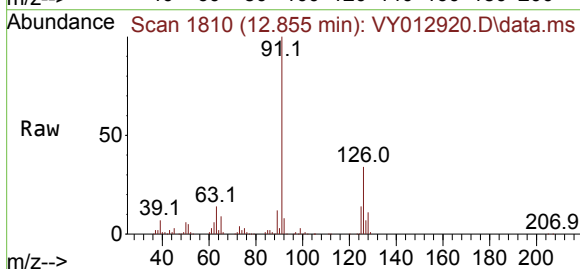
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

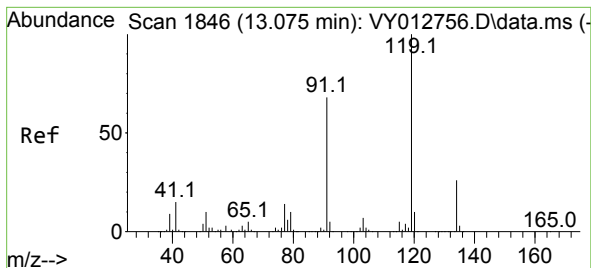
Tgt Ion:	75	Resp:	20015
Ion	Ratio	Lower	Upper
75	100		
53	92.3	73.4	110.0
89	45.1	36.6	55.0



#82
4-Chlorotoluene
Concen: 52.153 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012920.D
Acq: 13 Mar 2023 10:50

Tgt Ion:	91	Resp:	190484
Ion	Ratio	Lower	Upper
91	100		
126	35.6	17.7	53.1

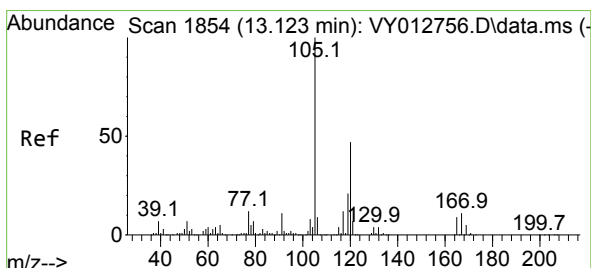
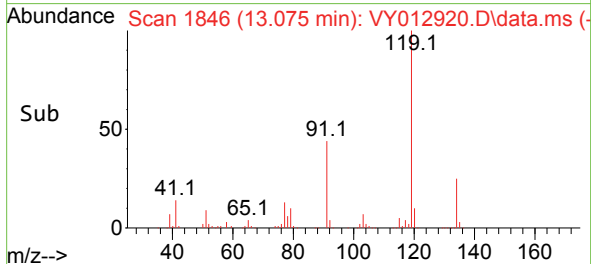
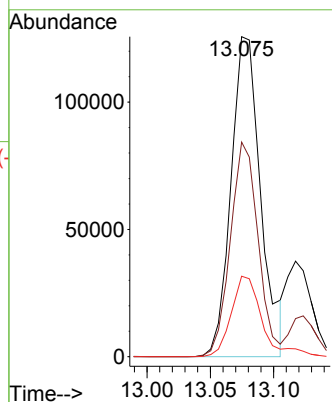
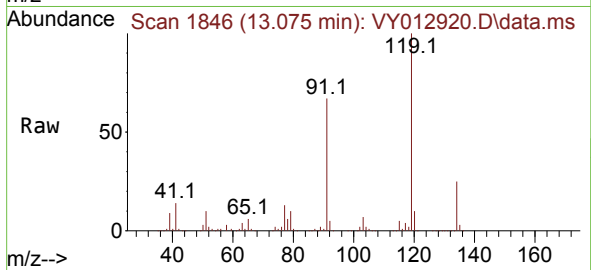




#83
tert-Butylbenzene
Concen: 55.971 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY012920.D
Acq: 13 Mar 2023 10:50

