

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032723\
 Data File : VY013105.D
 Acq On : 27 Mar 2023 20:24
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 28 01:49:30 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	96983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	148445	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	137689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	73473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	49673	51.586	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.180%	
35) Dibromofluoromethane	7.716	113	49065	54.768	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.540%	
50) Toluene-d8	10.179	98	154990	47.324	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 94.640%	
62) 4-Bromofluorobenzene	12.483	95	60973	55.158	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.320%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	41470	43.383	ug/l	100
3) Chloromethane	2.113	50	49273	43.116	ug/l	99
4) Vinyl Chloride	2.247	62	48174	45.971	ug/l	97
5) Bromomethane	2.644	94	32423	50.919	ug/l	96
6) Chloroethane	2.790	64	31738	50.571	ug/l	97
7) Trichlorofluoromethane	3.119	101	81742	46.965	ug/l	98
8) Diethyl Ether	3.521	74	28819	47.250	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.899	101	48813	46.615	ug/l	98
10) Methyl Iodide	4.082	142	62080	45.500	ug/l	96
11) Tert butyl alcohol	4.942	59	29492	267.754	ug/l	97
12) 1,1-Dichloroethene	3.869	96	46333	46.393	ug/l	95
13) Acrolein	3.723	56	29691	175.997	ug/l	100
14) Allyl chloride	4.479	41	92185	49.970	ug/l	98
15) Acrylonitrile	5.155	53	93264	290.207	ug/l	100
16) Acetone	3.942	43	94393	249.749	ug/l	99
17) Carbon Disulfide	4.192	76	150065	44.144	ug/l	99
18) Methyl Acetate	4.473	43	64868	57.633	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	143748	55.725	ug/l	99
20) Methylene Chloride	4.710	84	62817	55.003	ug/l	95
21) trans-1,2-Dichloroethene	5.210	96	55798	51.413	ug/l	99
22) Diisopropyl ether	6.112	45	184355	55.020	ug/l	96
23) Vinyl Acetate	6.058	43	583364	280.203	ug/l	99
24) 1,1-Dichloroethane	6.009	63	100113	52.433	ug/l	98
25) 2-Butanone	6.984	43	130400	278.558	ug/l	93
26) 2,2-Dichloropropane	6.972	77	82039	48.378	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	61658	52.990	ug/l	99
28) Bromochloromethane	7.332	49	35847	51.375	ug/l	94
29) Tetrahydrofuran	7.344	42	85622	303.263	ug/l	96
30) Chloroform	7.502	83	100864	53.482	ug/l	100
31) Cyclohexane	7.783	56	83551	45.306	ug/l	95
32) 1,1,1-Trichloroethane	7.698	97	87634	51.382	ug/l	99
36) 1,1-Dichloropropene	7.917	75	75345	50.187	ug/l	99
37) Ethyl Acetate	7.070	43	55454	58.605	ug/l	97
38) Carbon Tetrachloride	7.899	117	79913	51.547	ug/l	98
39) Methylcyclohexane	9.179	83	86323	48.365	ug/l	98
40) Benzene	8.155	78	215406	50.723	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	77798	152.605	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	69464	54.407	ug/l	99
43) Isopropyl Acetate	8.271	43	95341	56.475	ug/l	99
44) Trichloroethene	8.935	130	57954	51.761	ug/l	96
45) 1,2-Dichloropropane	9.216	63	57600	53.669	ug/l	98
46) Dibromomethane	9.301	93	33941	55.511	ug/l	98
47) Bromodichloromethane	9.496	83	78258	54.313	ug/l	95
48) Methyl methacrylate	9.289	41	44287	56.933	ug/l	99
49) 1,4-Dioxane	9.289	88	9882	1250.207	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	278267	303.873	ug/l	99
52) Toluene	10.240	92	136383	53.252	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	81056	53.632	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	92492	54.069	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	46955	55.143	ug/l	99
56) Ethyl methacrylate	10.508	69	65300	57.513	ug/l	99
57) 1,3-Dichloropropane	10.788	76	80620	55.587	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	164394	275.812	ug/l	99
59) 2-Hexanone	10.831	43	200250	300.884	ug/l	100
60) Dibromochloromethane	10.984	129	56961	54.954	ug/l	99
61) 1,2-Dibromoethane	11.087	107	44751	54.558	ug/l	99
64) Tetrachloroethene	10.715	164	52393	52.264	ug/l	99
65) Chlorobenzene	11.514	112	146779	50.793	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	56105	52.469	ug/l	99
67) Ethyl Benzene	11.593	91	263501	51.864	ug/l	99
68) m/p-Xylenes	11.703	106	201957	103.329	ug/l	99
69) o-Xylene	12.026	106	93345	51.173	ug/l	99
70) Styrene	12.044	104	164097	53.908	ug/l	100
71) Bromoform	12.203	173	38314	54.955	ug/l #	98
73) Isopropylbenzene	12.325	105	250466	48.101	ug/l	100
74) N-amyl acetate	12.142	43	84494	51.573	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	58482	49.962	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	78428	89.388	ug/l #	100
77) Bromobenzene	12.605	156	60474	47.807	ug/l	98
78) n-propylbenzene	12.666	91	312254	48.639	ug/l	99
79) 2-Chlorotoluene	12.758	91	174003	48.768	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	211063	49.116	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	21036	49.679	ug/l	99
82) 4-Chlorotoluene	12.855	91	180487	48.867	ug/l	98
83) tert-Butylbenzene	13.075	119	183297	49.419	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	206978	49.257	ug/l	100
85) sec-Butylbenzene	13.251	105	270917	47.879	ug/l	100
86) p-Isopropyltoluene	13.367	119	225666	48.798	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	118922	48.744	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	118902	47.752	ug/l	98
89) n-Butylbenzene	13.696	91	205918	46.513	ug/l	100
90) Hexachloroethane	13.959	117	46153	47.917	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	106292	48.196	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10018	52.957	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	61255	45.111	ug/l	98
94) Hexachlorobutadiene	15.111	225	36295	43.824	ug/l	99
95) Naphthalene	15.233	128	135686	49.865	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	57011	47.208	ug/l	99

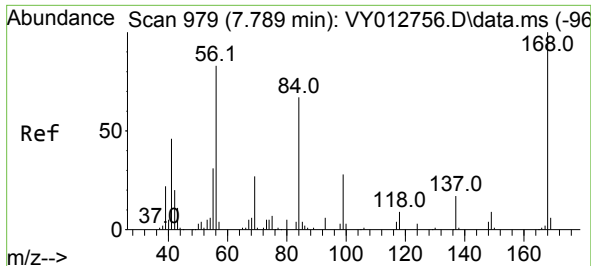
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032723\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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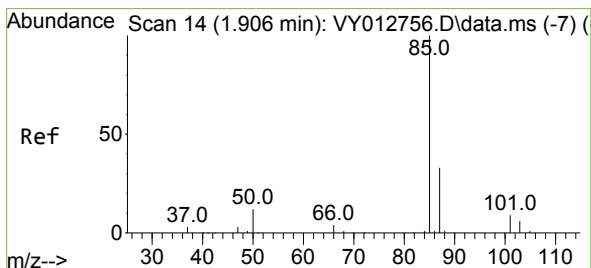
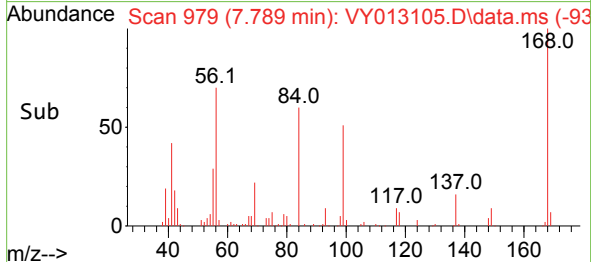
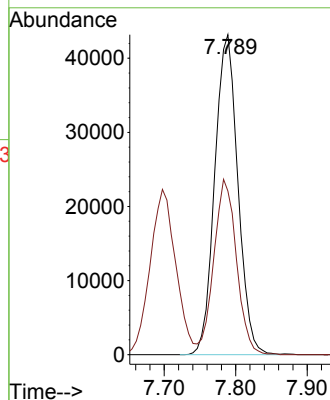
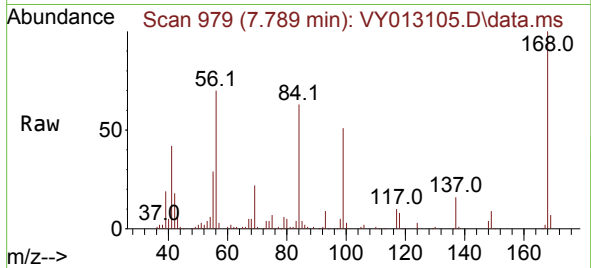
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013105.D
Acq: 27 Mar 2023 20:24

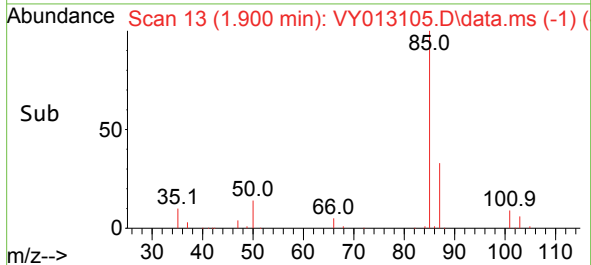
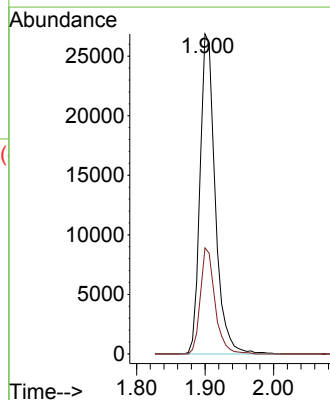
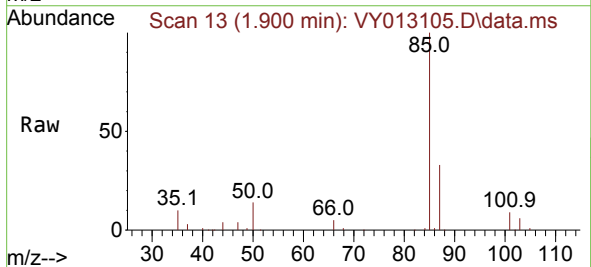
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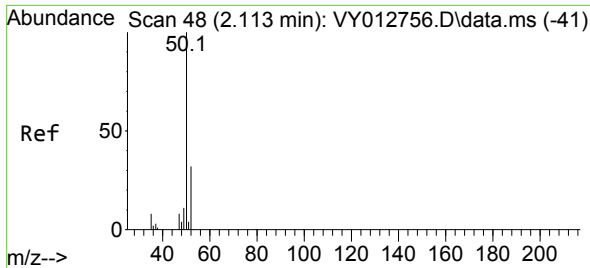
Tgt Ion:168 Resp: 96983
Ion Ratio Lower Upper
168 100
99 51.1 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 43.383 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY013105.D
Acq: 27 Mar 2023 20:24

Tgt Ion: 85 Resp: 41470
Ion Ratio Lower Upper
85 100
87 33.2 16.7 50.0

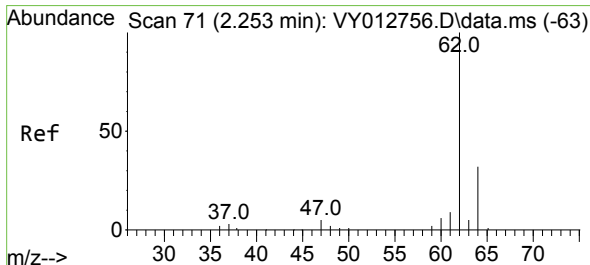
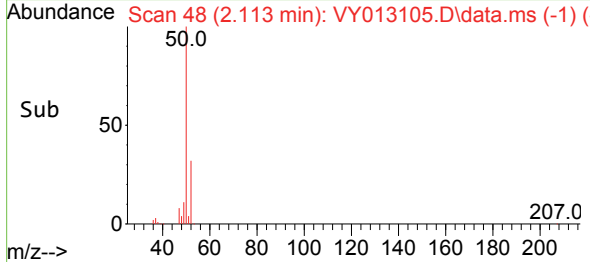
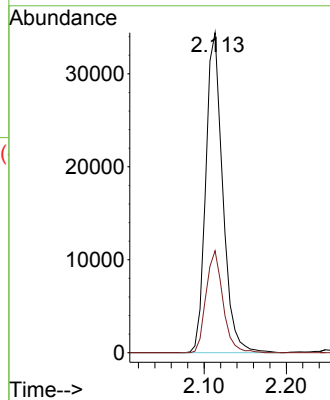
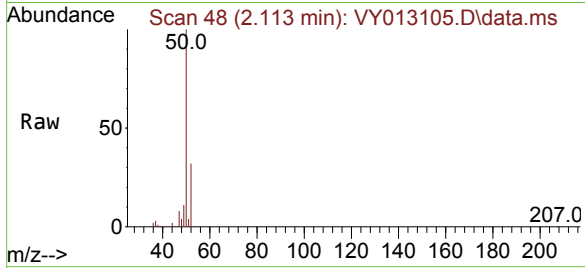




#3
Chloromethane
Concen: 43.116 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013105.D
Acq: 27 Mar 2023 20:24

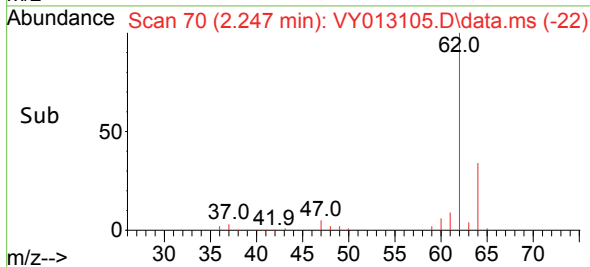
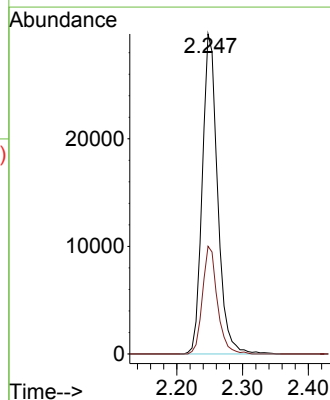
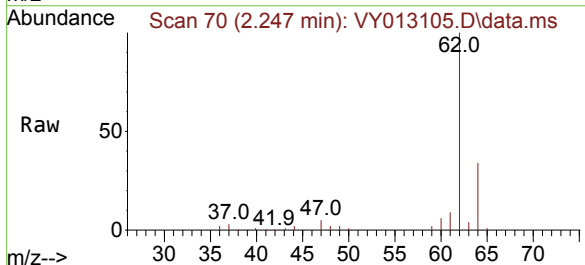
Instrument :
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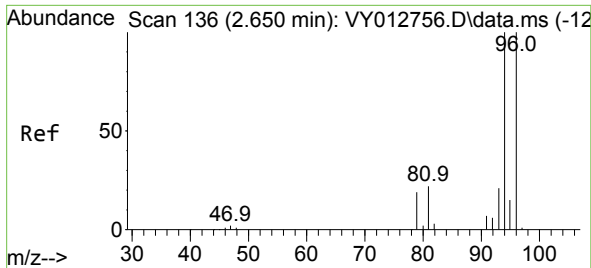
Tgt Ion: 50 Resp: 49273
Ion Ratio Lower Upper
50 100
52 31.8 26.0 39.0



#4
Vinyl Chloride
Concen: 45.971 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY013105.D
Acq: 27 Mar 2023 20:24

Tgt Ion: 62 Resp: 48174
Ion Ratio Lower Upper
62 100
64 33.6 25.6 38.4





#5

Bromomethane

Concen: 50.919 ug/l

RT: 2.644 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013105.D

Acq: 27 Mar 2023 20:24

Instrument :

MSVOA_Y

ClientSampleId :

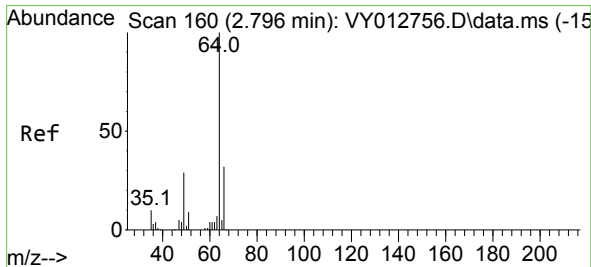
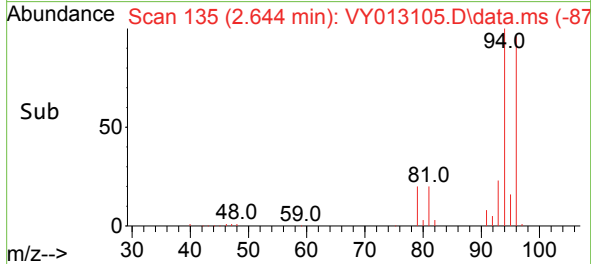
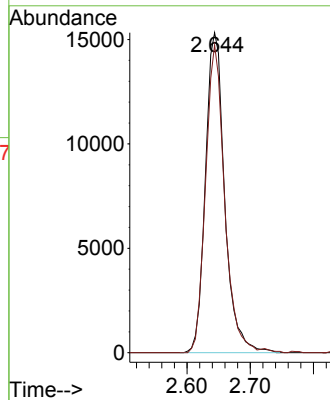
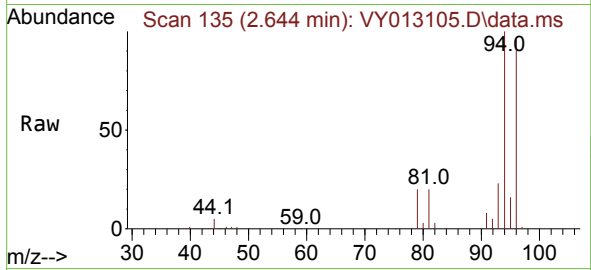
VSTDCCC050EC

Tgt Ion: 94 Resp: 32423

Ion Ratio Lower Upper

94 100

96 96.1 80.3 120.5



#6

Chloroethane

Concen: 50.571 ug/l

RT: 2.790 min Scan# 159

Delta R.T. -0.006 min

Lab File: VY013105.D

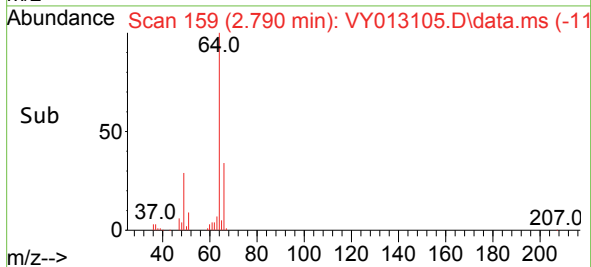
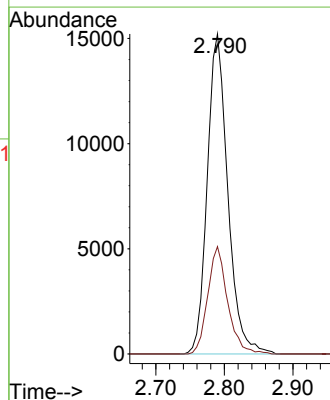
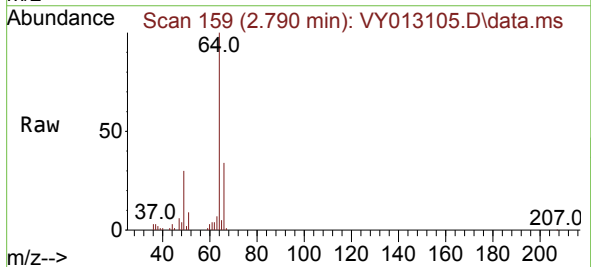
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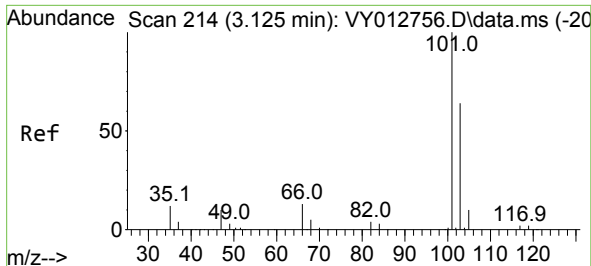
Tgt Ion: 64 Resp: 31738

Ion Ratio Lower Upper

64 100

66 33.6 25.7 38.5

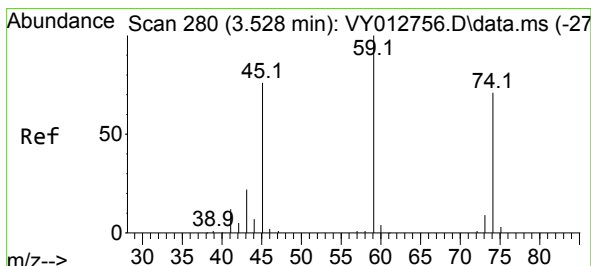
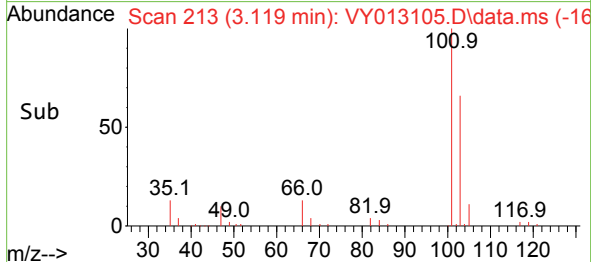
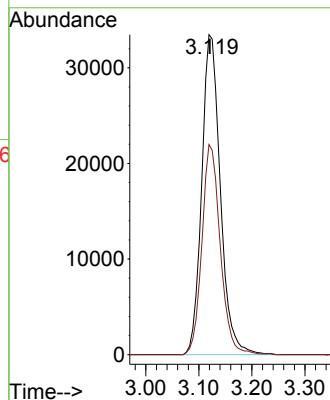
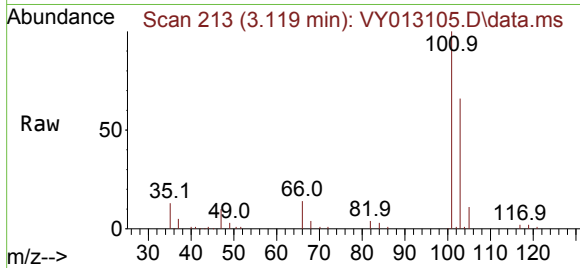




#7
 Trichlorofluoromethane
 Concen: 46.965 ug/l
 RT: 3.119 min Scan# 214
 Delta R.T. -0.006 min
 Lab File: VY013105.D
 Acq: 27 Mar 2023 20:24

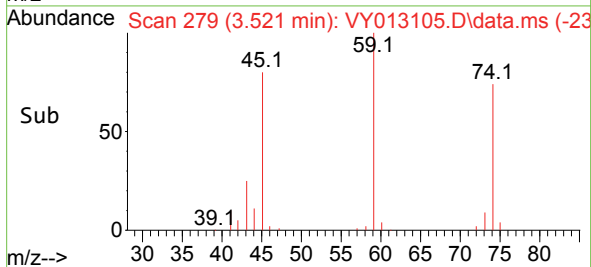
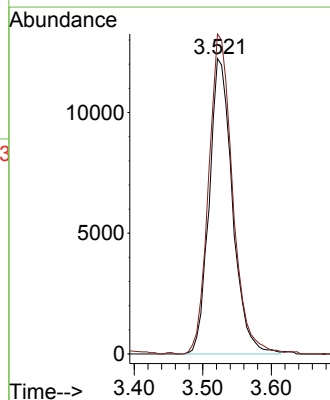
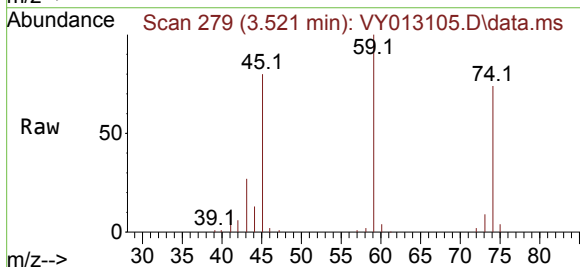
Instrument :
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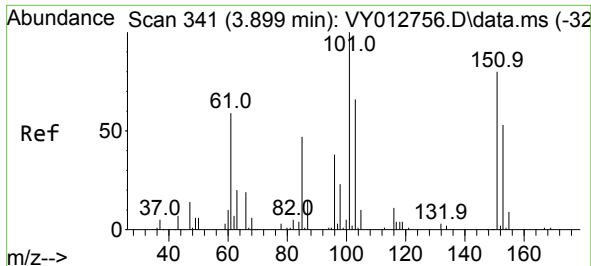
Tgt Ion:101 Resp: 81742
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.5 77.3



#8
 Diethyl Ether
 Concen: 47.250 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.007 min
 Lab File: VY013105.D
 Acq: 27 Mar 2023 20:24

Tgt Ion: 74 Resp: 28819
 Ion Ratio Lower Upper
 74 100
 45 111.8 52.1 156.4

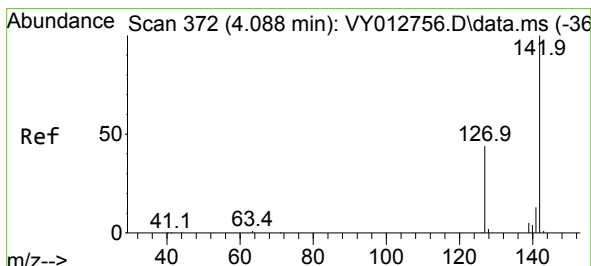
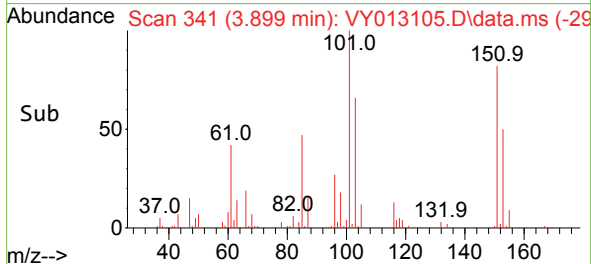
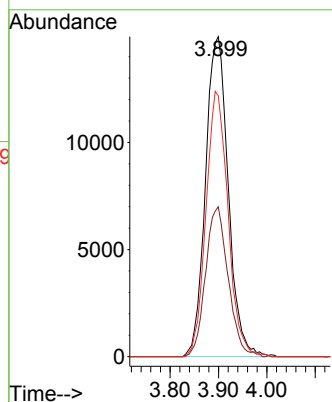
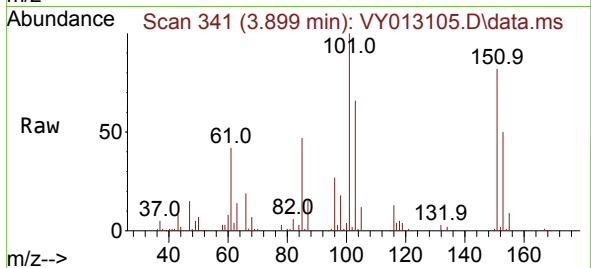




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.615 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY013105.D
Acq: 27 Mar 2023 20:24

