

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031523\
 Data File : VY012958.D
 Acq On : 15 Mar 2023 16:54
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 16 00:19:45 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	99326	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	151295	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	136203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70484	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	44278	44.899	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.800%
35) Dibromofluoromethane	7.722	113	44460	48.693	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.380%
50) Toluene-d8	10.179	98	149157	44.685	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.360%
62) 4-Bromofluorobenzene	12.483	95	54277	48.176	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.360%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	43568	44.502	ug/l	100
3) Chloromethane	2.113	50	50533	43.176	ug/l	100
4) Vinyl Chloride	2.253	62	51510	47.995	ug/l	97
5) Bromomethane	2.650	94	31631	48.504	ug/l	96
6) Chloroethane	2.796	64	32362	50.349	ug/l	98
7) Trichlorofluoromethane	3.125	101	91958	51.588	ug/l	99
8) Diethyl Ether	3.528	74	32074	51.346	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	56081	52.293	ug/l	99
10) Methyl Iodide	4.095	142	72264	51.715	ug/l	98
11) Tert butyl alcohol	4.948	59	29396	260.001	ug/l	99
12) 1,1-Dichloroethene	3.875	96	52344	51.176	ug/l	100
13) Acrolein	3.729	56	27180	157.312	ug/l	99
14) Allyl chloride	4.479	41	89795	47.526	ug/l	96
15) Acrylonitrile	5.161	53	86803	263.731	ug/l	100
16) Acetone	3.942	43	110868	286.420	ug/l	100
17) Carbon Disulfide	4.198	76	155575	44.686	ug/l	100
18) Methyl Acetate	4.472	43	55617	48.249	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	146182	55.331	ug/l	98
20) Methylene Chloride	4.716	84	64180	54.857	ug/l	95
21) trans-1,2-Dichloroethene	5.222	96	57413	51.653	ug/l	95
22) Diisopropyl ether	6.119	45	184828	53.860	ug/l	97
23) Vinyl Acetate	6.058	43	573939	269.173	ug/l	99
24) 1,1-Dichloroethane	6.015	63	104256	53.315	ug/l	99
25) 2-Butanone	6.984	43	129153	269.386	ug/l	97
26) 2,2-Dichloropropane	6.984	77	92687	53.368	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	64493	54.119	ug/l	99
28) Bromochloromethane	7.332	49	37332	52.241	ug/l	97
29) Tetrahydrofuran	7.344	42	75833	262.256	ug/l	98
30) Chloroform	7.509	83	107104	55.451	ug/l	98
31) Cyclohexane	7.789	56	88102	46.647	ug/l	92
32) 1,1,1-Trichloroethane	7.704	97	95626	54.745	ug/l	99
36) 1,1-Dichloropropene	7.917	75	80306	52.484	ug/l	100
37) Ethyl Acetate	7.076	43	50477	52.341	ug/l	100
38) Carbon Tetrachloride	7.905	117	88415	55.956	ug/l	100
39) Methylcyclohexane	9.185	83	94257	51.815	ug/l	99
40) Benzene	8.161	78	232688	53.761	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	70136	134.984	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	72176	55.466	ug/l	99
43) Isopropyl Acetate	8.271	43	93217	54.177	ug/l	99
44) Trichloroethene	8.941	130	62264	54.563	ug/l	95
45) 1,2-Dichloropropane	9.216	63	59313	54.224	ug/l	98
46) Dibromomethane	9.307	93	35372	56.761	ug/l	100
47) Bromodichloromethane	9.496	83	82671	56.295	ug/l	98
48) Methyl methacrylate	9.295	41	41773	52.690	ug/l	95
49) 1,4-Dioxane	9.295	88	9726	1207.292	ug/l	94
51) 4-Methyl-2-Pentanone	10.069	43	258749	277.236	ug/l	99
52) Toluene	10.246	92	145305	55.666	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	87566	56.848	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	97016	55.646	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	48539	55.929	ug/l	99
56) Ethyl methacrylate	10.508	69	66194	57.202	ug/l	100
57) 1,3-Dichloropropane	10.788	76	81718	55.283	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	169962	279.782	ug/l	100
59) 2-Hexanone	10.831	43	194335	286.496	ug/l	99
60) Dibromochloromethane	10.983	129	60914	57.660	ug/l	98
61) 1,2-Dibromoethane	11.087	107	46671	55.826	ug/l	100
64) Tetrachloroethene	10.721	164	54044	54.499	ug/l	97
65) Chlorobenzene	11.514	112	157083	54.952	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	60162	56.877	ug/l	99
67) Ethyl Benzene	11.593	91	281038	55.919	ug/l	99
68) m/p-Xylenes	11.703	106	216884	112.177	ug/l	100
69) o-Xylene	12.032	106	102205	56.641	ug/l	98
70) Styrene	12.044	104	174546	57.966	ug/l	100
71) Bromoform	12.209	173	39463	57.221	ug/l #	97
73) Isopropylbenzene	12.331	105	274834	55.019	ug/l	100
74) N-amyl acetate	12.142	43	82254	52.335	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	60087	53.511	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	77643	92.246	ug/l #	100
77) Bromobenzene	12.611	156	65323	53.830	ug/l	97
78) n-propylbenzene	12.672	91	337804	54.851	ug/l	99
79) 2-Chlorotoluene	12.758	91	185774	54.275	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	229397	55.647	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	21372	52.612	ug/l	98
82) 4-Chlorotoluene	12.855	91	189912	53.599	ug/l	100
83) tert-Butylbenzene	13.075	119	198639	55.827	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	223022	55.325	ug/l	100
85) sec-Butylbenzene	13.257	105	300652	55.387	ug/l	100
86) p-Isopropyltoluene	13.373	119	246807	55.633	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	128410	54.865	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	127878	53.535	ug/l	99
89) n-Butylbenzene	13.696	91	231866	54.595	ug/l	100
90) Hexachloroethane	13.959	117	49608	53.688	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	116977	55.290	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9403	51.814	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	69621	53.446	ug/l	98
94) Hexachlorobutadiene	15.111	225	41732	52.525	ug/l	99
95) Naphthalene	15.239	128	139920	53.601	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	61415	53.011	ug/l	99

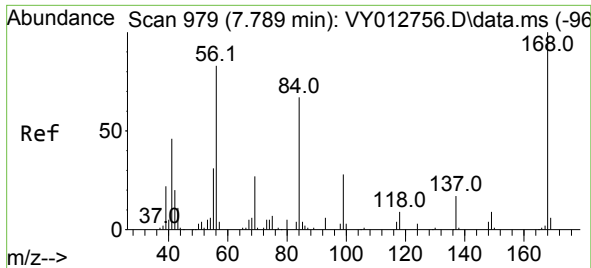
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031523\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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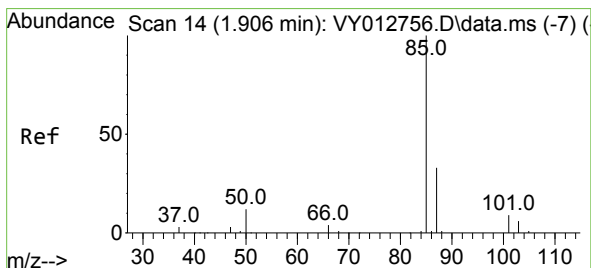
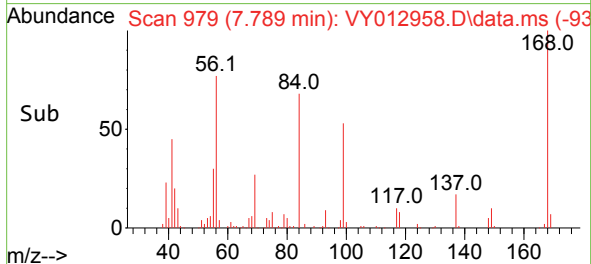
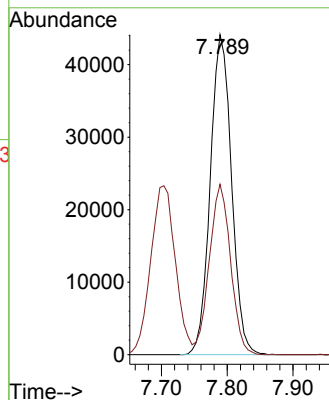
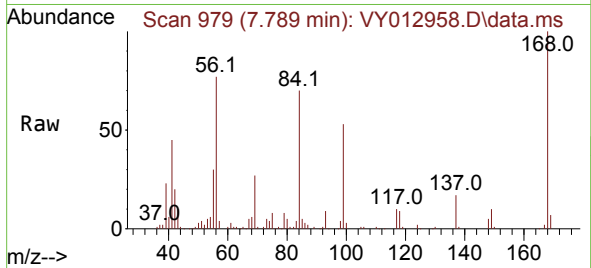
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012958.D
Acq: 15 Mar 2023 16:54

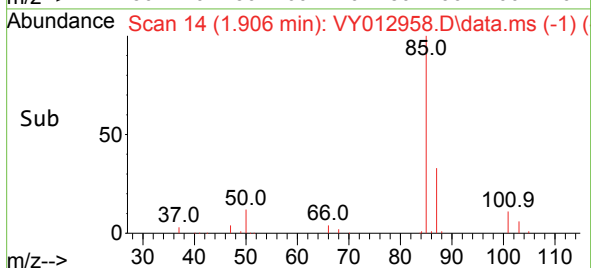
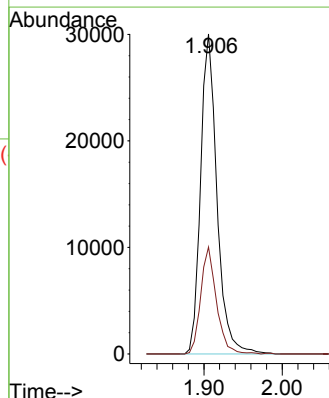
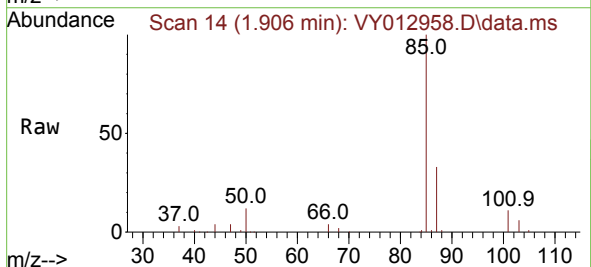
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MSVOA_Y
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VSTDCCC050EC

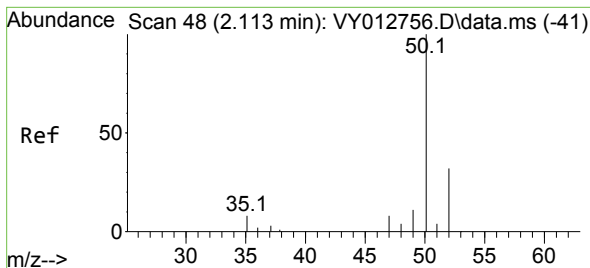
Tgt Ion:168 Resp: 99326
Ion Ratio Lower Upper
168 100
99 53.3 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 44.502 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012958.D
Acq: 15 Mar 2023 16:54

Tgt Ion: 85 Resp: 43568
Ion Ratio Lower Upper
85 100
87 33.4 16.7 50.0





#3

Chloromethane

Concen: 43.176 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY012958.D

Acq: 15 Mar 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

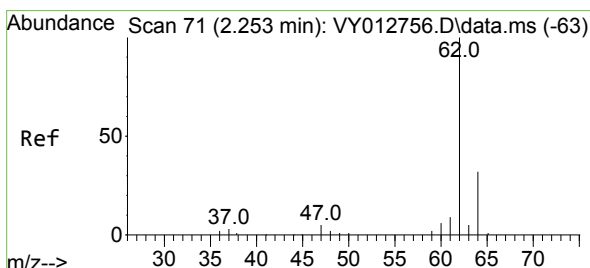
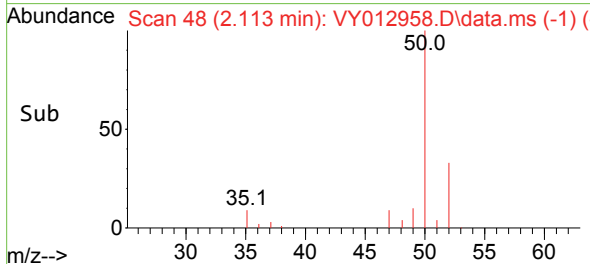
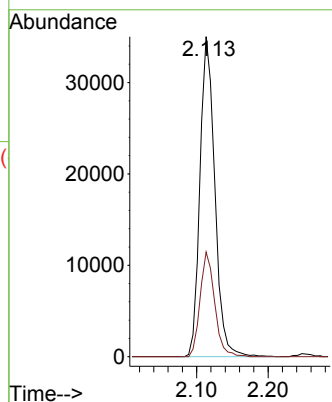
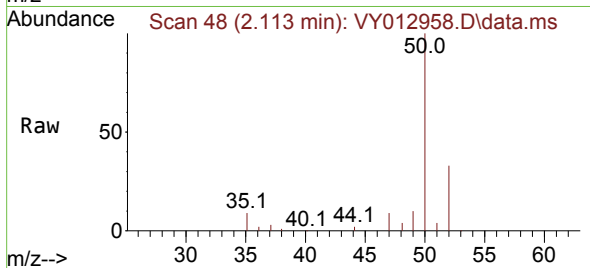
VSTDCCC050EC

Tgt Ion: 50 Resp: 50533

Ion Ratio Lower Upper

50 100

52 32.7 26.0 39.0



#4

Vinyl Chloride

Concen: 47.995 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY012958.D

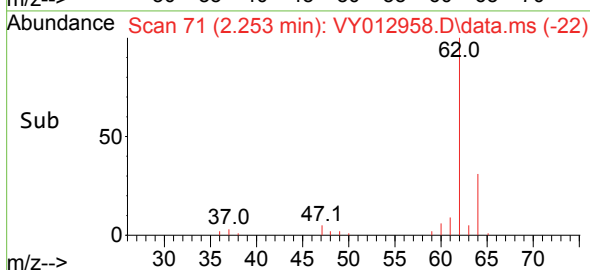
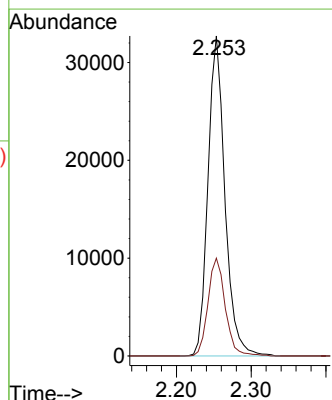
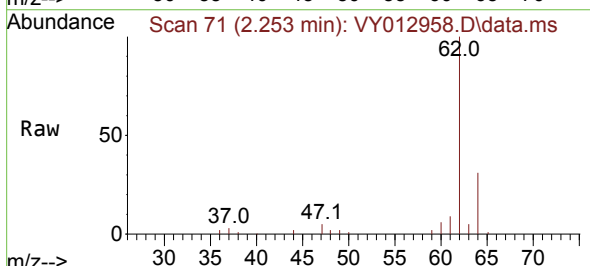
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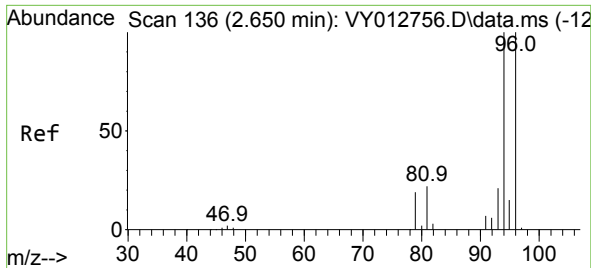
Tgt Ion: 62 Resp: 51510

Ion Ratio Lower Upper

62 100

64 30.6 25.6 38.4





#5

Bromomethane

Concen: 48.504 ug/l

RT: 2.650 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012958.D

Acq: 15 Mar 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

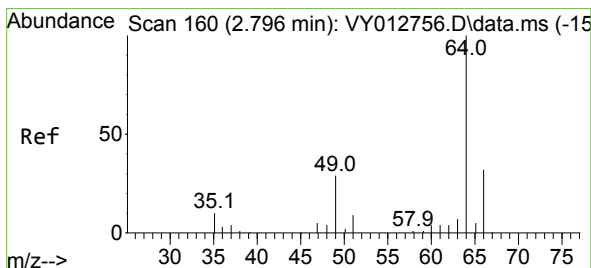
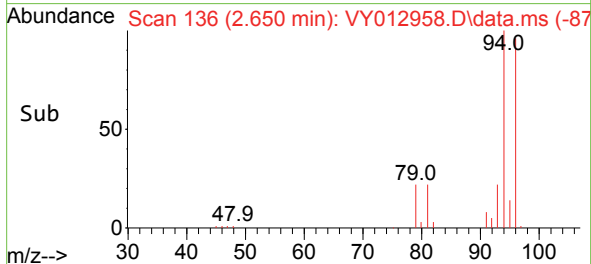
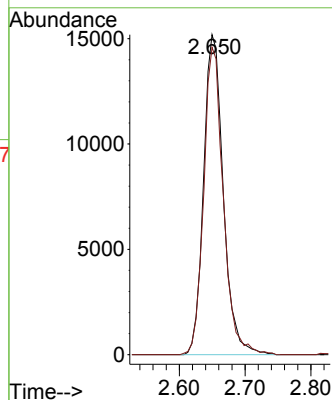
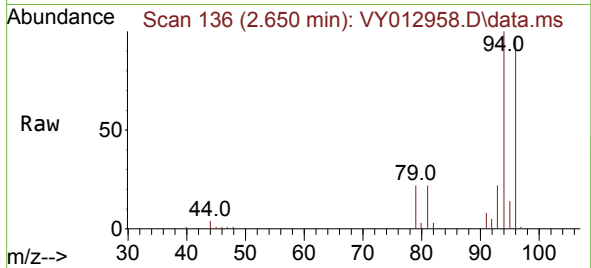
VSTDCCC050EC

Tgt Ion: 94 Resp: 31631

Ion Ratio Lower Upper

94 100

96 96.1 80.3 120.5



#6

Chloroethane

Concen: 50.349 ug/l

RT: 2.796 min Scan# 160

Delta R.T. -0.000 min

Lab File: VY012958.D

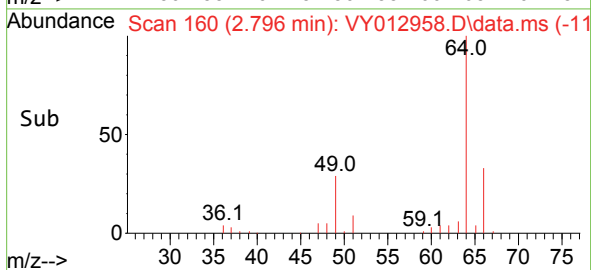
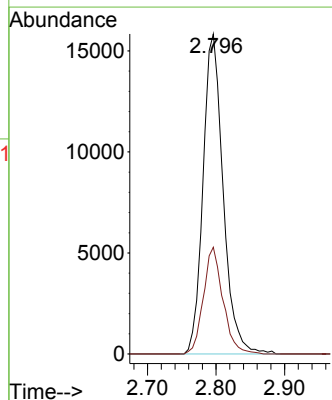
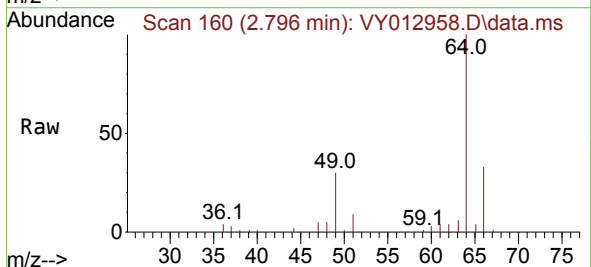
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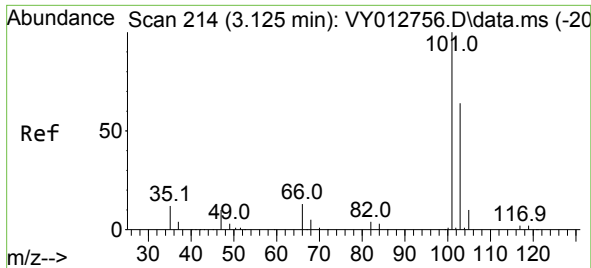
Tgt Ion: 64 Resp: 32362

Ion Ratio Lower Upper

64 100

66 33.4 25.7 38.5

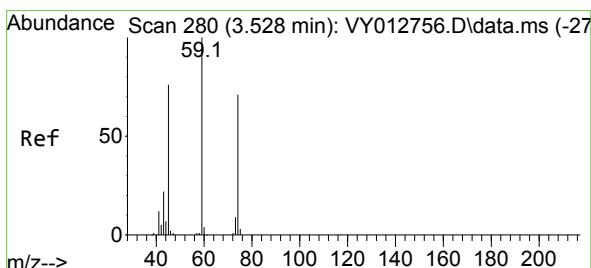
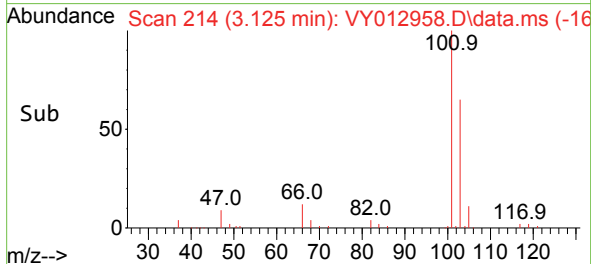
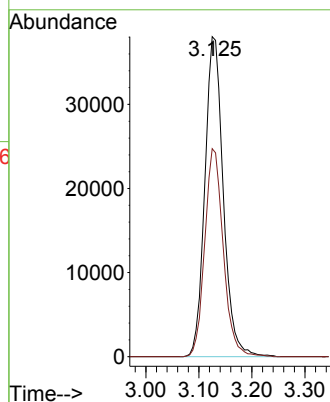
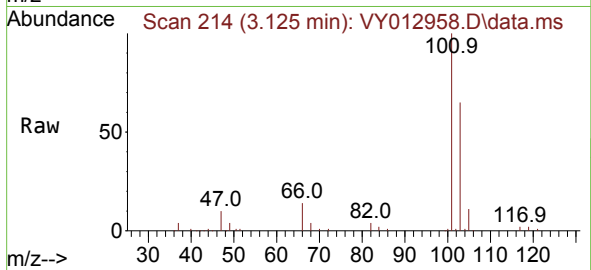




#7
 Trichlorofluoromethane
 Concen: 51.588 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY012958.D
 Acq: 15 Mar 2023 16:54

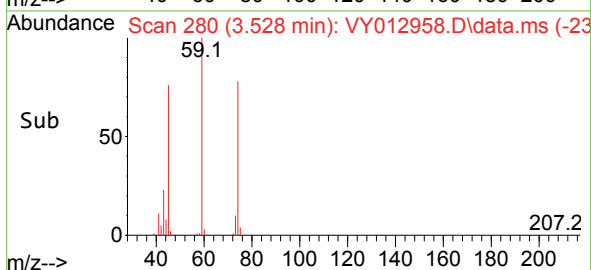
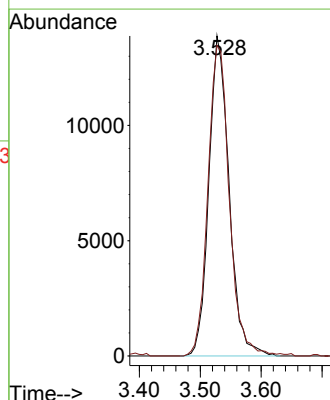
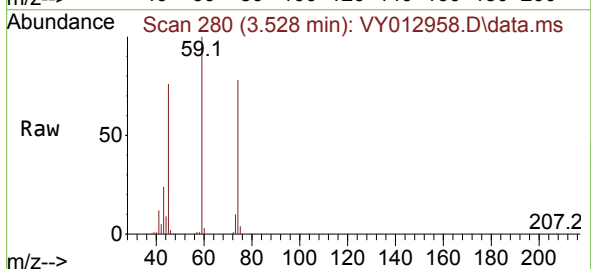
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