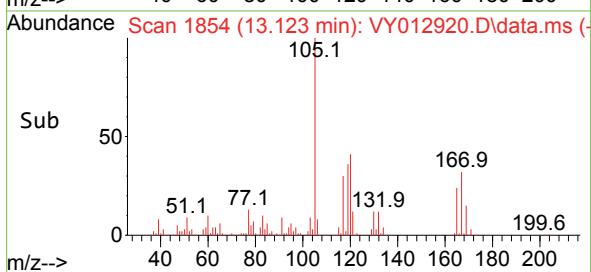
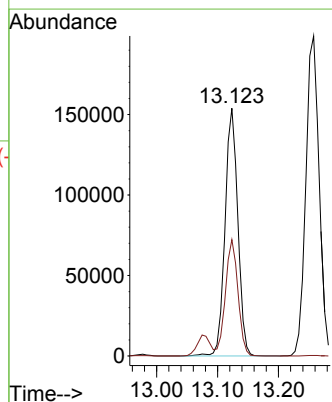
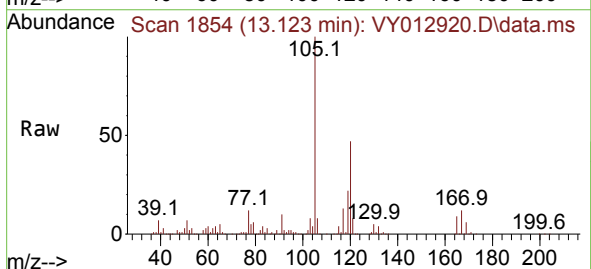
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

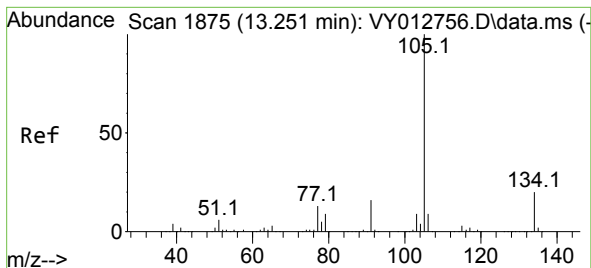
Tgt Ion:119 Resp: 205290
Ion Ratio Lower Upper
119 100
91 62.8 32.8 98.3
134 26.1 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 53.925 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY012920.D
Acq: 13 Mar 2023 10:50

Tgt Ion:105 Resp: 224079
Ion Ratio Lower Upper
105 100
120 46.2 23.0 69.0





#85

sec-Butylbenzene

Concen: 53.754 ug/l

RT: 13.258 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY012920.D

Acq: 13 Mar 2023 10:50

Instrument :

MSVOA_Y

ClientSampleId :

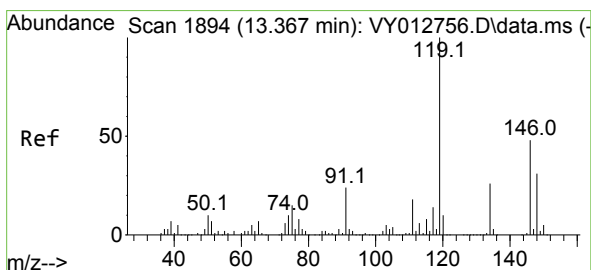
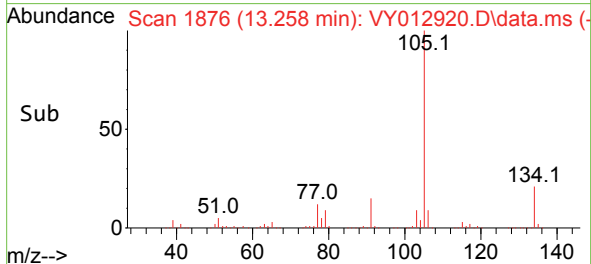
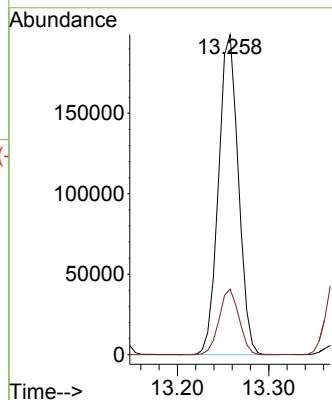
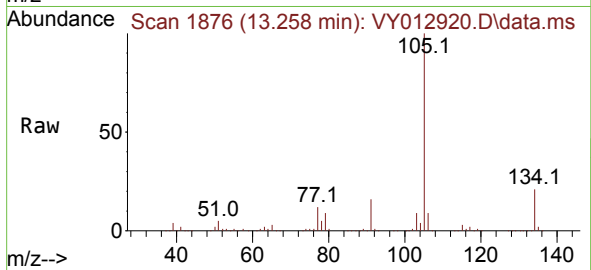
VSTDCCC050