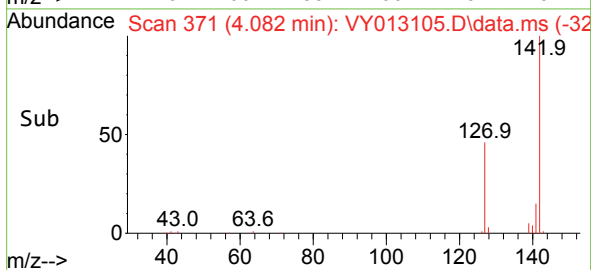
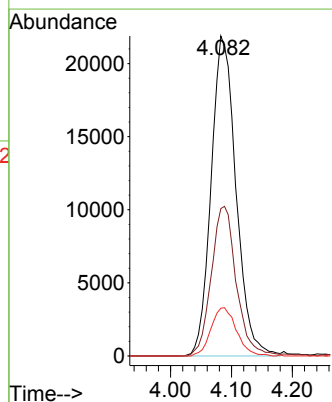
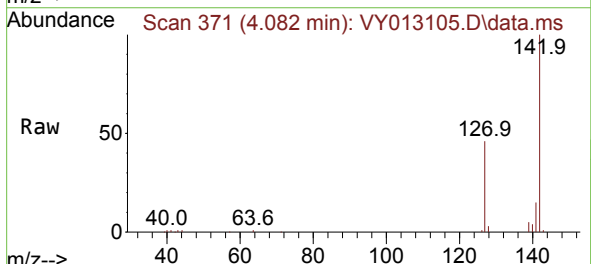
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

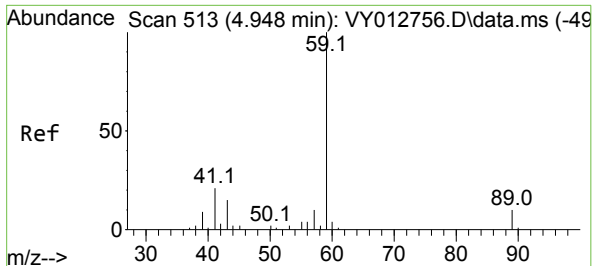
Tgt Ion:101 Resp: 48813
Ion Ratio Lower Upper
101 100
85 46.6 35.3 52.9
151 80.4 63.1 94.7



#10
Methyl Iodide
Concen: 45.500 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY013105.D
Acq: 27 Mar 2023 20:24

Tgt Ion:142 Resp: 62080
Ion Ratio Lower Upper
142 100
127 47.4 35.4 53.2
141 15.4 11.3 16.9

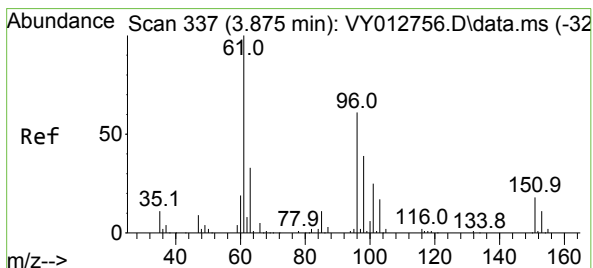
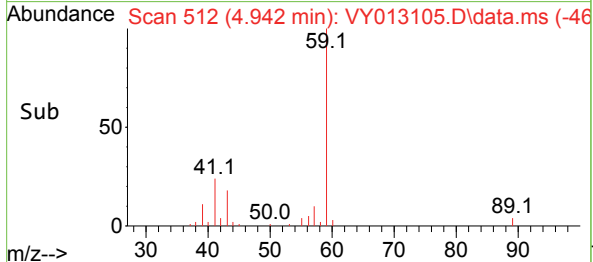
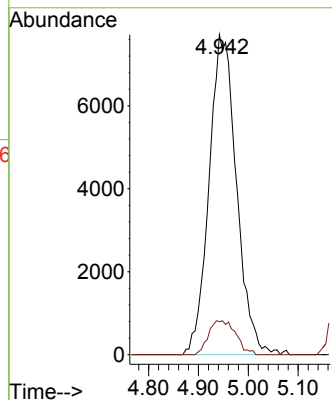
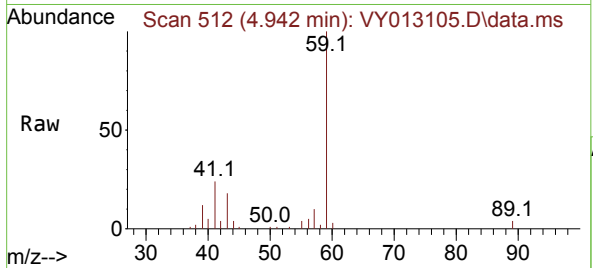




#11
Tert butyl alcohol
Concen: 267.754 ug/l
RT: 4.942 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY013105.D
Acq: 27 Mar 2023 20:24

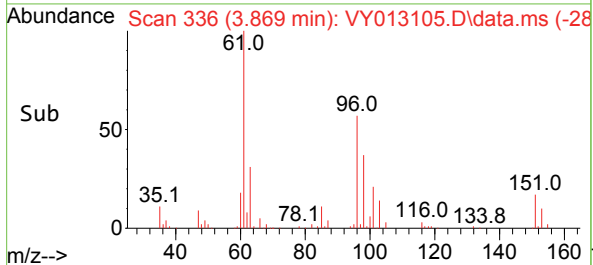
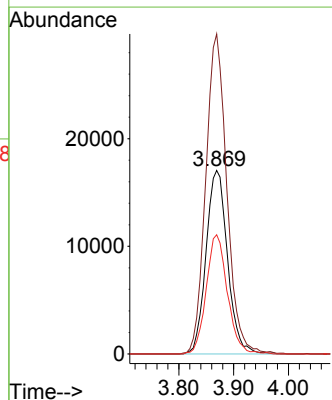
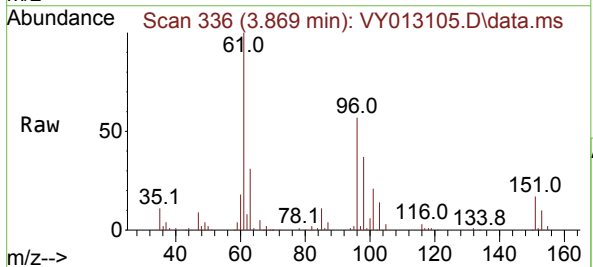
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

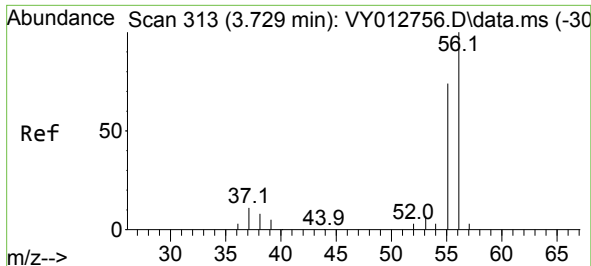
Tgt Ion: 59 Resp: 29492
Ion Ratio Lower Upper
59 100
57 10.5 7.7 11.5



#12
1,1-Dichloroethene
Concen: 46.393 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY013105.D
Acq: 27 Mar 2023 20:24

Tgt Ion: 96 Resp: 46333
Ion Ratio Lower Upper
96 100
61 174.4 131.7 197.5
98 64.9 52.0 78.0





#13

Acrolein

Concen: 175.997 ug/l

RT: 3.723 min Scan# 313

Delta R.T. -0.006 min

Lab File: VY013105.D

Acq: 27 Mar 2023 20:24

Instrument :

MSVOA_Y

ClientSampleId :

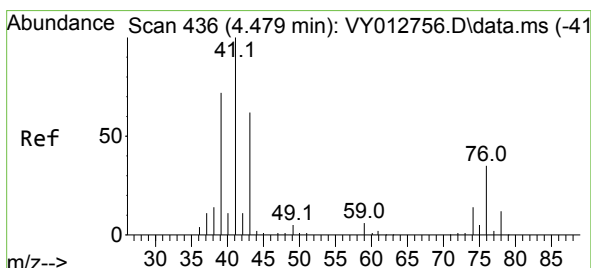
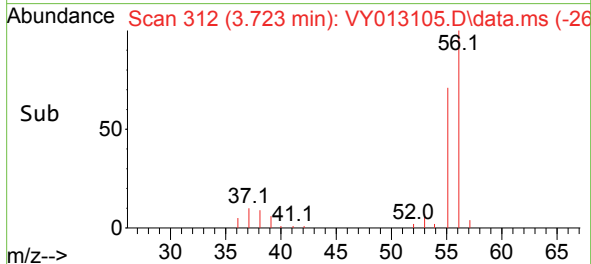
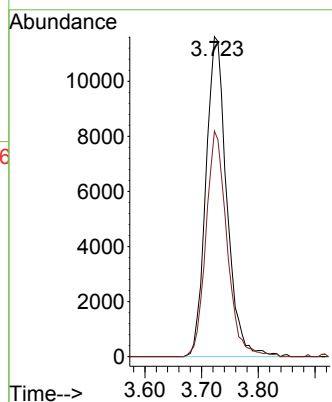
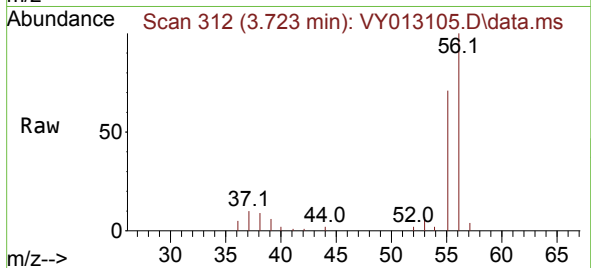
VSTDCCC050EC

Tgt Ion: 56 Resp: 29691

Ion Ratio Lower Upper

56 100

55 71.1 56.8 85.2



#14

Allyl chloride

Concen: 49.970 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY013105.D

Acq: 27 Mar 2023 20:24

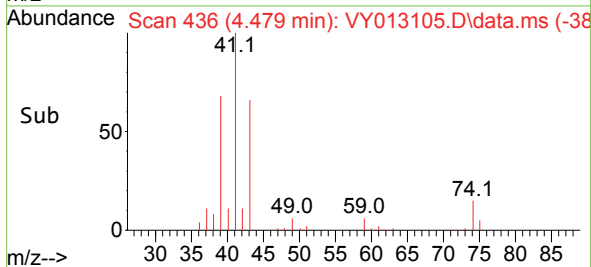
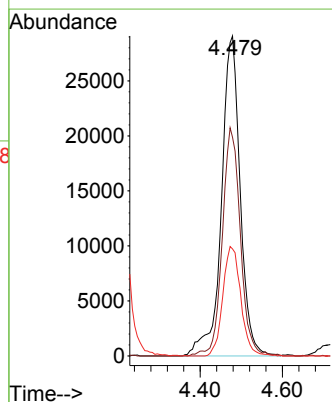
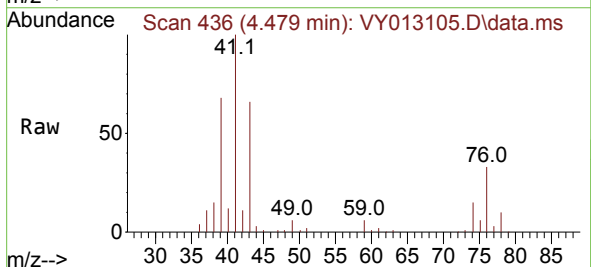
Tgt Ion: 41 Resp: 92185

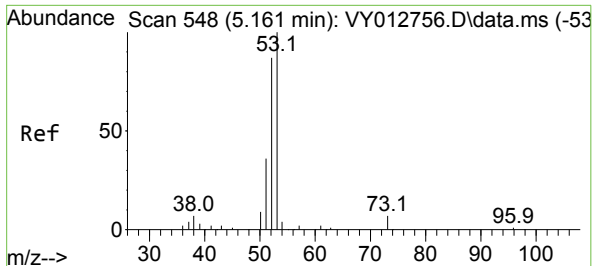
Ion Ratio Lower Upper

41 100

39 68.4 53.6 80.4

76 32.8 27.2 40.8





#15

Acrylonitrile

Concen: 290.207 ug/l

RT: 5.155 min Scan# 54

Delta R.T. -0.006 min

Lab File: VY013105.D

Acq: 27 Mar 2023 20:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

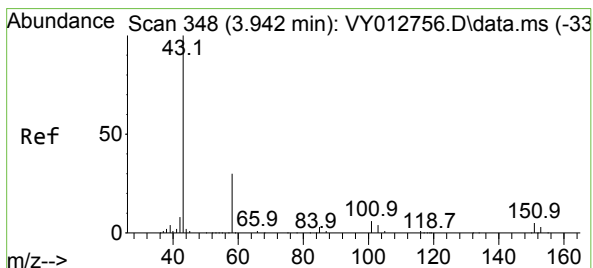
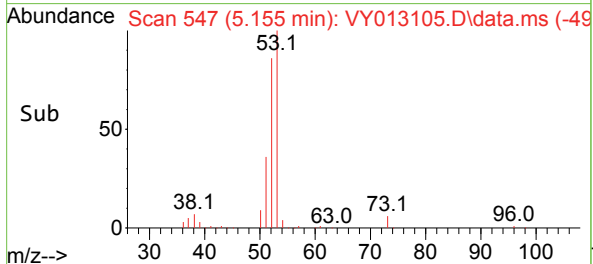
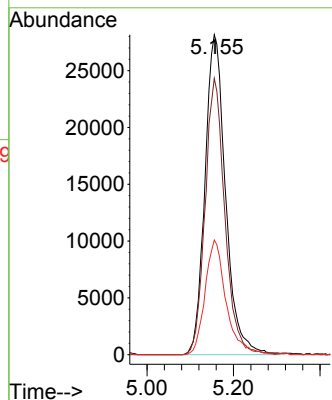
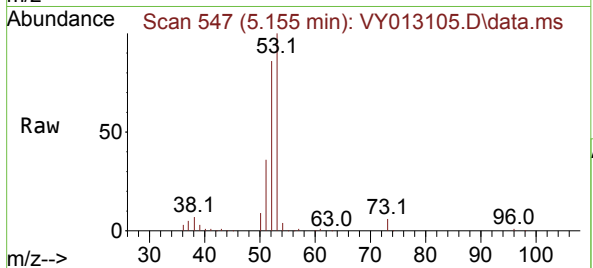
Tgt Ion: 53 Resp: 93264

Ion Ratio Lower Upper

53 100

52 82.9 66.3 99.5

51 36.4 28.8 43.2



#16

Acetone

Concen: 249.749 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY013105.D

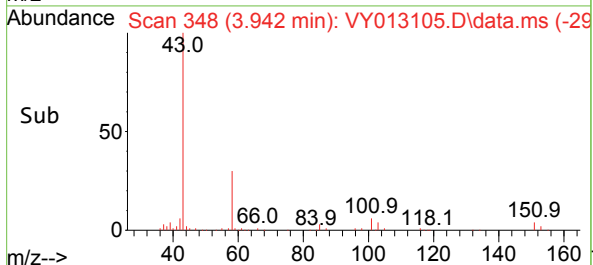
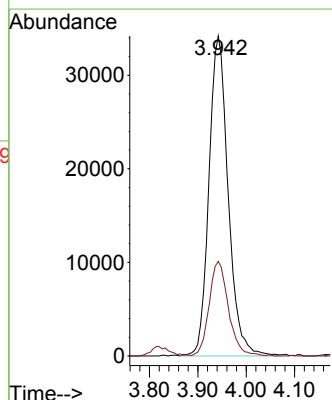
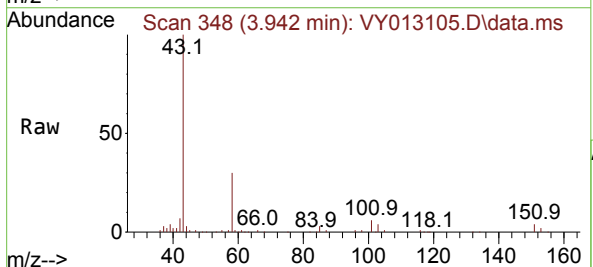
Acq: 27 Mar 2023 20:24

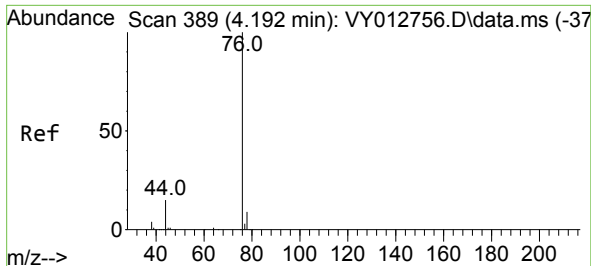
Tgt Ion: 43 Resp: 94393

Ion Ratio Lower Upper

43 100

58 29.5 24.2 36.2

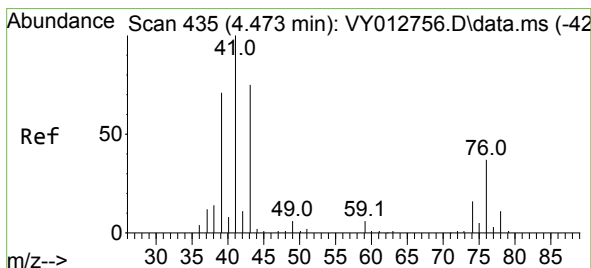
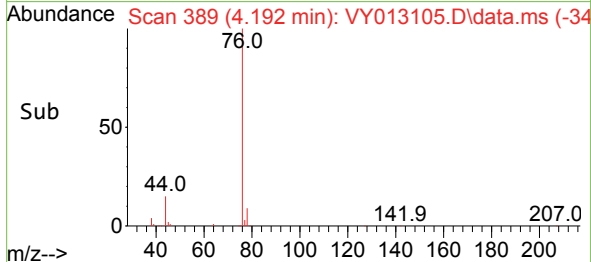
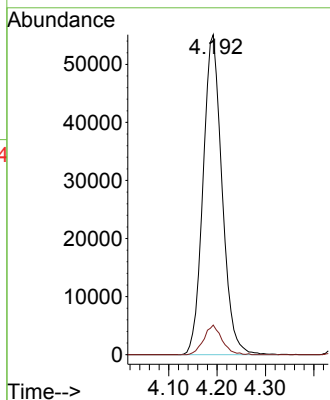
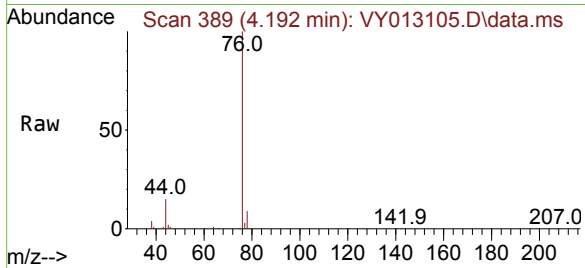




#17
Carbon Disulfide
Concen: 44.144 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY013105.D
Acq: 27 Mar 2023 20:24

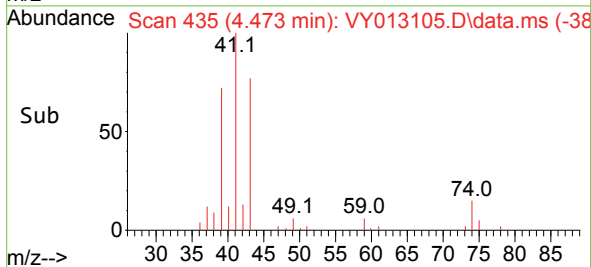
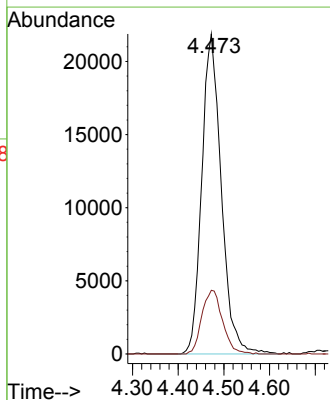
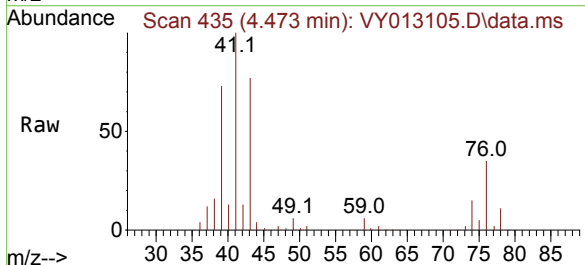
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

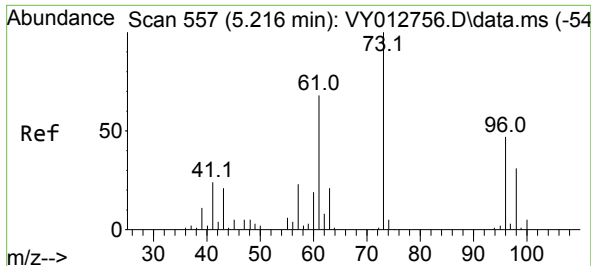
Tgt Ion: 76 Resp: 150065
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



#18
Methyl Acetate
Concen: 57.633 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY013105.D
Acq: 27 Mar 2023 20:24

Tgt Ion: 43 Resp: 64868
Ion Ratio Lower Upper
43 100
74 21.1 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 55.725 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY013105.D

Acq: 27 Mar 2023 20:24

Instrument :

MSVOA_Y

ClientSampleId :

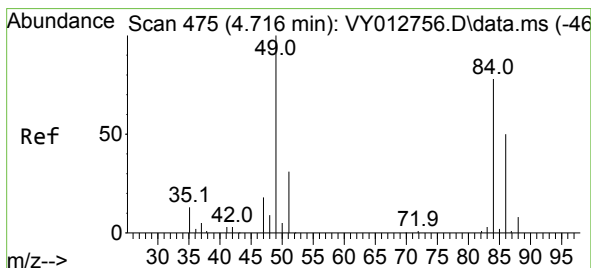
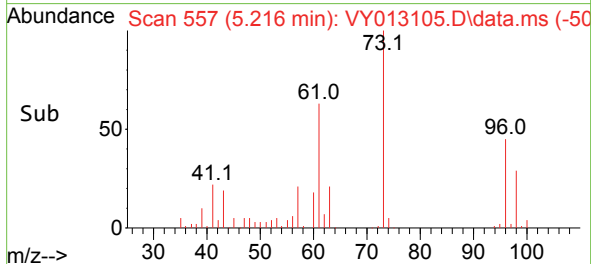
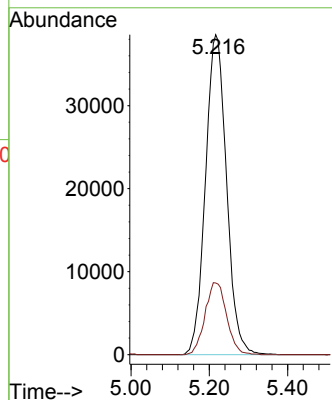
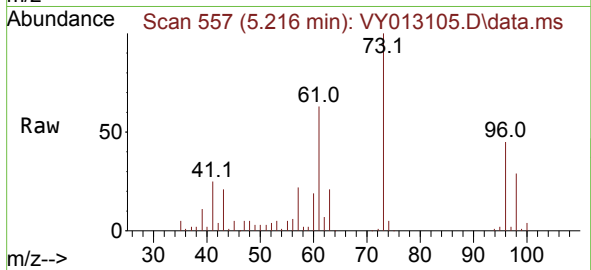
VSTDCCC050EC

Tgt Ion: 73 Resp: 143748

Ion Ratio Lower Upper

73 100

57 22.4 18.3 27.5



#20

Methylene Chloride

Concen: 55.003 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY013105.D

Acq: 27 Mar 2023 20:24

Tgt Ion: 84 Resp: 62817

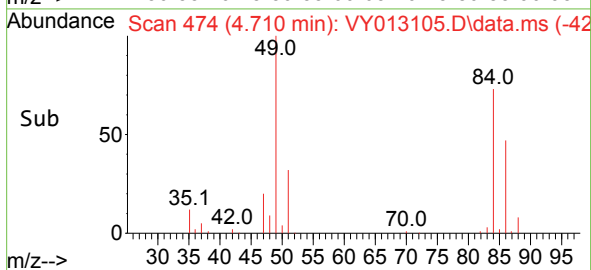
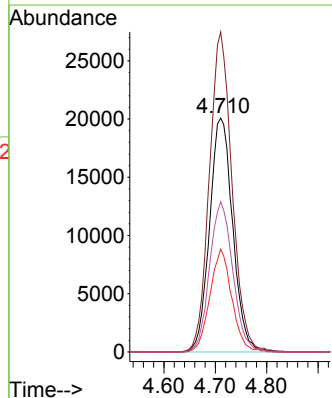
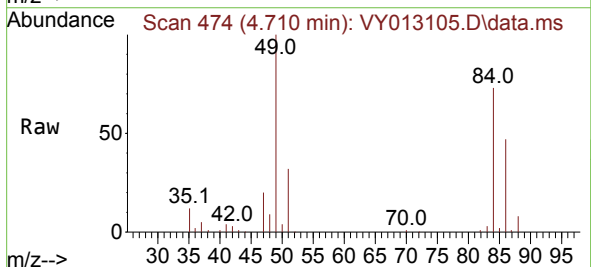
Ion Ratio Lower Upper

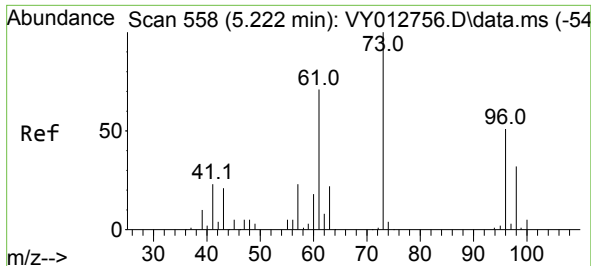
84 100

49 136.8 102.6 154.0

51 43.9 31.9 47.9

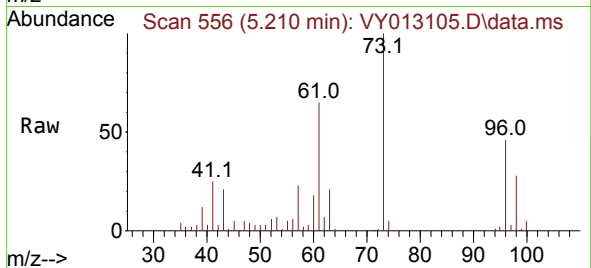
86 64.2 51.0 76.6



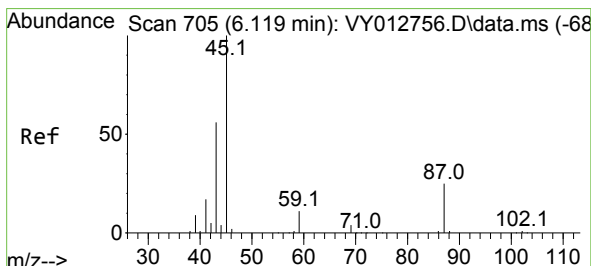
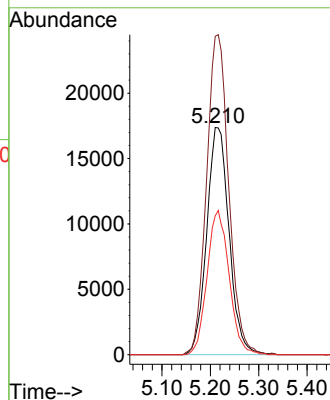
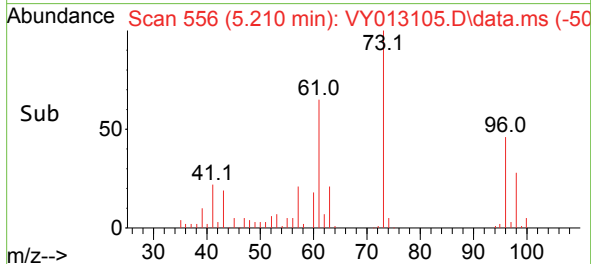


#21
trans-1,2-Dichloroethene
Concen: 51.413 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY013105.D
Acq: 27 Mar 2023 20:24

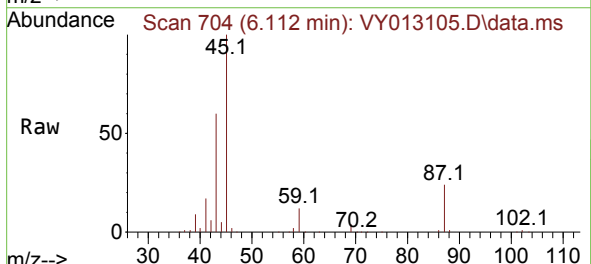
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