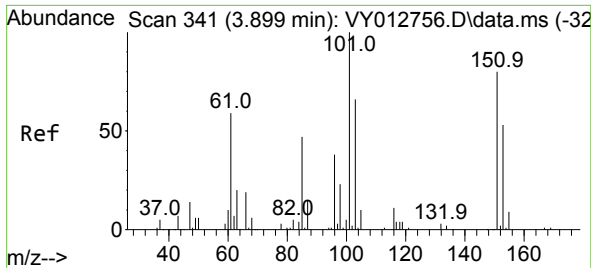
Tgt Ion:101 Resp: 91958
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.5 77.3



#8
 Diethyl Ether
 Concen: 51.346 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. -0.000 min
 Lab File: VY012958.D
 Acq: 15 Mar 2023 16:54

Tgt Ion: 74 Resp: 32074
 Ion Ratio Lower Upper
 74 100
 45 102.8 52.1 156.4

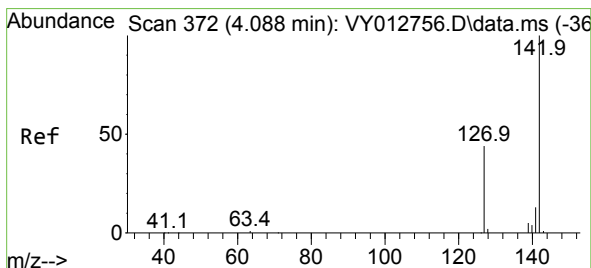
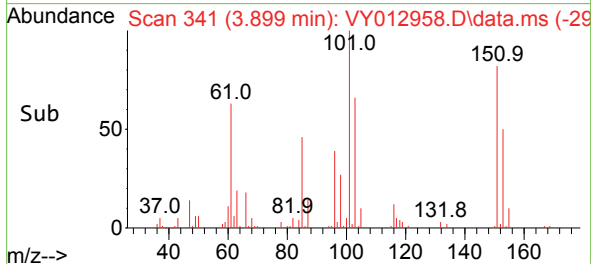
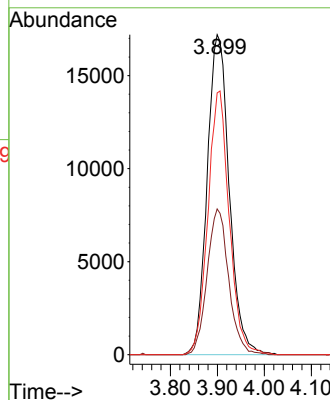
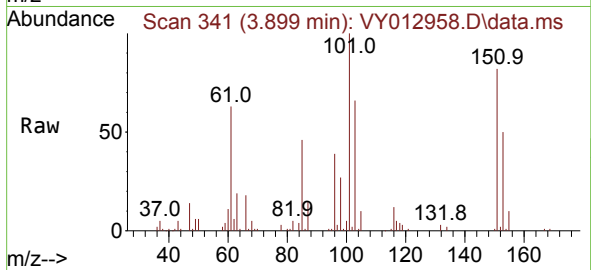




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.293 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY012958.D
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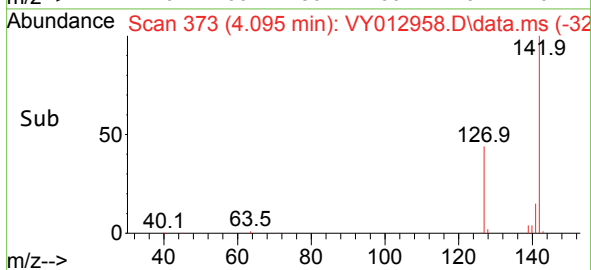
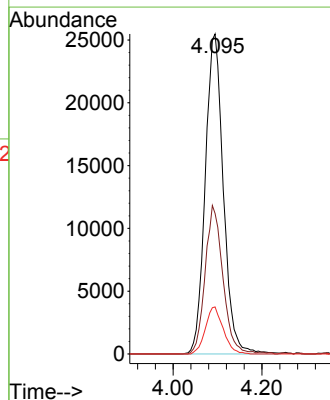
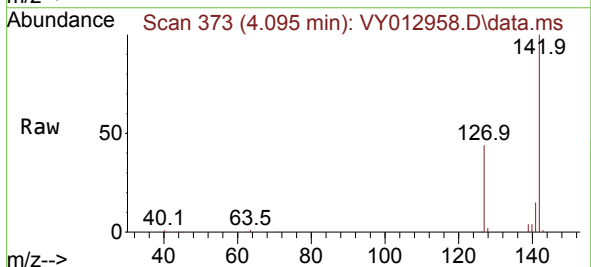
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

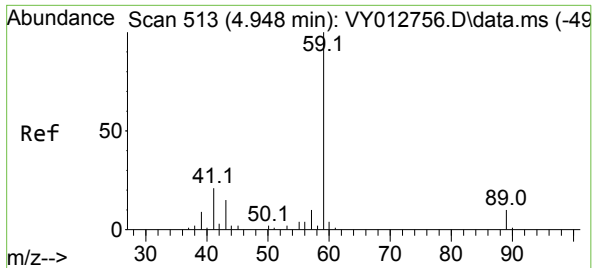
Tgt Ion:101 Resp: 56081
Ion Ratio Lower Upper
101 100
85 44.5 35.3 52.9
151 79.6 63.1 94.7



#10
Methyl Iodide
Concen: 51.715 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY012958.D
Acq: 15 Mar 2023 16:54

Tgt Ion:142 Resp: 72264
Ion Ratio Lower Upper
142 100
127 45.5 35.4 53.2
141 14.5 11.3 16.9

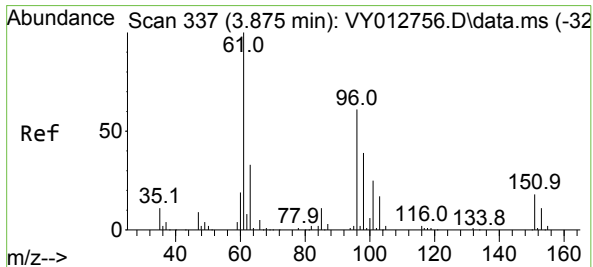
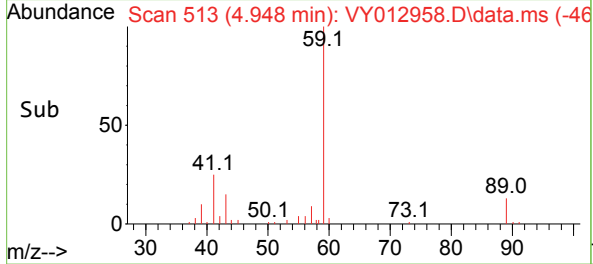
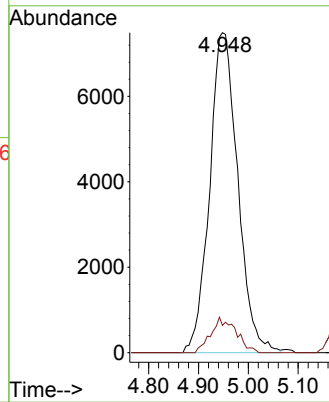
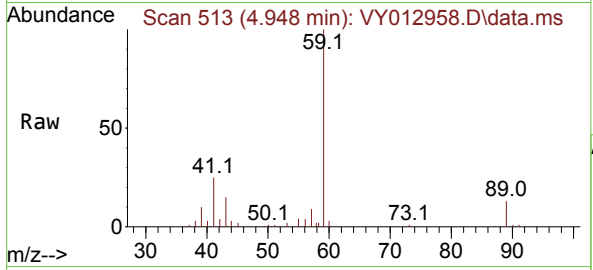




#11
Tert butyl alcohol
Concen: 260.001 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY012958.D
Acq: 15 Mar 2023 16:54

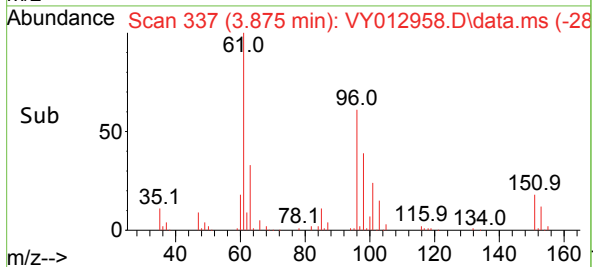
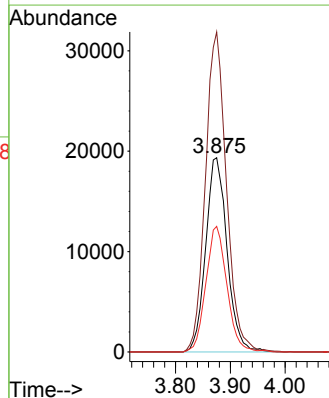
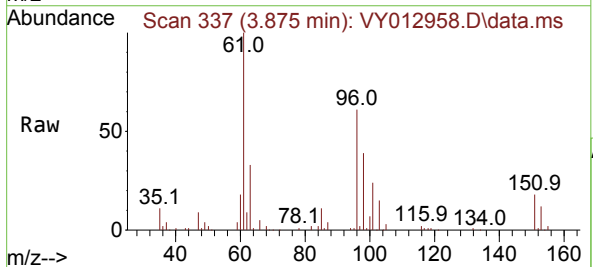
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

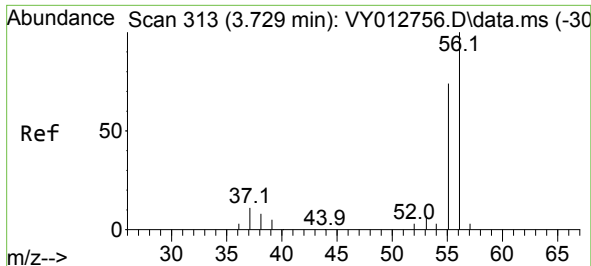
Tgt Ion: 59 Resp: 29396
Ion Ratio Lower Upper
59 100
57 9.8 7.7 11.5



#12
1,1-Dichloroethene
Concen: 51.176 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY012958.D
Acq: 15 Mar 2023 16:54

Tgt Ion: 96 Resp: 52344
Ion Ratio Lower Upper
96 100
61 164.7 131.7 197.5
98 64.7 52.0 78.0





#13

Acrolein

Concen: 157.312 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY012958.D

Acq: 15 Mar 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

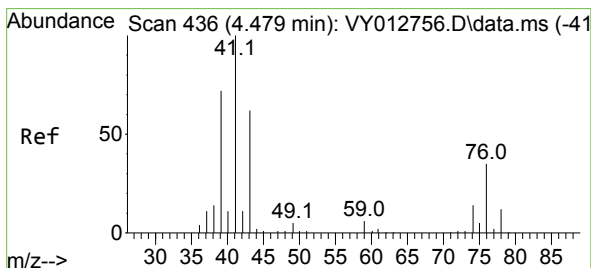
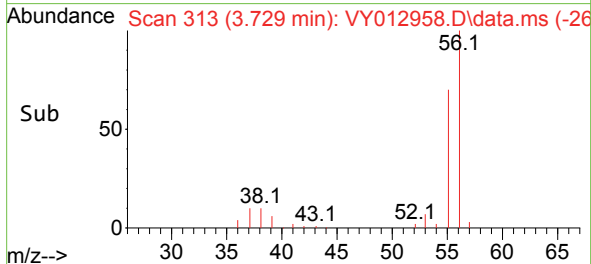
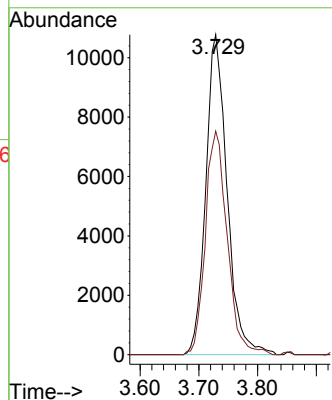
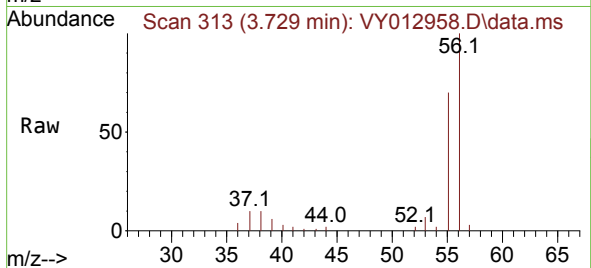
VSTDCCC050EC

Tgt Ion: 56 Resp: 27180

Ion Ratio Lower Upper

56 100

55 71.5 56.8 85.2



#14

Allyl chloride

Concen: 47.526 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY012958.D

Acq: 15 Mar 2023 16:54

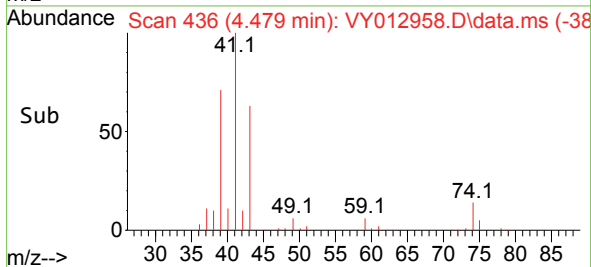
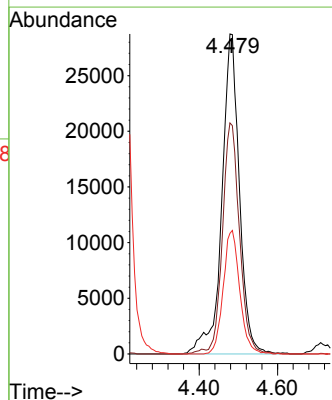
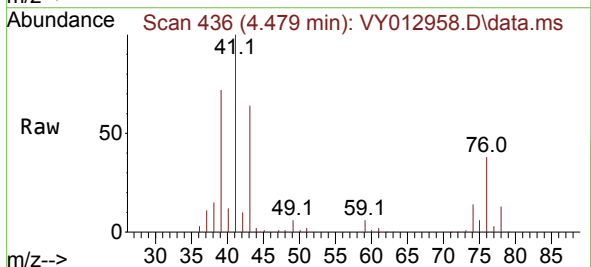
Tgt Ion: 41 Resp: 89795

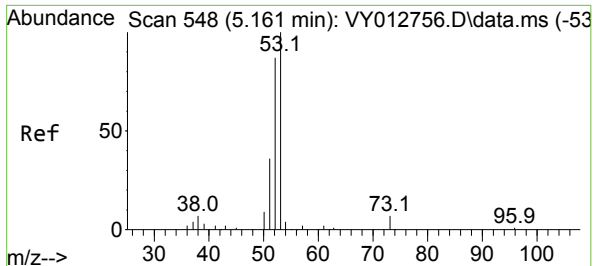
Ion Ratio Lower Upper

41 100

39 70.3 53.6 80.4

76 36.3 27.2 40.8

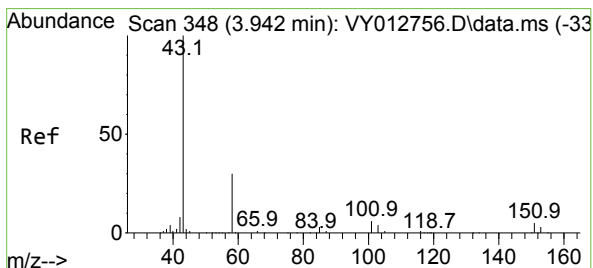
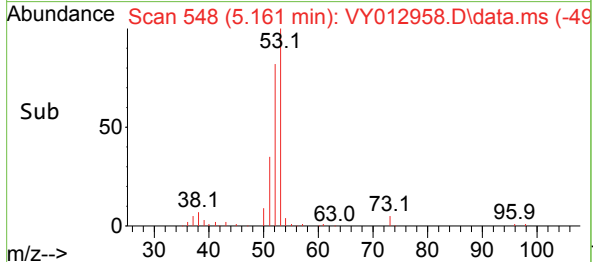
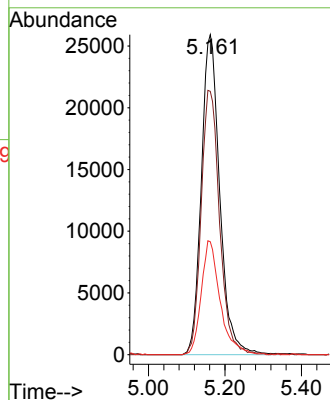
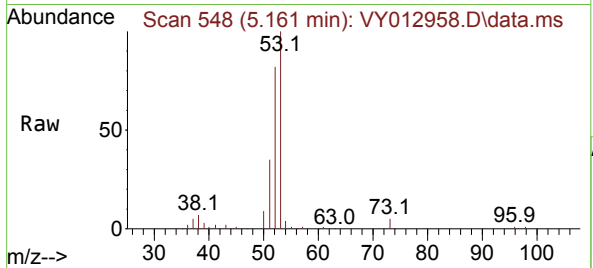




#15
Acrylonitrile
Concen: 263.731 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY012958.D
Acq: 15 Mar 2023 16:54

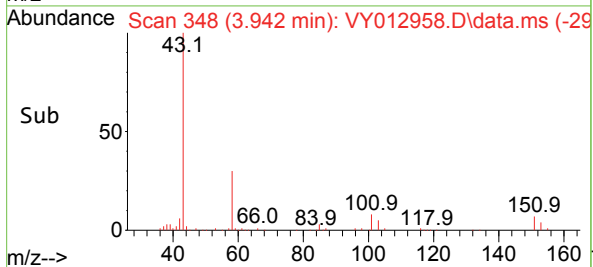
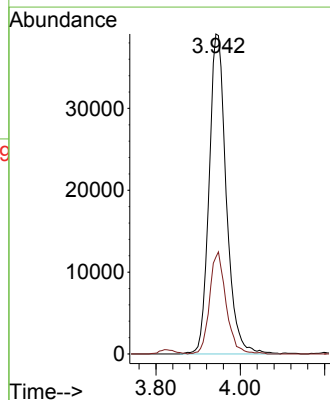
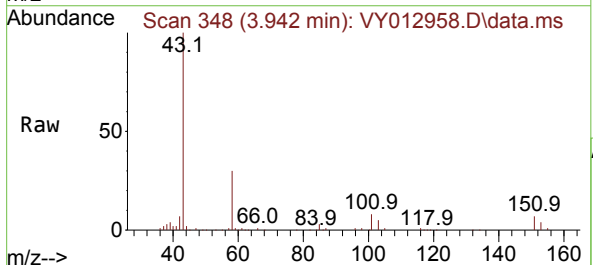
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

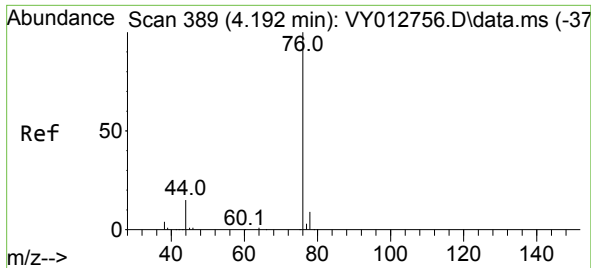
Tgt Ion: 53 Resp: 86803
Ion Ratio Lower Upper
53 100
52 82.6 66.3 99.5
51 36.5 28.8 43.2



#16
Acetone
Concen: 286.420 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY012958.D
Acq: 15 Mar 2023 16:54

Tgt Ion: 43 Resp: 110868
Ion Ratio Lower Upper
43 100
58 30.2 24.2 36.2

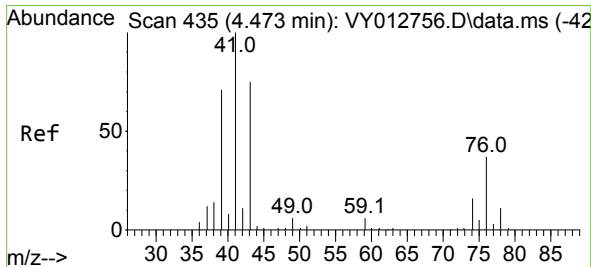
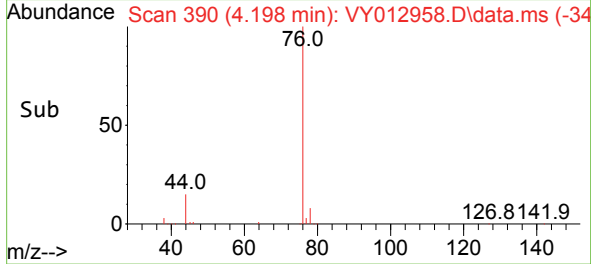
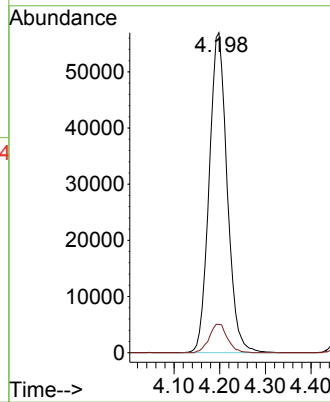
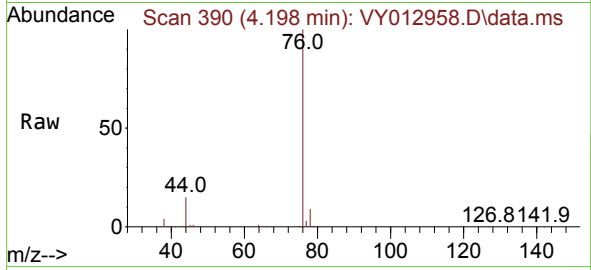




#17
Carbon Disulfide
Concen: 44.686 ug/l
RT: 4.198 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY012958.D
Acq: 15 Mar 2023 16:54

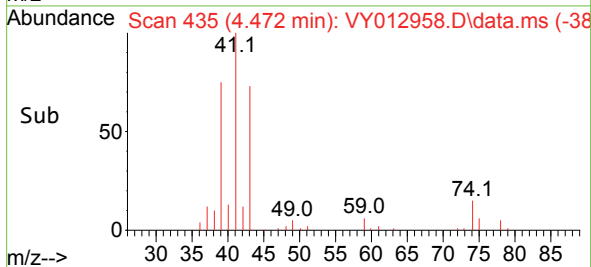
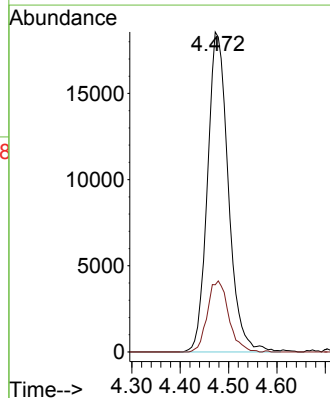
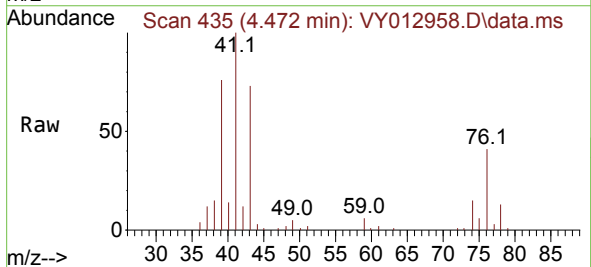
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