Tgt Ion:105 Resp: 300779

Ion Ratio Lower Upper

105 100

134 20.5 10.4 31.1



#86

p-Isopropyltoluene

Concen: 54.578 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY012920.D

Acq: 13 Mar 2023 10:50

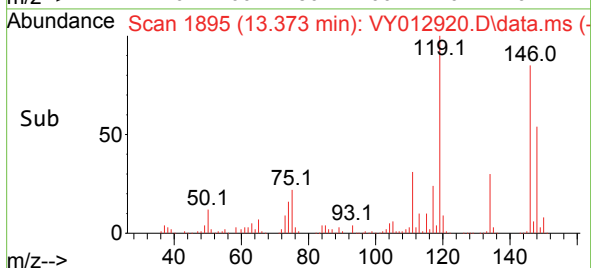
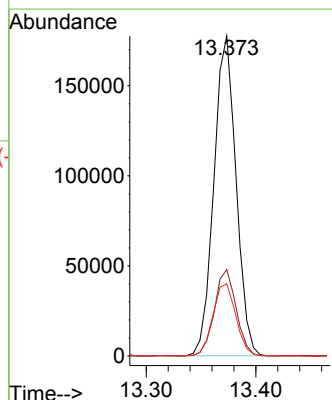
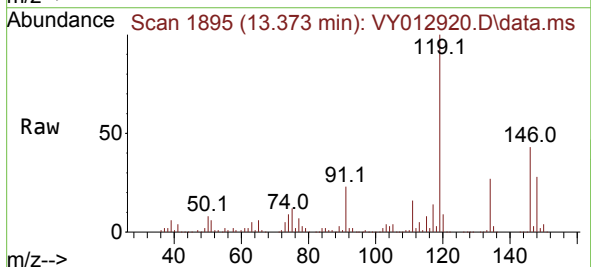
Tgt Ion:119 Resp: 249592

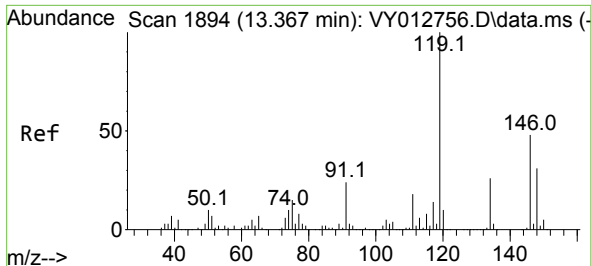
Ion Ratio Lower Upper

119 100

134 26.5 13.2 39.6

91 23.3 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 53.312 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012920.D