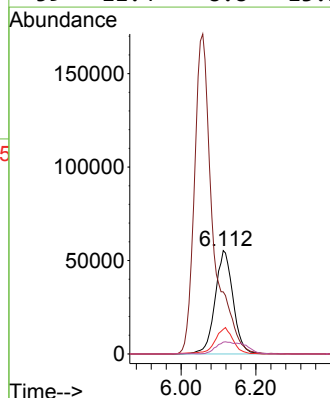
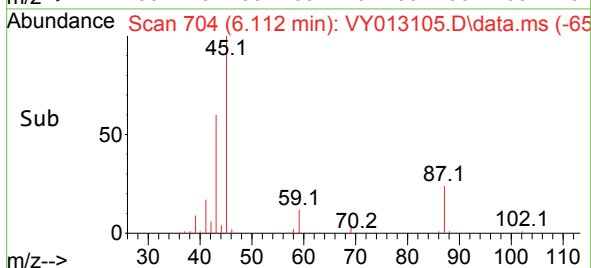
Tgt Ion: 96 Resp: 55798
Ion Ratio Lower Upper
96 100
61 140.1 111.4 167.0
98 61.1 50.8 76.2

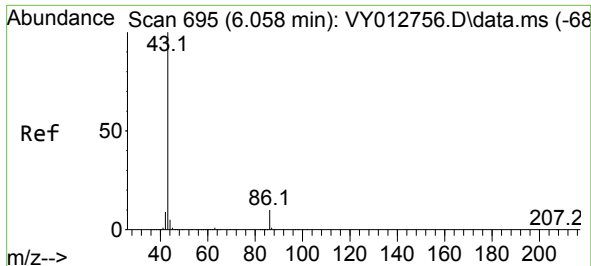


#22
Diisopropyl ether
Concen: 55.020 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.007 min
Lab File: VY013105.D
Acq: 27 Mar 2023 20:24



Tgt Ion: 45 Resp: 184355
Ion Ratio Lower Upper
45 100
43 59.7 45.0 67.6
87 23.9 20.3 30.5
59 11.4 8.8 13.2

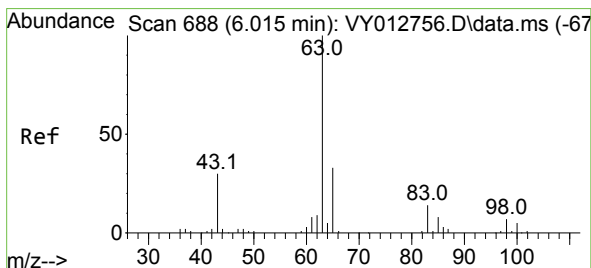
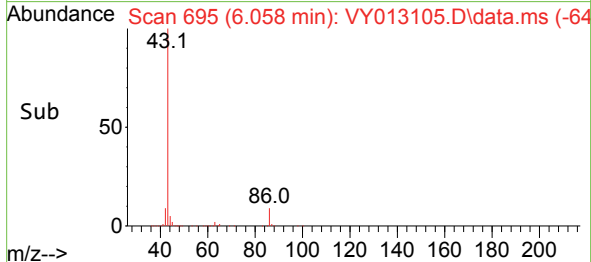
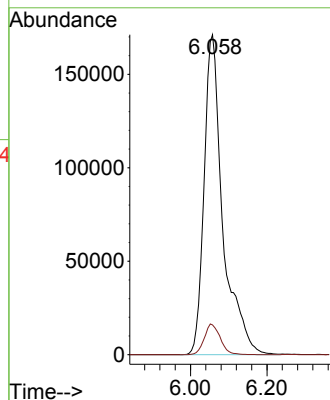
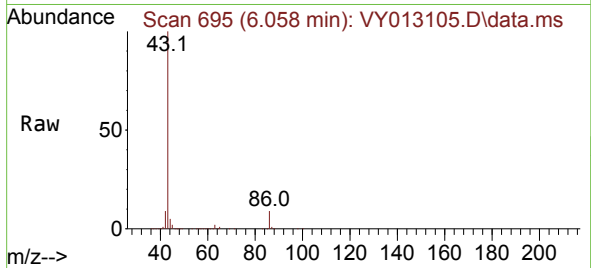




#23
 Vinyl Acetate
 Concen: 280.203 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VY013105.D
 Acq: 27 Mar 2023 20:24

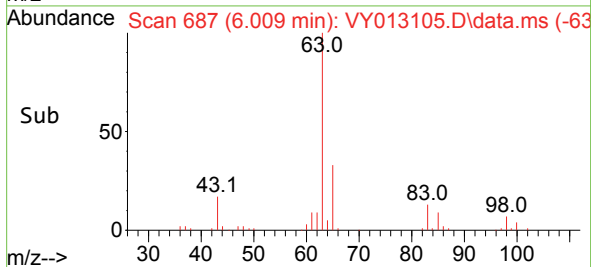
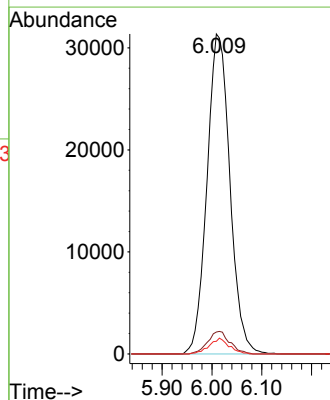
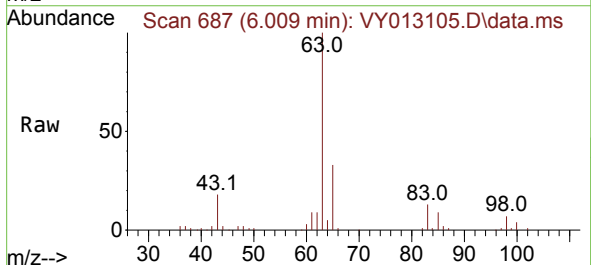
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

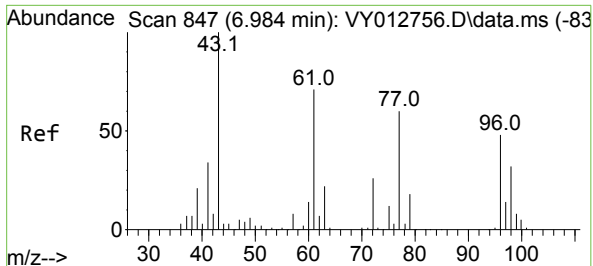
Tgt Ion: 43 Resp: 583364
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 52.433 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY013105.D
 Acq: 27 Mar 2023 20:24

Tgt Ion: 63 Resp: 100113
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.7 11.1
 100 3.9 2.3 6.8





#25

2-Butanone

Concen: 278.558 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013105.D

Acq: 27 Mar 2023 20:24

Instrument :

MSVOA_Y

ClientSampleId :

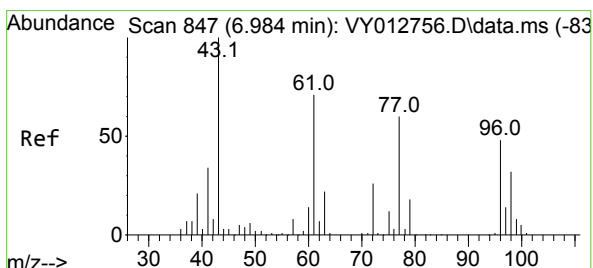
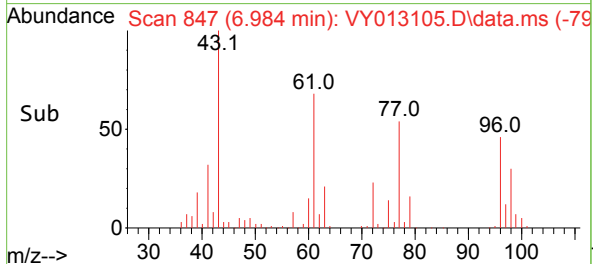
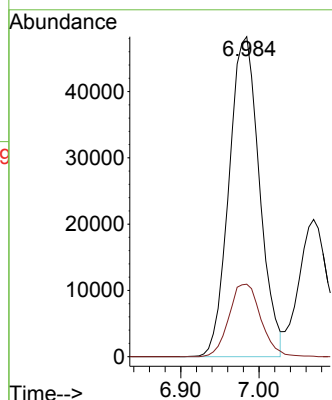
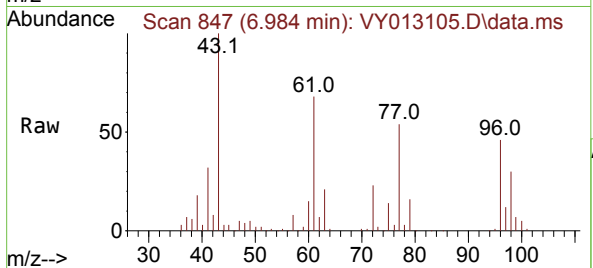
VSTDCCC050EC

Tgt Ion: 43 Resp: 130400

Ion Ratio Lower Upper

43 100

72 22.6 21.0 31.4



#26

2,2-Dichloropropane

Concen: 48.378 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.012 min

Lab File: VY013105.D

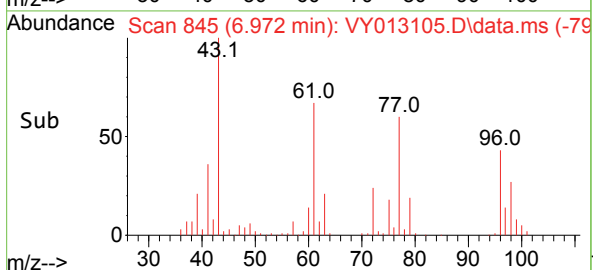
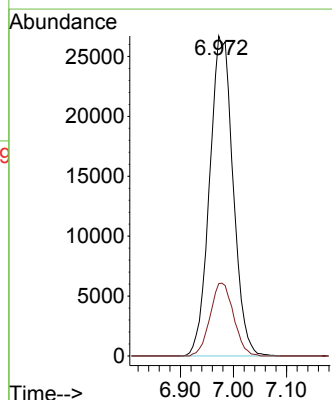
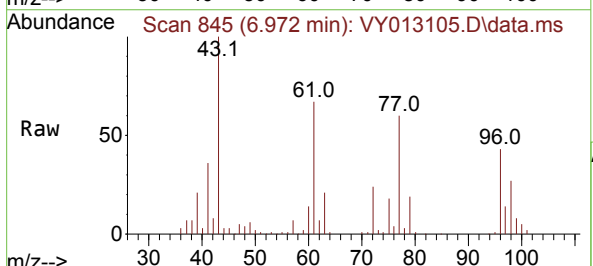
Acq: 27 Mar 2023 20:24

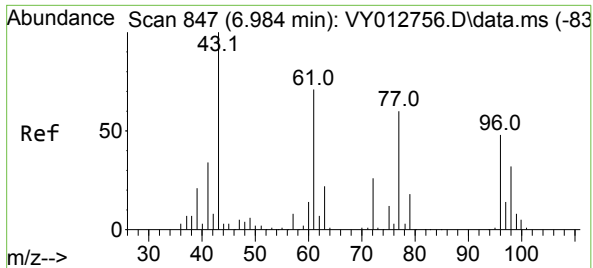
Tgt Ion: 77 Resp: 82039

Ion Ratio Lower Upper

77 100

97 22.8 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 52.990 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013105.D

Acq: 27 Mar 2023 20:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

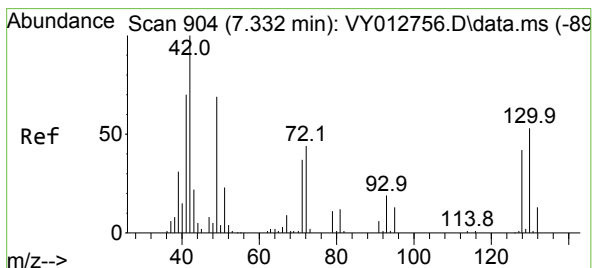
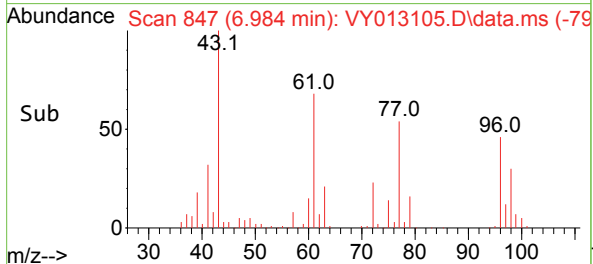
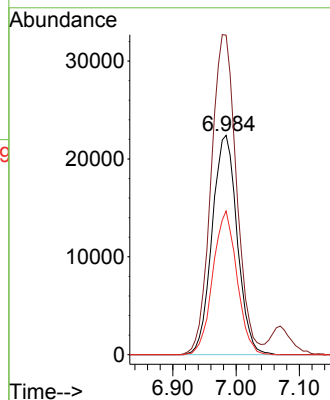
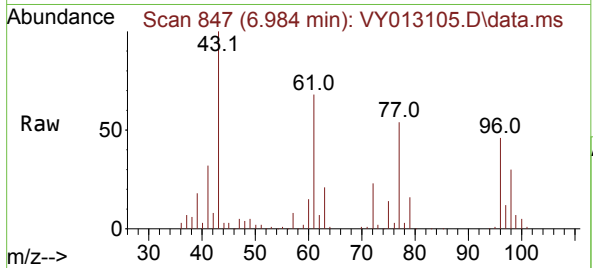
Tgt Ion: 96 Resp: 61658

Ion Ratio Lower Upper

96 100

61 148.1 0.0 295.8

98 63.1 0.0 130.2



#28

Bromochloromethane

Concen: 51.375 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY013105.D

Acq: 27 Mar 2023 20:24

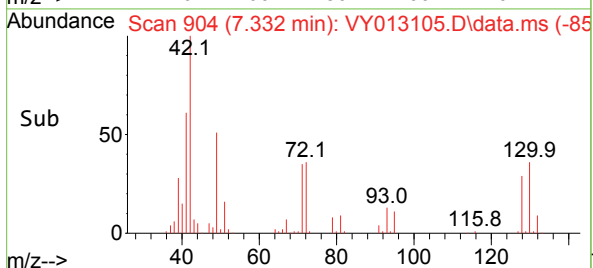
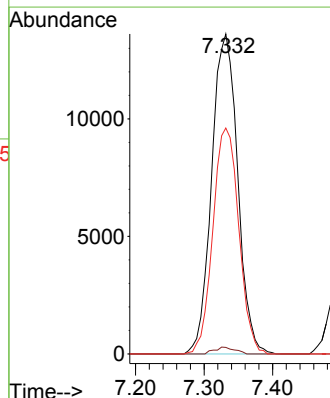
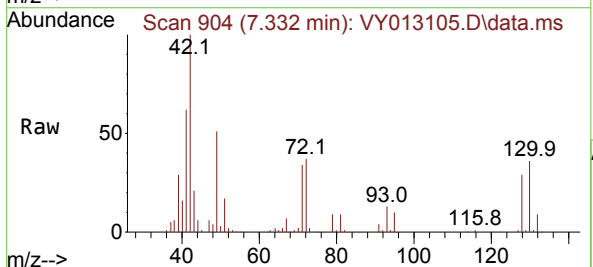
Tgt Ion: 49 Resp: 35847

Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.2

130 70.3 60.5 90.7





#29

Tetrahydrofuran

Concen: 303.263 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY013105.D

Acq: 27 Mar 2023 20:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

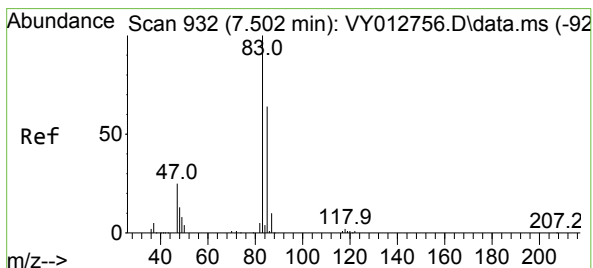
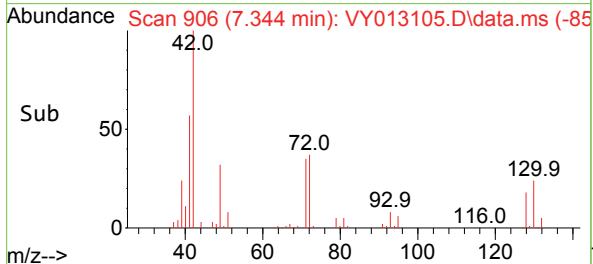
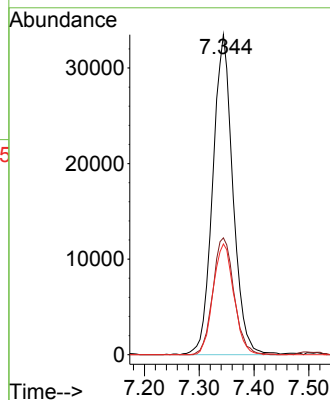
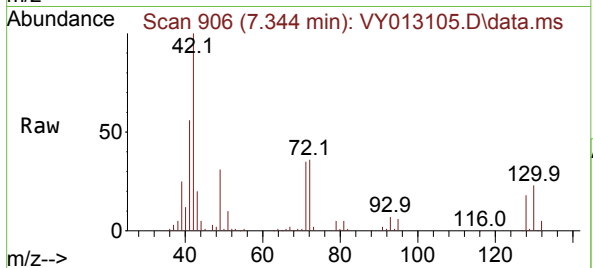
Tgt Ion: 42 Resp: 85622

Ion Ratio Lower Upper

42 100

72 38.3 32.3 48.5

71 35.6 30.3 45.5



#30

Chloroform

Concen: 53.482 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY013105.D

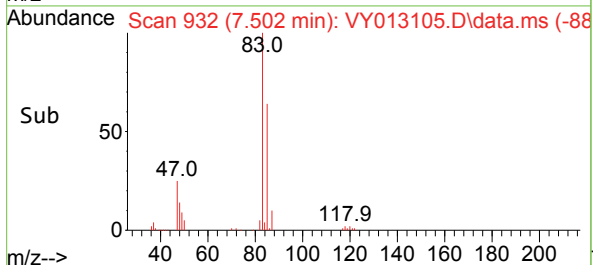
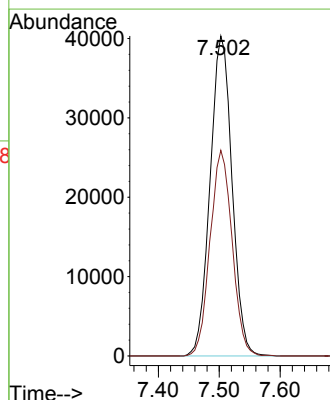
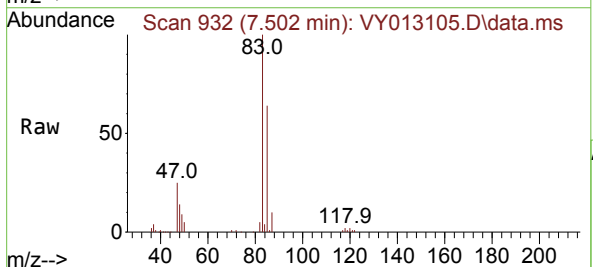
Acq: 27 Mar 2023 20:24

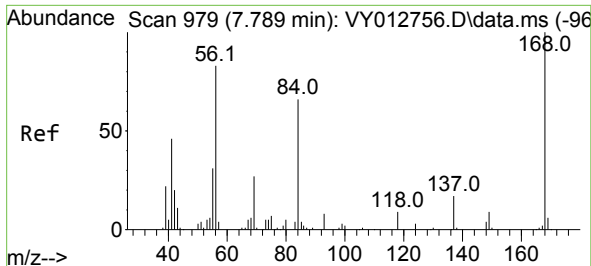
Tgt Ion: 83 Resp: 100864

Ion Ratio Lower Upper

83 100

85 64.3 51.4 77.0

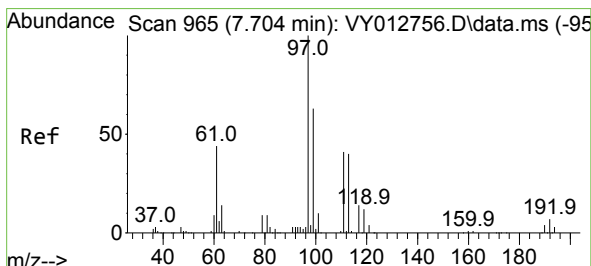
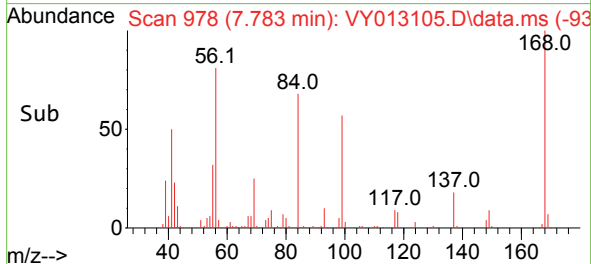
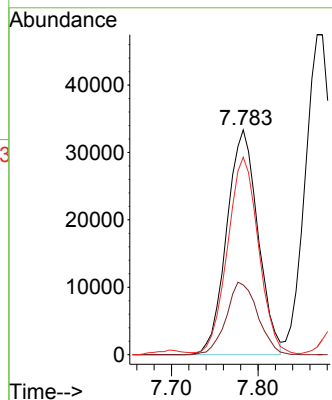
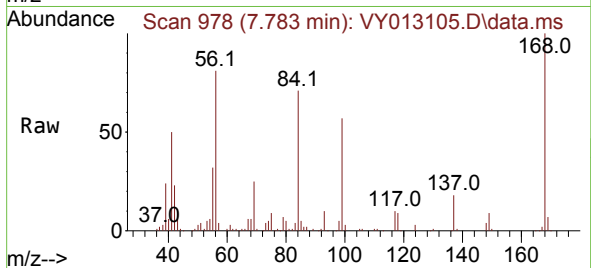




#31
Cyclohexane
Concen: 45.306 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013105.D
Acq: 27 Mar 2023 20:24

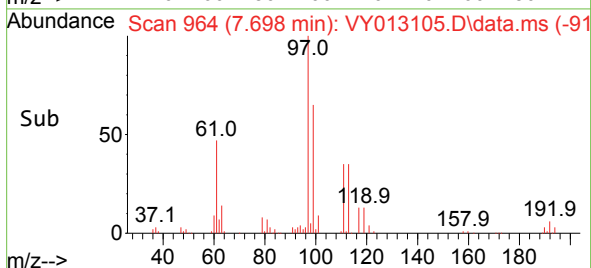
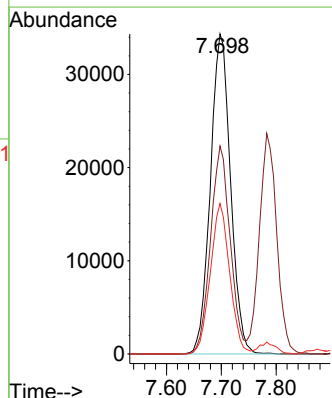
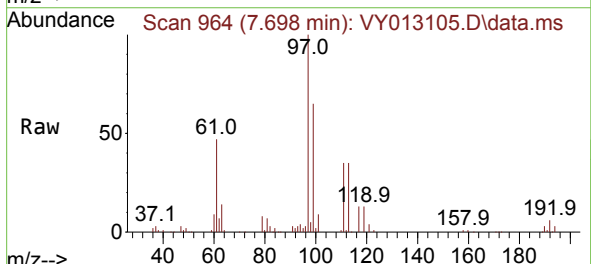
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

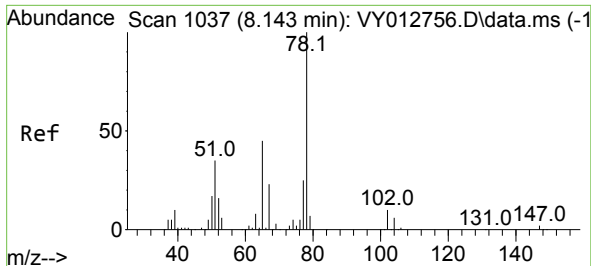
Tgt Ion: 56 Resp: 83551
Ion Ratio Lower Upper
56 100
69 31.1 25.7 38.5
84 86.5 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 51.382 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY013105.D
Acq: 27 Mar 2023 20:24

Tgt Ion: 97 Resp: 87634
Ion Ratio Lower Upper
97 100
99 63.8 51.0 76.6
61 45.1 34.5 51.7

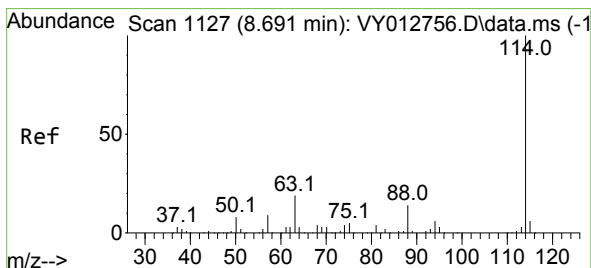
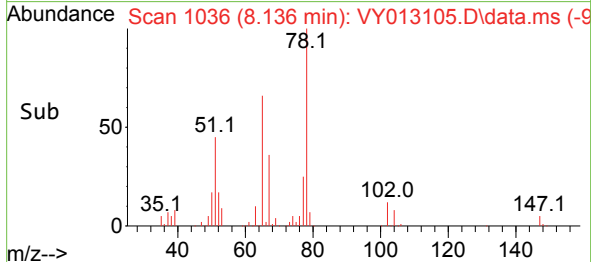
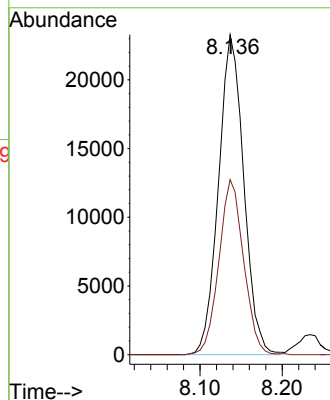
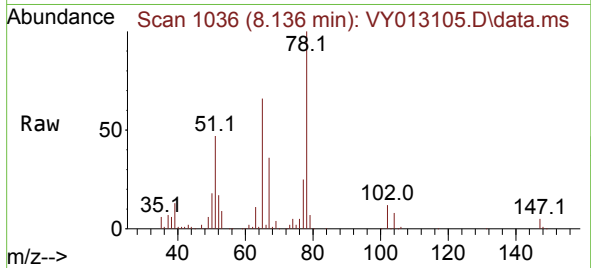




#33
 1,2-Dichloroethane-d4
 Concen: 51.586 ug/l
 RT: 8.136 min Scan# 1103
 Delta R.T. -0.007 min
 Lab File: VY013105.D
 Acq: 27 Mar 2023 20:24

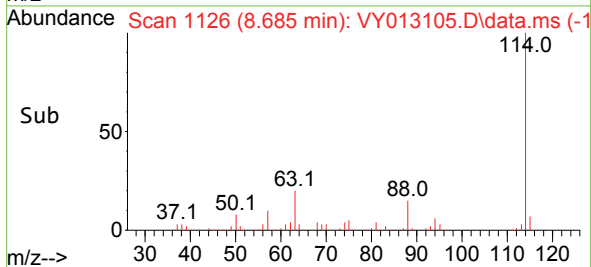
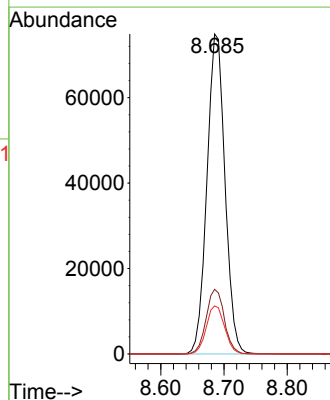
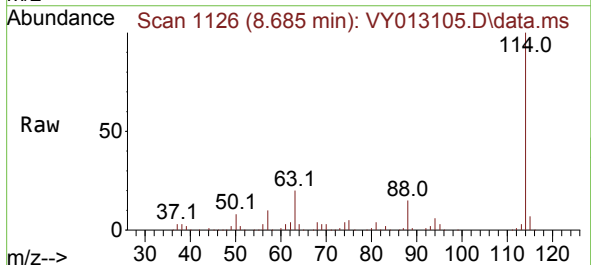
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 49673
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY013105.D
 Acq: 27 Mar 2023 20:24