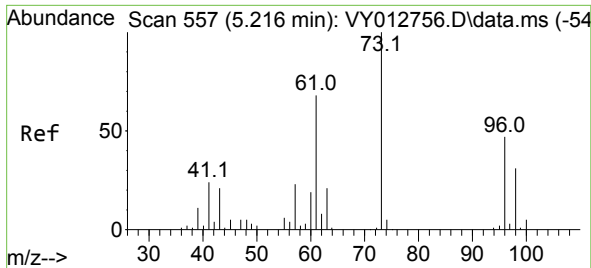
Tgt Ion: 76 Resp: 155575
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7



#18
Methyl Acetate
Concen: 48.249 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY012958.D
Acq: 15 Mar 2023 16:54

Tgt Ion: 43 Resp: 55617
Ion Ratio Lower Upper
43 100
74 22.7 17.4 26.0

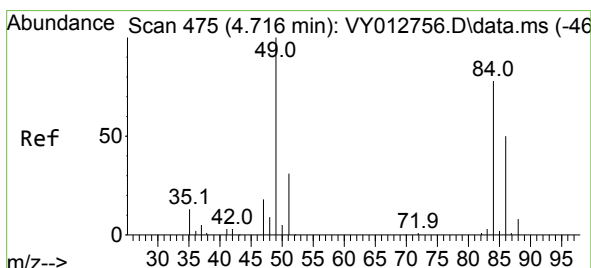
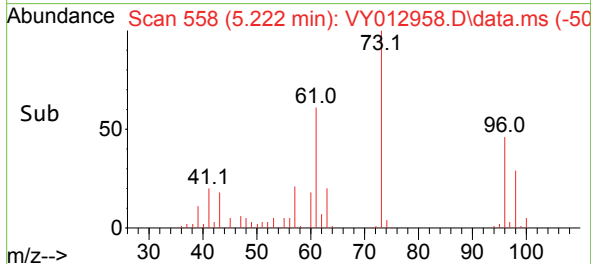
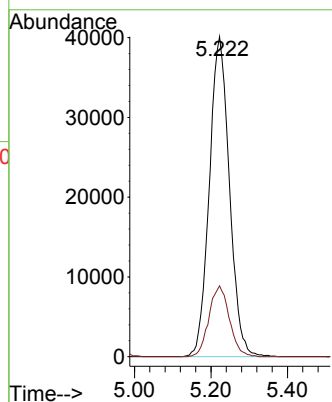
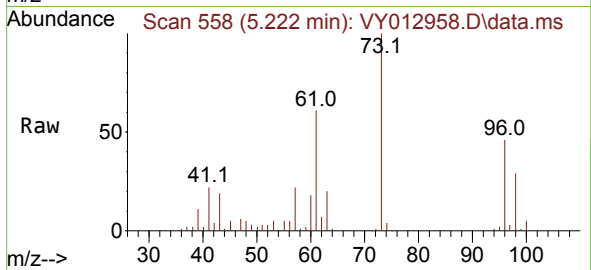




#19
Methyl tert-butyl Ether
Concen: 55.331 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY012958.D
Acq: 15 Mar 2023 16:54

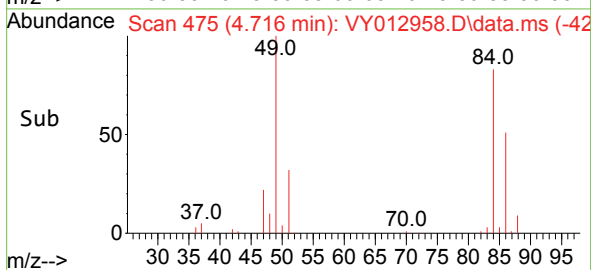
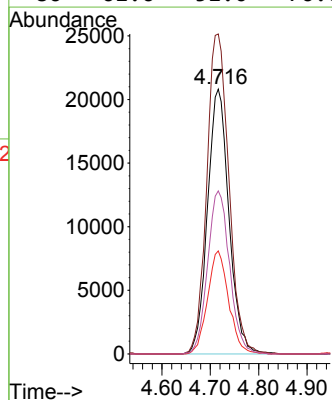
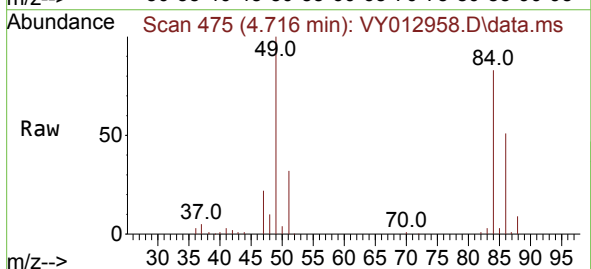
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

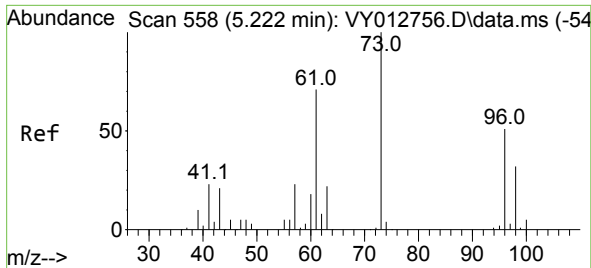
Tgt Ion: 73 Resp: 146182
Ion Ratio Lower Upper
73 100
57 22.2 18.3 27.5



#20
Methylene Chloride
Concen: 54.857 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012958.D
Acq: 15 Mar 2023 16:54

Tgt Ion: 84 Resp: 64180
Ion Ratio Lower Upper
84 100
49 120.8 102.6 154.0
51 38.9 31.9 47.9
86 61.6 51.0 76.6

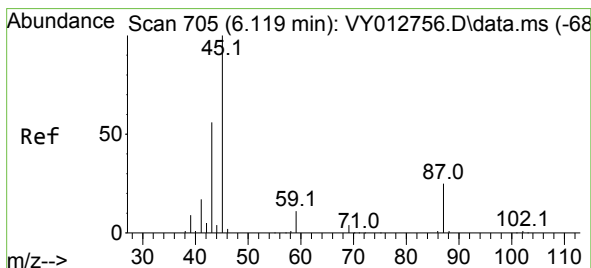
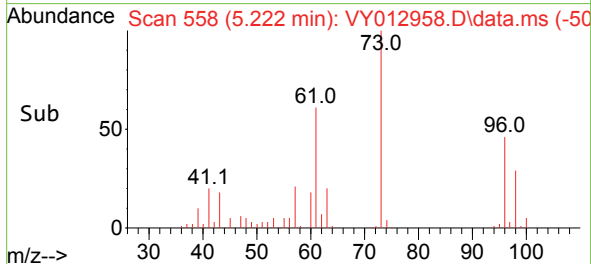
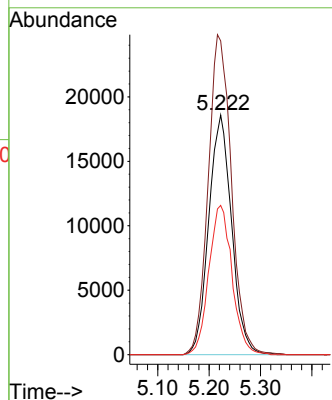
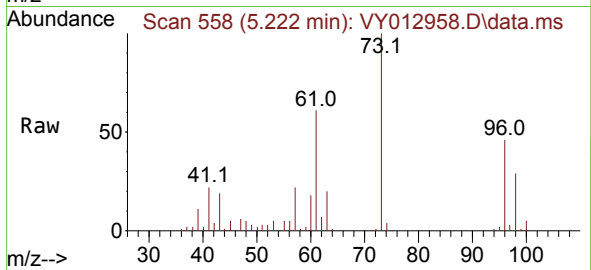




#21
trans-1,2-Dichloroethene
Concen: 51.653 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY012958.D
Acq: 15 Mar 2023 16:54

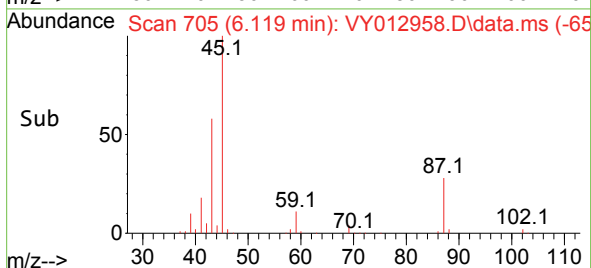
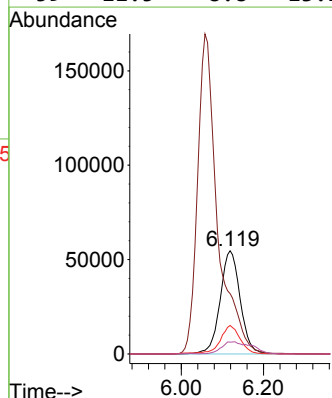
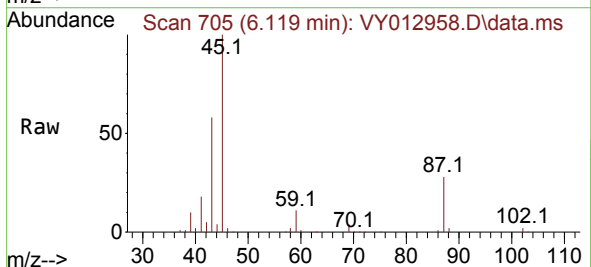
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

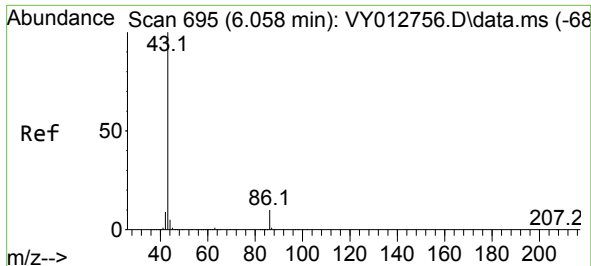
Tgt Ion: 96 Resp: 57413
Ion Ratio Lower Upper
96 100
61 130.9 111.4 167.0
98 62.3 50.8 76.2



#22
Diisopropyl ether
Concen: 53.860 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY012958.D
Acq: 15 Mar 2023 16:54

Tgt Ion: 45 Resp: 184828
Ion Ratio Lower Upper
45 100
43 57.9 45.0 67.6
87 27.6 20.3 30.5
59 11.5 8.8 13.2

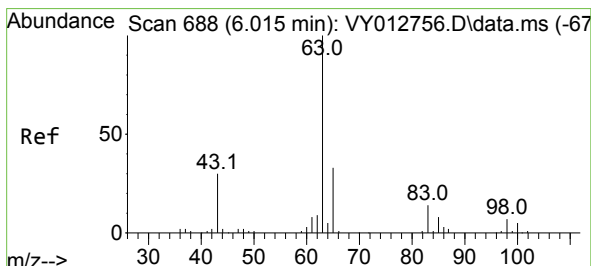
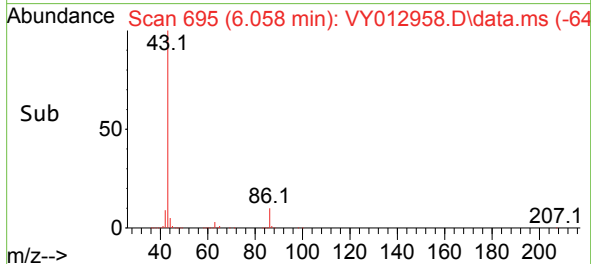
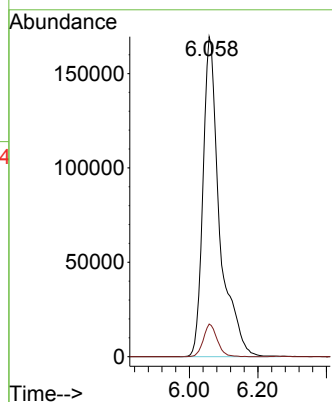
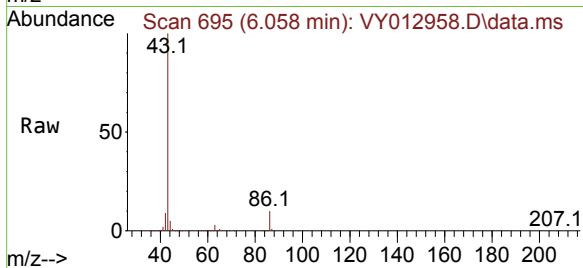




#23
 Vinyl Acetate
 Concen: 269.173 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY012958.D
 Acq: 15 Mar 2023 16:54

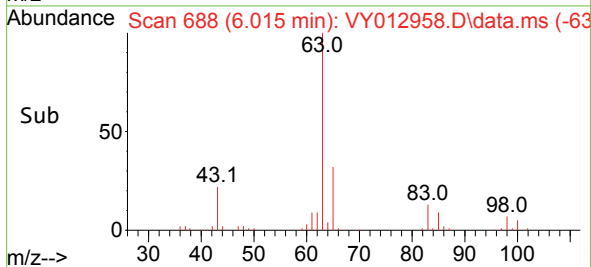
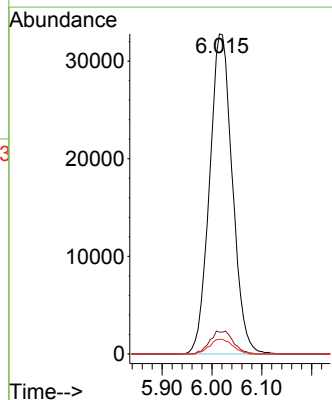
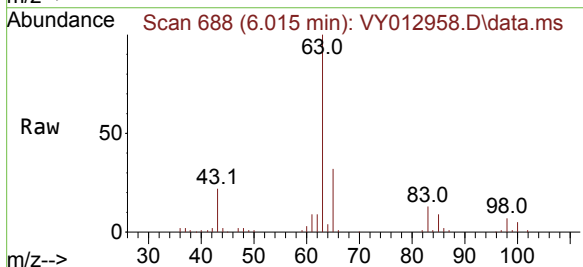
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

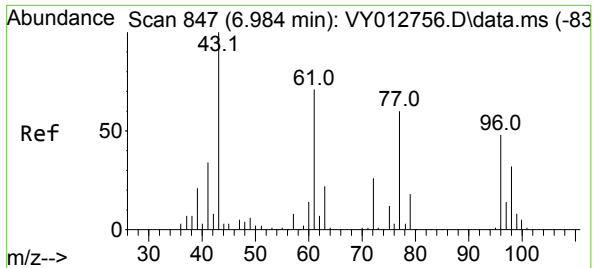
Tgt Ion: 43 Resp: 573939
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 53.315 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY012958.D
 Acq: 15 Mar 2023 16:54

Tgt Ion: 63 Resp: 104256
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.7 11.1
 100 4.5 2.3 6.8





#25

2-Butanone

Concen: 269.386 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012958.D

Acq: 15 Mar 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

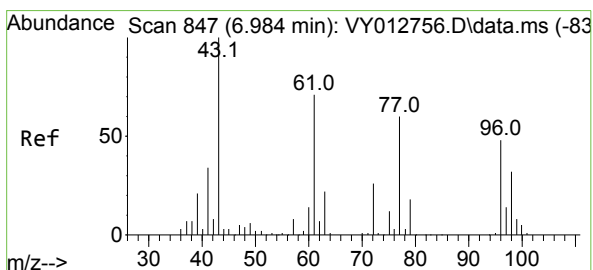
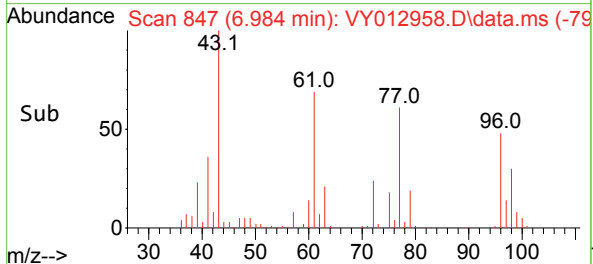
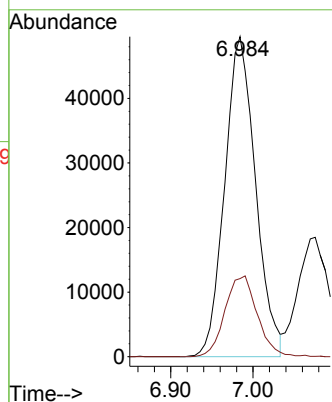
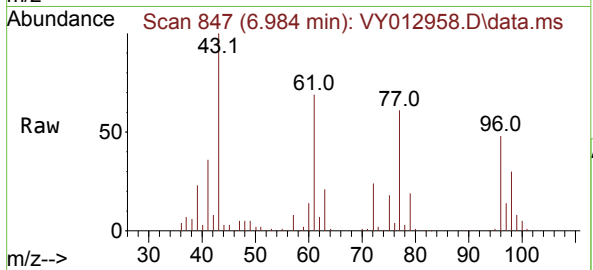
VSTDCCC050EC

Tgt Ion: 43 Resp: 129153

Ion Ratio Lower Upper

43 100

72 24.4 21.0 31.4



#26

2,2-Dichloropropane

Concen: 53.368 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012958.D

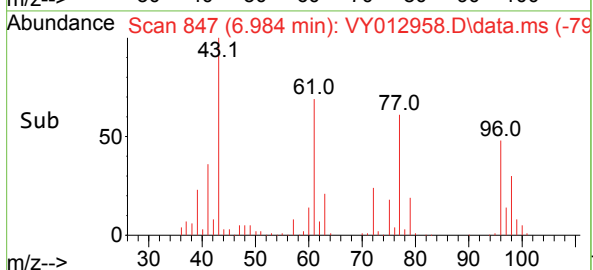
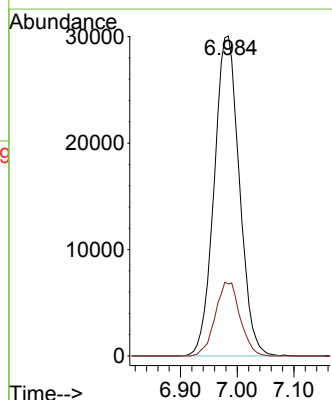
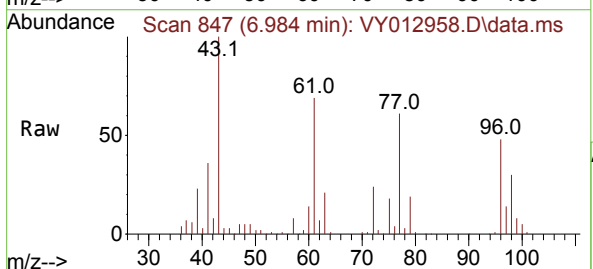
Acq: 15 Mar 2023 16:54

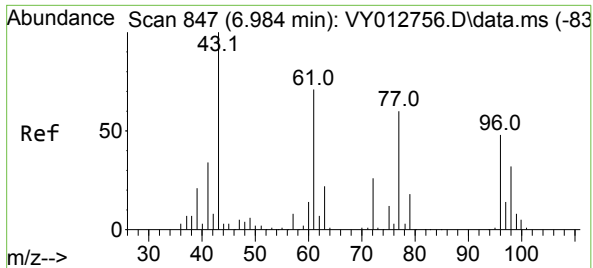
Tgt Ion: 77 Resp: 92687

Ion Ratio Lower Upper

77 100

97 22.7 11.7 35.0

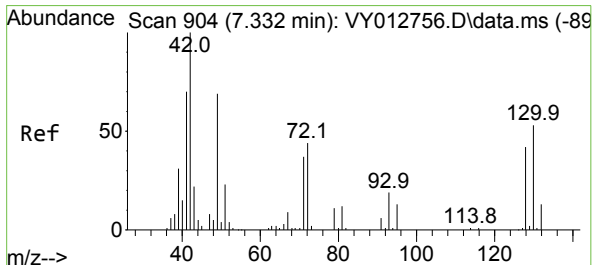
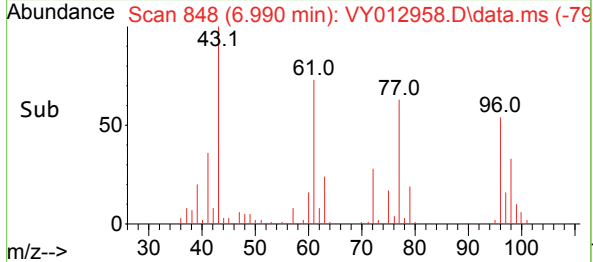
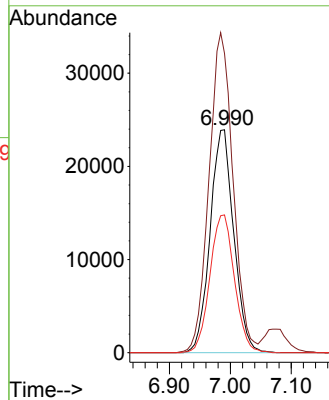
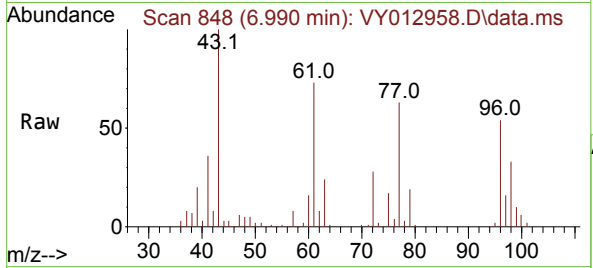




#27
 cis-1,2-Dichloroethene
 Concen: 54.119 ug/l
 RT: 6.990 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY012958.D
 Acq: 15 Mar 2023 16:54

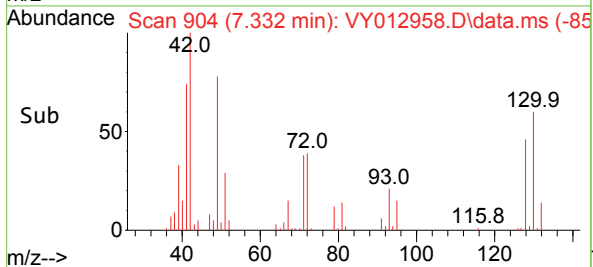
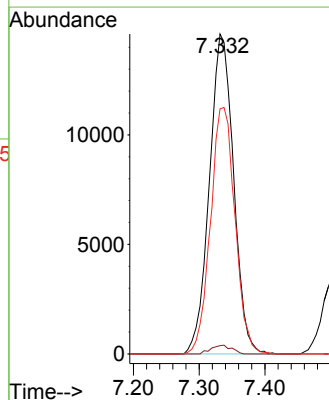
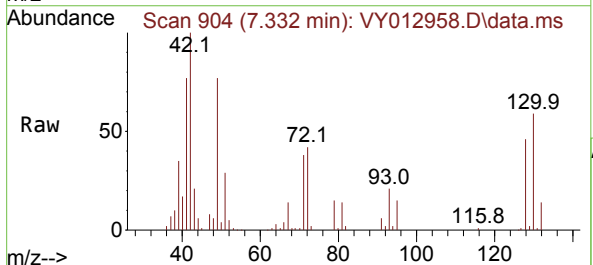
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

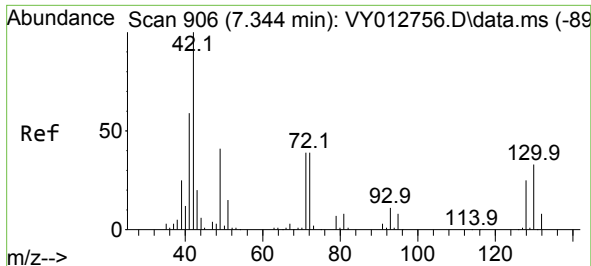
Tgt Ion: 96 Resp: 64493
 Ion Ratio Lower Upper
 96 100
 61 146.0 0.0 295.8
 98 64.2 0.0 130.2