Acq: 13 Mar 2023 10:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

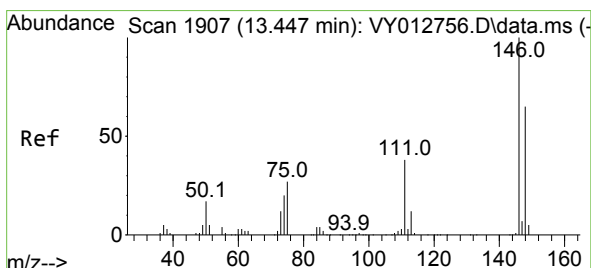
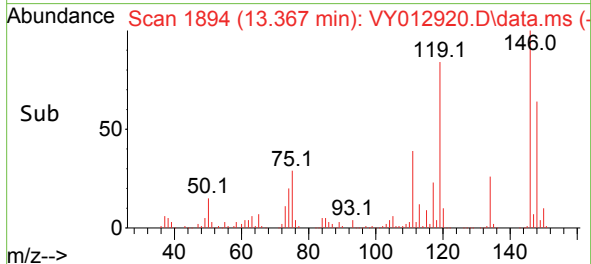
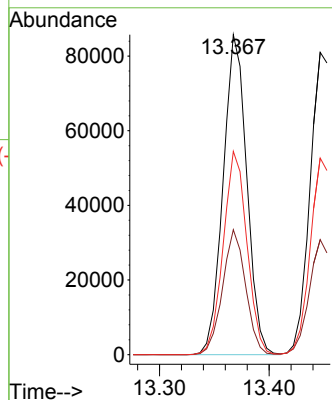
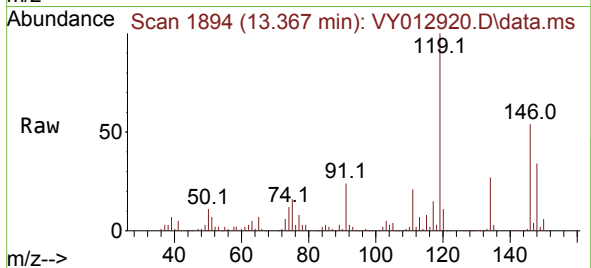
Tgt Ion:146 Resp: 128621

Ion Ratio Lower Upper

146 100

111 38.1 19.1 57.5

148 63.7 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 51.879 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY012920.D

Acq: 13 Mar 2023 10:50

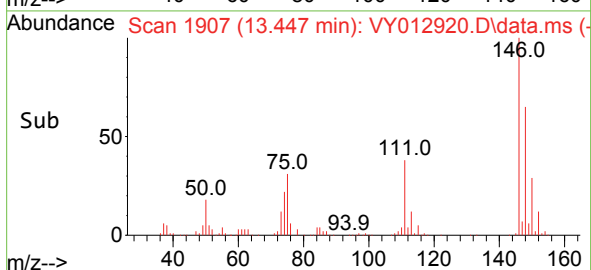
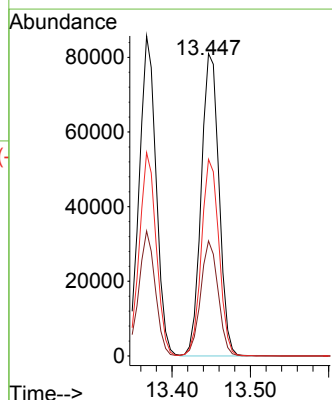
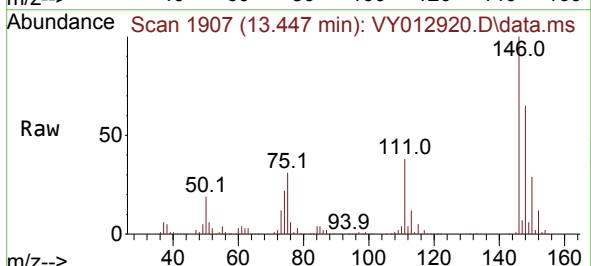
Tgt Ion:146 Resp: 127742