Tgt Ion:114 Resp: 148445
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 37.4
 88 15.0 0.0 28.6

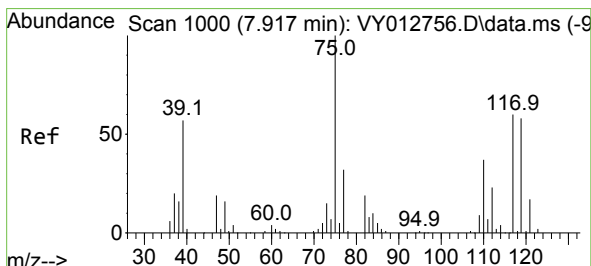
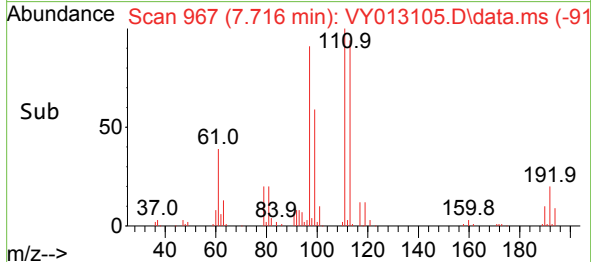
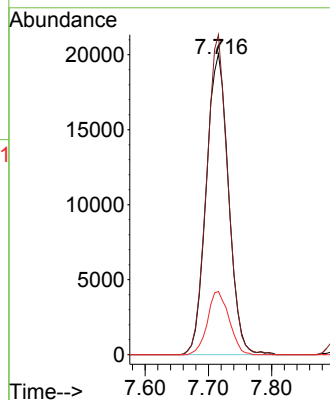
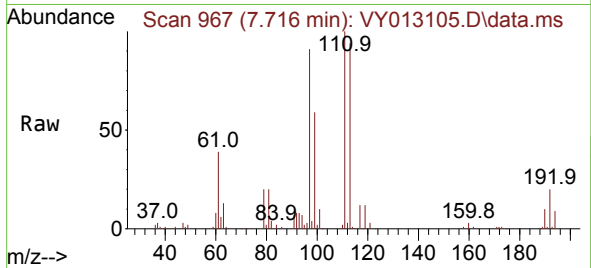




#35
Dibromofluoromethane
Concen: 54.768 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013105.D
Acq: 27 Mar 2023 20:24

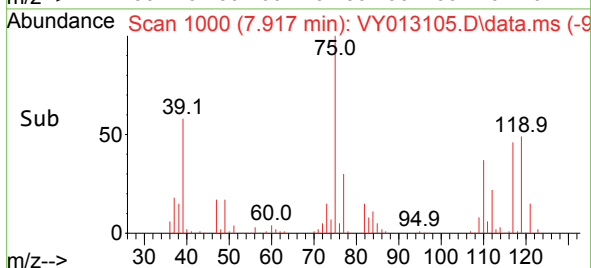
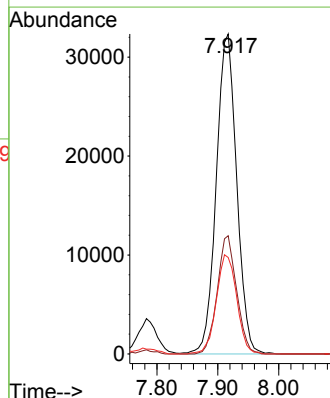
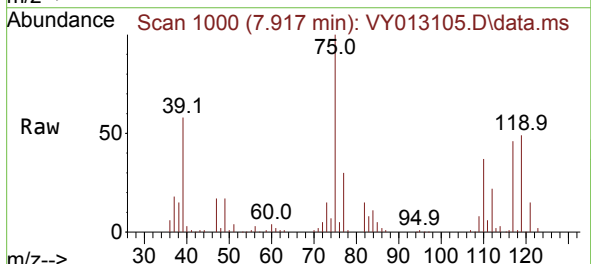
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

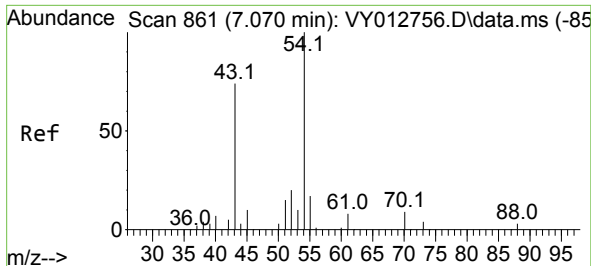
Tgt Ion:113 Resp: 49065
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 20.4 16.8 25.2



#36
1,1-Dichloropropene
Concen: 50.187 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY013105.D
Acq: 27 Mar 2023 20:24

Tgt Ion: 75 Resp: 75345
Ion Ratio Lower Upper
75 100
110 35.0 17.8 53.3
77 31.0 25.0 37.4





#37

Ethyl Acetate

Concen: 58.605 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY013105.D

Acq: 27 Mar 2023 20:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

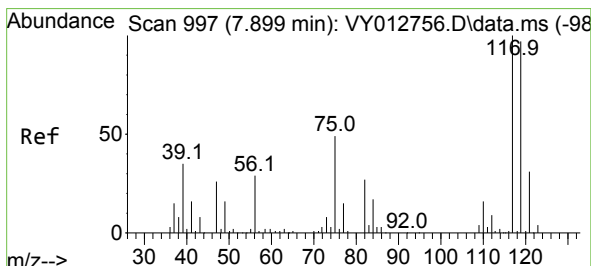
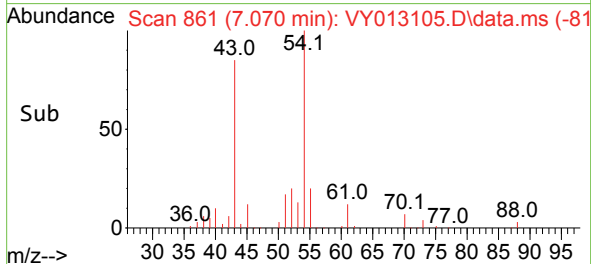
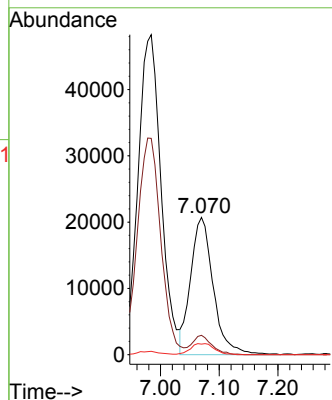
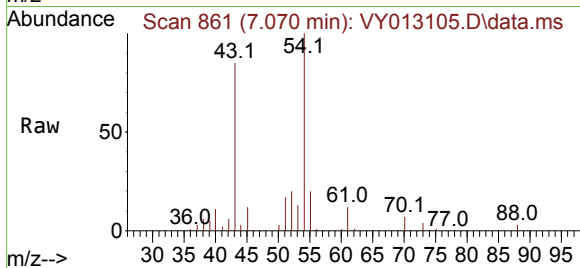
Tgt Ion: 43 Resp: 55454

Ion Ratio Lower Upper

43 100

61 12.5 10.7 16.1

70 8.5 7.8 11.8



#38

Carbon Tetrachloride

Concen: 51.547 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY013105.D

Acq: 27 Mar 2023 20:24

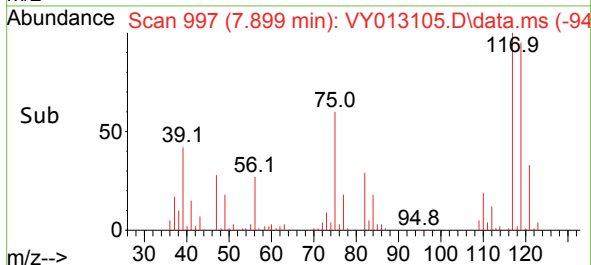
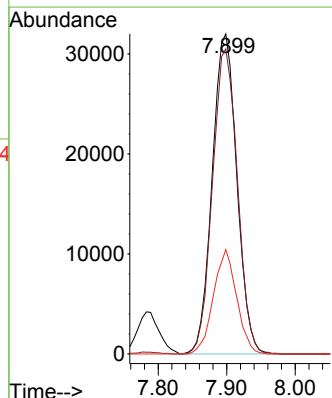
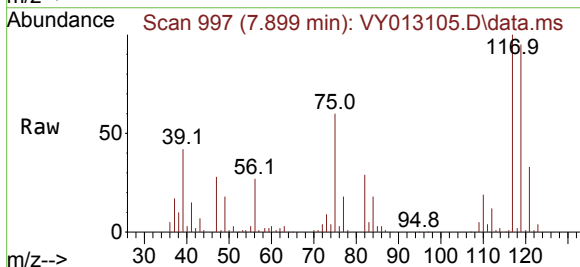
Tgt Ion: 117 Resp: 79913

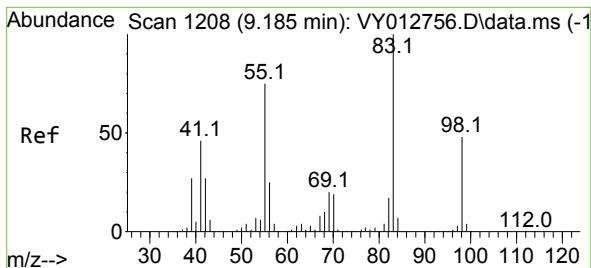
Ion Ratio Lower Upper

117 100

119 95.4 77.2 115.8

121 32.6 24.7 37.1





#39

Methylcyclohexane

Concen: 48.365 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013105.D

Acq: 27 Mar 2023 20:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

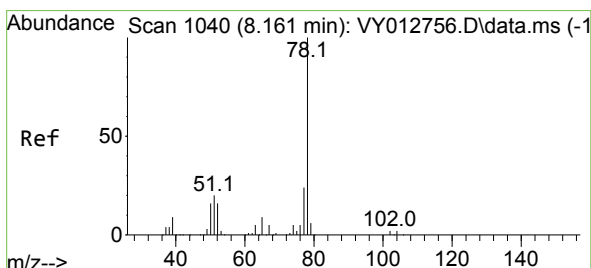
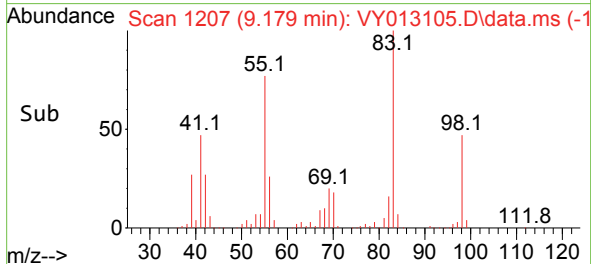
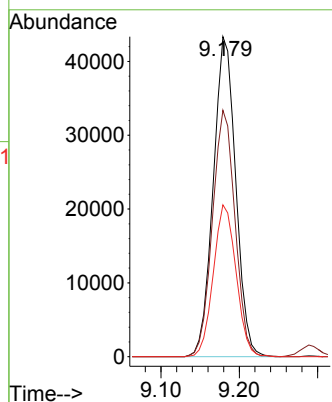
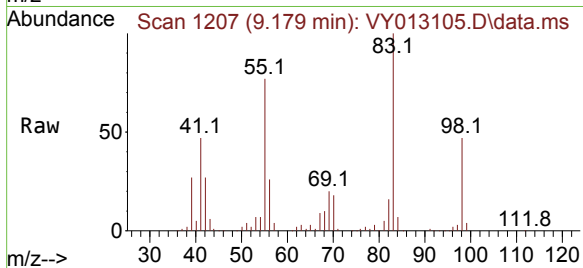
Tgt Ion: 83 Resp: 86323

Ion Ratio Lower Upper

83 100

55 77.0 60.0 90.0

98 47.5 38.3 57.5



#40

Benzene

Concen: 50.723 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY013105.D

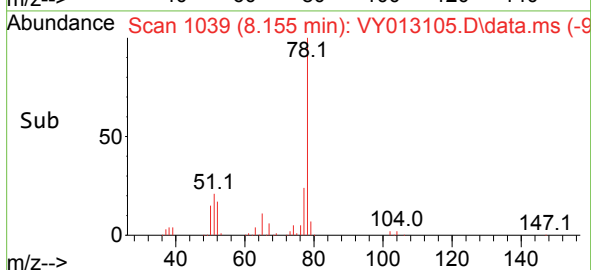
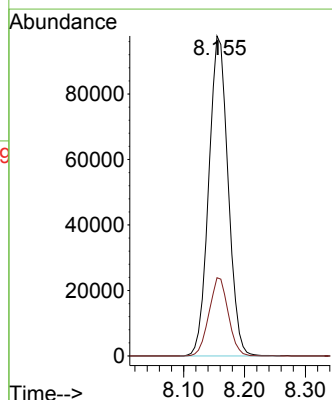
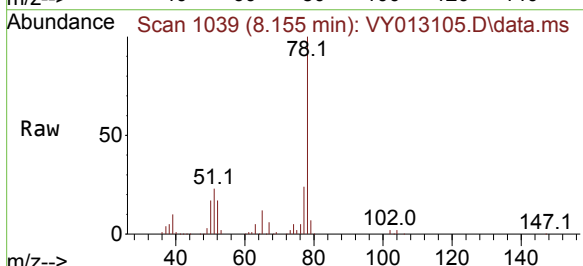
Acq: 27 Mar 2023 20:24

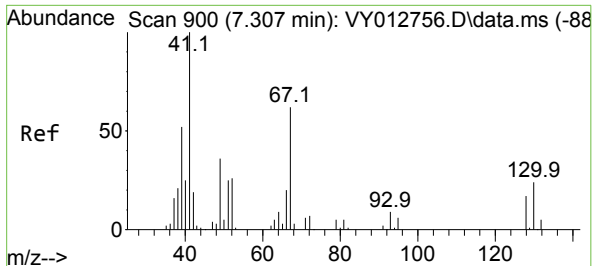
Tgt Ion: 78 Resp: 215406

Ion Ratio Lower Upper

78 100

77 24.5 19.4 29.0

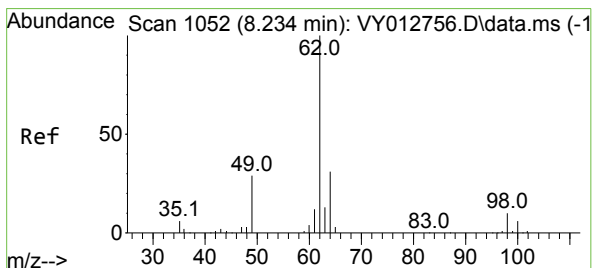
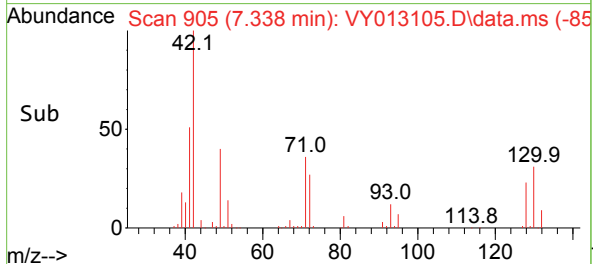
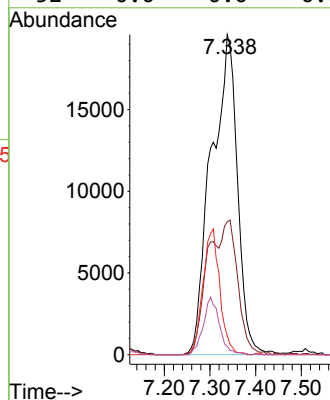
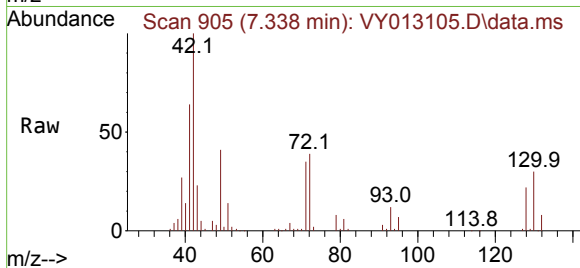




#41
Methacrylonitrile
Concen: 152.605 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.031 min
Lab File: VY013105.D
Acq: 27 Mar 2023 20:24

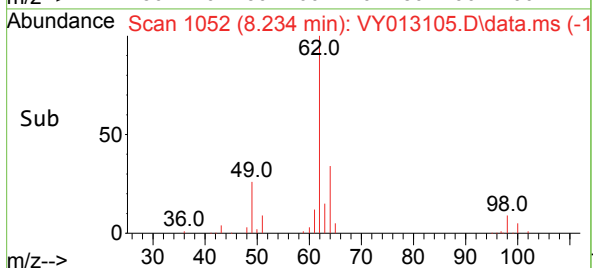
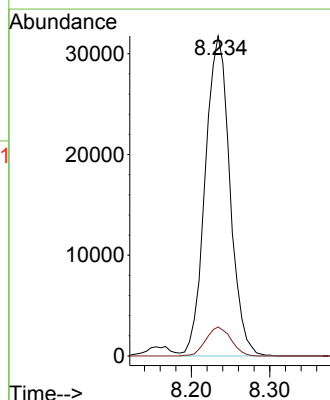
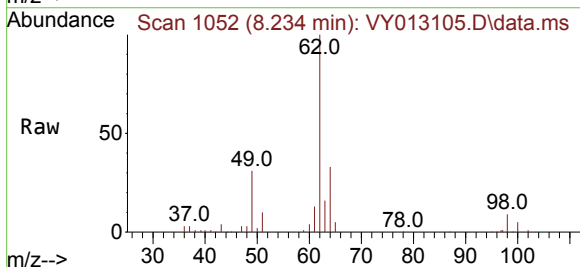
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

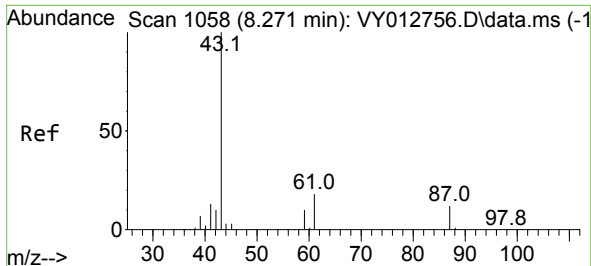
Tgt Ion:	41	Resp:	77798
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 54.407 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013105.D
Acq: 27 Mar 2023 20:24

Tgt Ion:	62	Resp:	69464
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.8

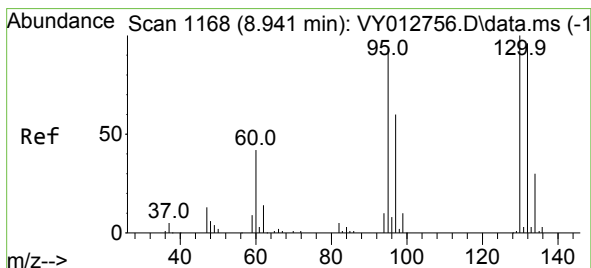
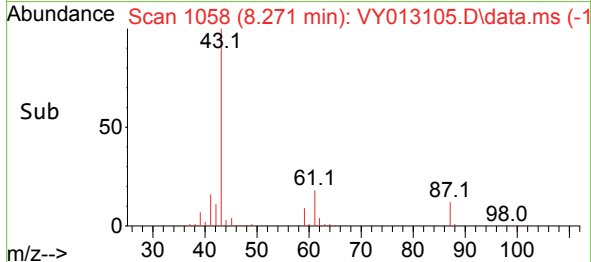
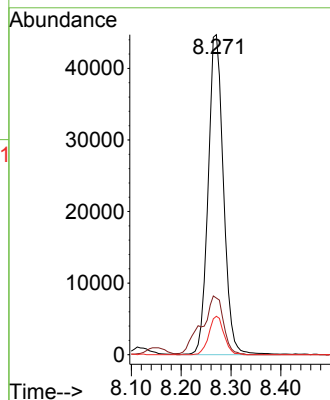
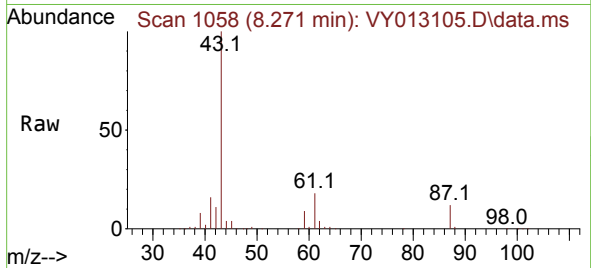




#43
Isopropyl Acetate
Concen: 56.475 ug/l
RT: 8.271 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VY013105.D
Acq: 27 Mar 2023 20:24

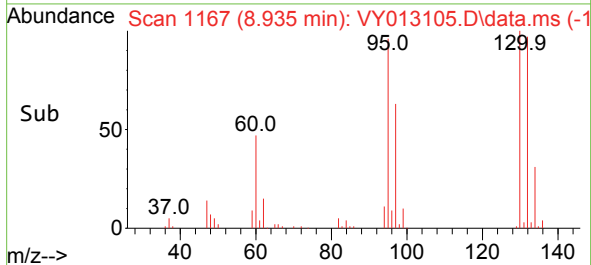
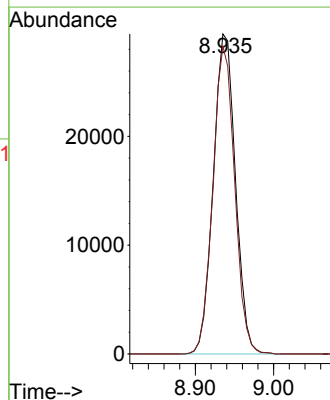
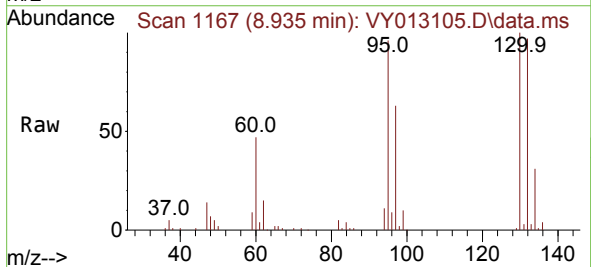
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

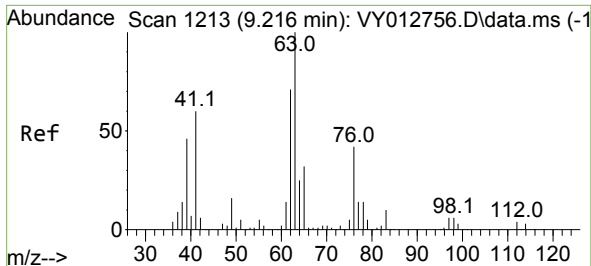
Tgt Ion: 43 Resp: 95341
Ion Ratio Lower Upper
43 100
61 26.3 21.6 32.4
87 11.8 9.9 14.9



#44
Trichloroethene
Concen: 51.761 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY013105.D
Acq: 27 Mar 2023 20:24

Tgt Ion: 130 Resp: 57954
Ion Ratio Lower Upper
130 100
95 96.1 0.0 185.0

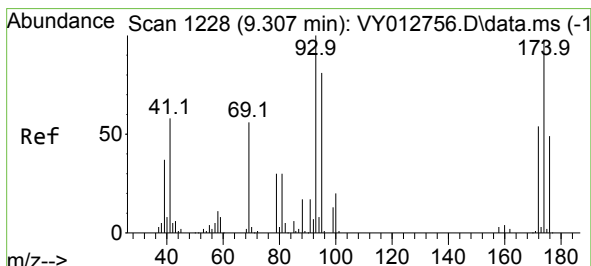
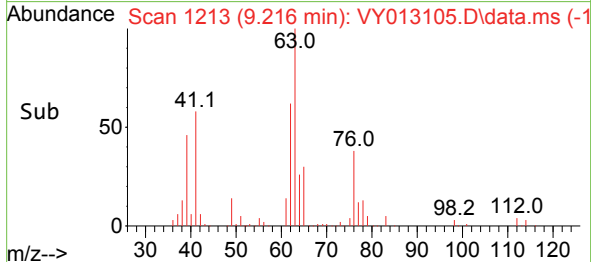
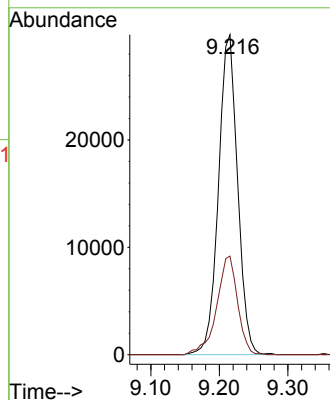
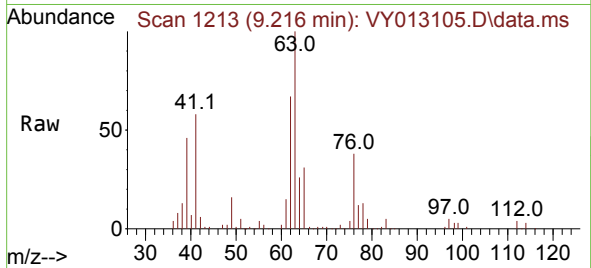




#45
1,2-Dichloropropane
Concen: 53.669 ug/l
RT: 9.216 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013105.D
Acq: 27 Mar 2023 20:24

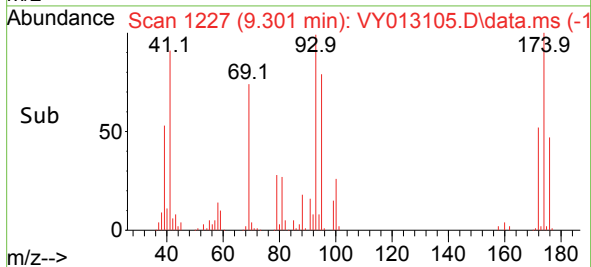
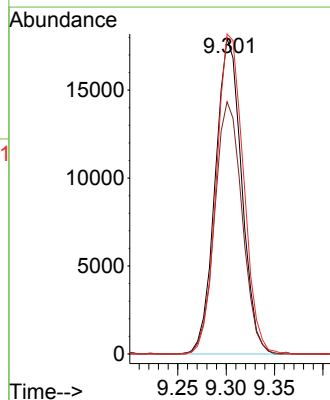
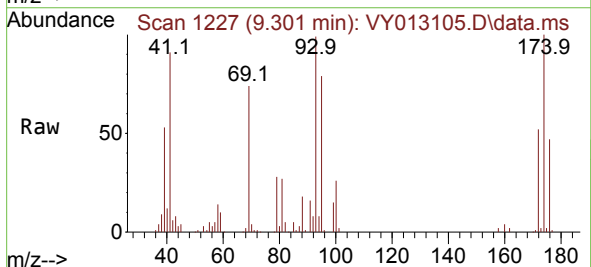
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

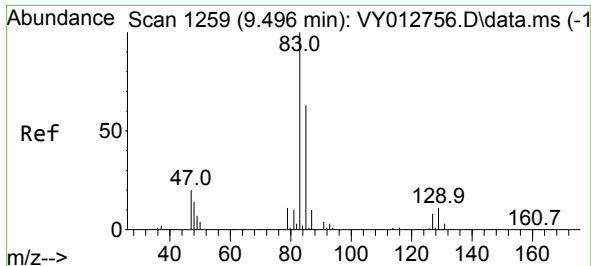
Tgt Ion: 63 Resp: 57600
Ion Ratio Lower Upper
63 100
65 30.8 25.7 38.5