#28
 Bromochloromethane
 Concen: 52.241 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY012958.D
 Acq: 15 Mar 2023 16:54

Tgt Ion: 49 Resp: 37332
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.2
 130 78.1 60.5 90.7

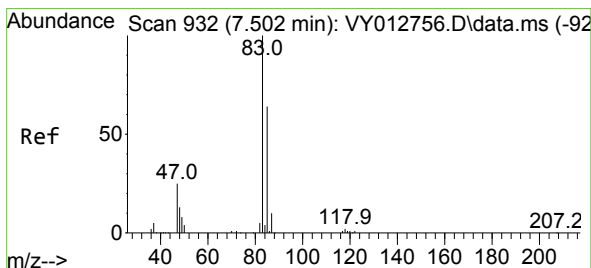
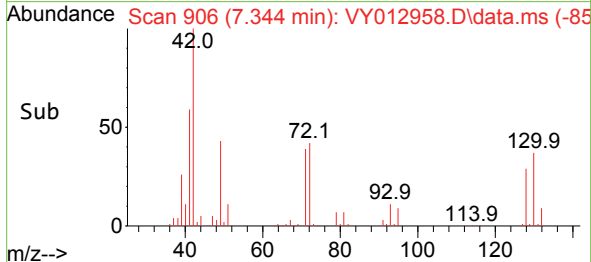
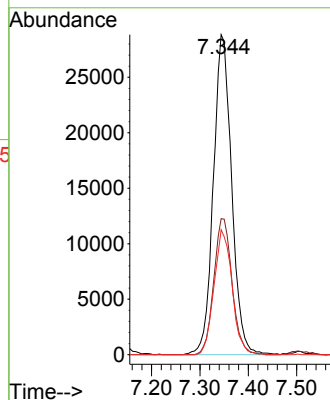
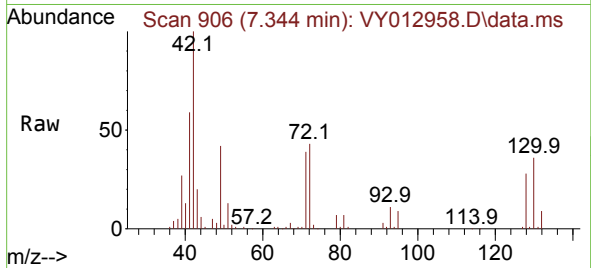




#29
Tetrahydrofuran
Concen: 262.256 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY012958.D
Acq: 15 Mar 2023 16:54

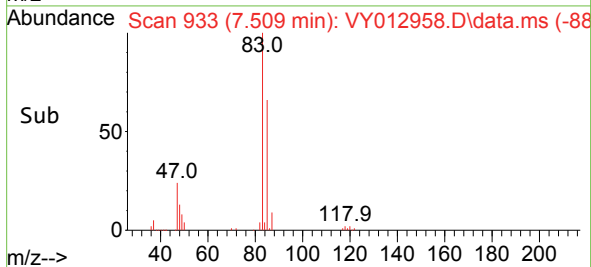
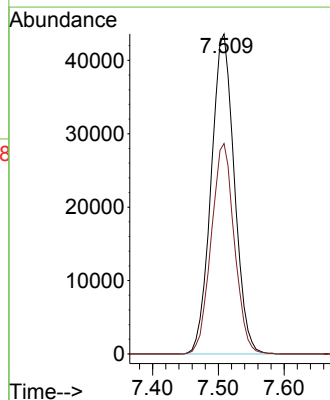
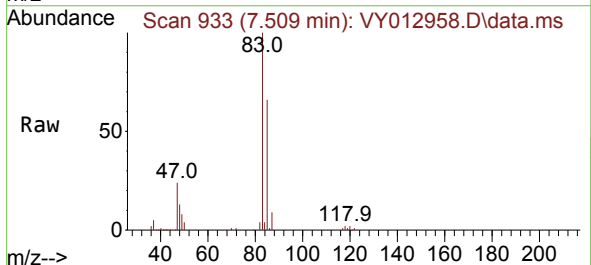
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

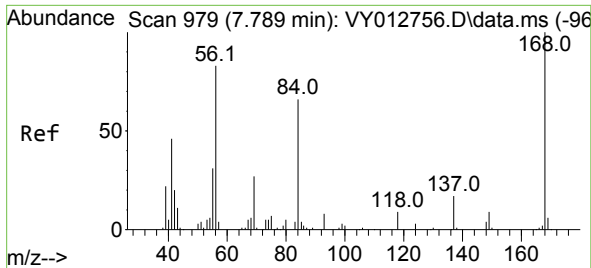
Tgt Ion:	42	Resp:	75833
Ion	Ratio	Lower	Upper
42	100		
72	42.4	32.3	48.5
71	38.4	30.3	45.5



#30
Chloroform
Concen: 55.451 ug/l
RT: 7.509 min Scan# 933
Delta R.T. 0.007 min
Lab File: VY012958.D
Acq: 15 Mar 2023 16:54

Tgt Ion:	83	Resp:	107104
Ion	Ratio	Lower	Upper
83	100		
85	65.8	51.4	77.0

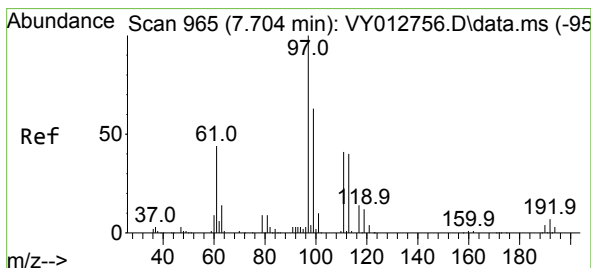
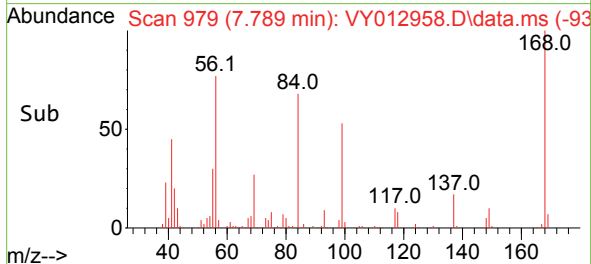
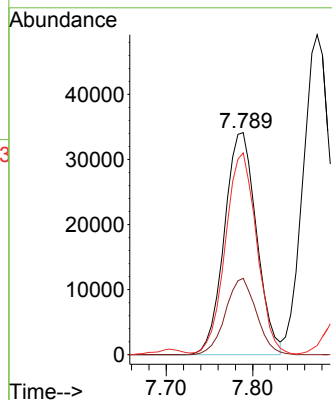
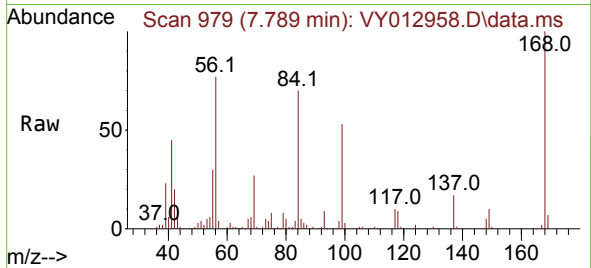




#31
Cyclohexane
Concen: 46.647 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012958.D
Acq: 15 Mar 2023 16:54

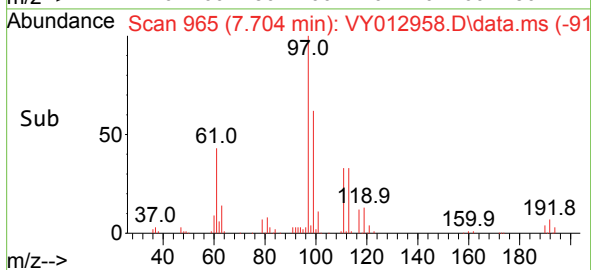
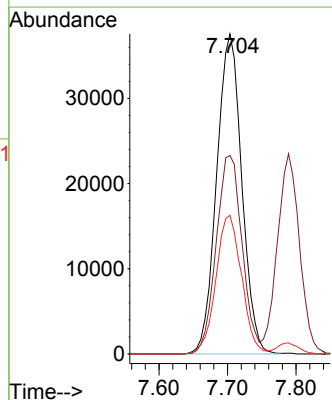
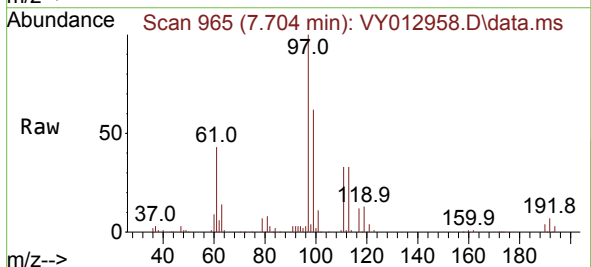
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

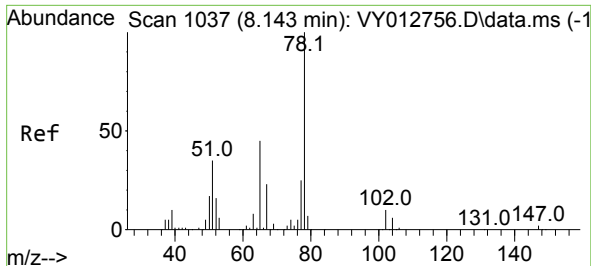
Tgt Ion: 56 Resp: 88102
Ion Ratio Lower Upper
56 100
69 34.4 25.7 38.5
84 89.2 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 54.745 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY012958.D
Acq: 15 Mar 2023 16:54

Tgt Ion: 97 Resp: 95626
Ion Ratio Lower Upper
97 100
99 63.8 51.0 76.6
61 44.2 34.5 51.7

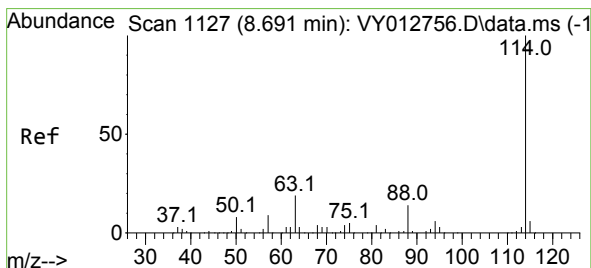
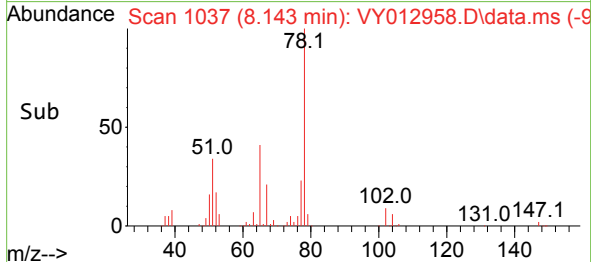
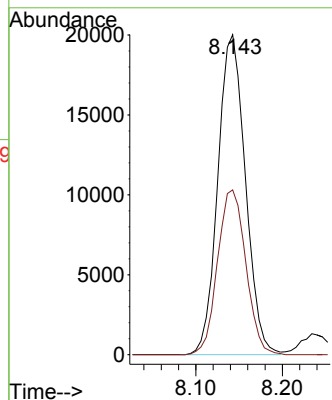
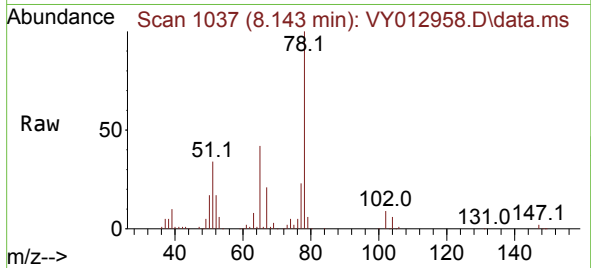




#33
1,2-Dichloroethane-d4
Concen: 44.899 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012958.D
Acq: 15 Mar 2023 16:54

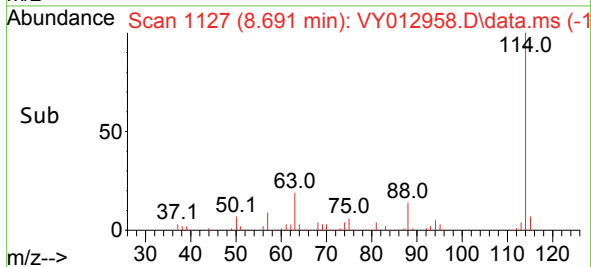
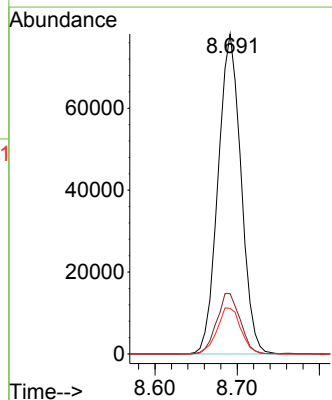
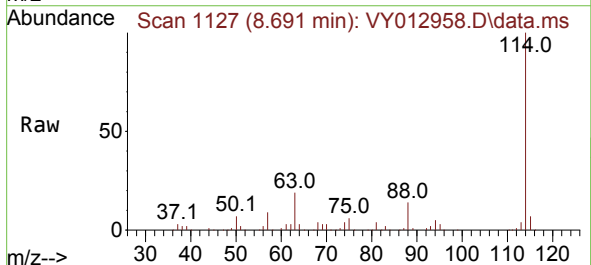
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 44278
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012958.D
Acq: 15 Mar 2023 16:54

Tgt Ion:114 Resp: 151295
Ion Ratio Lower Upper
114 100
63 18.9 0.0 37.4
88 14.3 0.0 28.6





#35

Dibromofluoromethane

Concen: 48.693 ug/l

RT: 7.722 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY012958.D

Acq: 15 Mar 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

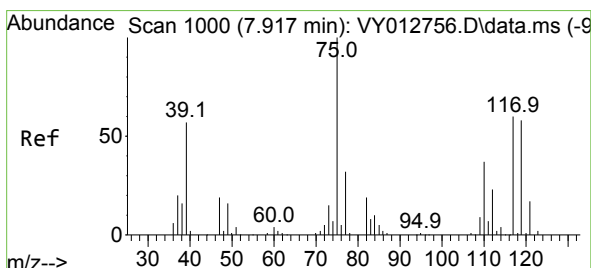
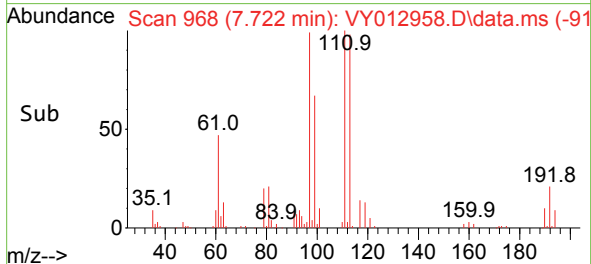
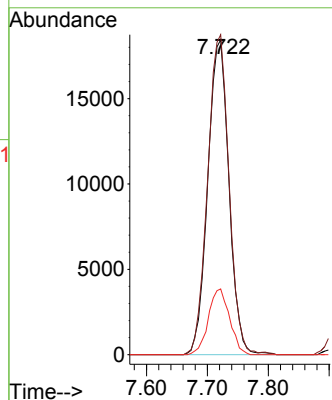
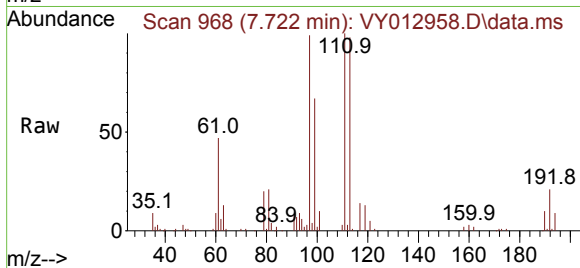
Tgt Ion:113 Resp: 44460

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.2

192 20.9 16.8 25.2



#36

1,1-Dichloropropene

Concen: 52.484 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY012958.D

Acq: 15 Mar 2023 16:54

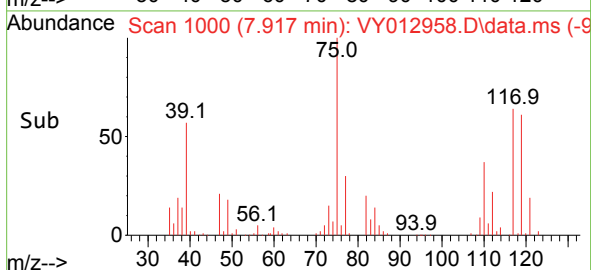
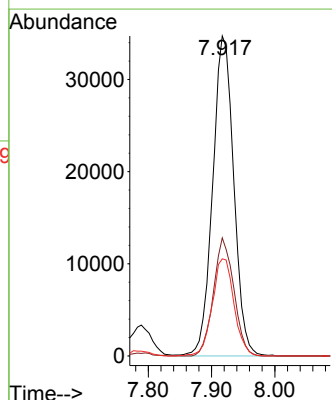
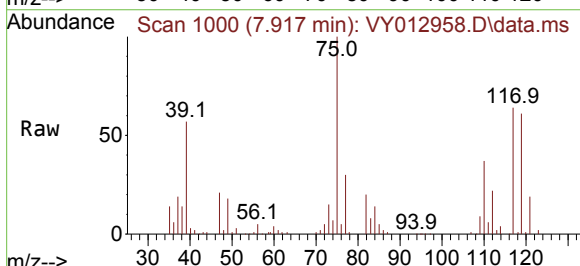
Tgt Ion: 75 Resp: 80306

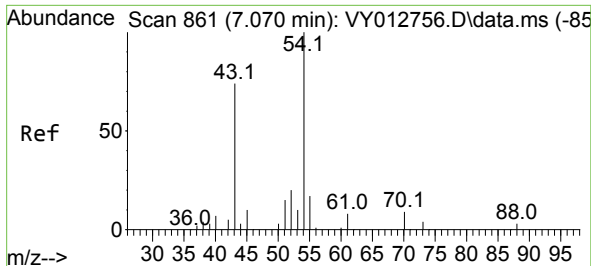
Ion Ratio Lower Upper

75 100

110 35.7 17.8 53.3

77 31.3 25.0 37.4





#37

Ethyl Acetate

Concen: 52.341 ug/l

RT: 7.076 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY012958.D

Acq: 15 Mar 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

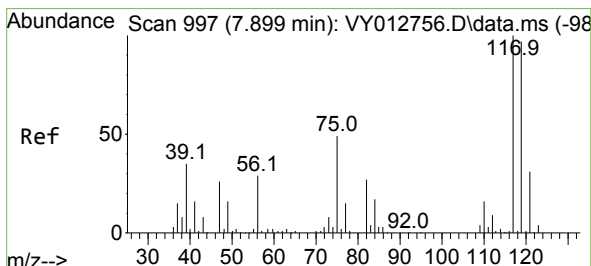
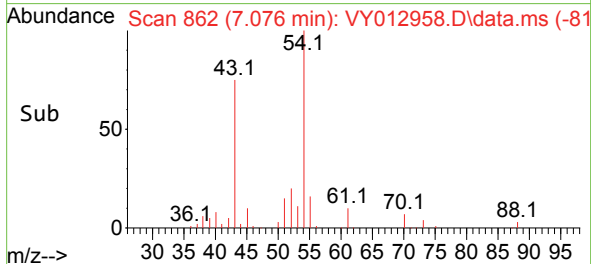
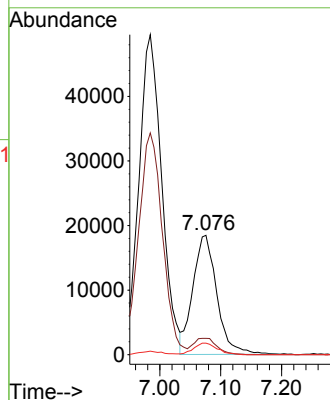
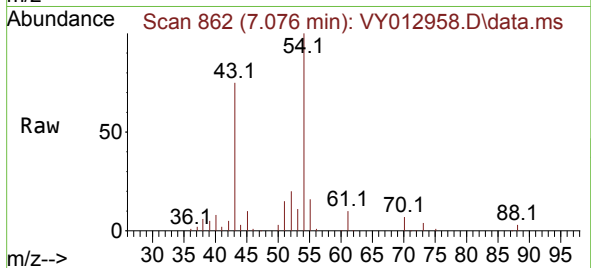
Tgt Ion: 43 Resp: 50477

Ion Ratio Lower Upper

43 100

61 13.4 10.7 16.1

70 9.6 7.8 11.8



#38

Carbon Tetrachloride

Concen: 55.956 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.006 min

Lab File: VY012958.D

Acq: 15 Mar 2023 16:54

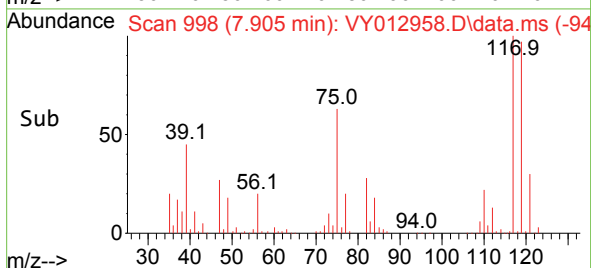
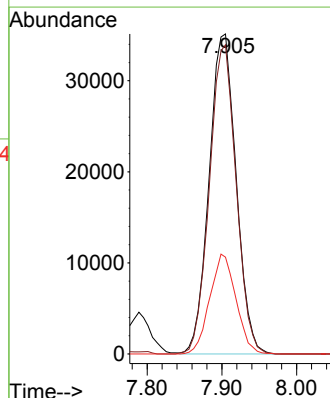
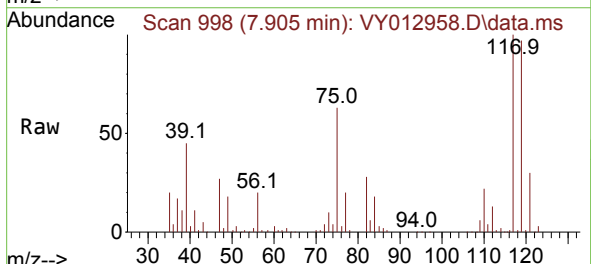
Tgt Ion: 117 Resp: 88415

Ion Ratio Lower Upper

117 100

119 96.6 77.2 115.8

121 30.3 24.7 37.1





#39

Methylcyclohexane

Concen: 51.815 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012958.D

Acq: 15 Mar 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

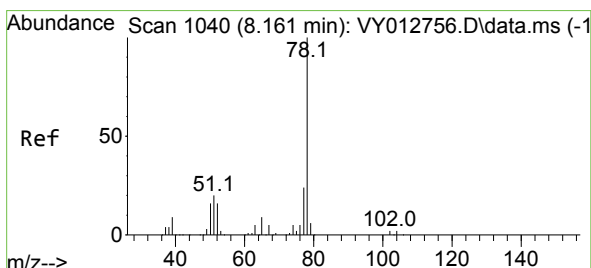
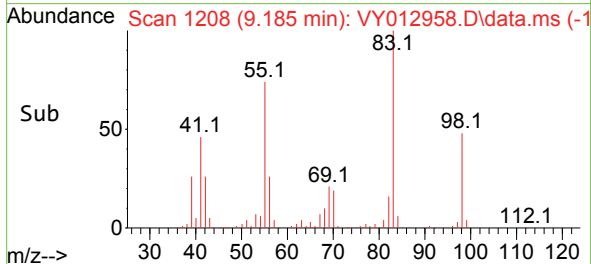
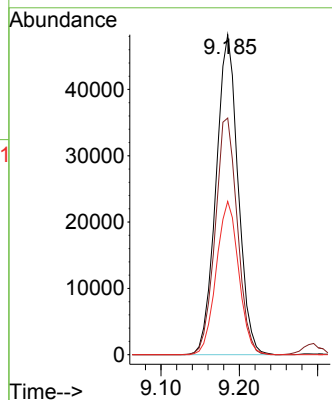
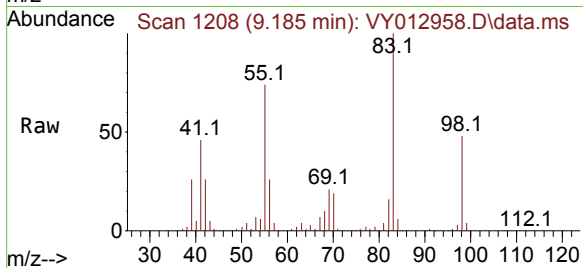
Tgt Ion: 83 Resp: 94257