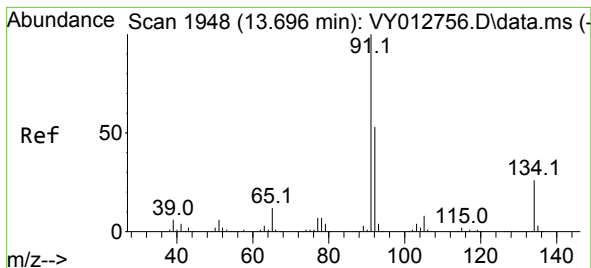
Ion Ratio Lower Upper

146 100

111 37.4 18.6 55.8

148 64.2 31.5 94.5





#89

n-Butylbenzene

Concen: 53.323 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY012920.D

Acq: 13 Mar 2023 10:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

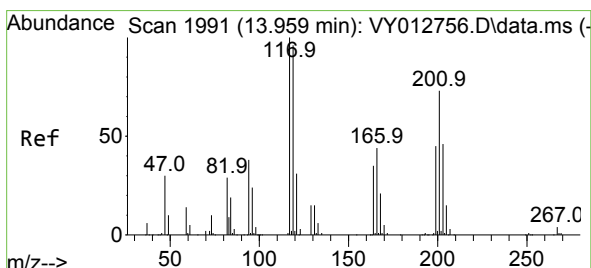
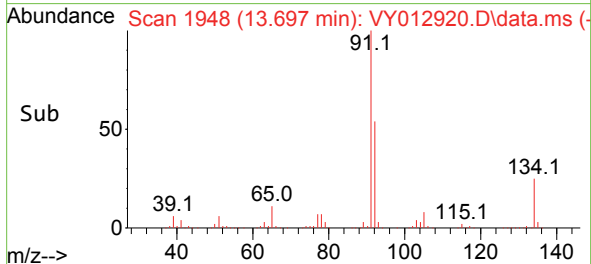
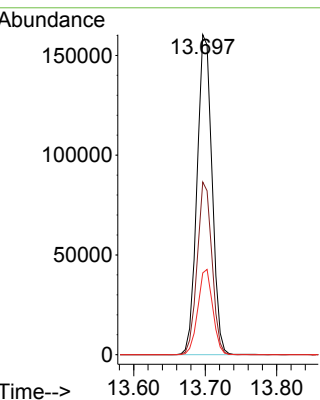
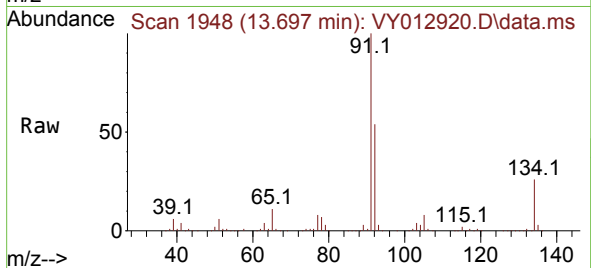
Tgt Ion: 91 Resp: 233446

Ion Ratio Lower Upper

91 100

92 53.0 26.4 79.0

134 26.5 13.0 38.9



#90

Hexachloroethane

Concen: 52.724 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY012920.D

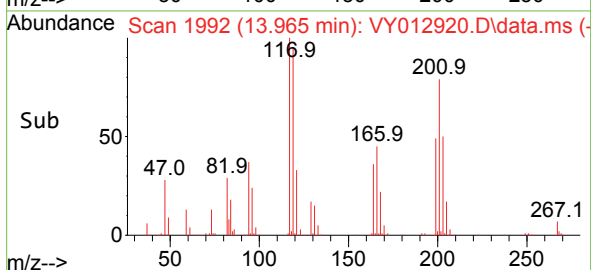
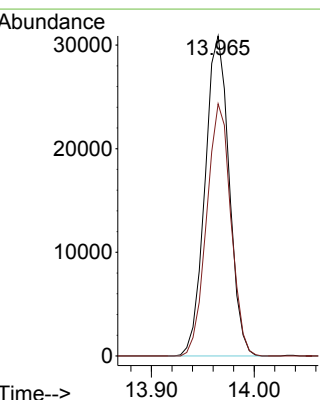
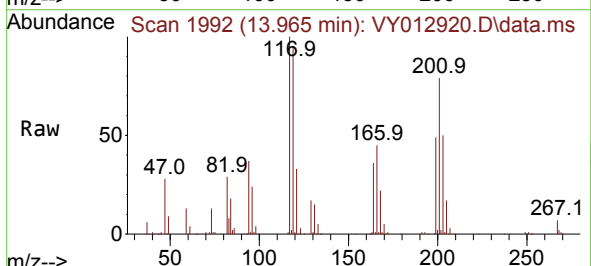
Acq: 13 Mar 2023 10:50