#46
Dibromomethane
Concen: 55.511 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY013105.D
Acq: 27 Mar 2023 20:24

Tgt Ion: 93 Resp: 33941
Ion Ratio Lower Upper
93 100
95 82.9 65.6 98.4
174 103.9 81.3 121.9

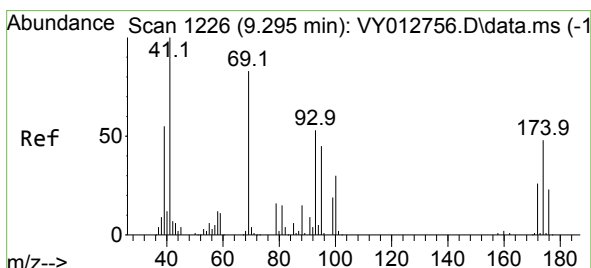
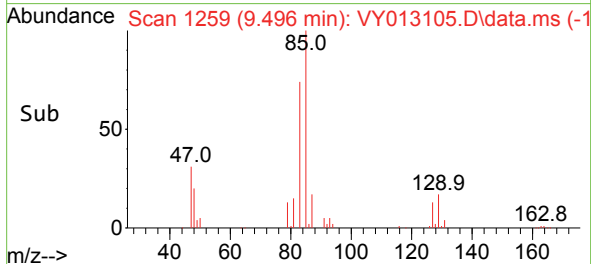
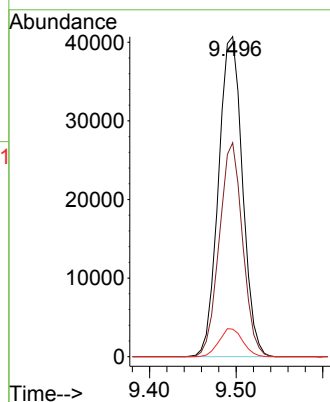
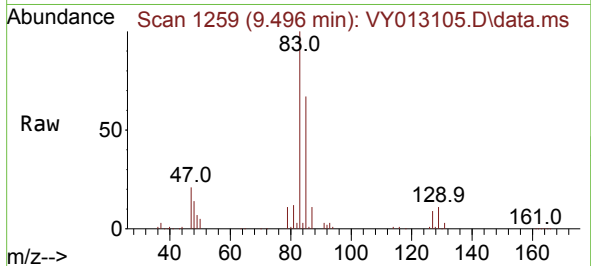




#47
Bromodichloromethane
Concen: 54.313 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY013105.D
Acq: 27 Mar 2023 20:24

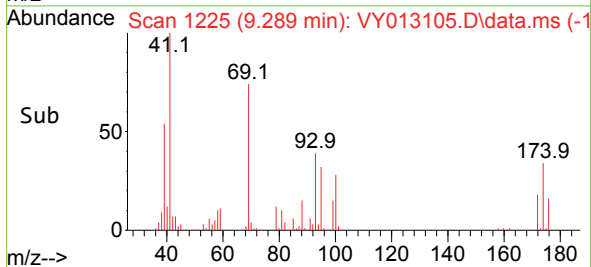
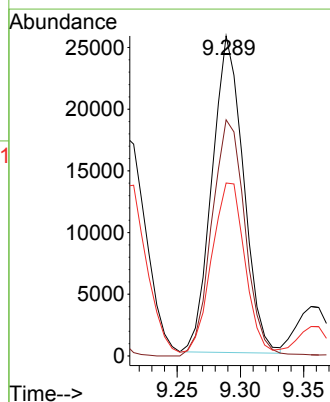
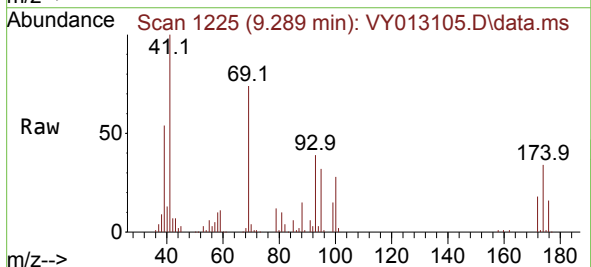
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

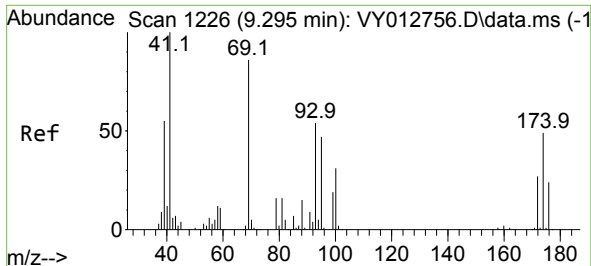
Tgt Ion: 83 Resp: 78258
Ion Ratio Lower Upper
83 100
85 66.9 50.2 75.4
127 8.6 6.3 9.5



#48
Methyl methacrylate
Concen: 56.933 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY013105.D
Acq: 27 Mar 2023 20:24

Tgt Ion: 41 Resp: 44287
Ion Ratio Lower Upper
41 100
69 79.5 64.1 96.1
39 56.1 44.0 66.0





#49

1,4-Dioxane

Concen: 1250.207 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.006 min

Lab File: VY013105.D

Acq: 27 Mar 2023 20:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

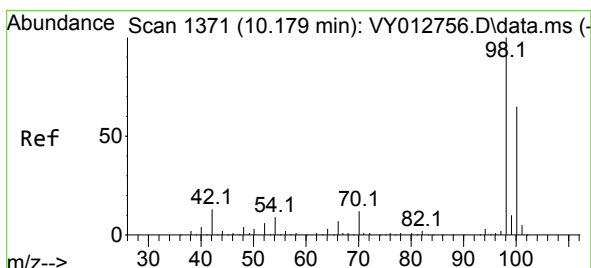
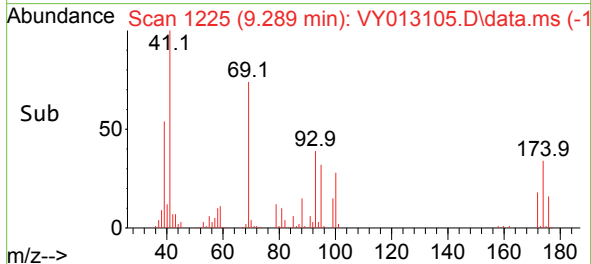
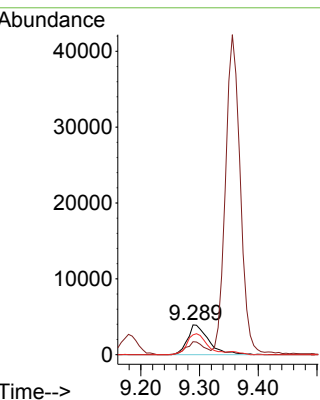
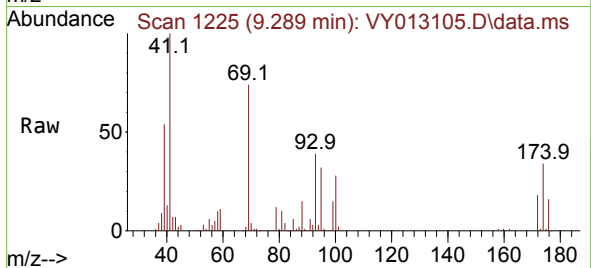
Tgt Ion: 88 Resp: 9882

Ion Ratio Lower Upper

88 100

43 36.9 28.6 42.8

58 66.1 55.2 82.8



#50

Toluene-d8

Concen: 47.324 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY013105.D

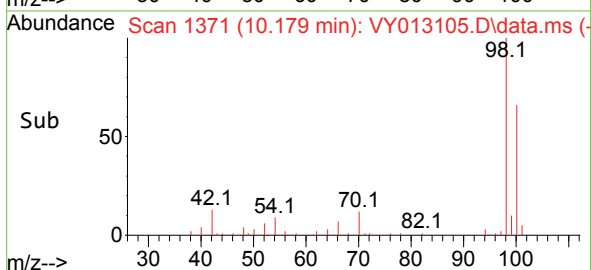
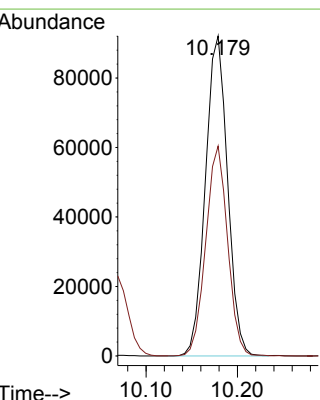
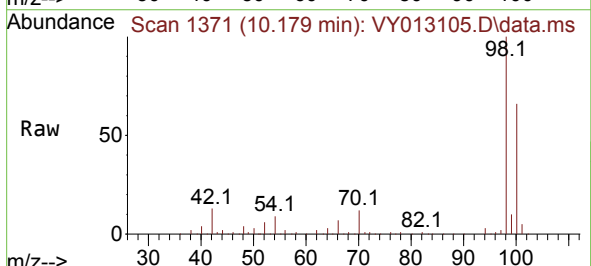
Acq: 27 Mar 2023 20:24

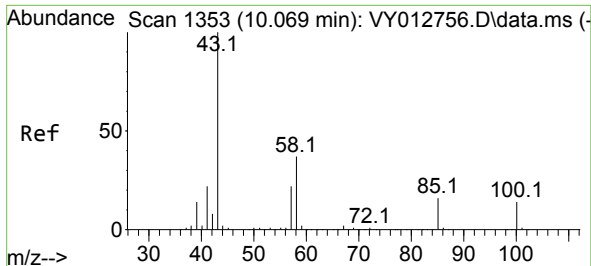
Tgt Ion: 98 Resp: 154990

Ion Ratio Lower Upper

98 100

100 64.8 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 303.873 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY013105.D

Acq: 27 Mar 2023 20:24

Instrument :

MSVOA_Y

ClientSampleId :

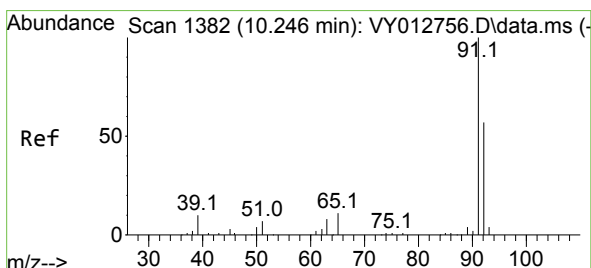
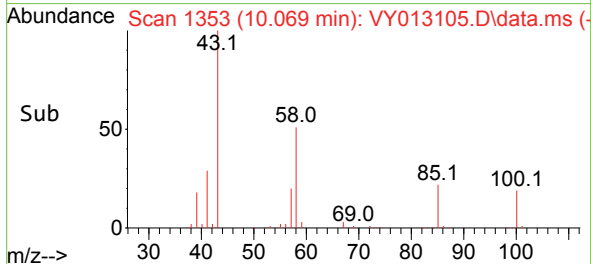
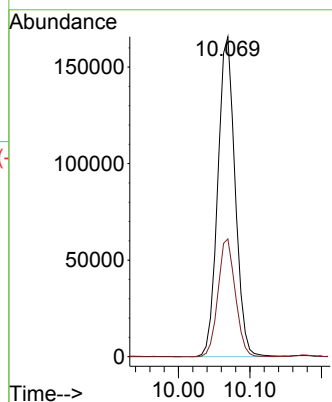
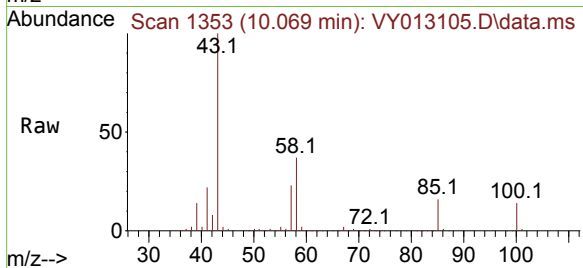
VSTDCCC050EC

Tgt Ion: 43 Resp: 278267

Ion Ratio Lower Upper

43 100

58 36.8 29.8 44.6



#52

Toluene

Concen: 53.252 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. -0.006 min

Lab File: VY013105.D

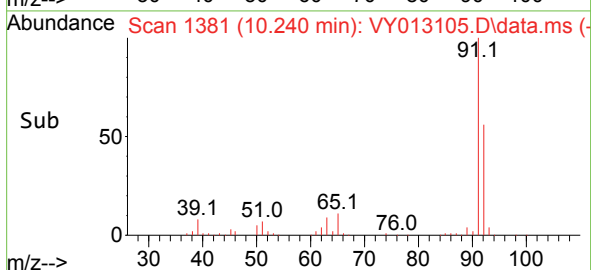
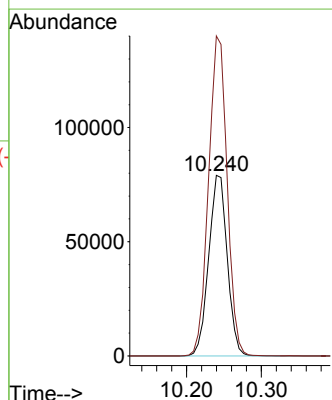
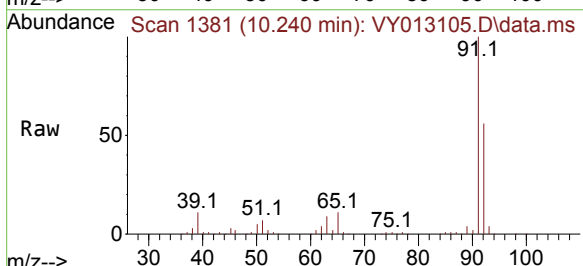
Acq: 27 Mar 2023 20:24

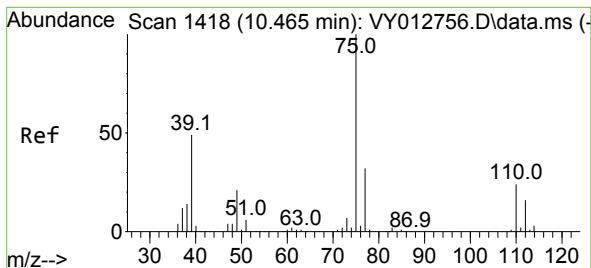
Tgt Ion: 92 Resp: 136383

Ion Ratio Lower Upper

92 100

91 177.4 141.3 211.9

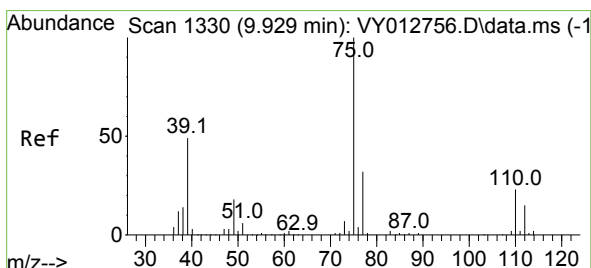
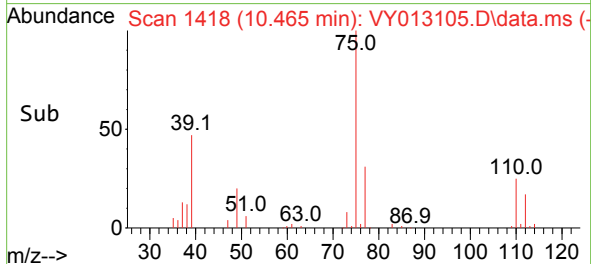
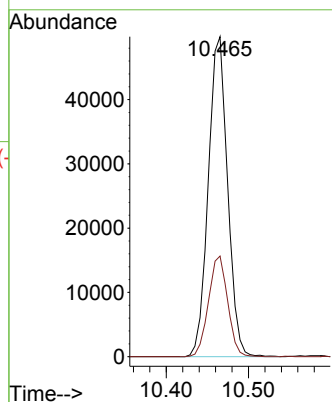
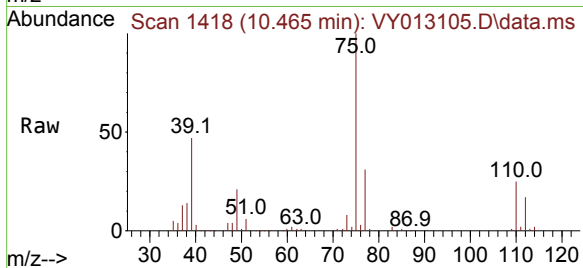




#53
t-1,3-Dichloropropene
Concen: 53.632 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013105.D
Acq: 27 Mar 2023 20:24

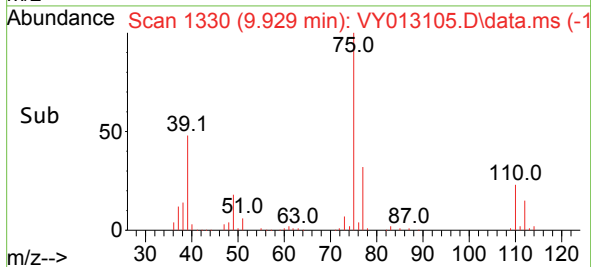
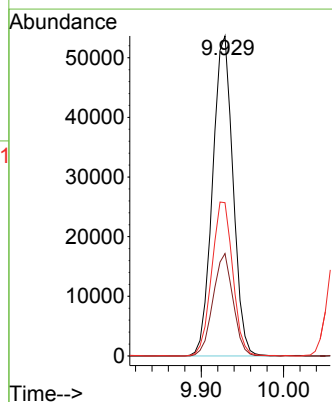
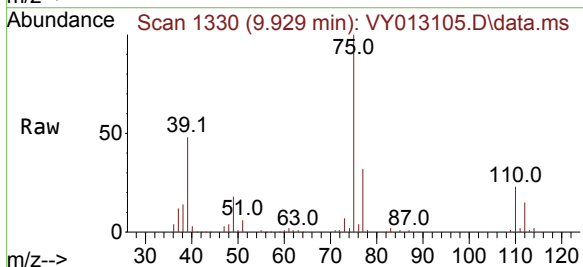
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

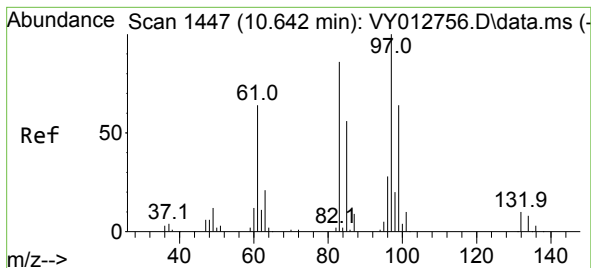
Tgt Ion: 75 Resp: 81056
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 54.069 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY013105.D
Acq: 27 Mar 2023 20:24

Tgt Ion: 75 Resp: 92492
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0
39 47.9 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 55.143 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY013105.D

Acq: 27 Mar 2023 20:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 46955

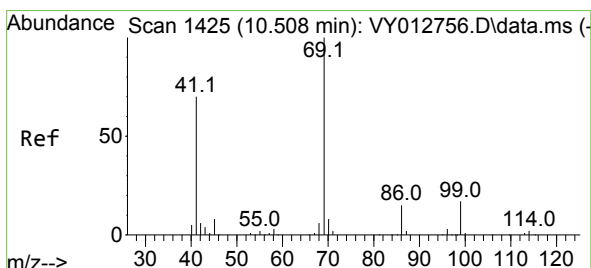
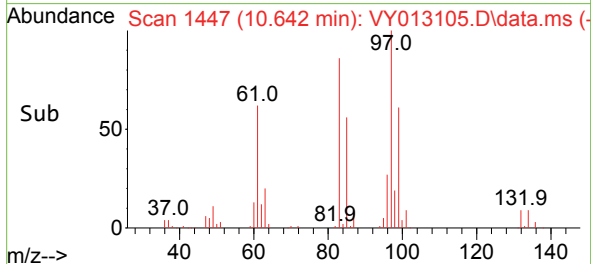
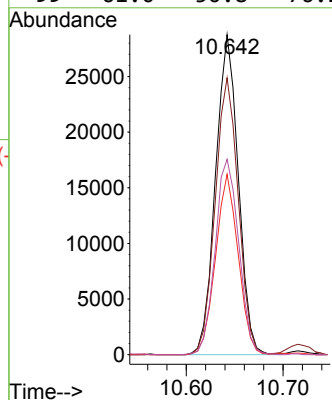
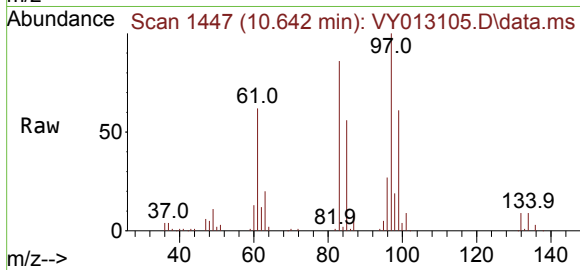
Ion Ratio Lower Upper

97 100

83 86.5 69.0 103.6

85 56.4 44.9 67.3

99 61.0 50.8 76.2



#56

Ethyl methacrylate

Concen: 57.513 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY013105.D

Acq: 27 Mar 2023 20:24

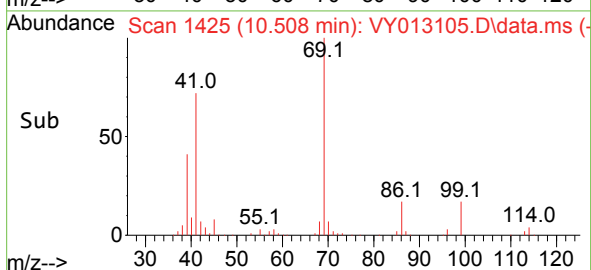
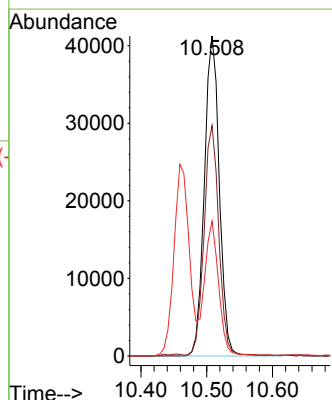
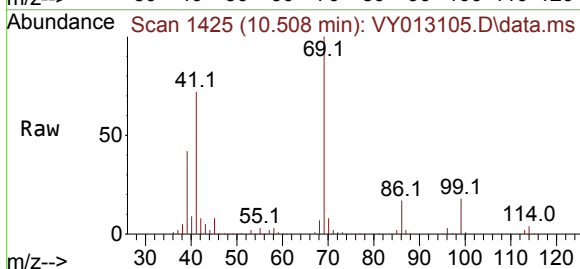
Tgt Ion: 69 Resp: 65300

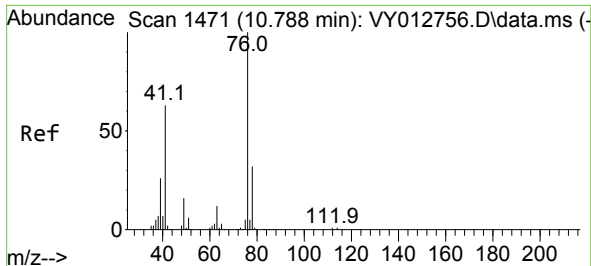
Ion Ratio Lower Upper

69 100

41 70.5 56.4 84.6

39 40.0 30.8 46.2





#57

1,3-Dichloropropane

Concen: 55.587 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013105.D

Acq: 27 Mar 2023 20:24

Instrument :

MSVOA_Y

ClientSampleId :

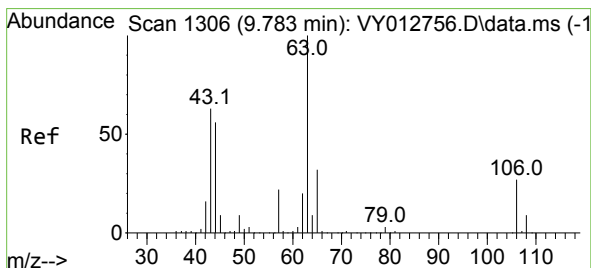
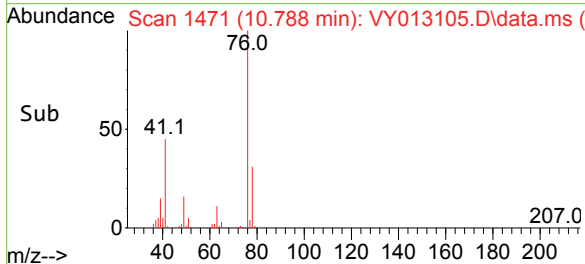
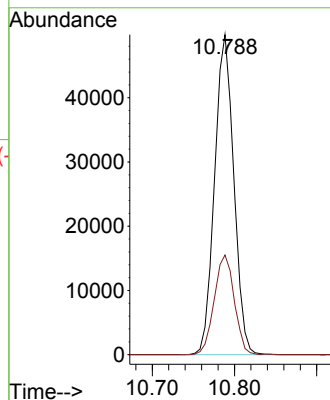
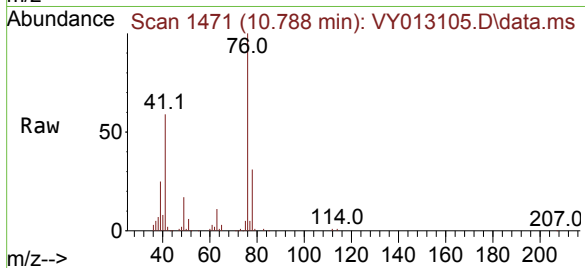
VSTDCCC050EC

Tgt Ion: 76 Resp: 80620

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 275.812 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY013105.D

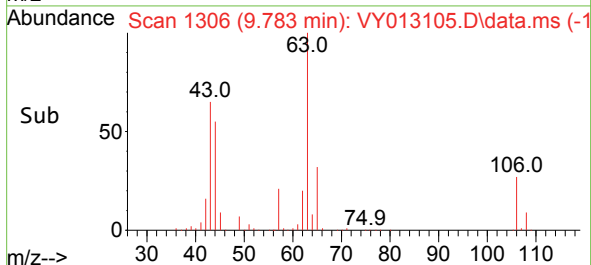
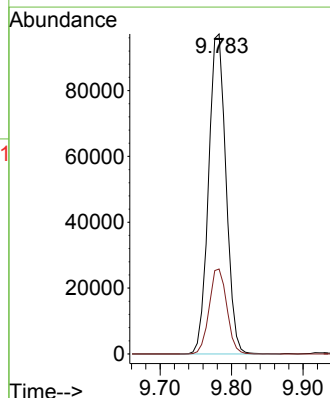
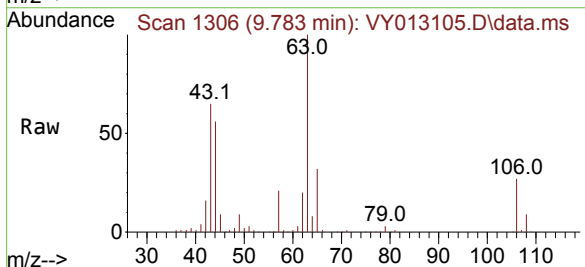
Acq: 27 Mar 2023 20:24

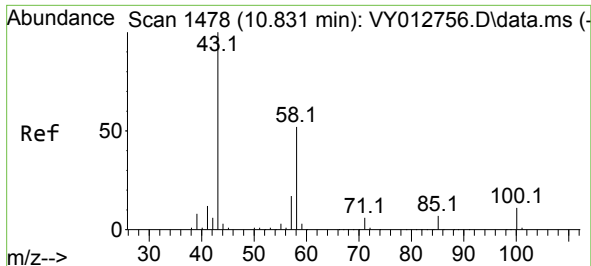
Tgt Ion: 63 Resp: 164394

Ion Ratio Lower Upper

63 100

106 26.9 22.1 33.1





#59

2-Hexanone

Concen: 300.884 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY013105.D

Acq: 27 Mar 2023 20:24

Instrument :