Ion Ratio Lower Upper

83 100

55 73.9 60.0 90.0

98 47.9 38.3 57.5



#40

Benzene

Concen: 53.761 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012958.D

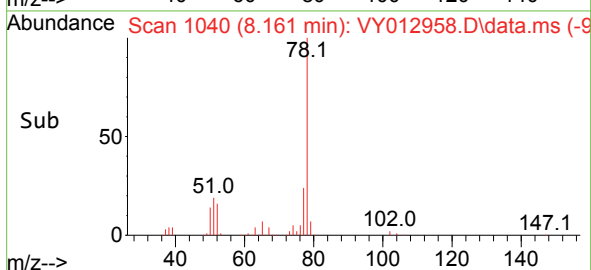
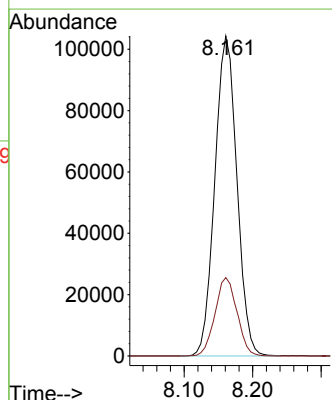
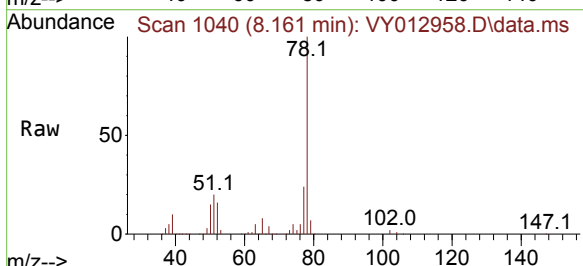
Acq: 15 Mar 2023 16:54

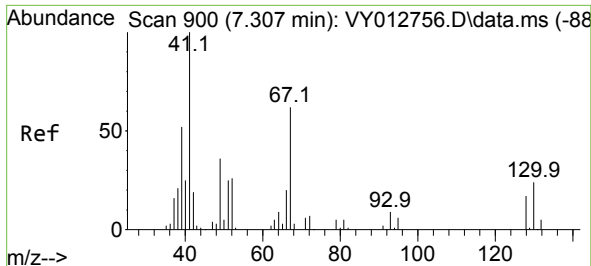
Tgt Ion: 78 Resp: 232688

Ion Ratio Lower Upper

78 100

77 24.5 19.4 29.0

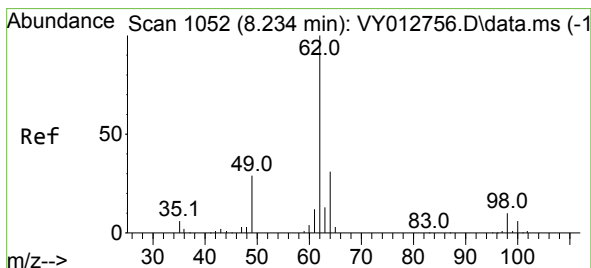
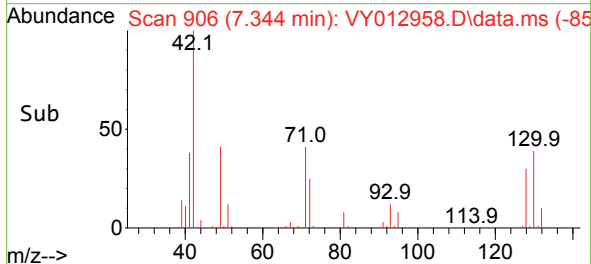
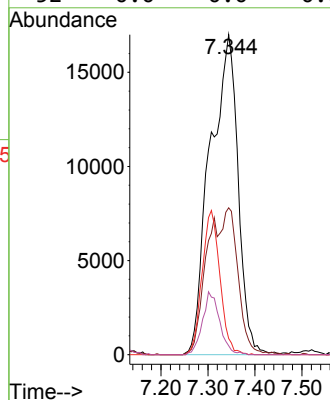
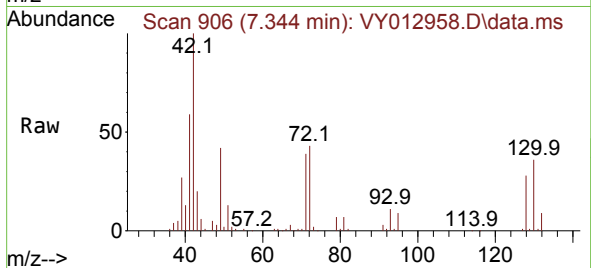




#41
Methacrylonitrile
Concen: 134.984 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY012958.D
Acq: 15 Mar 2023 16:54

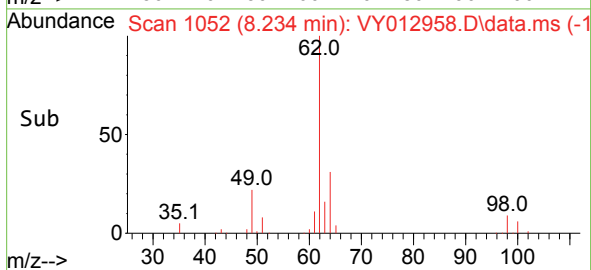
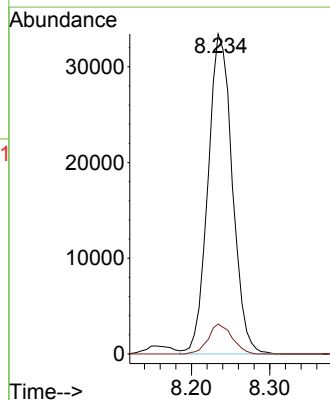
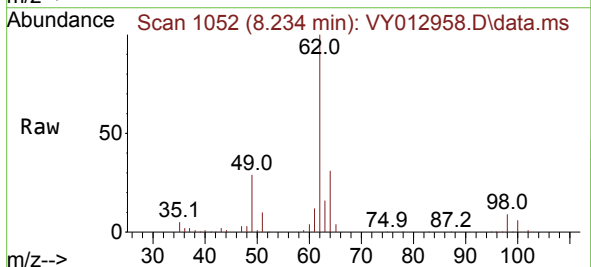
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

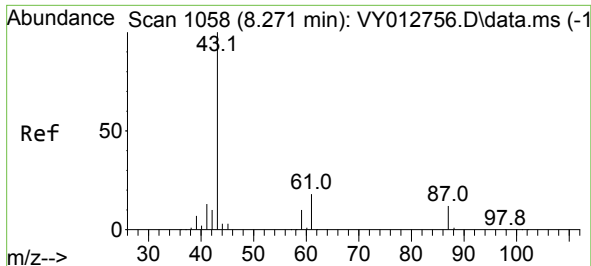
Tgt Ion:	41	Resp:	70136
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 55.466 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY012958.D
Acq: 15 Mar 2023 16:54

Tgt Ion:	62	Resp:	72176
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.8

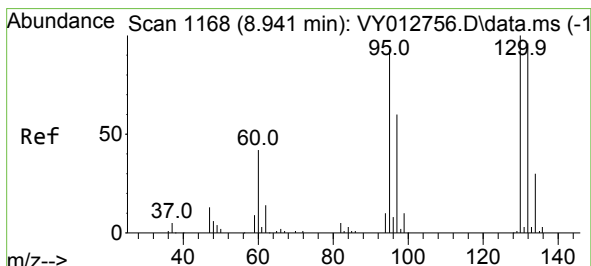
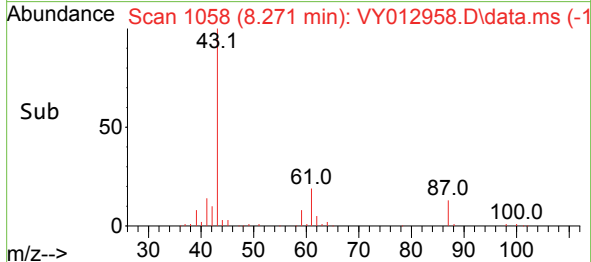
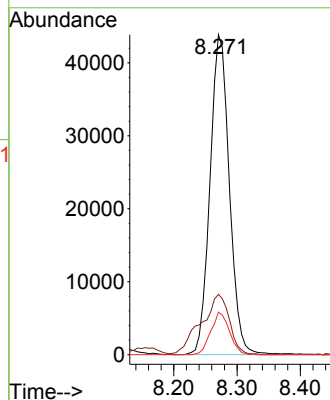
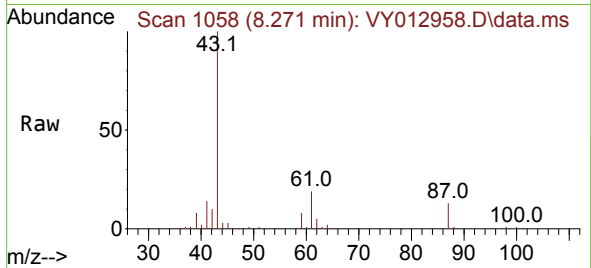




#43
Isopropyl Acetate
Concen: 54.177 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY012958.D
Acq: 15 Mar 2023 16:54

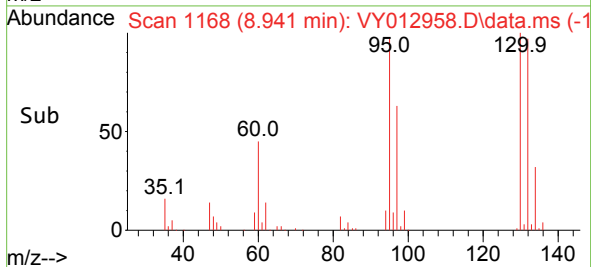
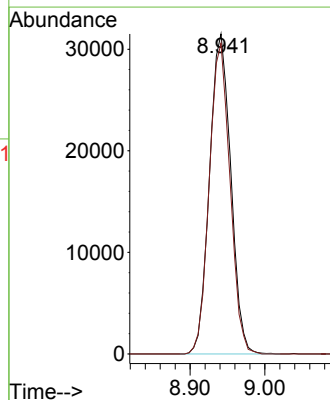
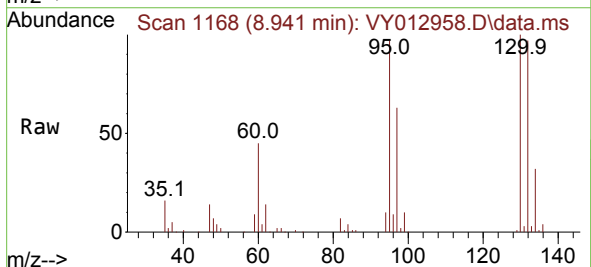
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

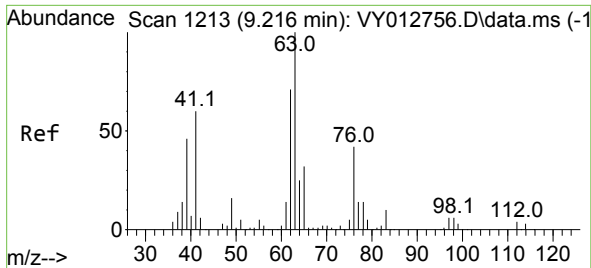
Tgt Ion: 43 Resp: 93217
Ion Ratio Lower Upper
43 100
61 27.6 21.6 32.4
87 12.8 9.9 14.9



#44
Trichloroethene
Concen: 54.563 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY012958.D
Acq: 15 Mar 2023 16:54

Tgt Ion:130 Resp: 62264
Ion Ratio Lower Upper
130 100
95 97.1 0.0 185.0





#45

1,2-Dichloropropane

Concen: 54.224 ug/l

RT: 9.216 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012958.D

Acq: 15 Mar 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

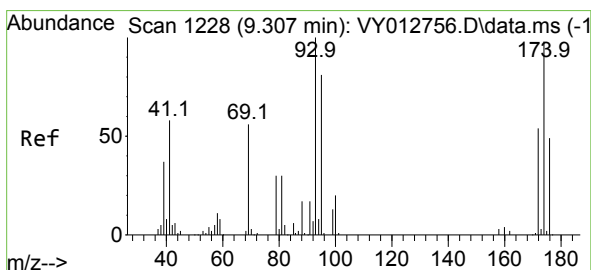
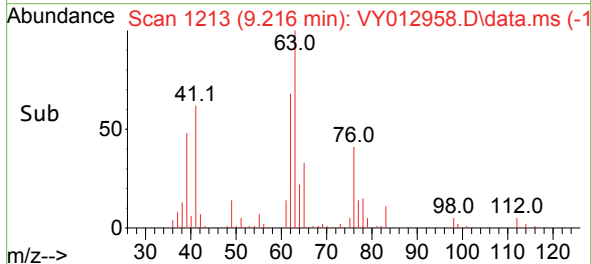
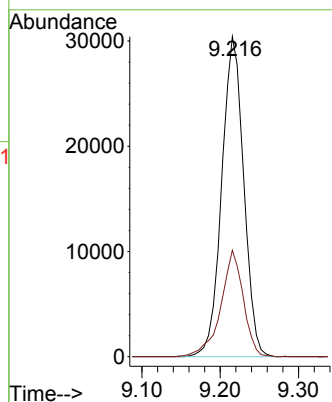
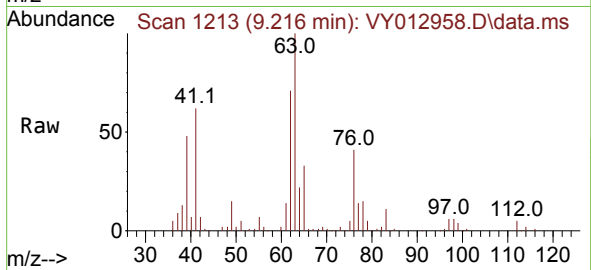
VSTDCCC050EC

Tgt Ion: 63 Resp: 59313

Ion Ratio Lower Upper

63 100

65 33.2 25.7 38.5



#46

Dibromomethane

Concen: 56.761 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY012958.D

Acq: 15 Mar 2023 16:54

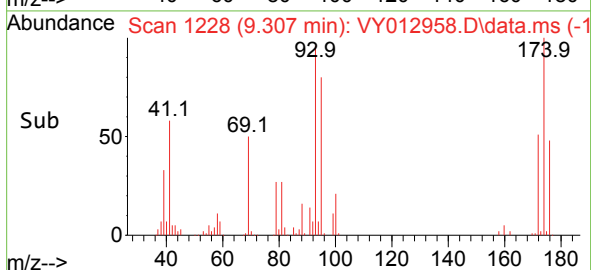
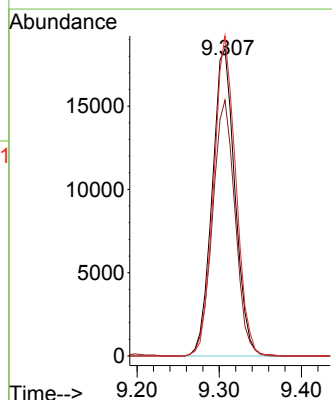
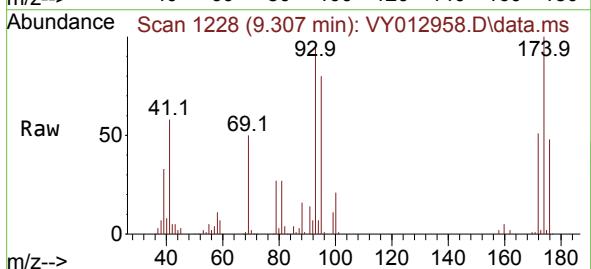
Tgt Ion: 93 Resp: 35372

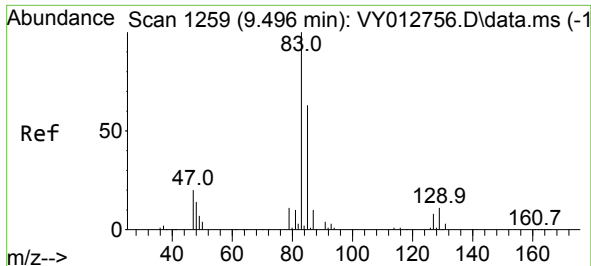
Ion Ratio Lower Upper

93 100

95 82.6 65.6 98.4

174 101.6 81.3 121.9

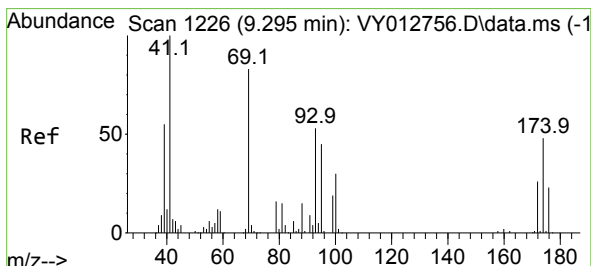
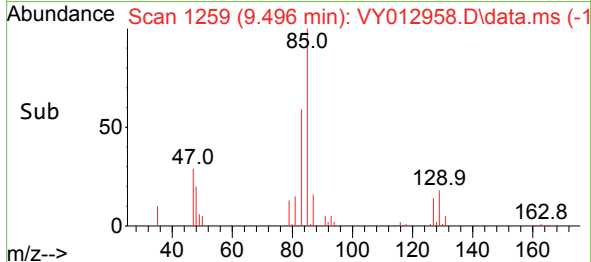
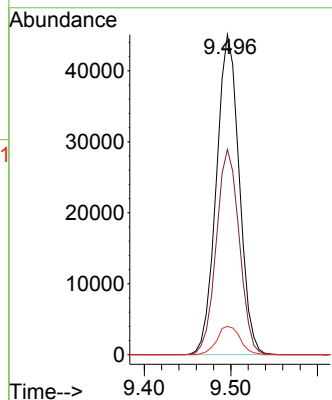
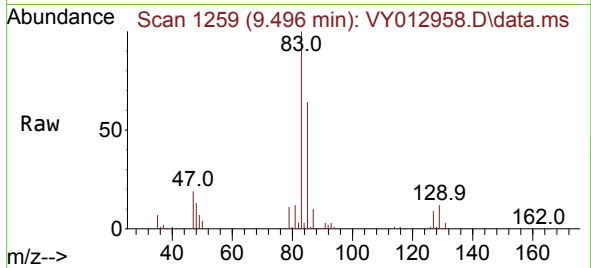




#47
Bromodichloromethane
Concen: 56.295 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012958.D
Acq: 15 Mar 2023 16:54

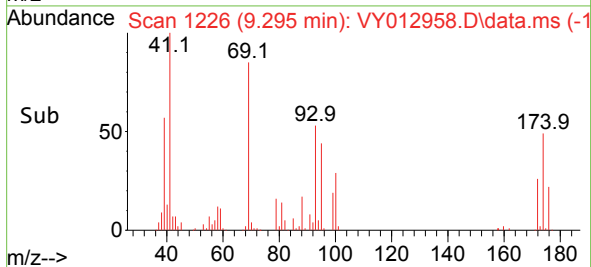
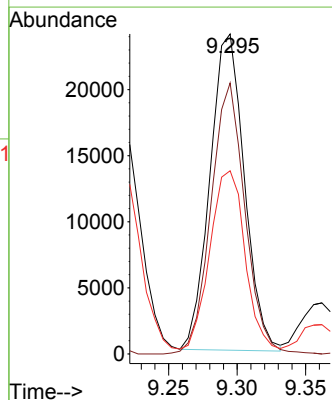
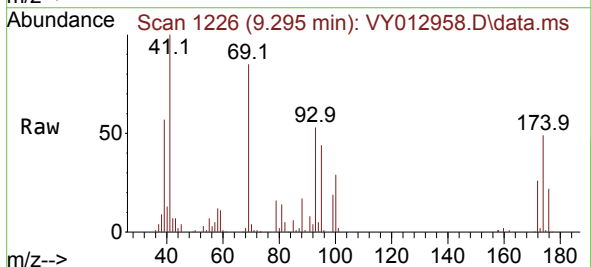
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

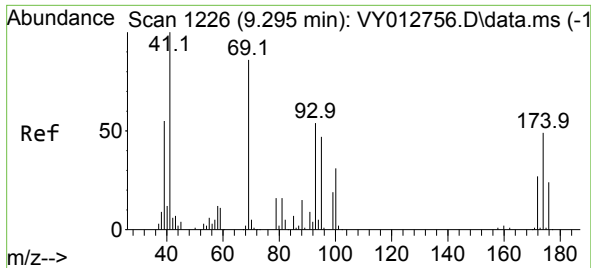
Tgt Ion: 83 Resp: 82671
Ion Ratio Lower Upper
83 100
85 64.1 50.2 75.4
127 8.8 6.3 9.5



#48
Methyl methacrylate
Concen: 52.690 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY012958.D
Acq: 15 Mar 2023 16:54

Tgt Ion: 41 Resp: 41773
Ion Ratio Lower Upper
41 100
69 84.7 64.1 96.1
39 57.5 44.0 66.0





#49

1,4-Dioxane

Concen: 1207.292 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY012958.D

Acq: 15 Mar 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

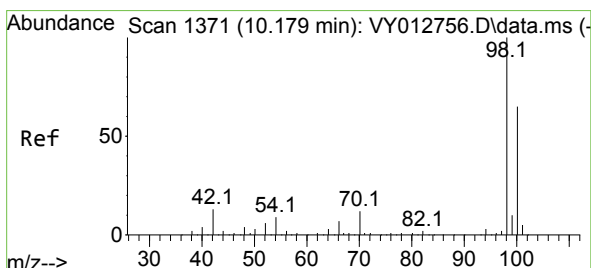
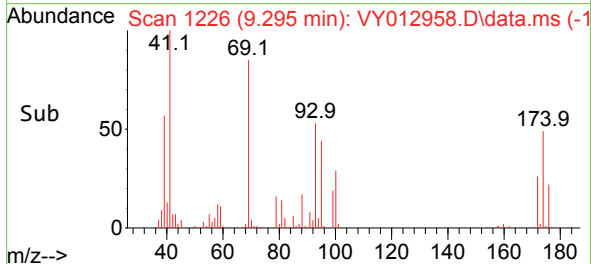
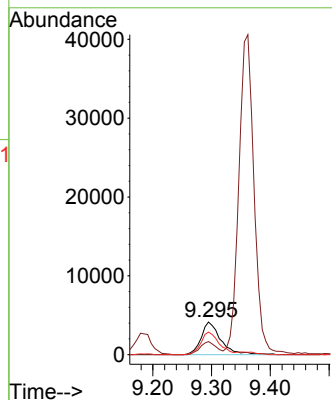
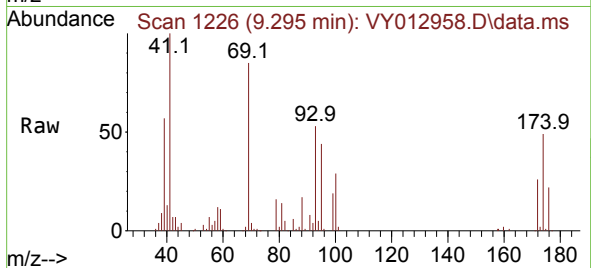
Tgt Ion: 88 Resp: 9726