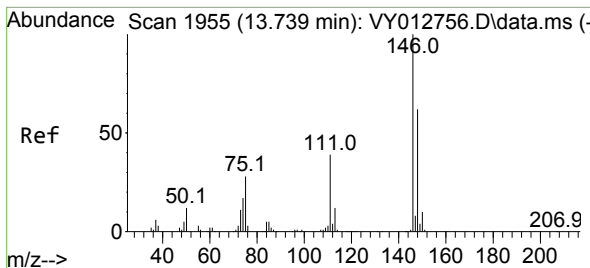
Tgt Ion: 117 Resp: 50219

Ion Ratio Lower Upper

117 100

201 79.2 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 52.413 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY012920.D

Acq: 13 Mar 2023 10:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

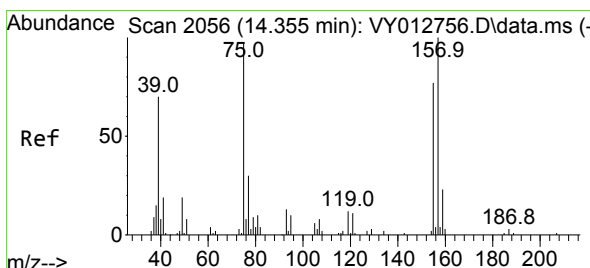
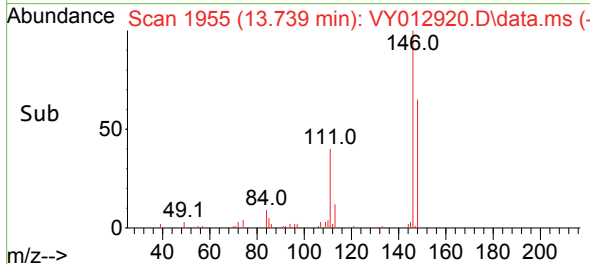
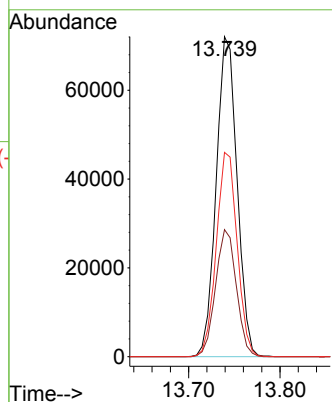
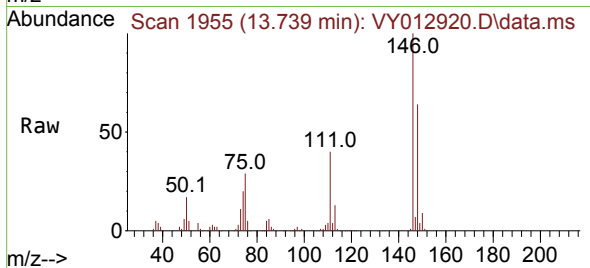
Tgt Ion:146 Resp: 114309

Ion Ratio Lower Upper

146 100

111 39.6 19.7 59.1

148 63.9 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.438 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY012920.D

Acq: 13 Mar 2023 10:50

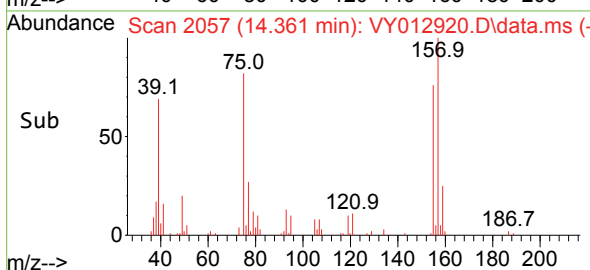
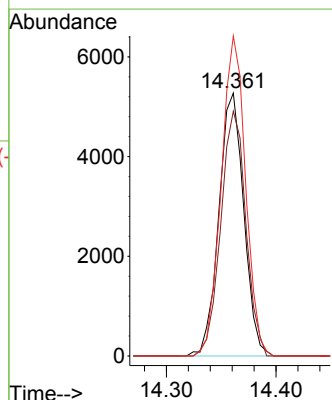
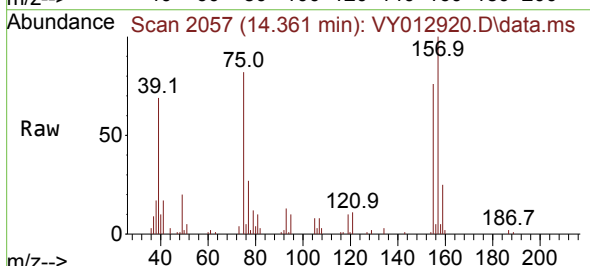
Tgt Ion: 75 Resp: 8313