MSVOA_Y

ClientSampleId :

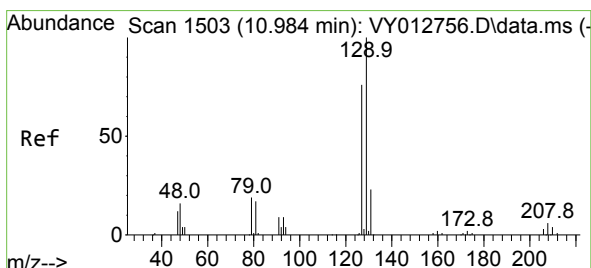
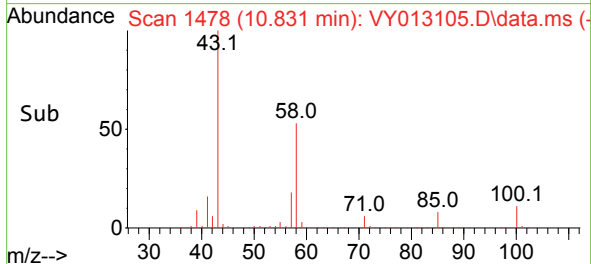
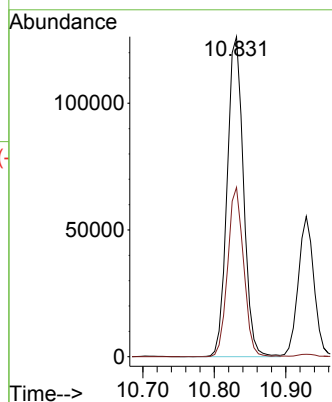
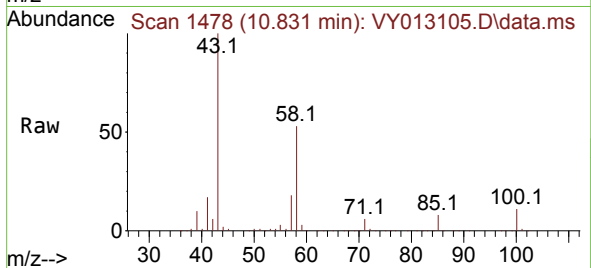
VSTDCCC050EC

Tgt Ion: 43 Resp: 200250

Ion Ratio Lower Upper

43 100

58 51.7 25.9 77.8



#60

Dibromochloromethane

Concen: 54.954 ug/l

RT: 10.984 min Scan# 1503

Delta R.T. 0.000 min

Lab File: VY013105.D

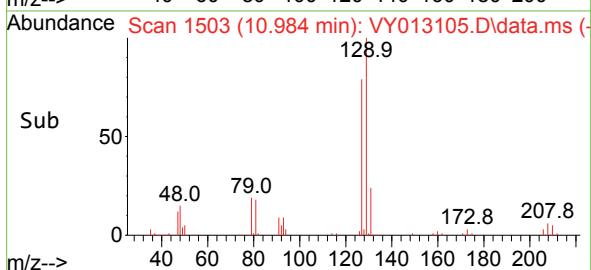
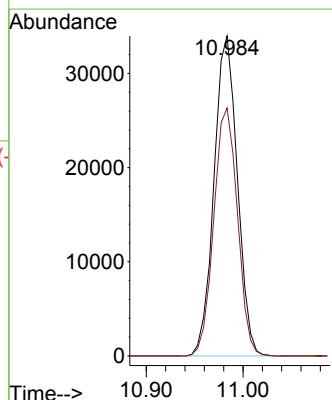
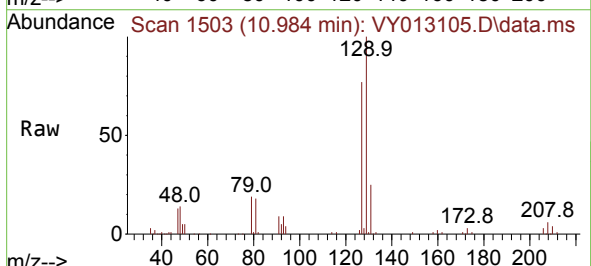
Acq: 27 Mar 2023 20:24

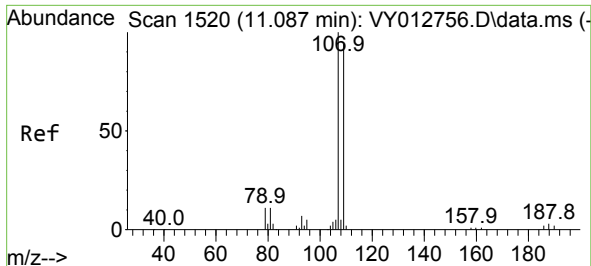
Tgt Ion: 129 Resp: 56961

Ion Ratio Lower Upper

129 100

127 78.6 38.7 116.1

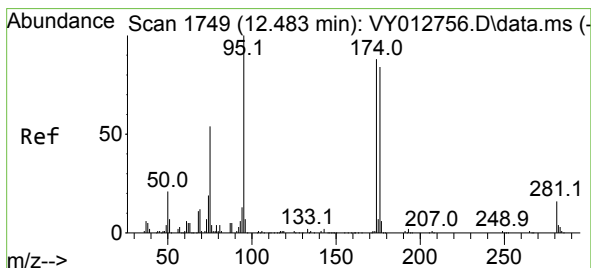
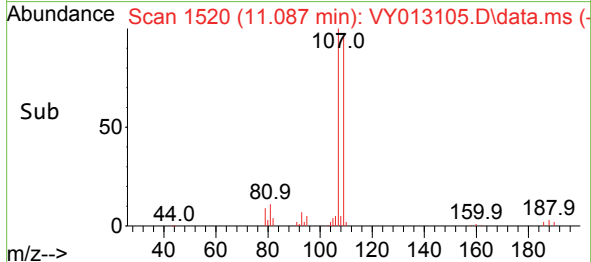
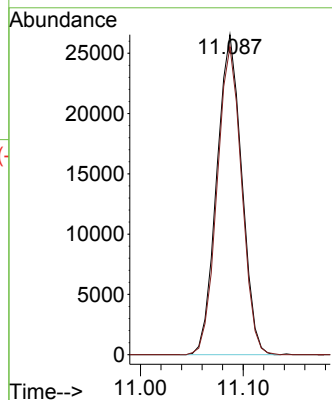
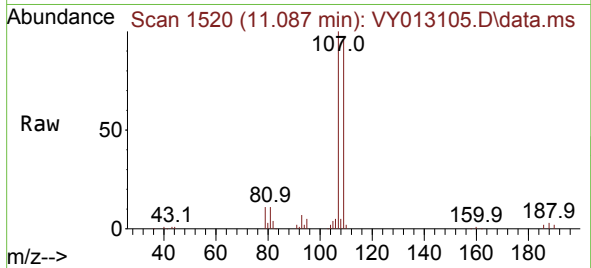




#61
1,2-Dibromoethane
Concen: 54.558 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013105.D
Acq: 27 Mar 2023 20:24

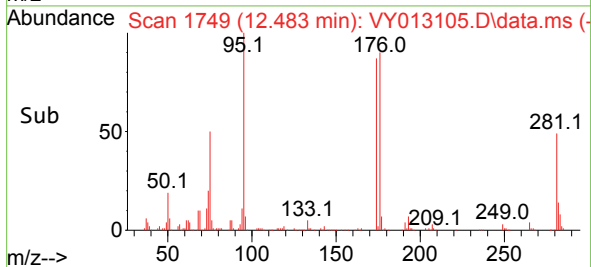
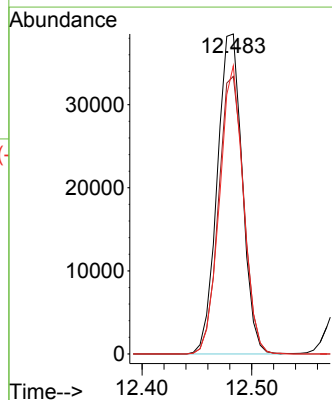
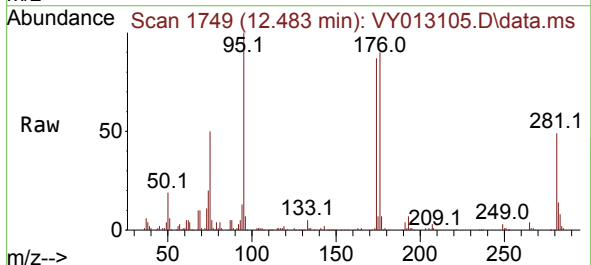
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

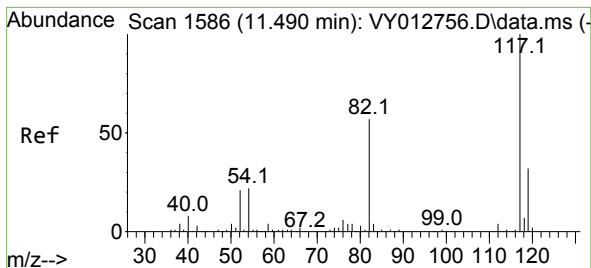
Tgt Ion:107 Resp: 44751
Ion Ratio Lower Upper
107 100
109 94.3 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 55.158 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013105.D
Acq: 27 Mar 2023 20:24

Tgt Ion: 95 Resp: 60973
Ion Ratio Lower Upper
95 100
174 87.8 0.0 176.6
176 85.8 0.0 170.2

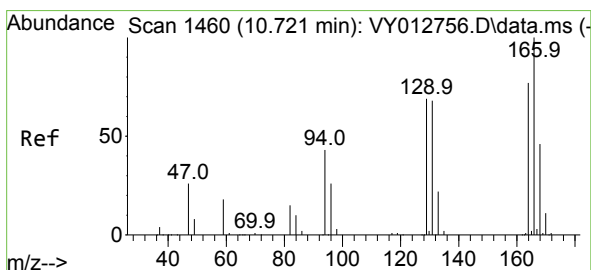
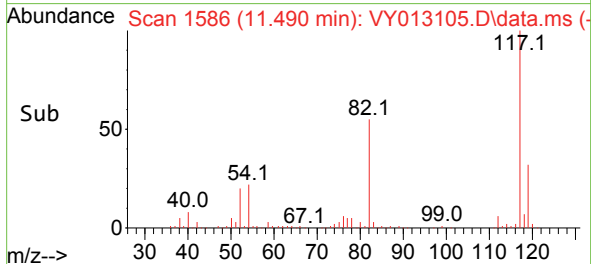
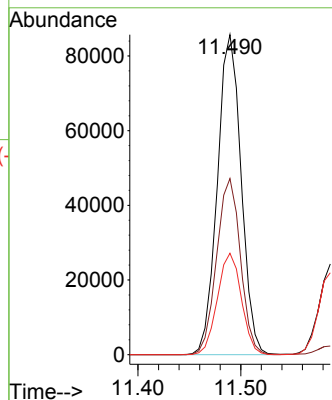
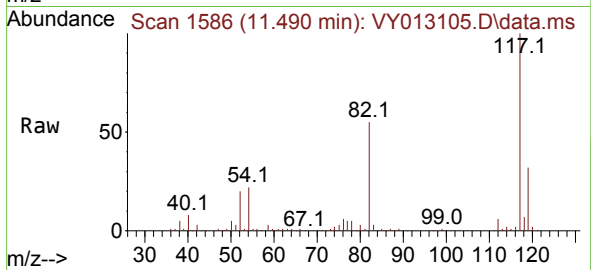




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY013105.D
Acq: 27 Mar 2023 20:24

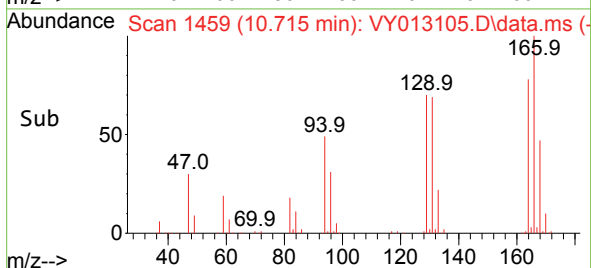
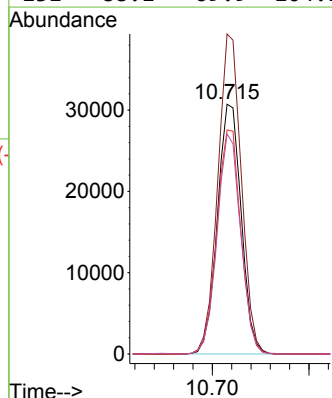
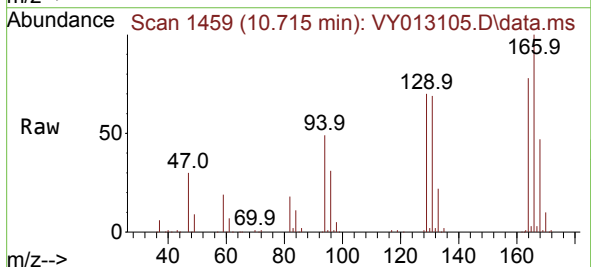
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

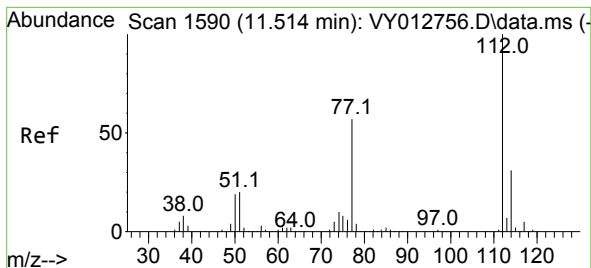
Tgt Ion:117 Resp: 137689
Ion Ratio Lower Upper
117 100
82 55.0 45.4 68.0
119 31.7 25.6 38.4



#64
Tetrachloroethene
Concen: 52.264 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY013105.D
Acq: 27 Mar 2023 20:24

Tgt Ion:164 Resp: 52393
Ion Ratio Lower Upper
164 100
166 128.1 103.4 155.2
129 89.7 71.4 107.2
131 88.1 69.9 104.9

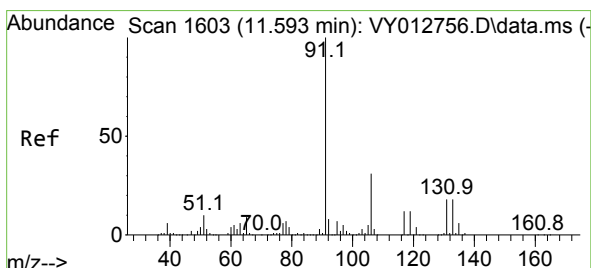
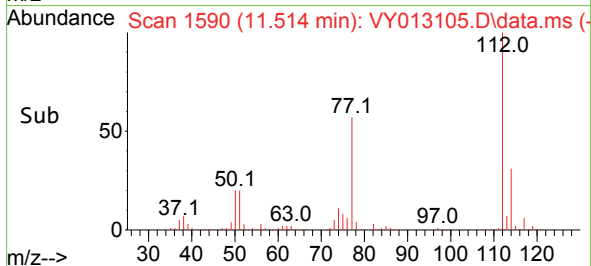
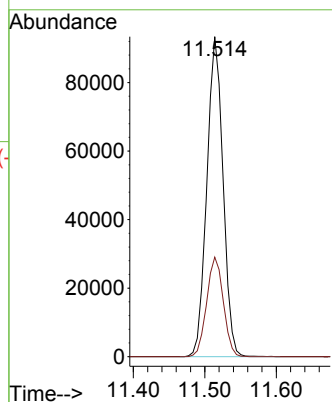
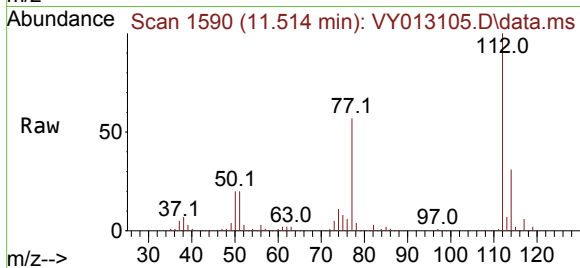




#65
Chlorobenzene
Concen: 50.793 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013105.D
Acq: 27 Mar 2023 20:24

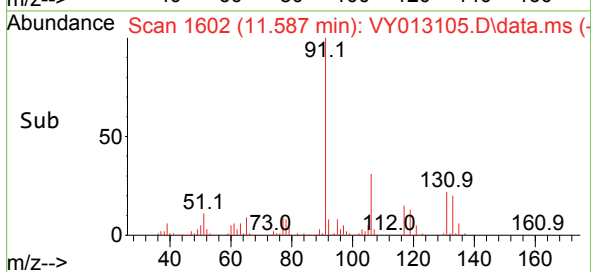
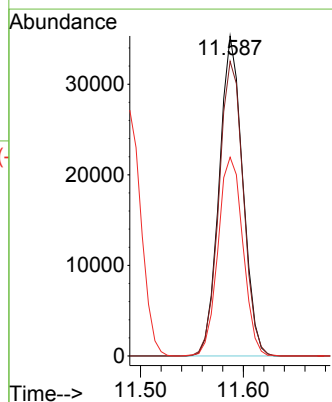
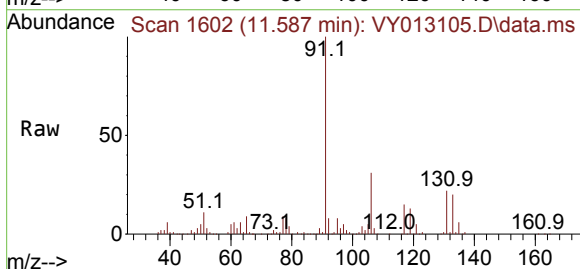
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

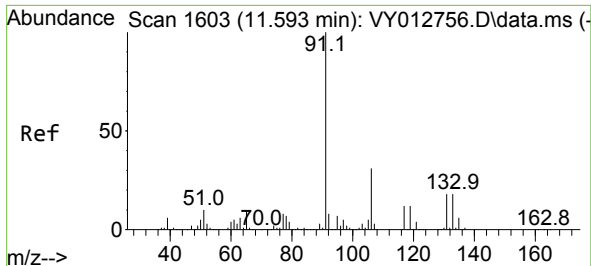
Tgt Ion:112 Resp: 146779
Ion Ratio Lower Upper
112 100
114 31.1 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 52.469 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY013105.D
Acq: 27 Mar 2023 20:24

Tgt Ion:131 Resp: 56105
Ion Ratio Lower Upper
131 100
133 95.4 48.0 144.0
119 65.7 32.6 98.0





#67

Ethyl Benzene

Concen: 51.864 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013105.D

Acq: 27 Mar 2023 20:24

Instrument :

MSVOA_Y

ClientSampleId :

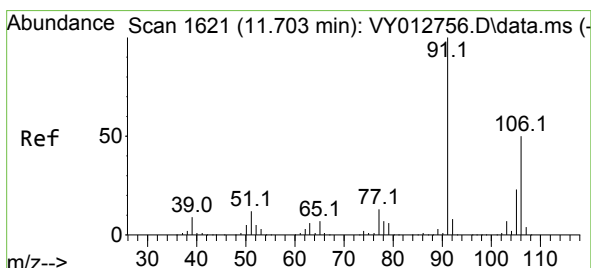
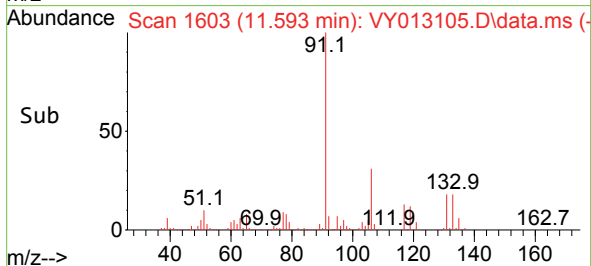
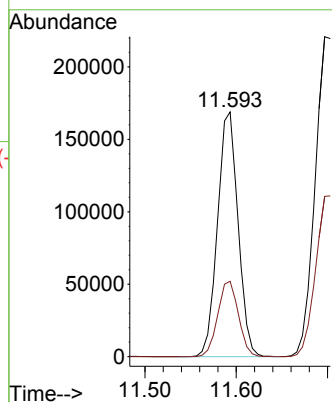
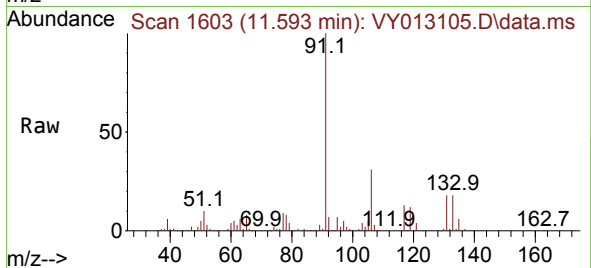
VSTDCCC050EC

Tgt Ion: 91 Resp: 263501

Ion Ratio Lower Upper

91 100

106 30.8 25.1 37.7



#68

m/p-Xylenes

Concen: 103.329 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY013105.D

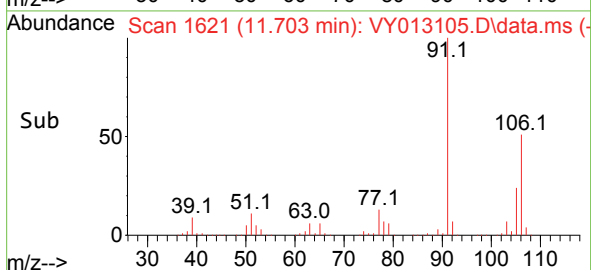
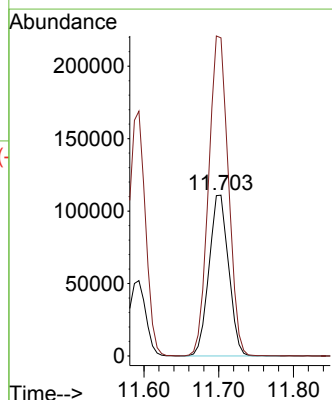
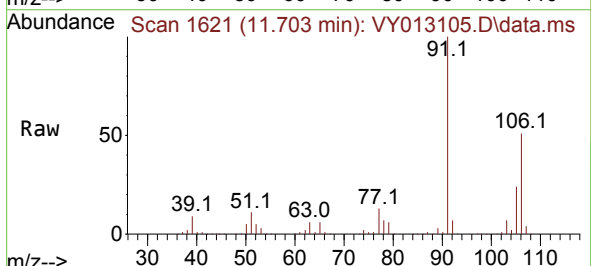
Acq: 27 Mar 2023 20:24

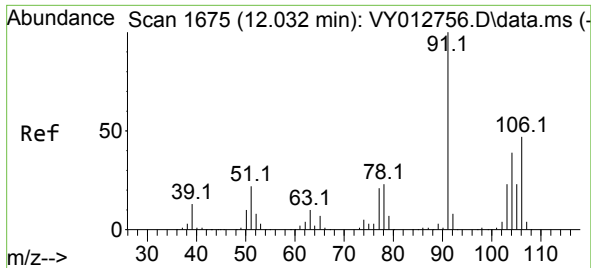
Tgt Ion:106 Resp: 201957

Ion Ratio Lower Upper

106 100

91 200.9 159.8 239.8

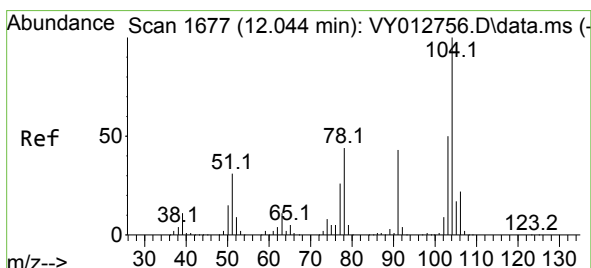
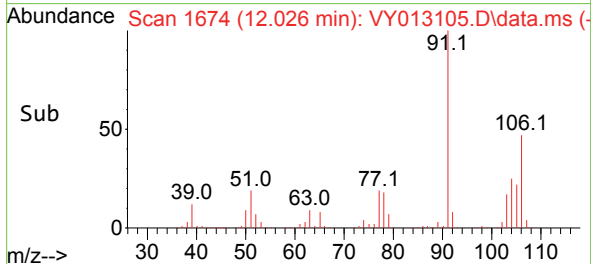
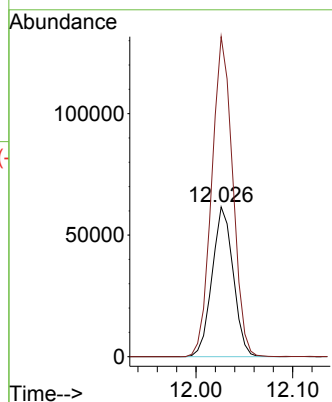
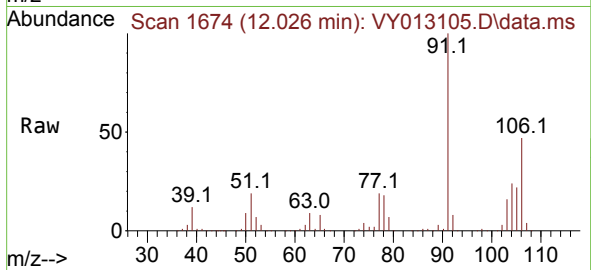




#69
o-Xylene
Concen: 51.173 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY013105.D
Acq: 27 Mar 2023 20:24

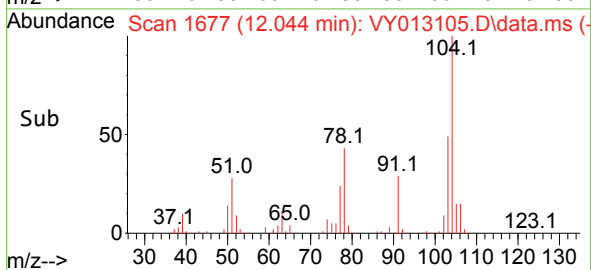
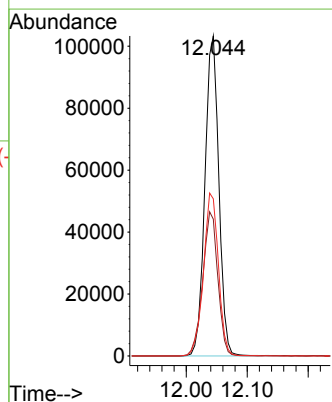
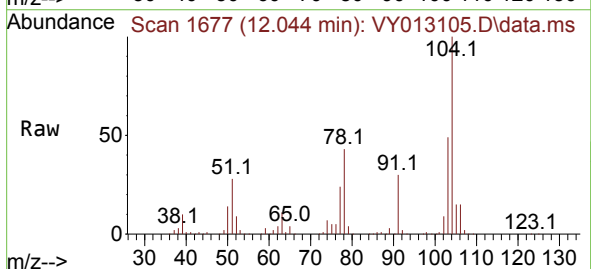
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 93345
Ion Ratio Lower Upper
106 100
91 212.7 107.2 321.6



#70
Styrene
Concen: 53.908 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013105.D
Acq: 27 Mar 2023 20:24

Tgt Ion:104 Resp: 164097
Ion Ratio Lower Upper
104 100
78 49.0 39.2 58.8
103 54.8 43.7 65.5