Ion Ratio Lower Upper

88 100

43 33.2 28.6 42.8

58 63.7 55.2 82.8



#50

Toluene-d8

Concen: 44.685 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012958.D

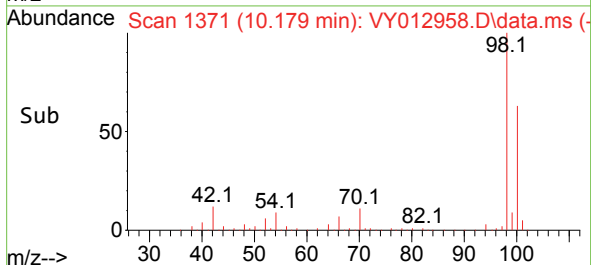
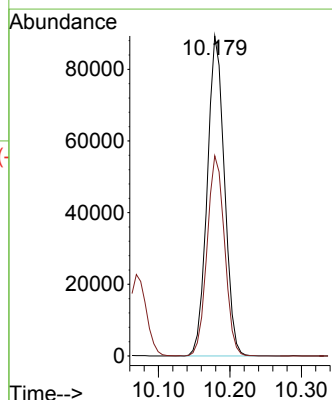
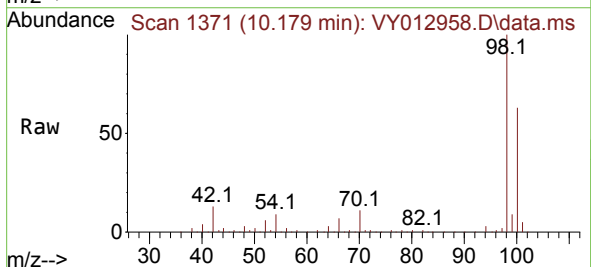
Acq: 15 Mar 2023 16:54

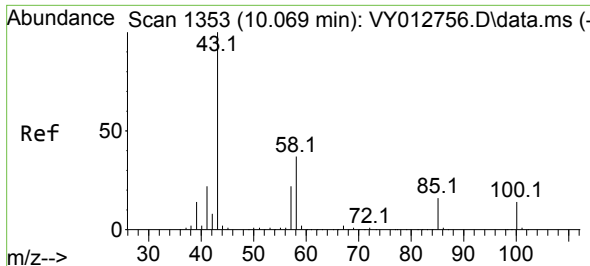
Tgt Ion: 98 Resp: 149157

Ion Ratio Lower Upper

98 100

100 63.6 50.9 76.3

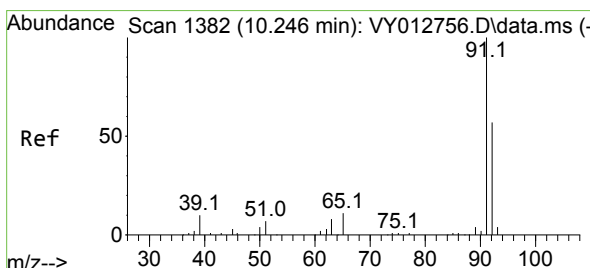
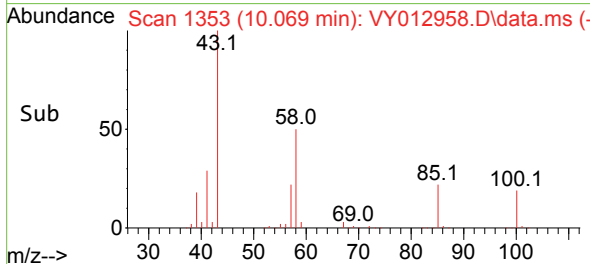
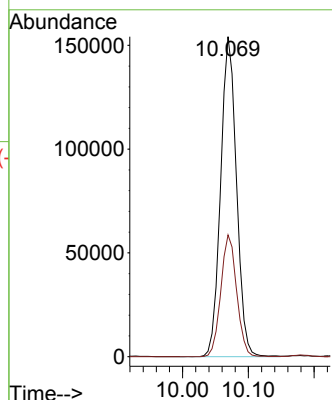
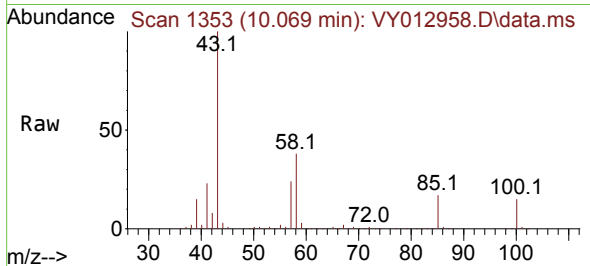




#51
4-Methyl-2-Pentanone
Concen: 277.236 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY012958.D
Acq: 15 Mar 2023 16:54

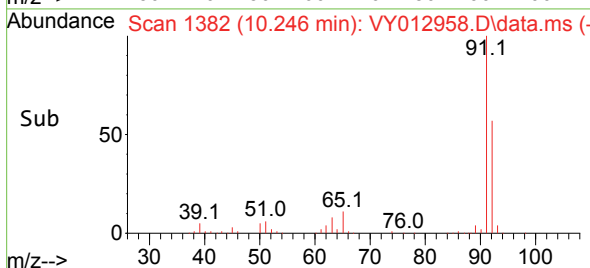
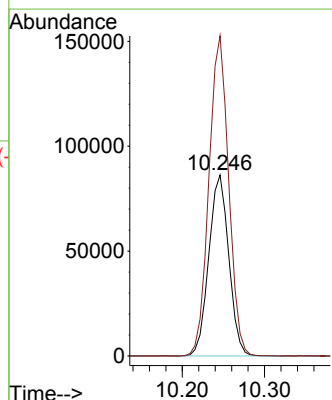
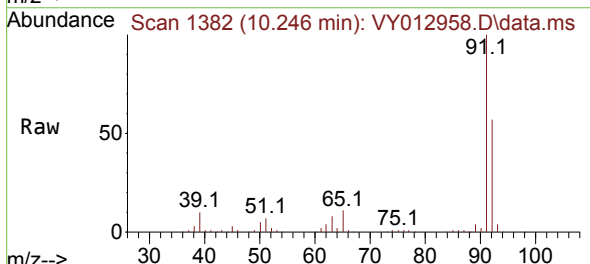
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

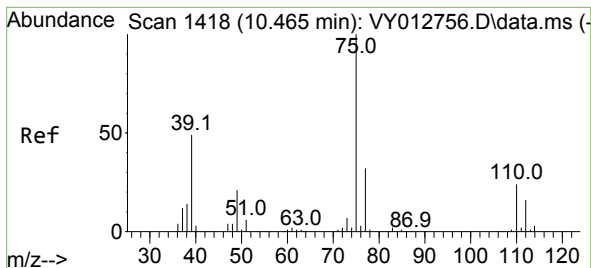
Tgt Ion: 43 Resp: 258749
Ion Ratio Lower Upper
43 100
58 38.0 29.8 44.6



#52
Toluene
Concen: 55.666 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012958.D
Acq: 15 Mar 2023 16:54

Tgt Ion: 92 Resp: 145305
Ion Ratio Lower Upper
92 100
91 174.9 141.3 211.9

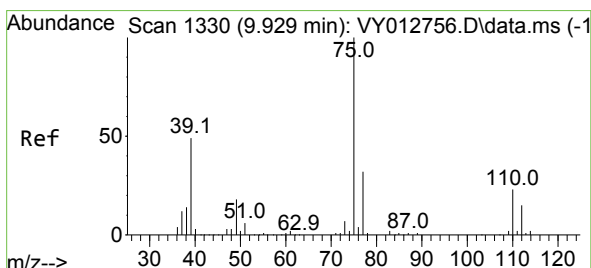
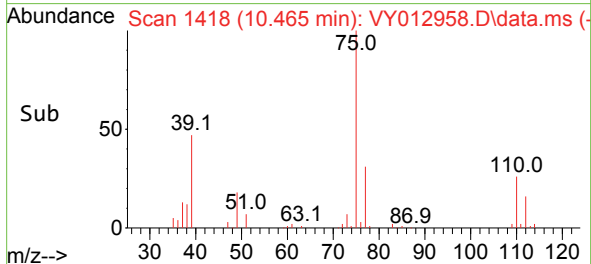
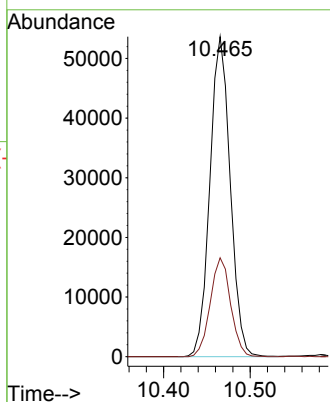
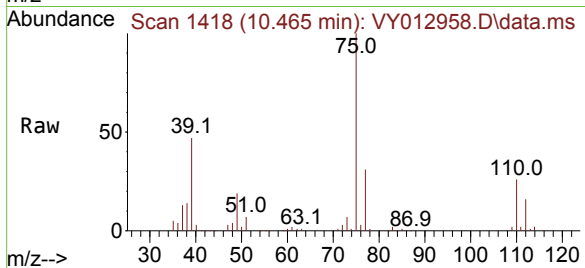




#53
 t-1,3-Dichloropropene
 Concen: 56.848 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY012958.D
 Acq: 15 Mar 2023 16:54

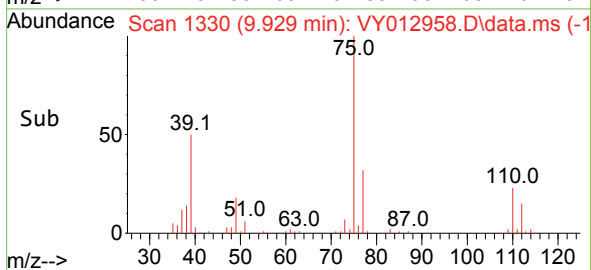
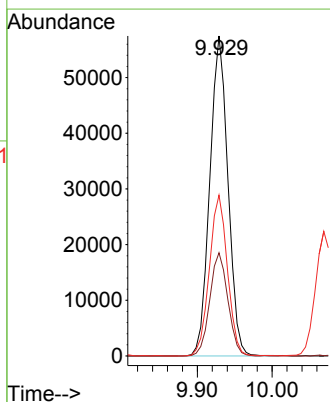
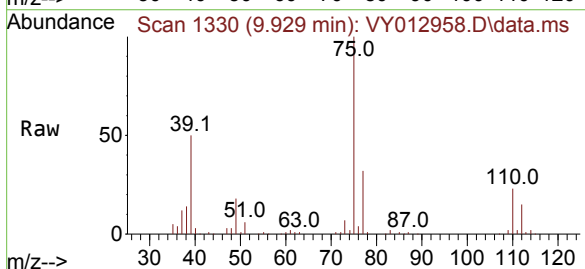
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

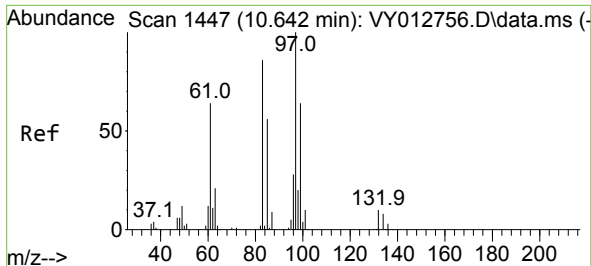
Tgt Ion: 75 Resp: 87566
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 55.646 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY012958.D
 Acq: 15 Mar 2023 16:54

Tgt Ion: 75 Resp: 97016
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.4 38.0
 39 50.2 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 55.929 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY012958.D

Acq: 15 Mar 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 48539

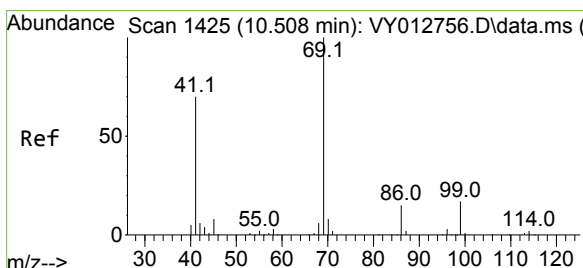
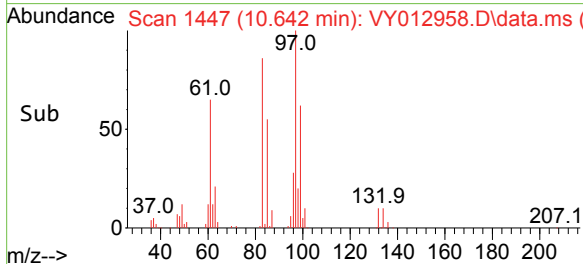
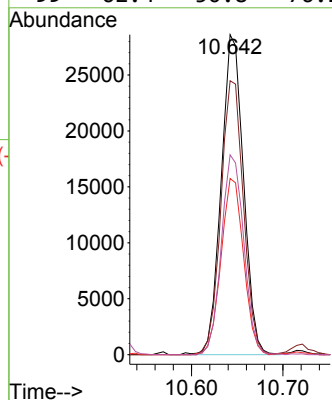
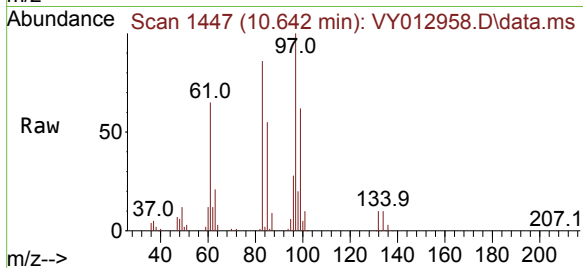
Ion Ratio Lower Upper

97 100

83 85.6 69.0 103.6

85 55.1 44.9 67.3

99 62.4 50.8 76.2



#56

Ethyl methacrylate

Concen: 57.202 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY012958.D

Acq: 15 Mar 2023 16:54

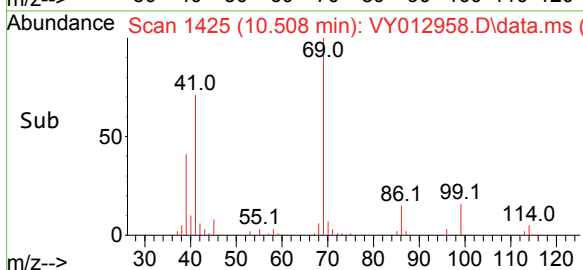
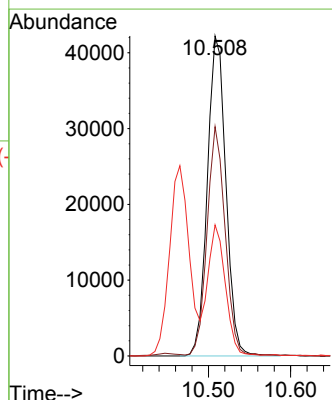
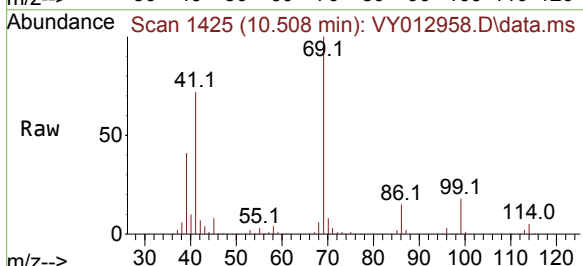
Tgt Ion: 69 Resp: 66194

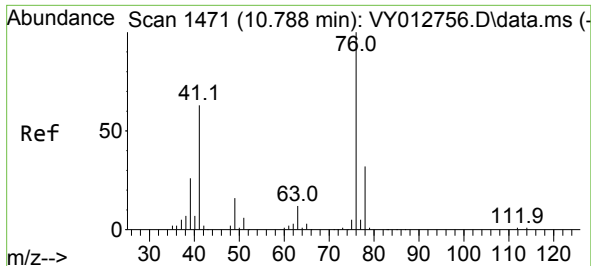
Ion Ratio Lower Upper

69 100

41 70.6 56.4 84.6

39 38.2 30.8 46.2





#57

1,3-Dichloropropane

Concen: 55.283 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY012958.D

Acq: 15 Mar 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

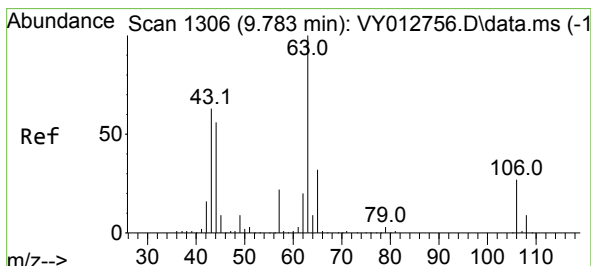
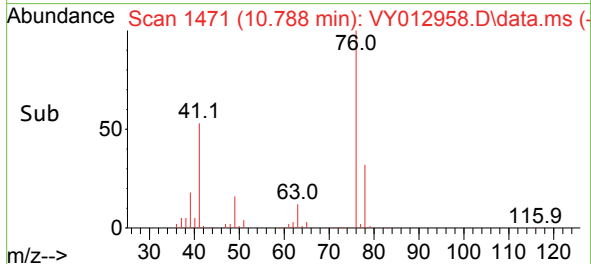
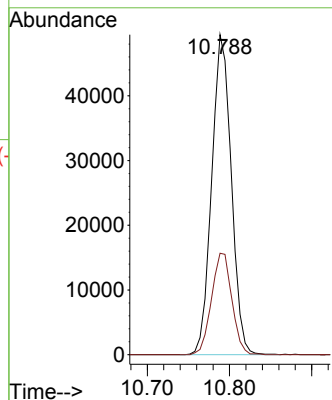
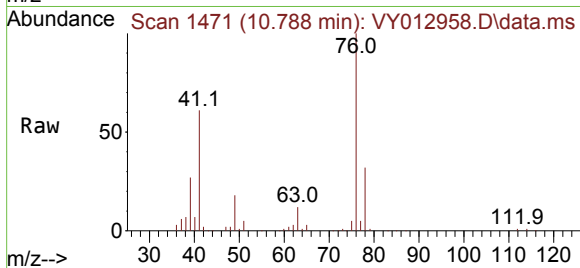
VSTDCCC050EC

Tgt Ion: 76 Resp: 81718

Ion Ratio Lower Upper

76 100

78 33.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 279.782 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY012958.D

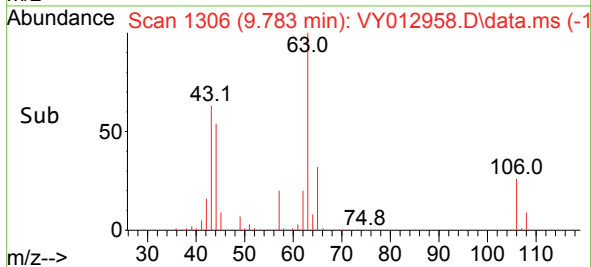
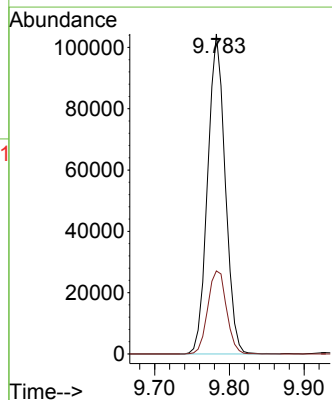
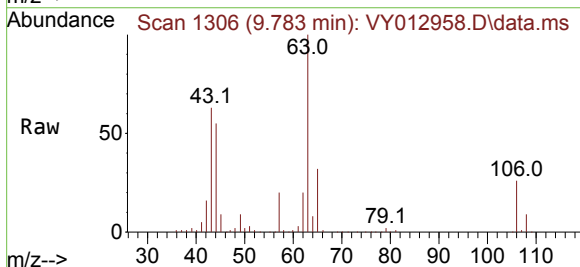
Acq: 15 Mar 2023 16:54

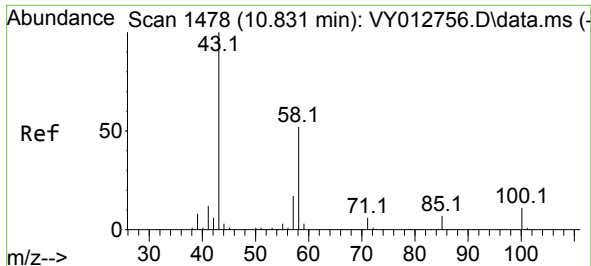
Tgt Ion: 63 Resp: 169962

Ion Ratio Lower Upper

63 100

106 27.6 22.1 33.1

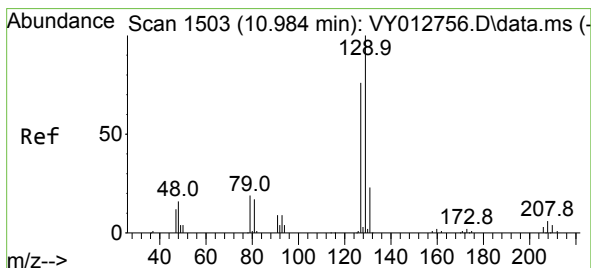
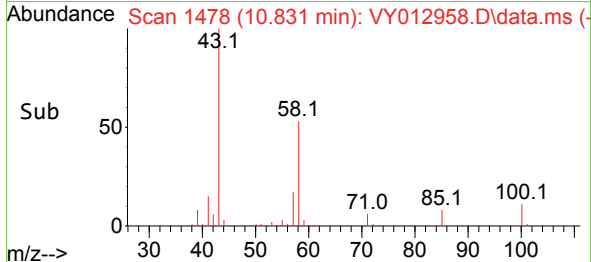
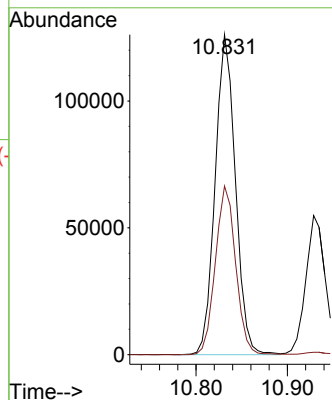
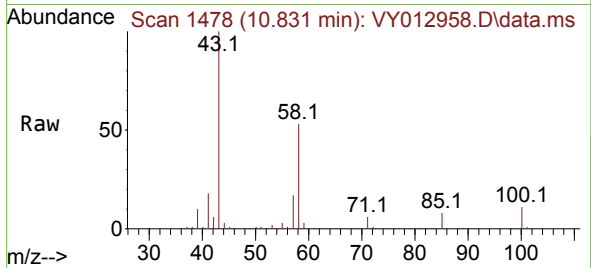




#59
2-Hexanone
Concen: 286.496 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY012958.D
Acq: 15 Mar 2023 16:54

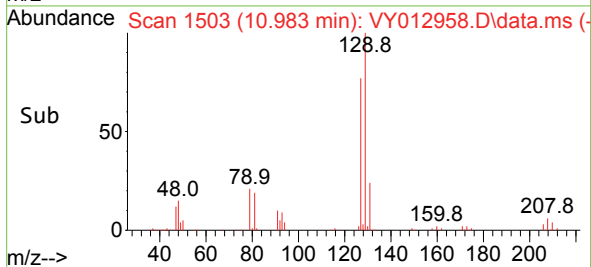
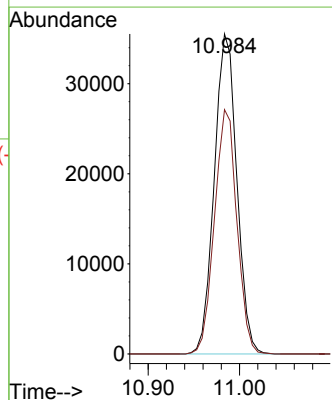
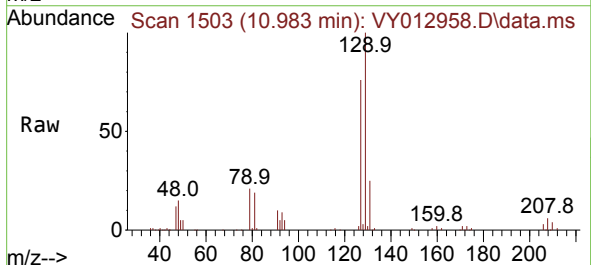
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