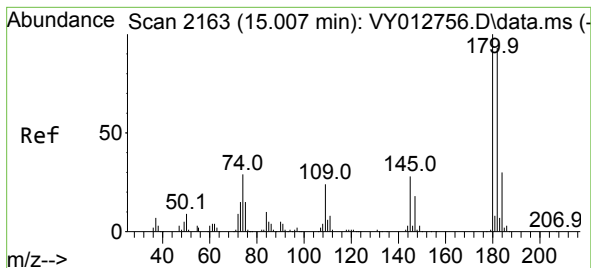
Ion Ratio Lower Upper

75 100

155 93.5 43.8 131.4

157 118.8 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 51.983 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY012920.D

Acq: 13 Mar 2023 10:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

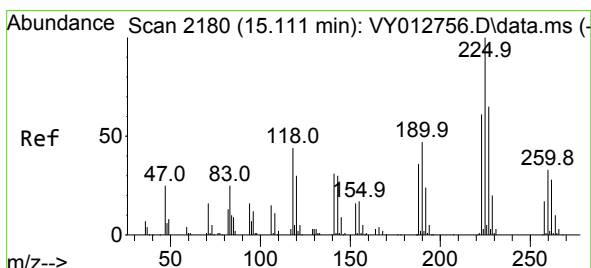
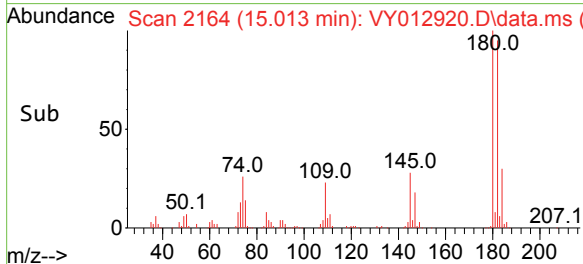
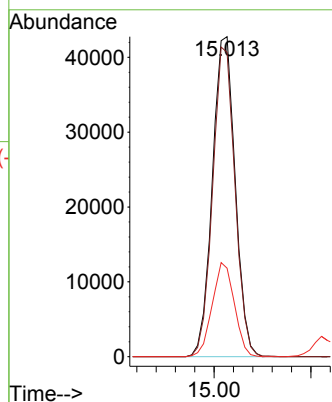
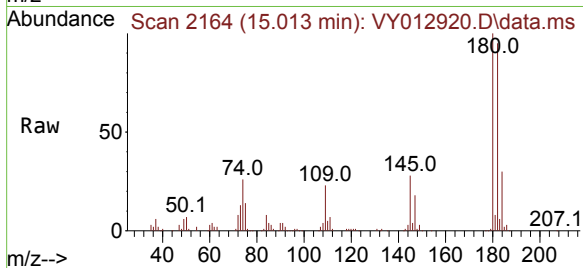
Tgt Ion:180 Resp: 69803