#71

Bromoform

Concen: 54.955 ug/l

RT: 12.203 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013105.D

Acq: 27 Mar 2023 20:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

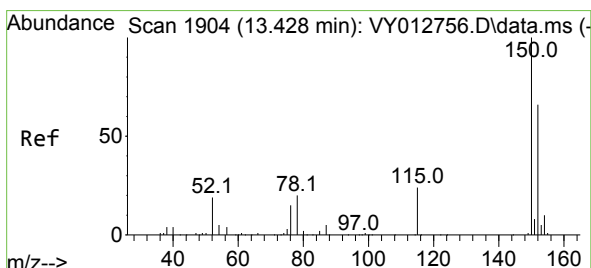
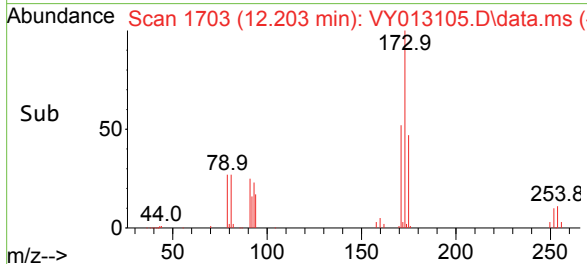
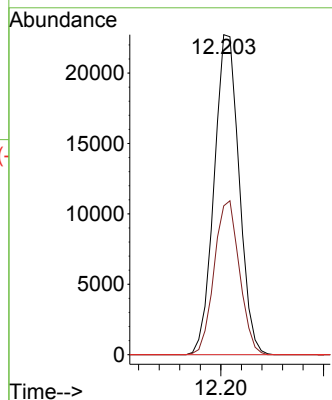
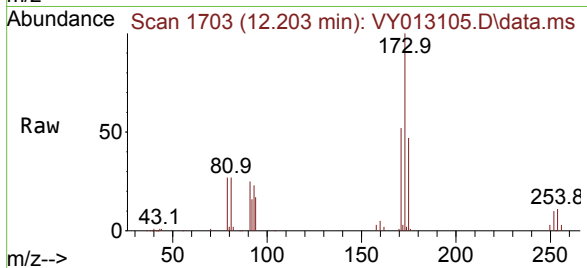
Tgt Ion:173 Resp: 38314

Ion Ratio Lower Upper

173 100

175 48.6 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY013105.D

Acq: 27 Mar 2023 20:24

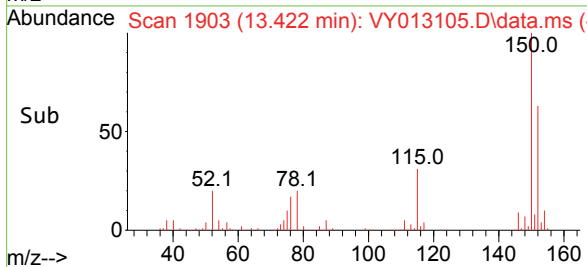
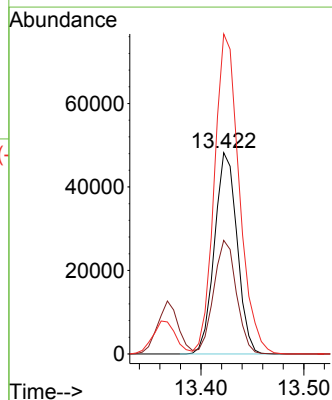
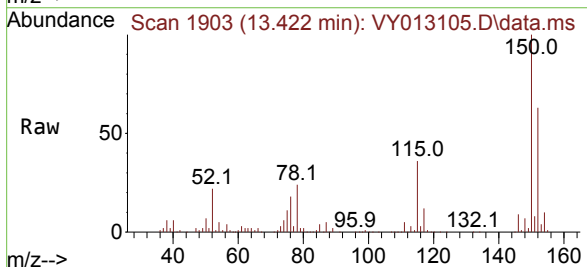
Tgt Ion:152 Resp: 73473

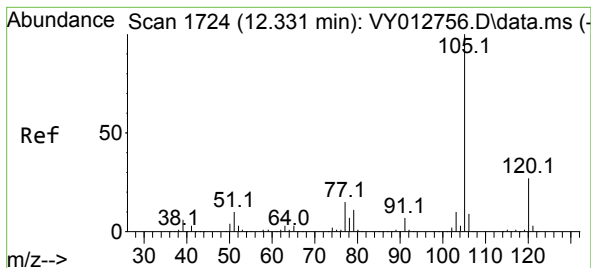
Ion Ratio Lower Upper

152 100

115 57.2 27.1 81.3

150 175.1 0.0 347.8





#73

Isopropylbenzene

Concen: 48.101 ug/l

RT: 12.325 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013105.D

Acq: 27 Mar 2023 20:24

Instrument :

MSVOA_Y

ClientSampleId :

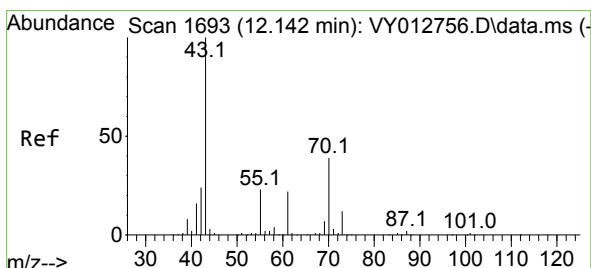
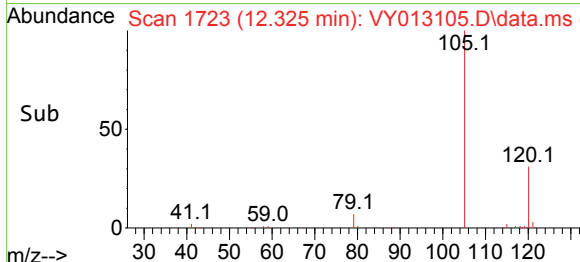
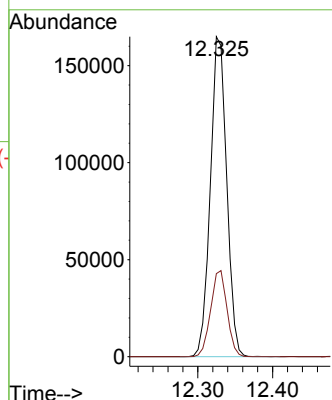
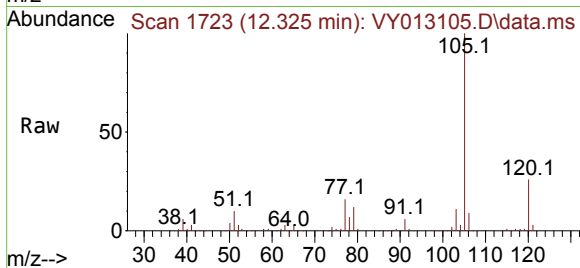
VSTDCCC050EC

Tgt Ion:105 Resp: 250466

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.2



#74

N-ethyl acetate

Concen: 51.573 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY013105.D

Acq: 27 Mar 2023 20:24

Tgt Ion: 43 Resp: 84494

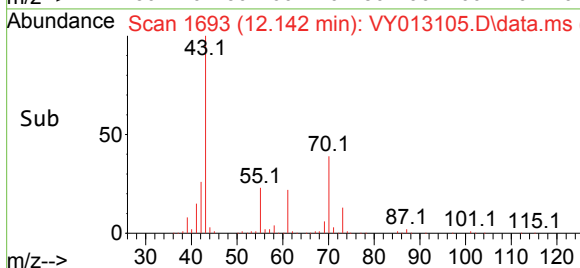
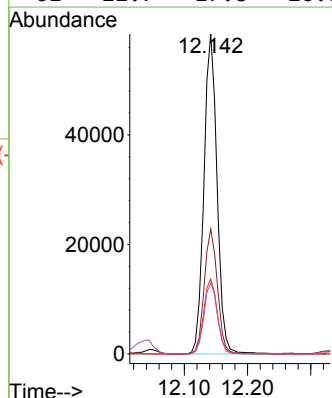
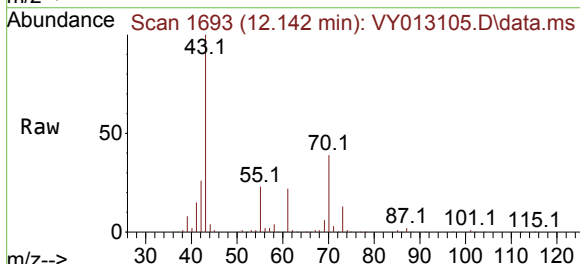
Ion Ratio Lower Upper

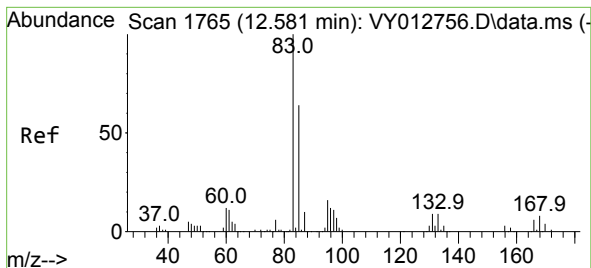
43 100

70 39.0 31.6 47.4

55 24.6 18.8 28.2

61 22.7 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 49.962 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY013105.D

Acq: 27 Mar 2023 20:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

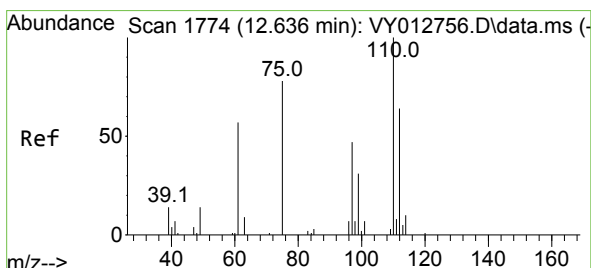
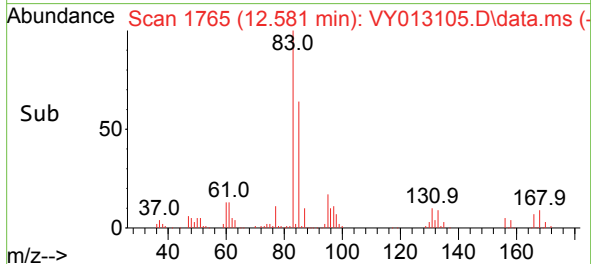
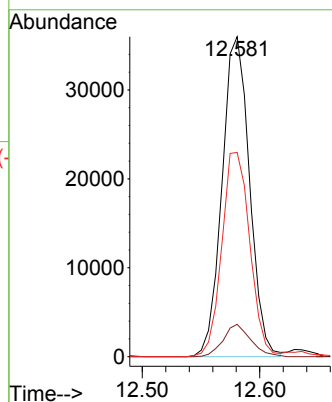
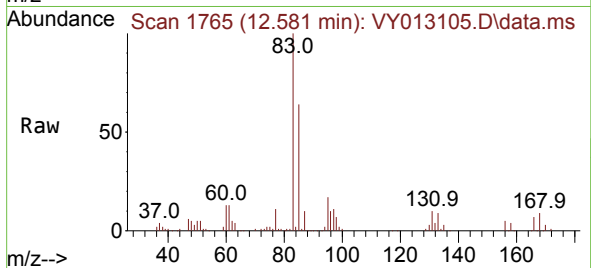
Tgt Ion: 83 Resp: 58482

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.2

85 65.2 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 89.388 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY013105.D

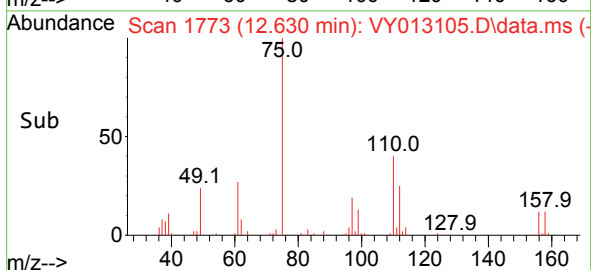
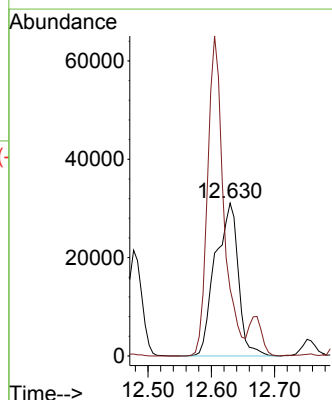
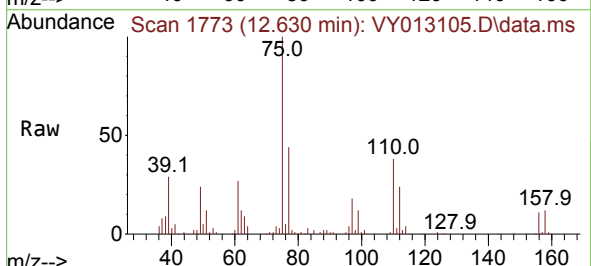
Acq: 27 Mar 2023 20:24

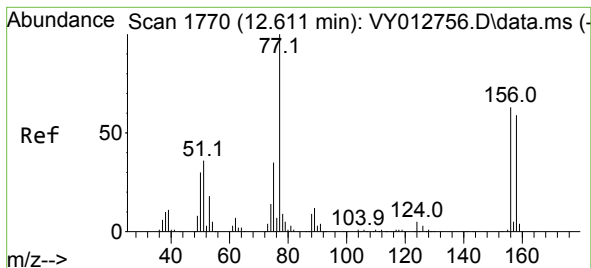
Tgt Ion: 75 Resp: 78428

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.807 ug/l

RT: 12.605 min Scan# 1770

Delta R.T. -0.006 min

Lab File: VY013105.D

Acq: 27 Mar 2023 20:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

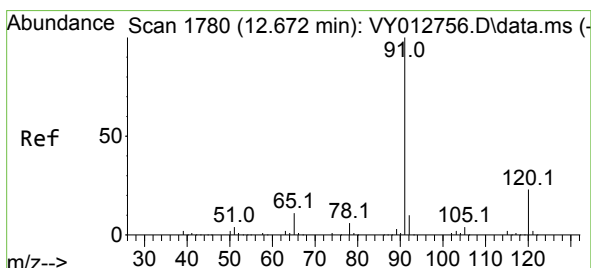
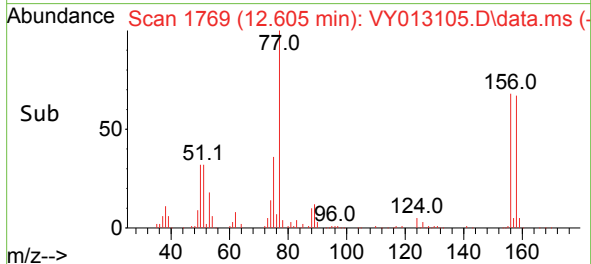
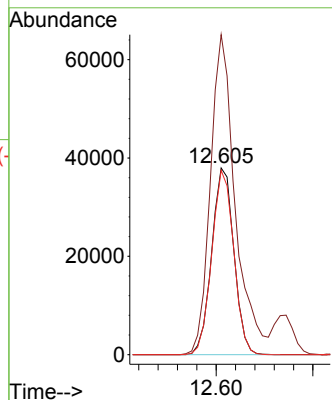
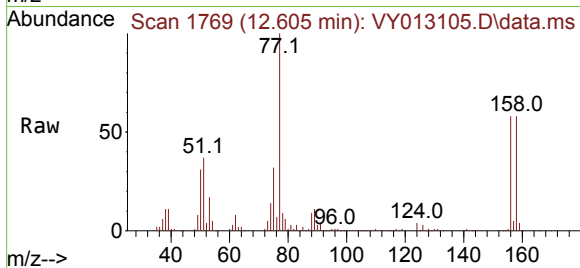
Tgt Ion:156 Resp: 60474

Ion Ratio Lower Upper

156 100

77 192.4 94.0 282.1

158 97.9 48.1 144.4



#78

n-propylbenzene

Concen: 48.639 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY013105.D

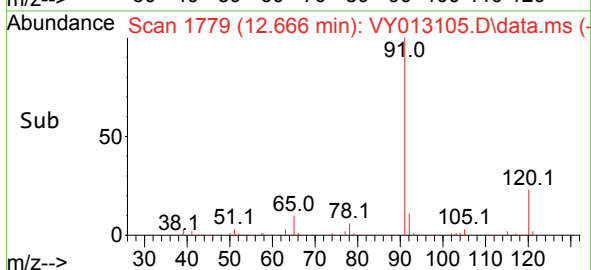
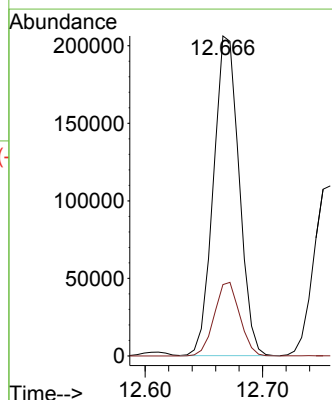
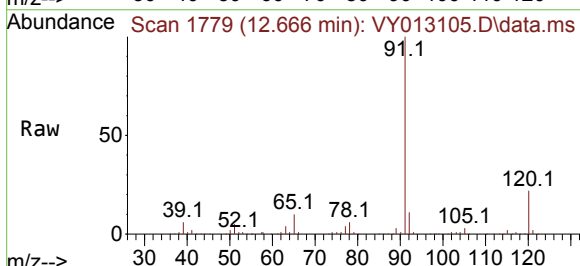
Acq: 27 Mar 2023 20:24

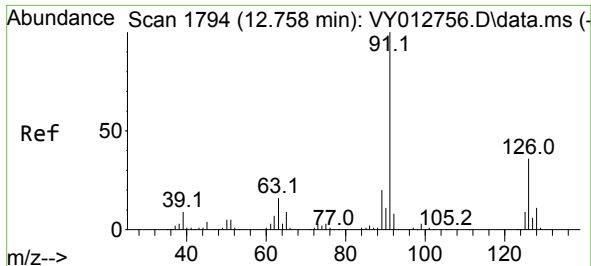
Tgt Ion: 91 Resp: 312254

Ion Ratio Lower Upper

91 100

120 22.9 11.6 34.8





#79

2-Chlorotoluene

Concen: 48.768 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013105.D

Acq: 27 Mar 2023 20:24

Instrument :

MSVOA_Y

ClientSampleId :

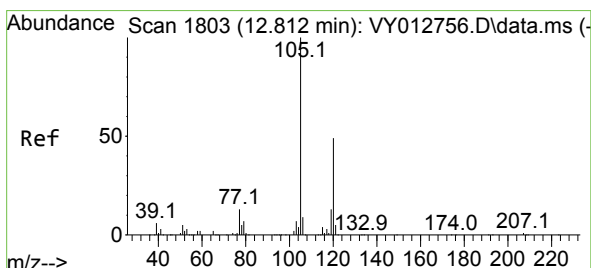
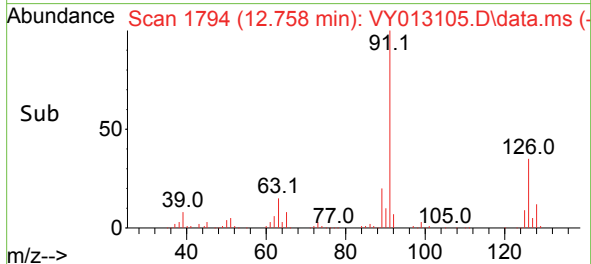
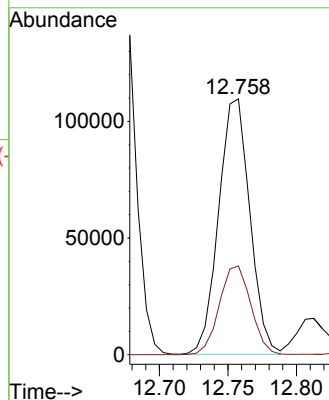
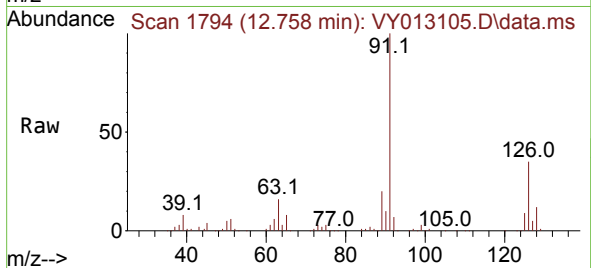
VSTDCCC050EC

Tgt Ion: 91 Resp: 174003

Ion Ratio Lower Upper

91 100

126 35.0 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 49.116 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY013105.D

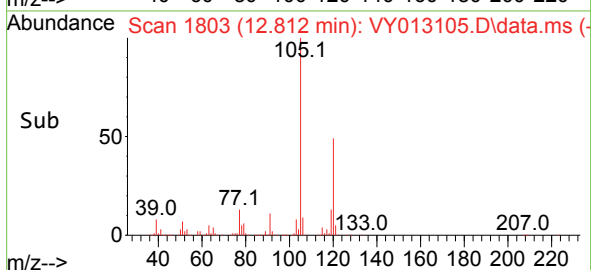
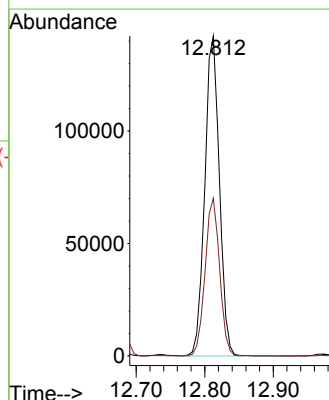
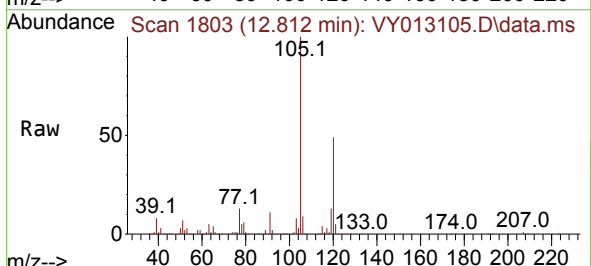
Acq: 27 Mar 2023 20:24

Tgt Ion:105 Resp: 211063

Ion Ratio Lower Upper

105 100

120 49.0 24.8 74.4

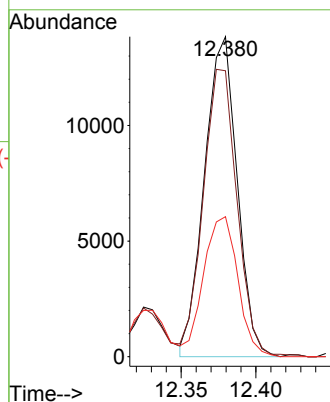
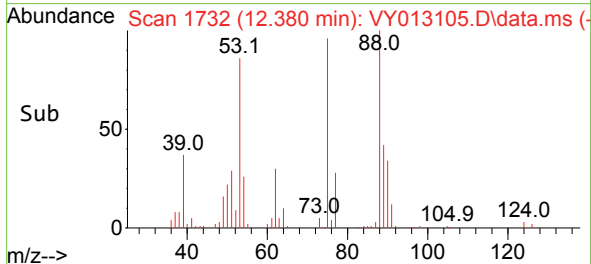
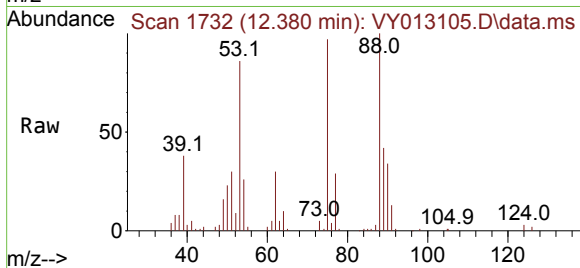




#81
trans-1,4-Dichloro-2-butene
Concen: 49.679 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY013105.D
Acq: 27 Mar 2023 20:24

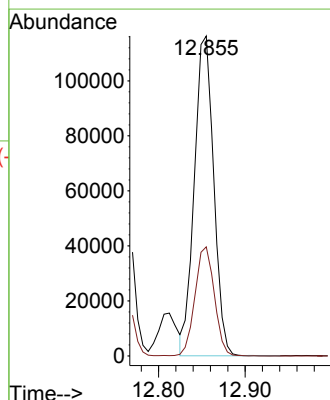
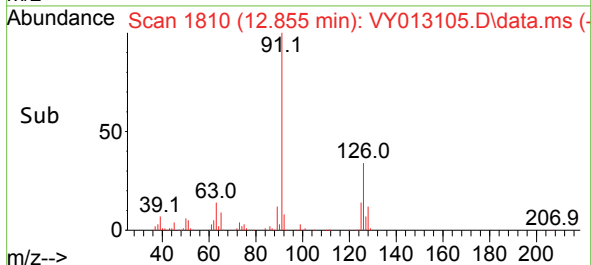
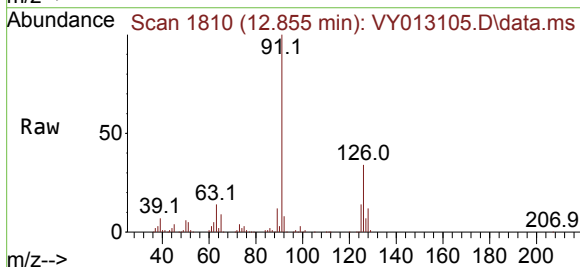
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

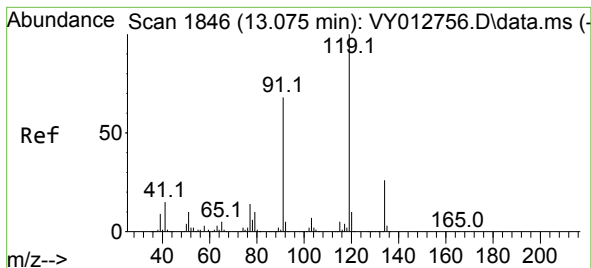
Tgt Ion: 75 Resp: 21036
Ion Ratio Lower Upper
75 100
53 93.1 73.4 110.0
89 46.0 36.6 55.0



#82
4-Chlorotoluene
Concen: 48.867 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013105.D
Acq: 27 Mar 2023 20:24

Tgt Ion: 91 Resp: 180487
Ion Ratio Lower Upper
91 100
126 34.3 17.7 53.1





#83

tert-Butylbenzene

Concen: 49.419 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY013105.D

Acq: 27 Mar 2023 20:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

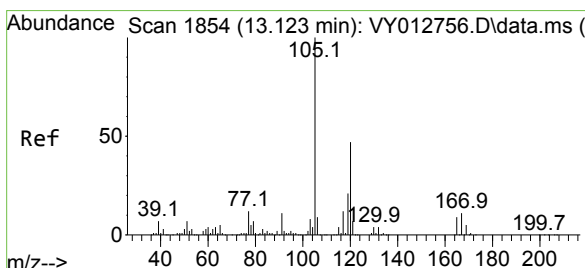
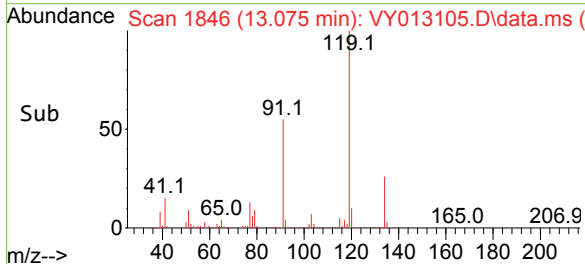
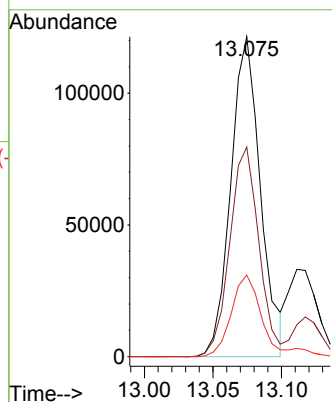
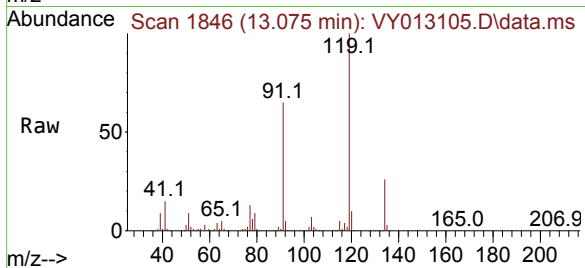
Tgt Ion:119 Resp: 183297