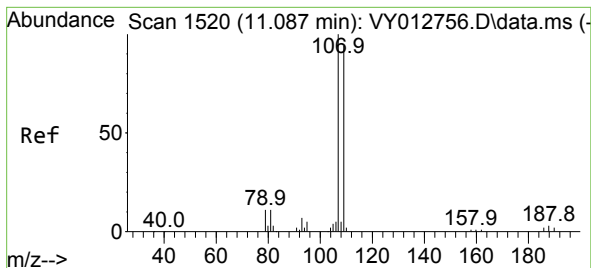
Tgt Ion: 43 Resp: 194335
Ion Ratio Lower Upper
43 100
58 52.8 25.9 77.8



#60
Dibromochloromethane
Concen: 57.660 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY012958.D
Acq: 15 Mar 2023 16:54

Tgt Ion: 129 Resp: 60914
Ion Ratio Lower Upper
129 100
127 75.9 38.7 116.1

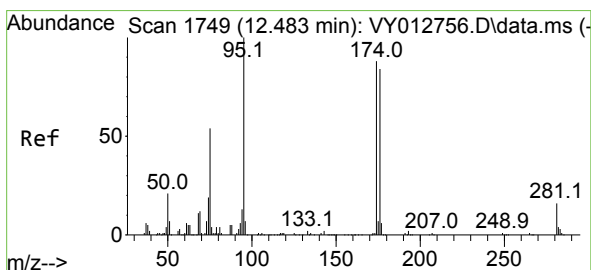
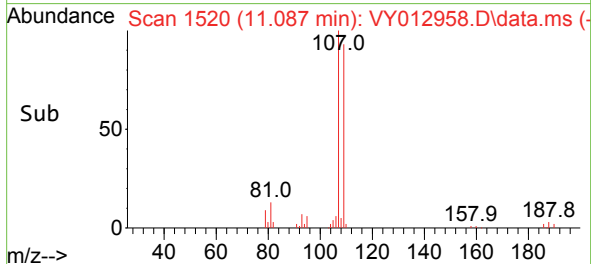
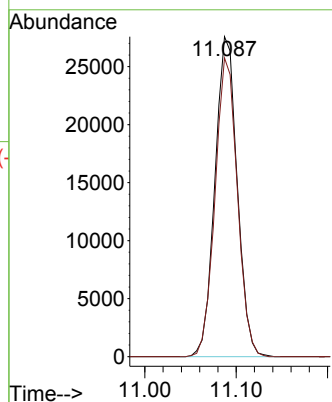
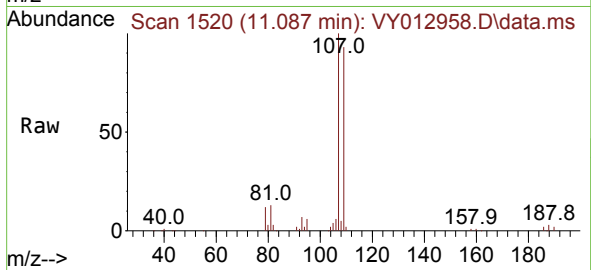




#61
1,2-Dibromoethane
Concen: 55.826 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY012958.D
Acq: 15 Mar 2023 16:54

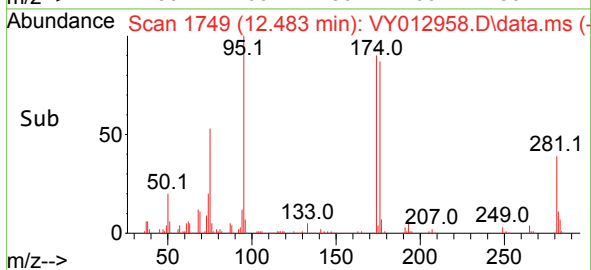
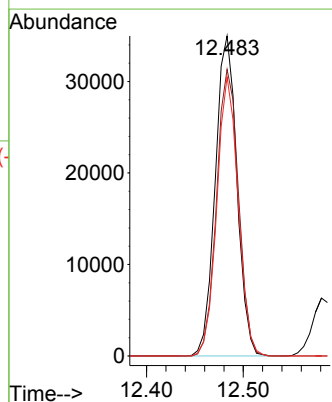
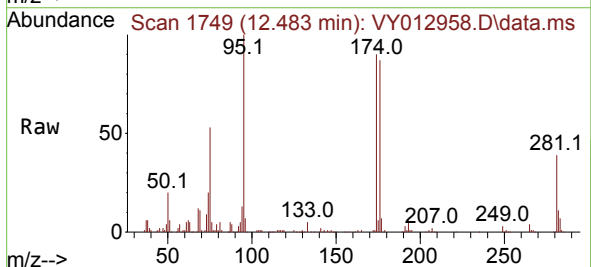
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

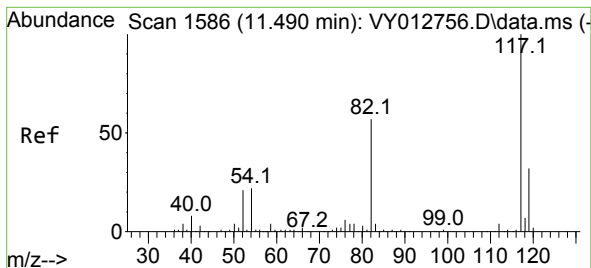
Tgt Ion:107 Resp: 46671
Ion Ratio Lower Upper
107 100
109 93.6 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 48.176 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012958.D
Acq: 15 Mar 2023 16:54

Tgt Ion: 95 Resp: 54277
Ion Ratio Lower Upper
95 100
174 90.7 0.0 176.6
176 85.9 0.0 170.2

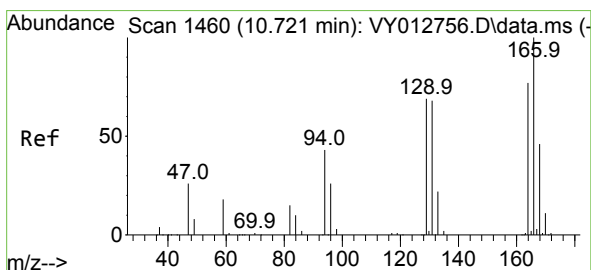
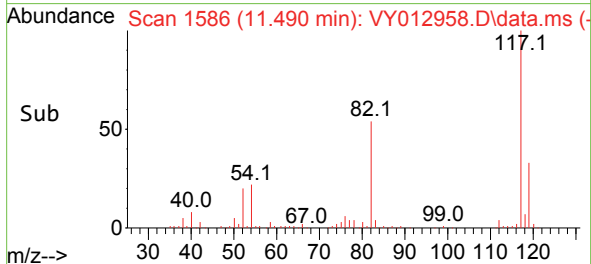
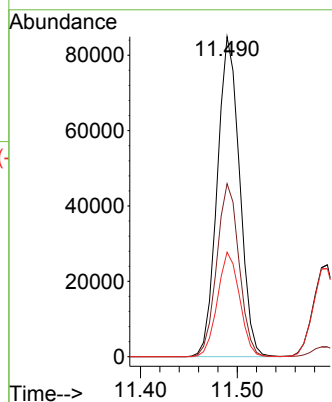
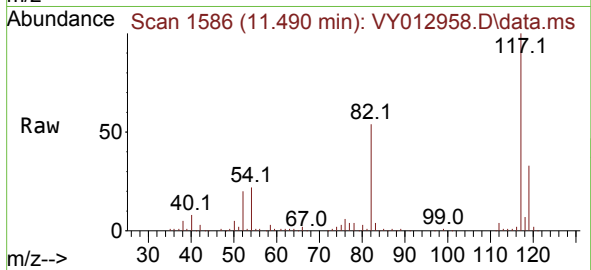




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY012958.D
Acq: 15 Mar 2023 16:54

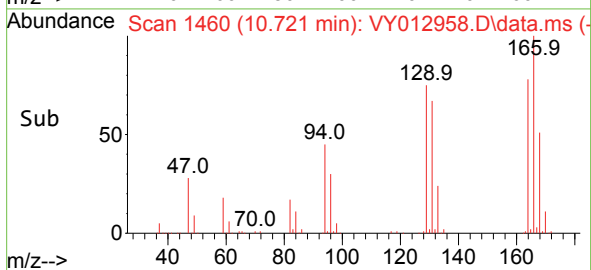
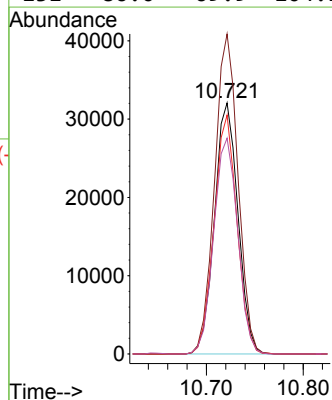
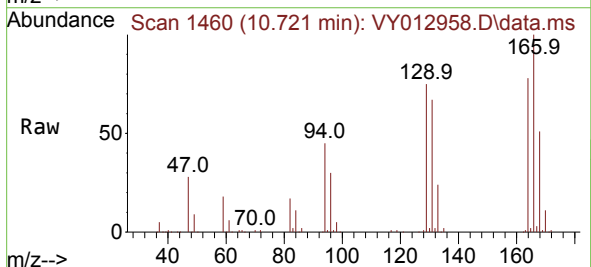
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

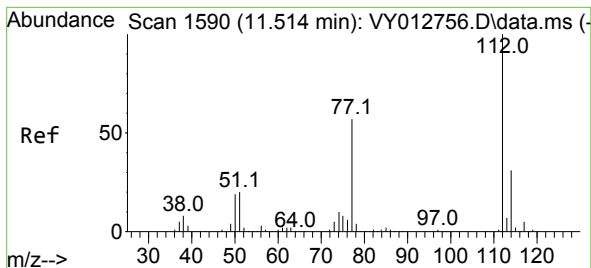
Tgt Ion:117 Resp: 136203
Ion Ratio Lower Upper
117 100
82 54.1 45.4 68.0
119 32.6 25.6 38.4



#64
Tetrachloroethene
Concen: 54.499 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY012958.D
Acq: 15 Mar 2023 16:54

Tgt Ion:164 Resp: 54044
Ion Ratio Lower Upper
164 100
166 127.5 103.4 155.2
129 95.1 71.4 107.2
131 86.0 69.9 104.9





#65

Chlorobenzene

Concen: 54.952 ug/l

RT: 11.514 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012958.D

Acq: 15 Mar 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

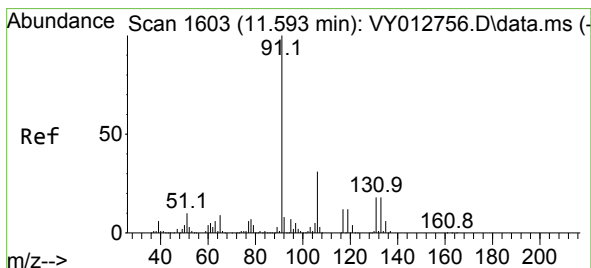
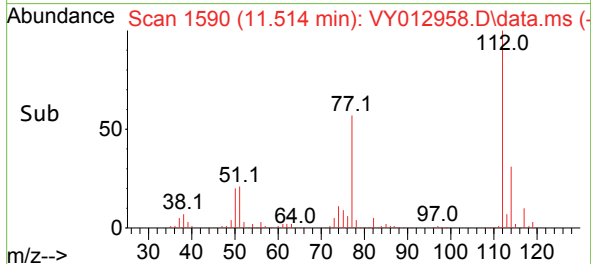
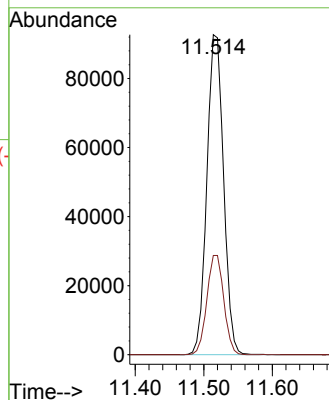
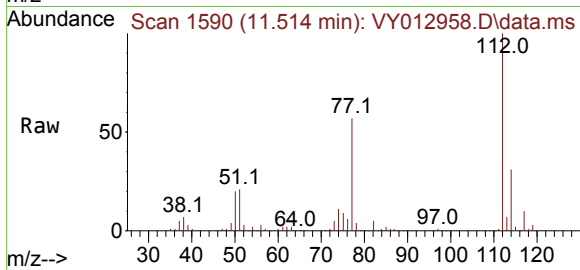
VSTDCCC050EC

Tgt Ion:112 Resp: 157083

Ion Ratio Lower Upper

112 100

114 31.0 24.5 36.7



#66

1,1,1,2-Tetrachloroethane

Concen: 56.877 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY012958.D

Acq: 15 Mar 2023 16:54

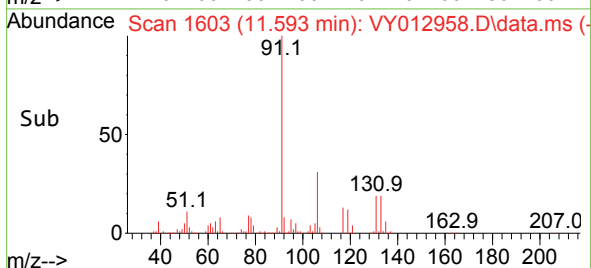
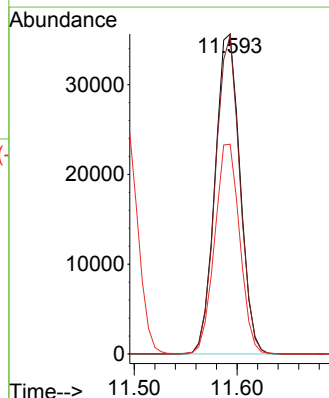
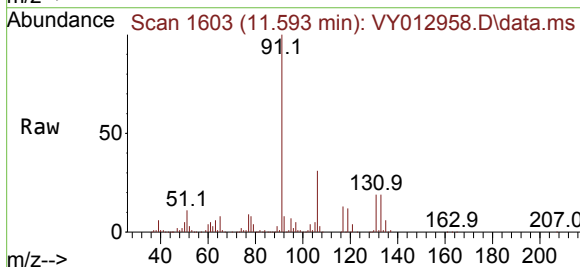
Tgt Ion:131 Resp: 60162

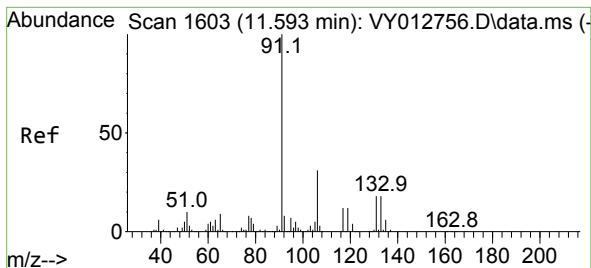
Ion Ratio Lower Upper

131 100

133 96.9 48.0 144.0

119 65.7 32.6 98.0





#67

Ethyl Benzene

Concen: 55.919 ug/l

RT: 11.593 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012958.D

Acq: 15 Mar 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

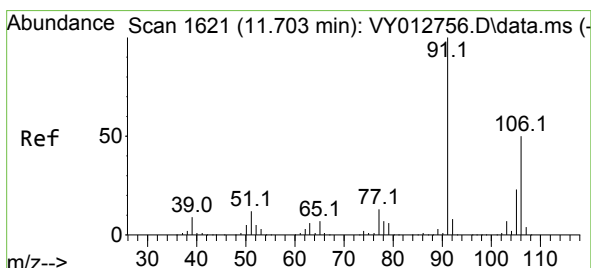
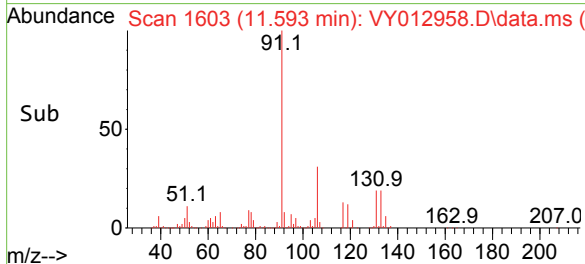
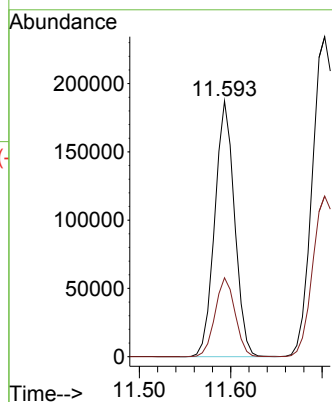
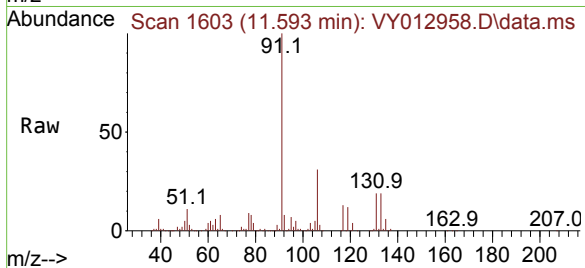
VSTDCCC050EC

Tgt Ion: 91 Resp: 281038

Ion Ratio Lower Upper

91 100

106 30.8 25.1 37.7



#68

m/p-Xylenes

Concen: 112.177 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY012958.D

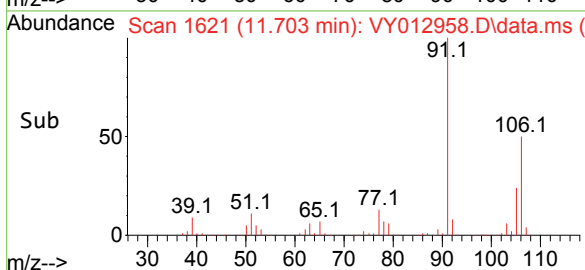
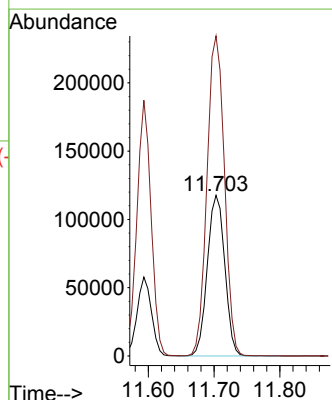
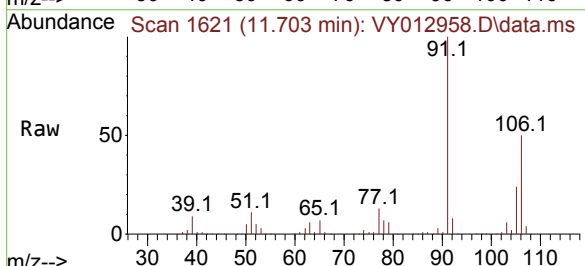
Acq: 15 Mar 2023 16:54

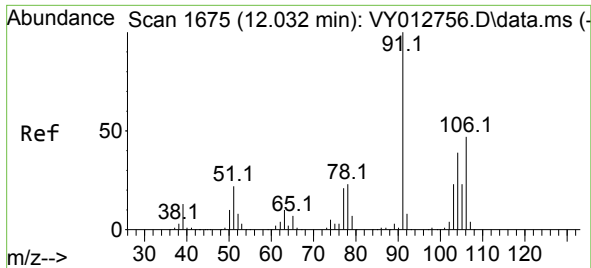
Tgt Ion:106 Resp: 216884

Ion Ratio Lower Upper

106 100

91 199.2 159.8 239.8

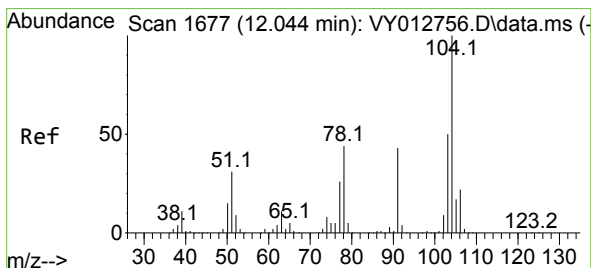
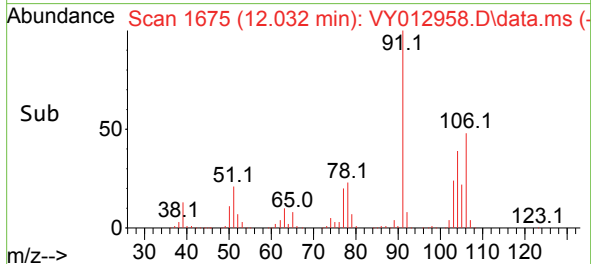
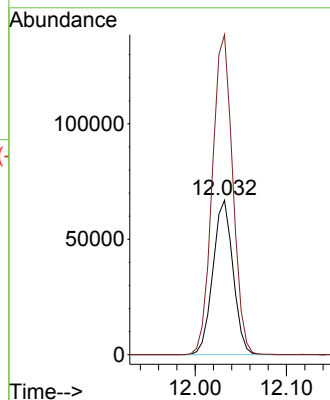
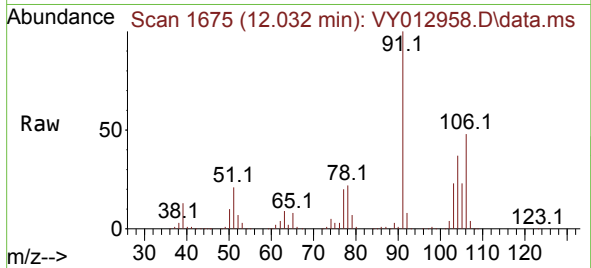




#69
o-Xylene
Concen: 56.641 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY012958.D
Acq: 15 Mar 2023 16:54

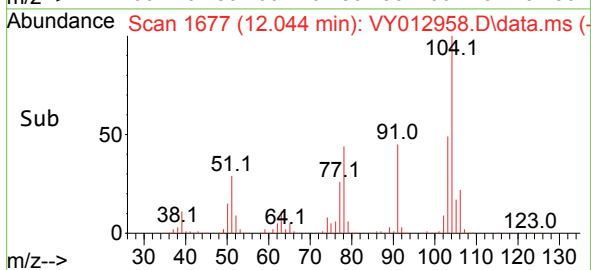
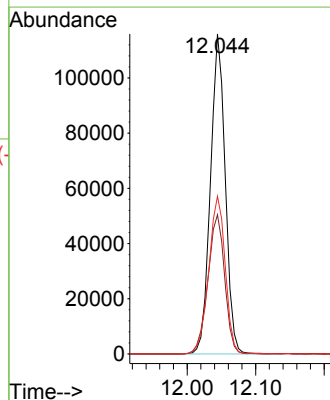
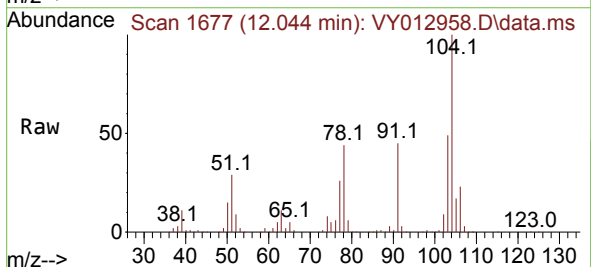
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 102205
Ion Ratio Lower Upper
106 100
91 210.5 107.2 321.6