Ion Ratio Lower Upper

180 100

182 94.7 46.7 140.1

145 28.6 14.6 43.8



#94

Hexachlorobutadiene

Concen: 52.129 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY012920.D

Acq: 13 Mar 2023 10:50

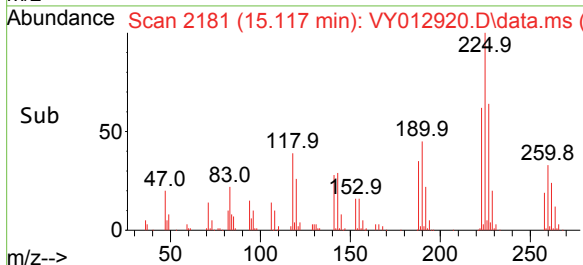
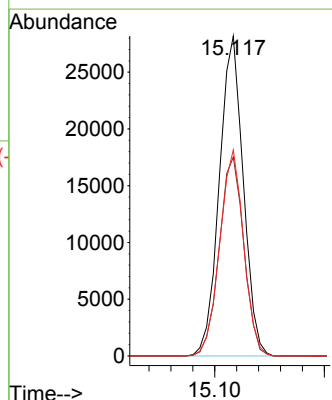
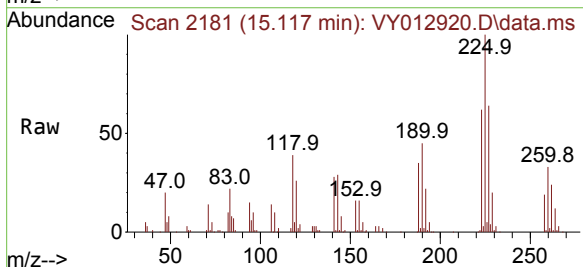
Tgt Ion:225 Resp: 42694

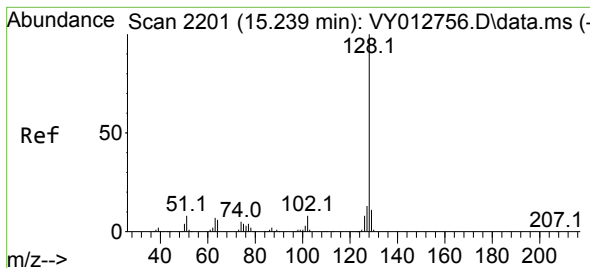
Ion Ratio Lower Upper

225 100

223 63.8 31.1 93.3

227 64.4 32.4 97.0

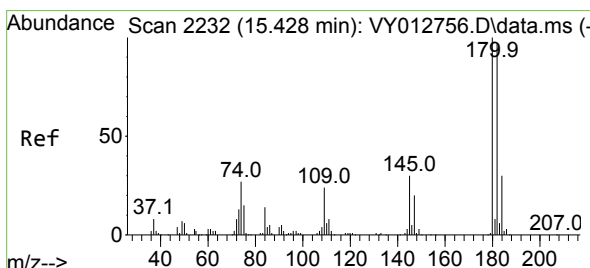
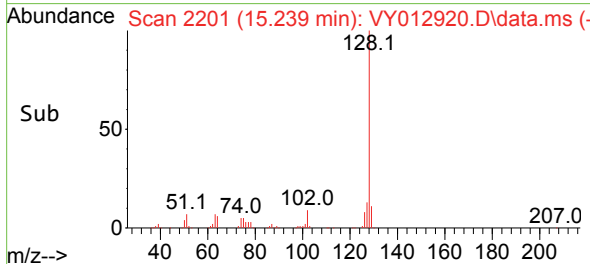
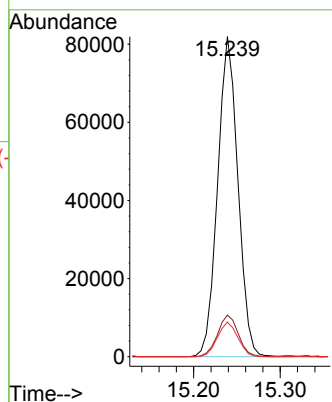
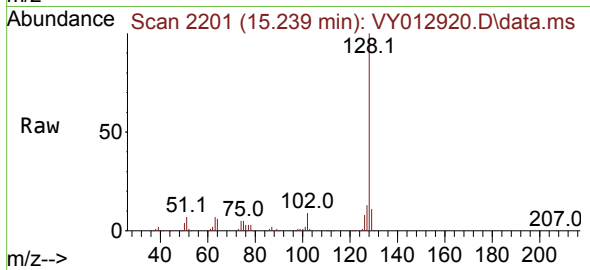




#95
Naphthalene
Concen: 49.512 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY012920.D
Acq: 13 Mar 2023 10:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 133231
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 52.229 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY012920.D
Acq: 13 Mar 2023 10:50

Tgt Ion:180 Resp: 62375
Ion Ratio Lower Upper
180 100
182 93.8 47.4 142.3
145 29.8 15.3 45.8