Ion Ratio Lower Upper

119 100

91 64.2 32.8 98.3

134 27.0 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 49.257 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY013105.D

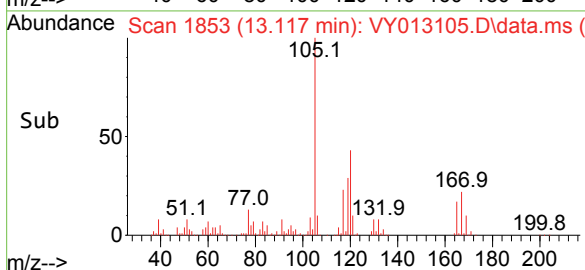
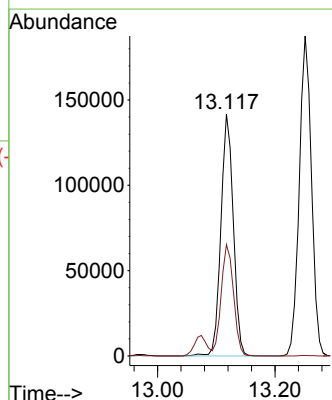
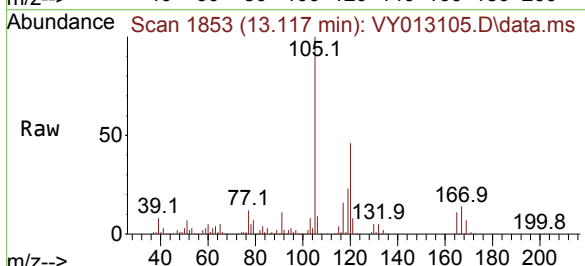
Acq: 27 Mar 2023 20:24

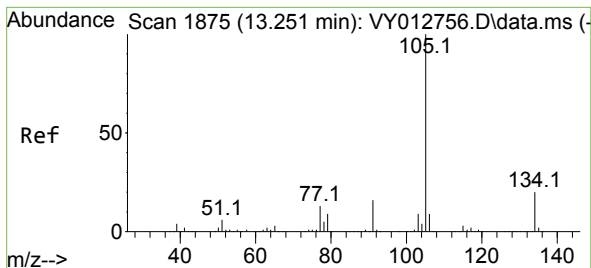
Tgt Ion:105 Resp: 206978

Ion Ratio Lower Upper

105 100

120 45.8 23.0 69.0





#85

sec-Butylbenzene

Concen: 47.879 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013105.D

Acq: 27 Mar 2023 20:24

Instrument :

MSVOA_Y

ClientSampleId :

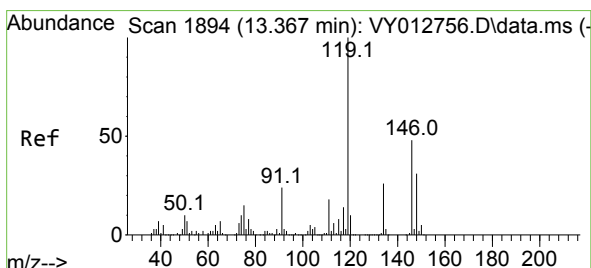
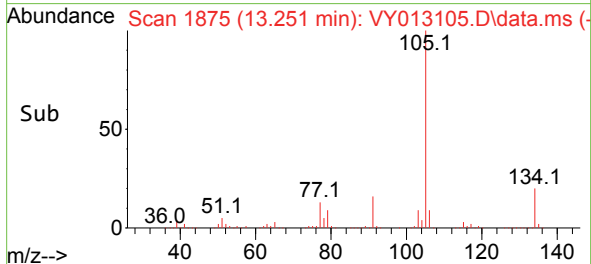
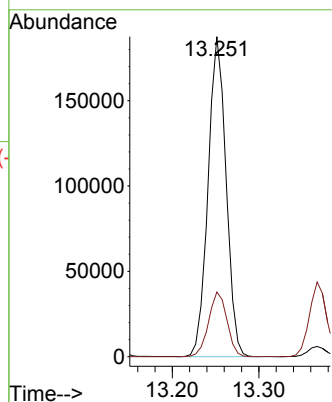
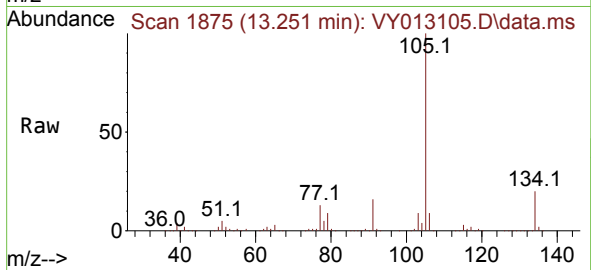
VSTDCCC050EC

Tgt Ion:105 Resp: 270917

Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.1



#86

p-Isopropyltoluene

Concen: 48.798 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013105.D

Acq: 27 Mar 2023 20:24

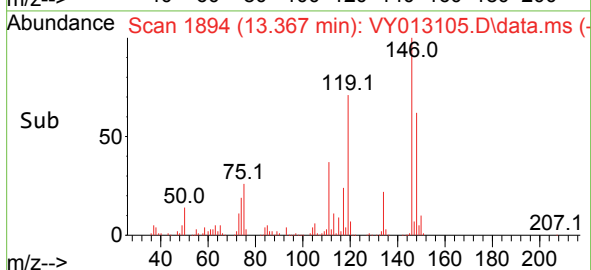
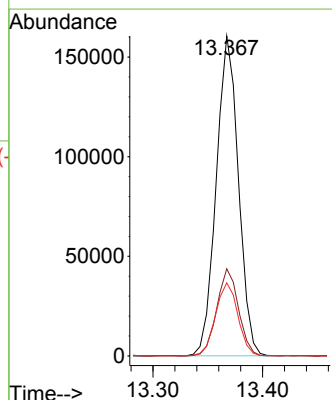
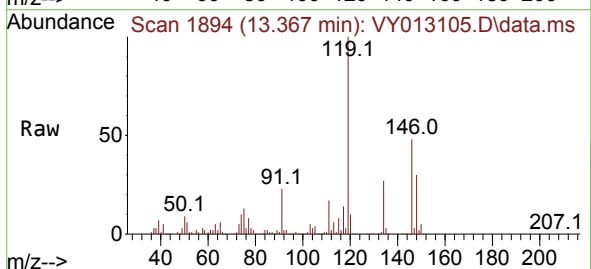
Tgt Ion:119 Resp: 225666

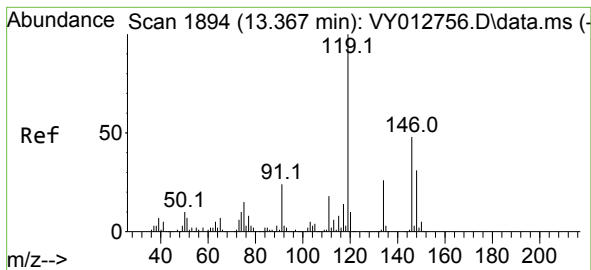
Ion Ratio Lower Upper

119 100

134 26.7 13.2 39.6

91 23.0 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 48.744 ug/l

RT: 13.367 min Scan# 118922

Delta R.T. 0.000 min

Lab File: VY013105.D

Acq: 27 Mar 2023 20:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

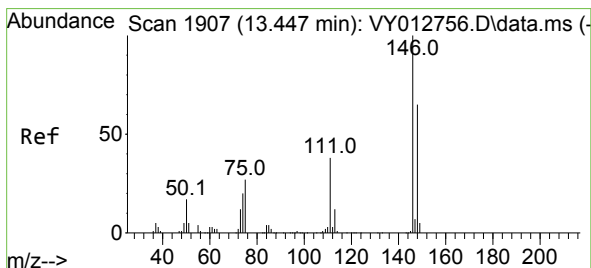
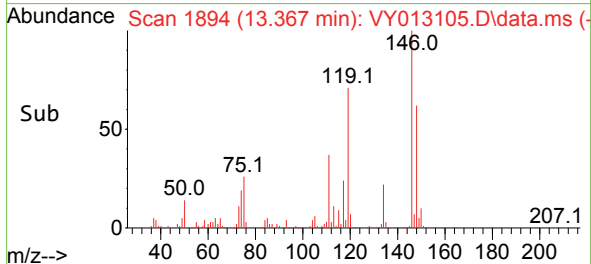
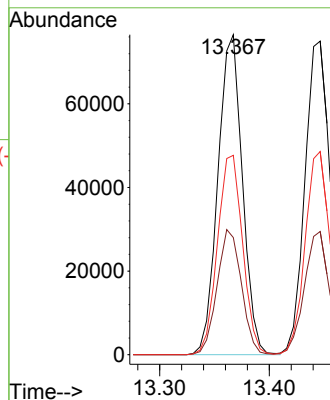
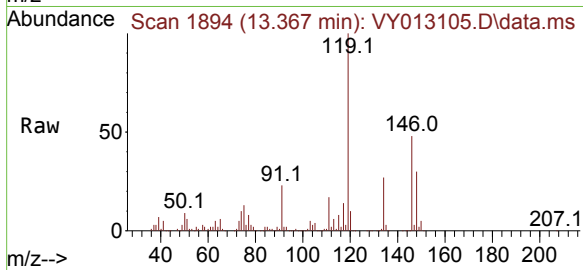
Tgt Ion:146 Resp: 118922

Ion Ratio Lower Upper

146 100

111 38.8 19.1 57.5

148 64.0 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 47.752 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY013105.D

Acq: 27 Mar 2023 20:24

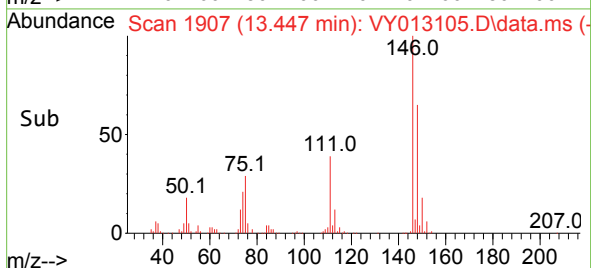
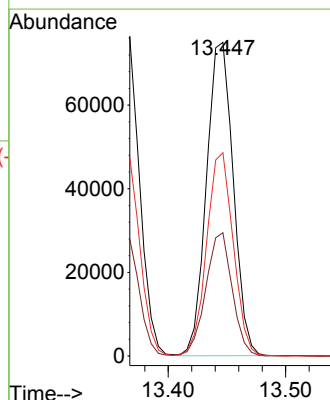
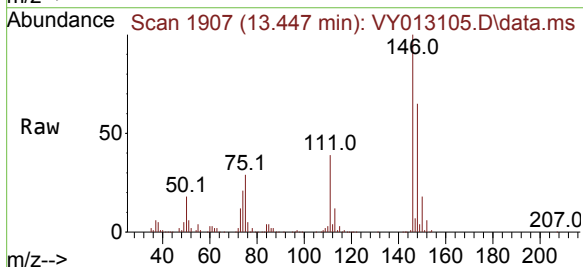
Tgt Ion:146 Resp: 118902

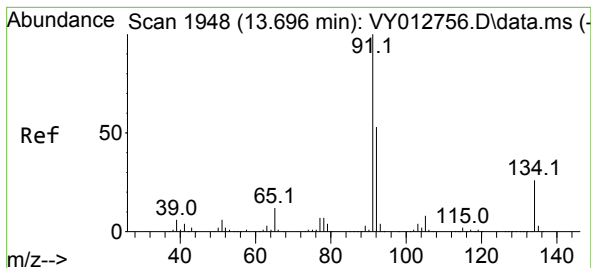
Ion Ratio Lower Upper

146 100

111 38.7 18.6 55.8

148 64.4 31.5 94.5





#89

n-Butylbenzene

Concen: 46.513 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013105.D

Acq: 27 Mar 2023 20:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

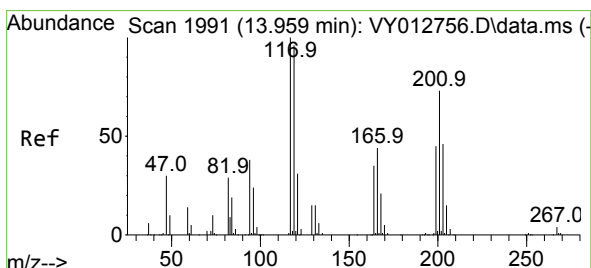
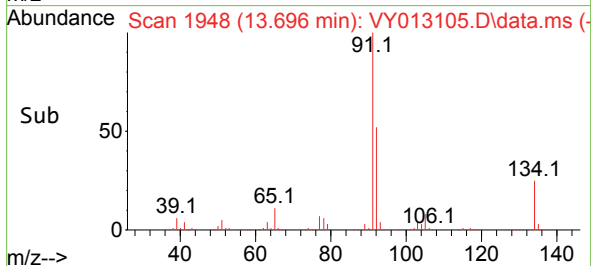
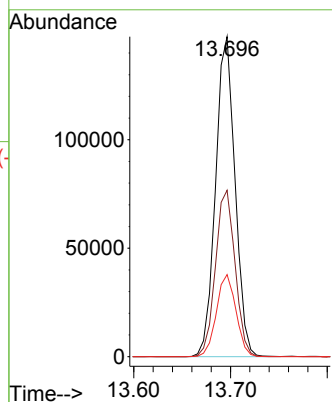
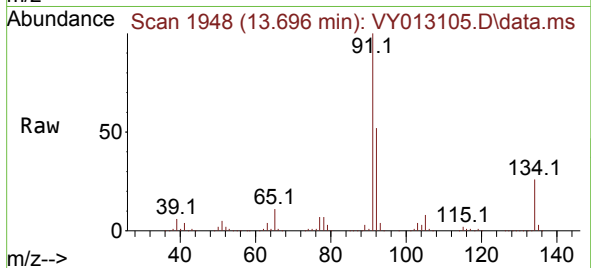
Tgt Ion: 91 Resp: 205918

Ion Ratio Lower Upper

91 100

92 52.5 26.4 79.0

134 25.8 13.0 38.9



#90

Hexachloroethane

Concen: 47.917 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY013105.D

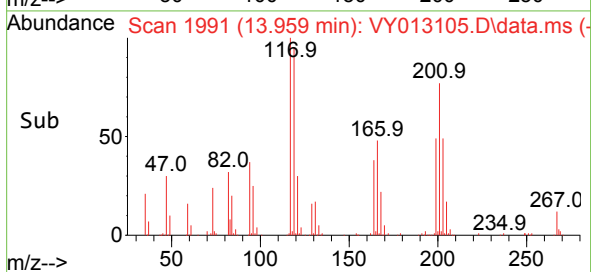
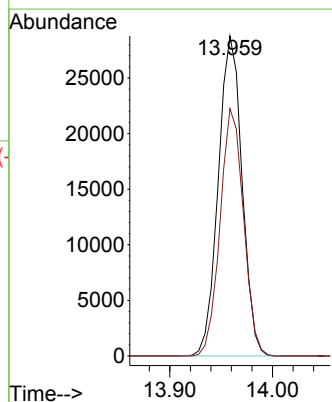
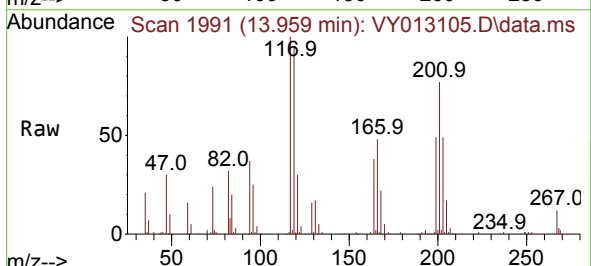
Acq: 27 Mar 2023 20:24

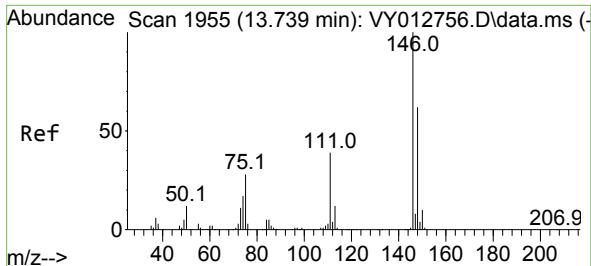
Tgt Ion: 117 Resp: 46153

Ion Ratio Lower Upper

117 100

201 76.2 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 48.196 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013105.D

Acq: 27 Mar 2023 20:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

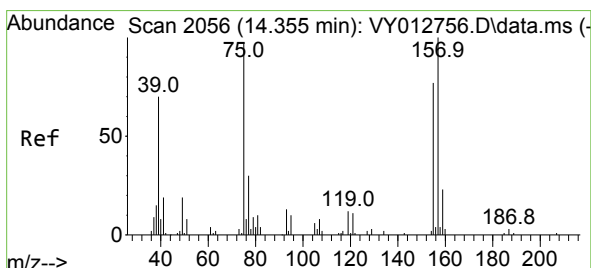
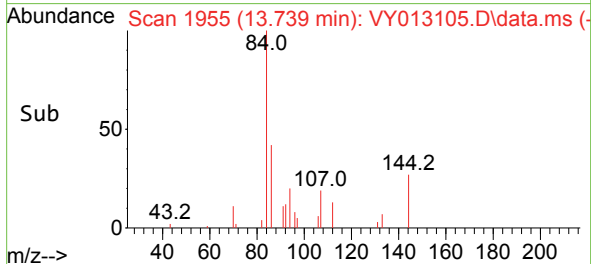
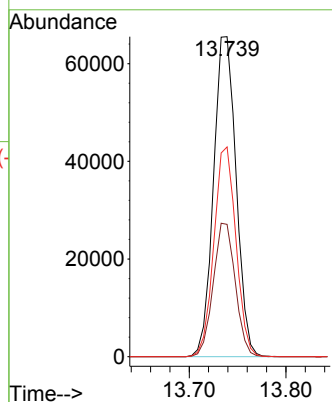
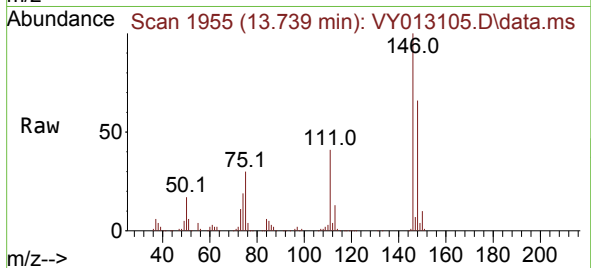
Tgt Ion:146 Resp: 106292

Ion Ratio Lower Upper

146 100

111 40.8 19.7 59.1

148 64.0 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.957 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY013105.D

Acq: 27 Mar 2023 20:24

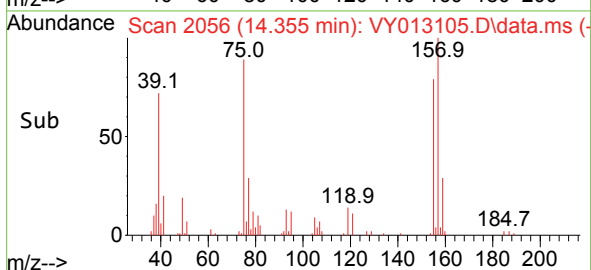
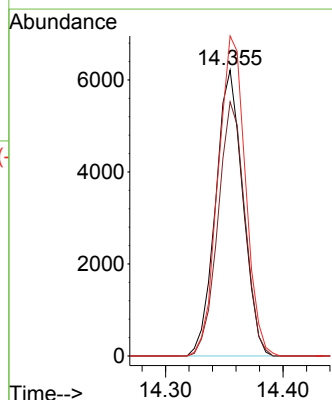
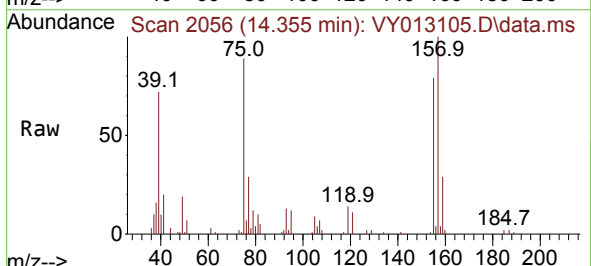
Tgt Ion: 75 Resp: 10018

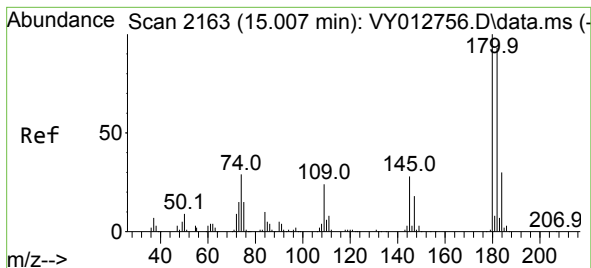
Ion Ratio Lower Upper

75 100

155 87.4 43.8 131.4

157 112.6 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 45.111 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013105.D

Acq: 27 Mar 2023 20:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

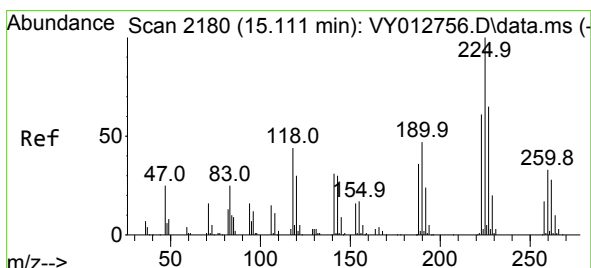
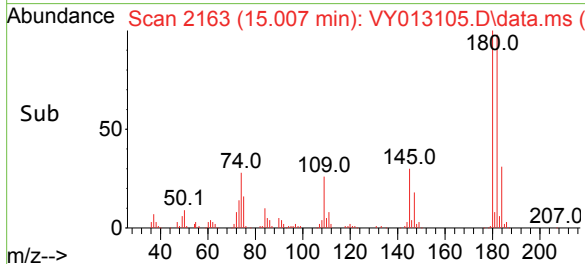
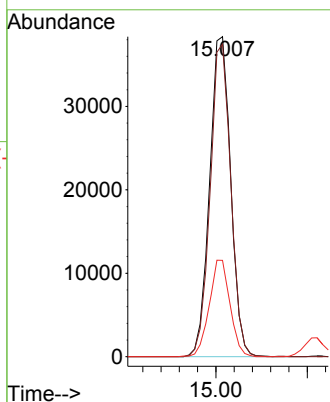
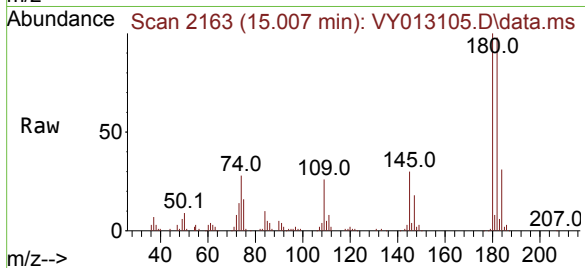
Tgt Ion:180 Resp: 61255

Ion Ratio Lower Upper

180 100

182 95.5 46.7 140.1

145 29.8 14.6 43.8



#94

Hexachlorobutadiene

Concen: 43.824 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY013105.D

Acq: 27 Mar 2023 20:24

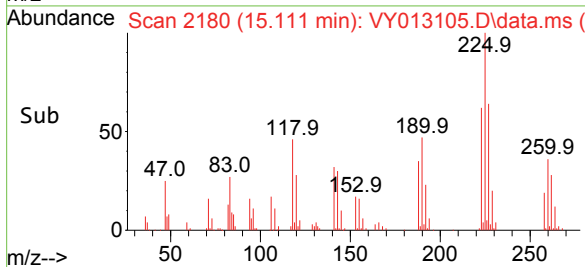
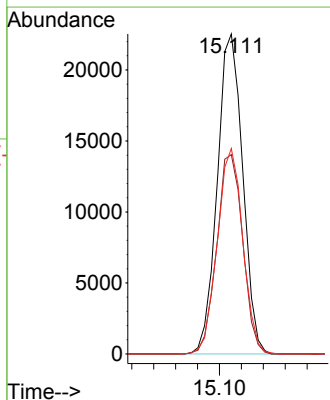
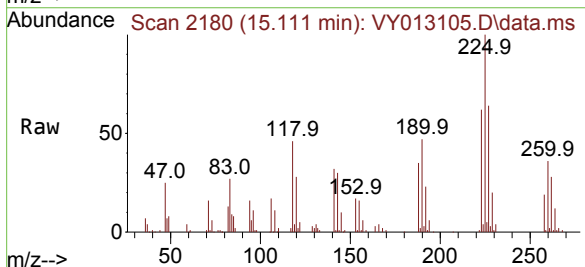
Tgt Ion:225 Resp: 36295

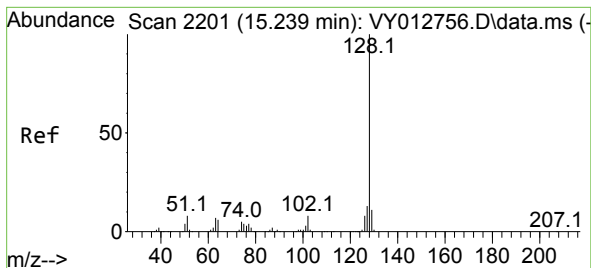
Ion Ratio Lower Upper

225 100

223 63.6 31.1 93.3

227 64.4 32.4 97.0





#95

Naphthalene

Concen: 49.865 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY013105.D

Acq: 27 Mar 2023 20:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

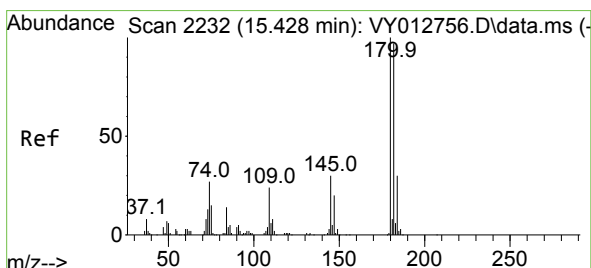
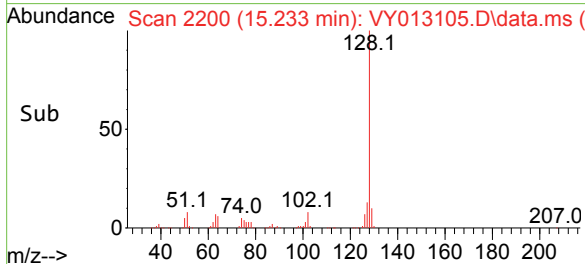
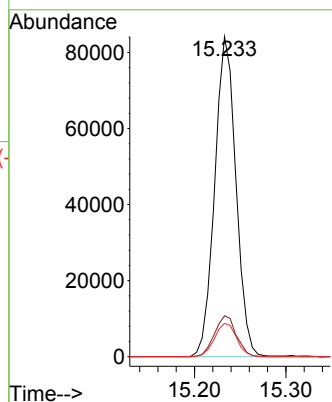
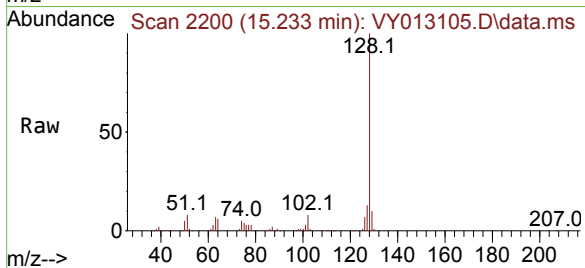
Tgt Ion:128 Resp: 135686

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 47.208 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY013105.D

Acq: 27 Mar 2023 20:24

Tgt Ion:180 Resp: 57011

Ion Ratio Lower Upper

180 100

182 95.4 47.4 142.3

145 31.1 15.3 45.8