#70
Styrene
Concen: 57.966 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY012958.D
Acq: 15 Mar 2023 16:54

Tgt Ion:104 Resp: 174546
Ion Ratio Lower Upper
104 100
78 49.2 39.2 58.8
103 54.8 43.7 65.5





#71

Bromoform

Concen: 57.221 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012958.D

Acq: 15 Mar 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

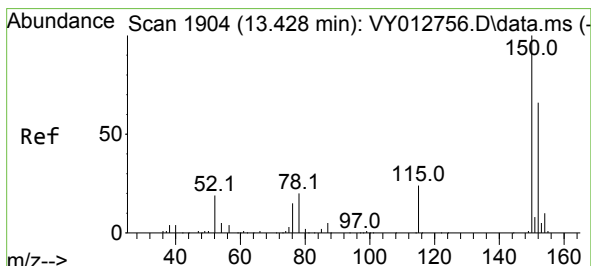
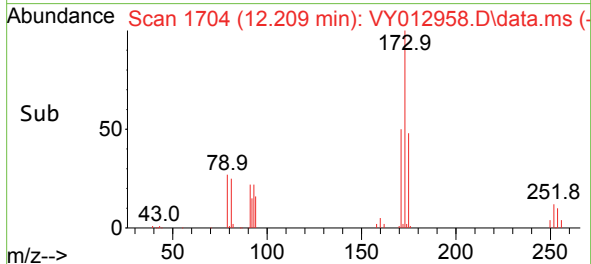
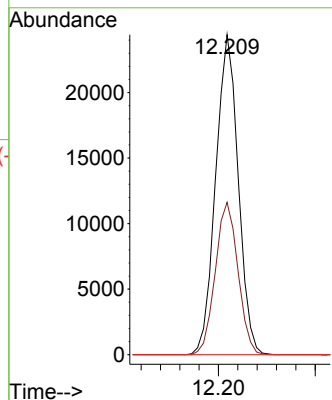
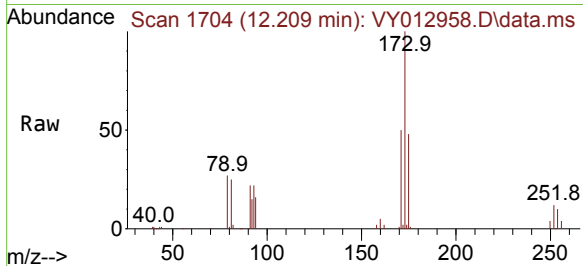
Tgt Ion:173 Resp: 39463

Ion Ratio Lower Upper

173 100

175 47.8 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY012958.D

Acq: 15 Mar 2023 16:54

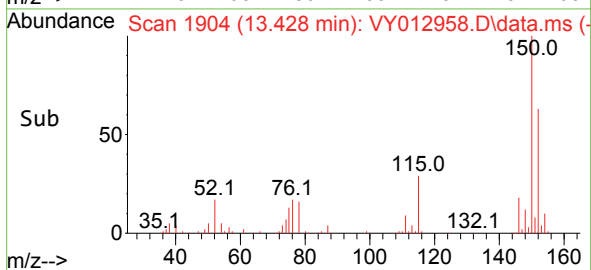
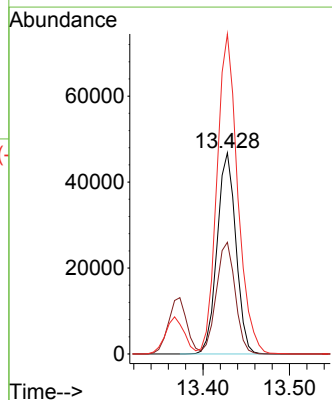
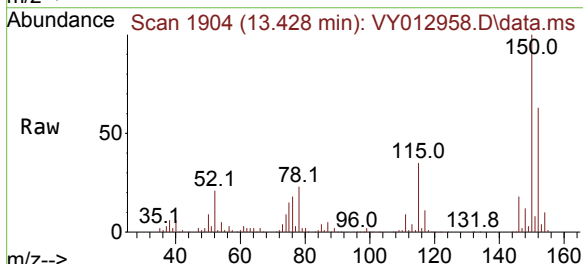
Tgt Ion:152 Resp: 70484

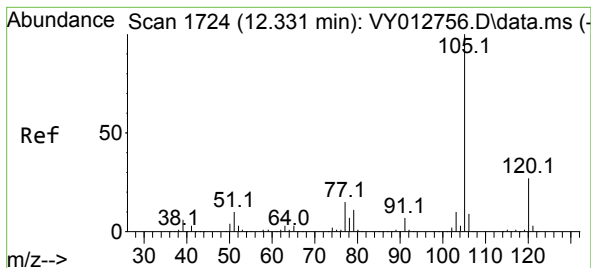
Ion Ratio Lower Upper

152 100

115 55.7 27.1 81.3

150 176.1 0.0 347.8





#73

Isopropylbenzene

Concen: 55.019 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012958.D

Acq: 15 Mar 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

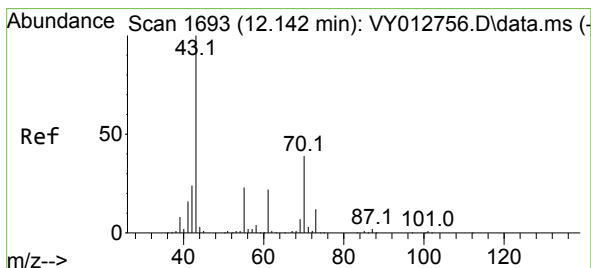
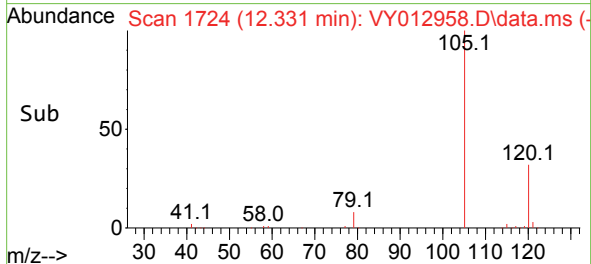
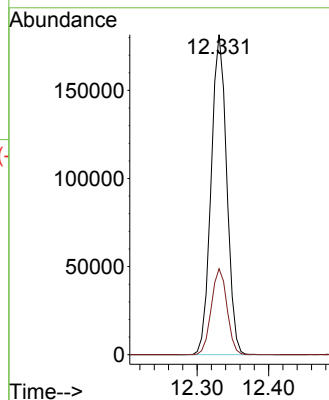
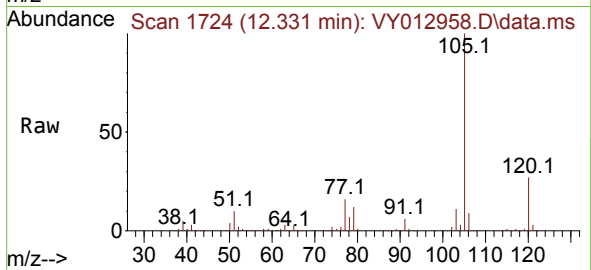
VSTDCCC050EC

Tgt Ion:105 Resp: 274834

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.2



#74

N-ethyl acetate

Concen: 52.335 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY012958.D

Acq: 15 Mar 2023 16:54

Tgt Ion: 43 Resp: 82254

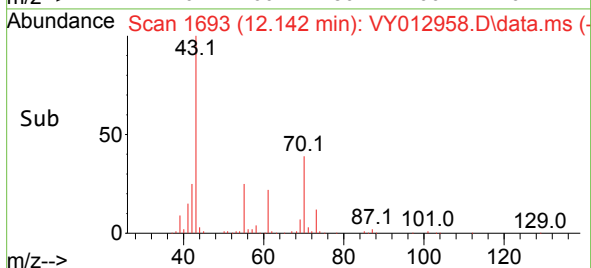
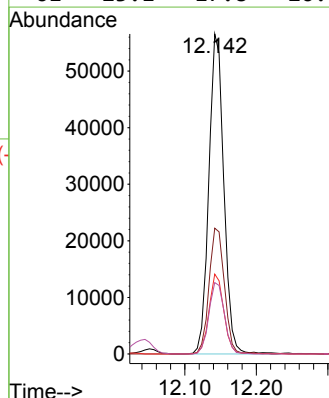
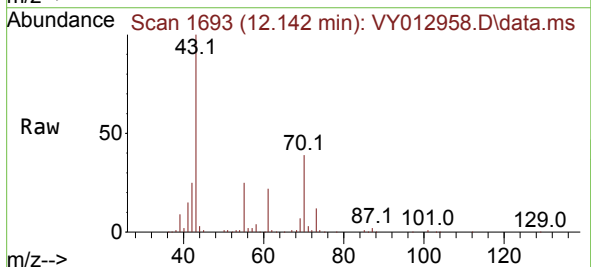
Ion Ratio Lower Upper

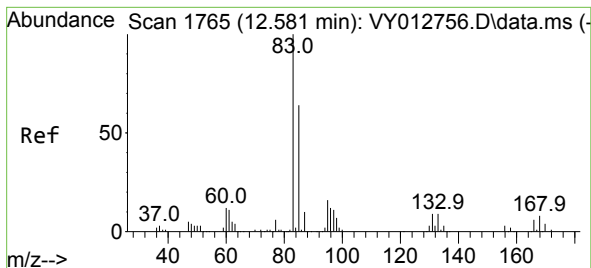
43 100

70 40.4 31.6 47.4

55 24.8 18.8 28.2

61 23.1 17.8 26.8

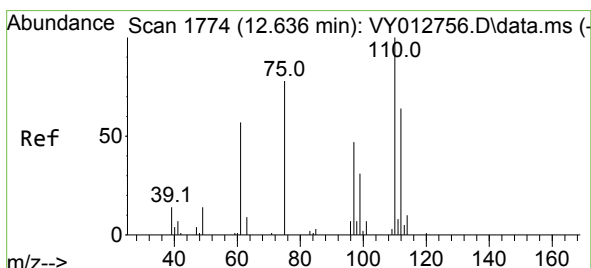
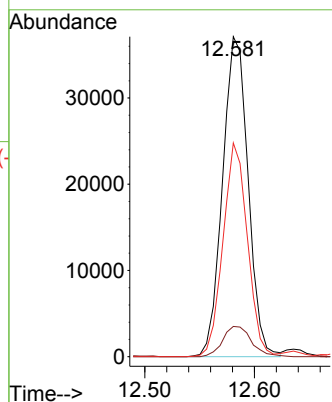
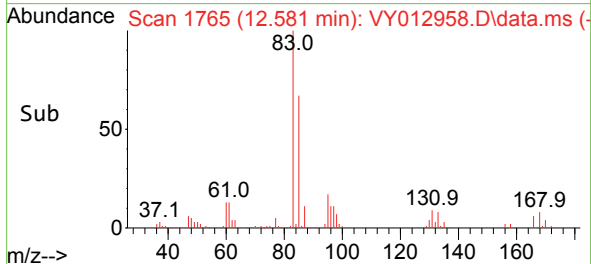
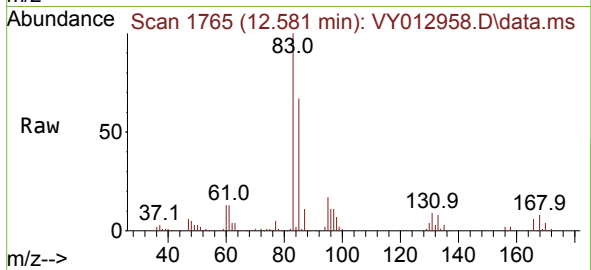




#75
 1,1,2,2-Tetrachloroethane
 Concen: 53.511 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY012958.D
 Acq: 15 Mar 2023 16:54

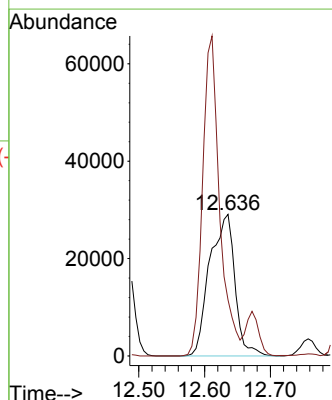
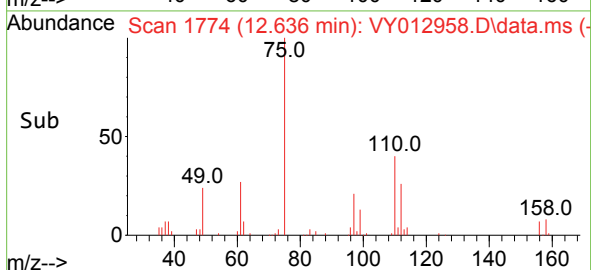
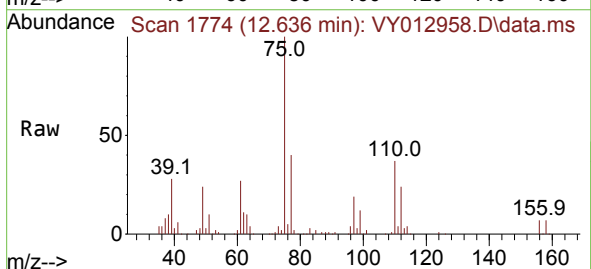
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

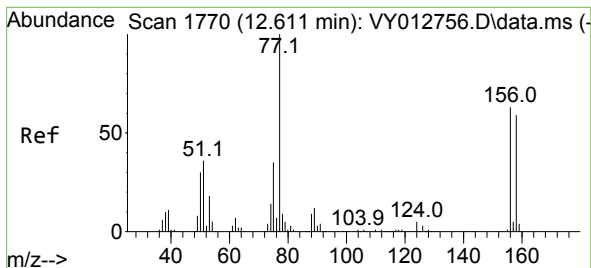
Tgt Ion: 83 Resp: 60087
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.1 15.2
 85 63.9 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 92.246 ug/l
 RT: 12.636 min Scan# 1774
 Delta R.T. -0.000 min
 Lab File: VY012958.D
 Acq: 15 Mar 2023 16:54

Tgt Ion: 75 Resp: 77643
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.830 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY012958.D

Acq: 15 Mar 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

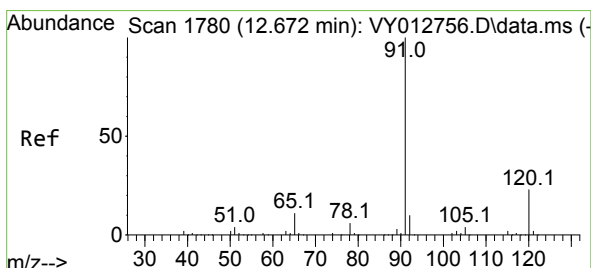
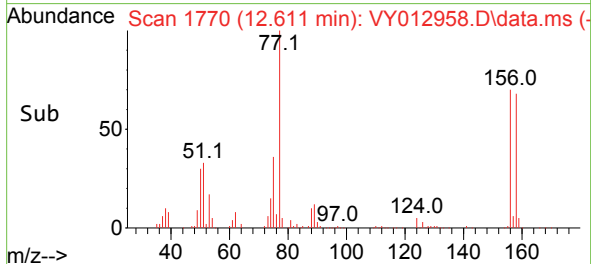
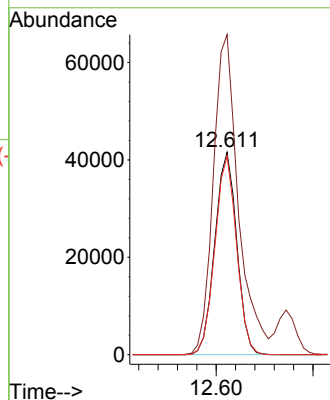
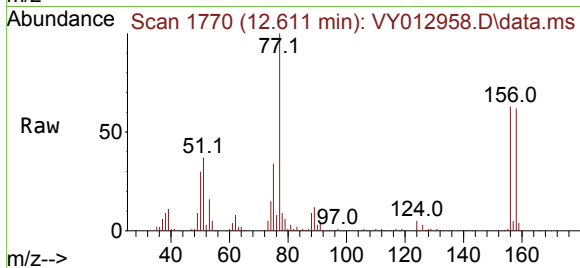
Tgt Ion:156 Resp: 65323

Ion Ratio Lower Upper

156 100

77 181.5 94.0 282.1

158 96.9 48.1 144.4



#78

n-propylbenzene

Concen: 54.851 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY012958.D

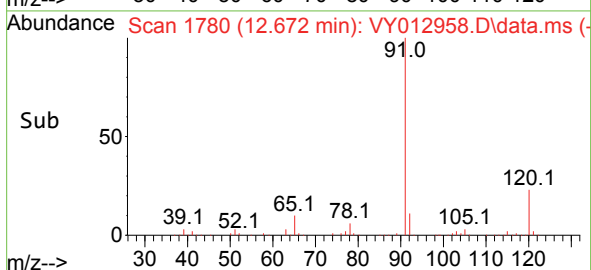
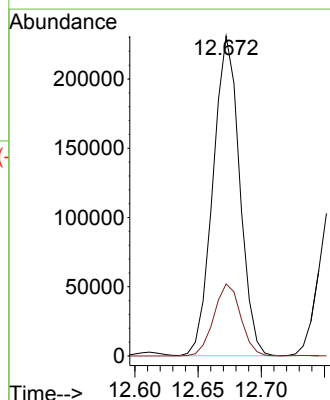
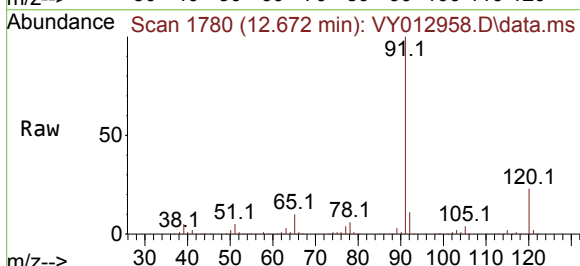
Acq: 15 Mar 2023 16:54

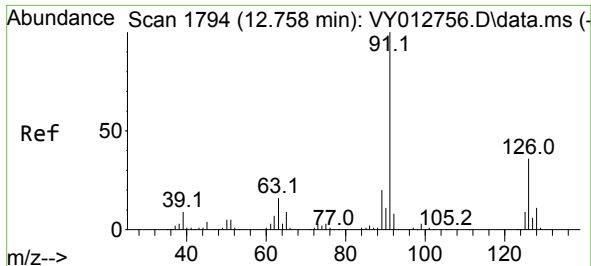
Tgt Ion: 91 Resp: 337804

Ion Ratio Lower Upper

91 100

120 22.7 11.6 34.8

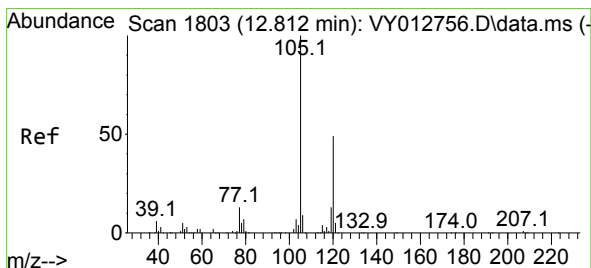
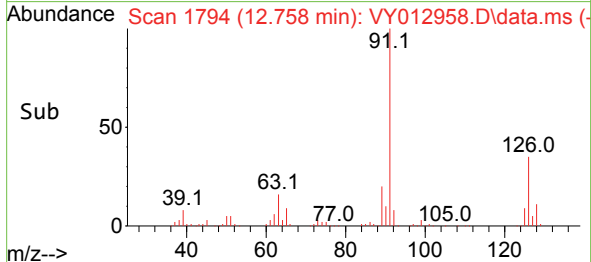
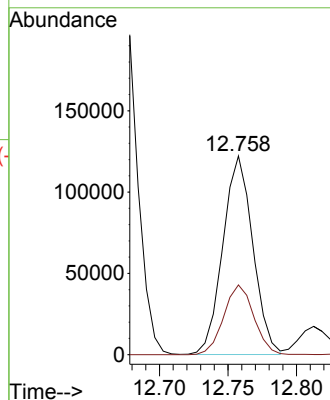
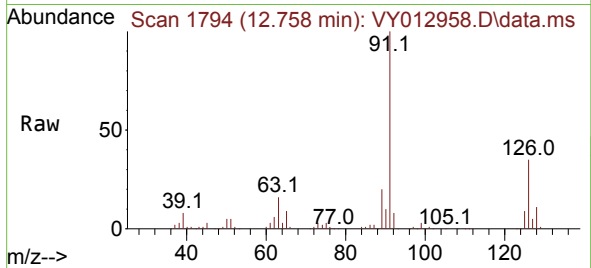




#79
2-Chlorotoluene
Concen: 54.275 ug/l
RT: 12.758 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012958.D
Acq: 15 Mar 2023 16:54

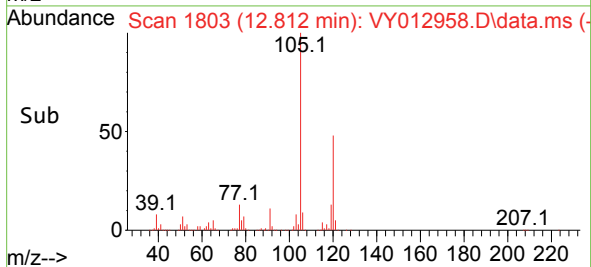
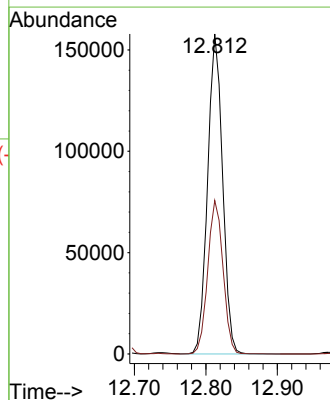
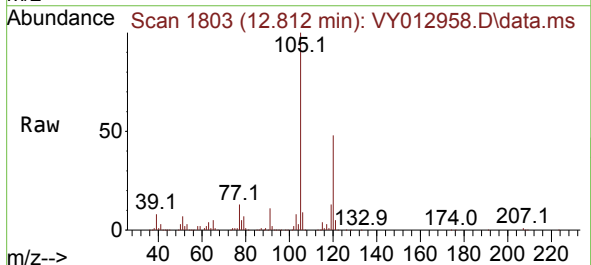
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 185774
Ion Ratio Lower Upper
91 100
126 35.2 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 55.647 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY012958.D
Acq: 15 Mar 2023 16:54

Tgt Ion:105 Resp: 229397
Ion Ratio Lower Upper
105 100
120 49.0 24.8 74.4

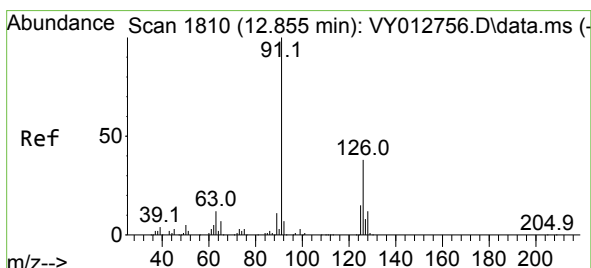
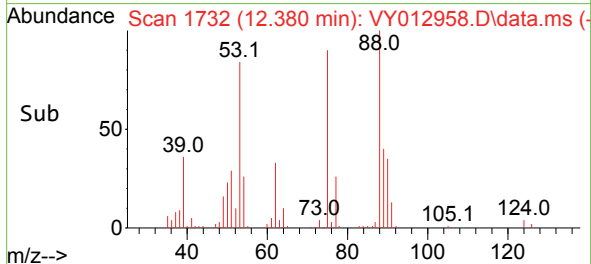
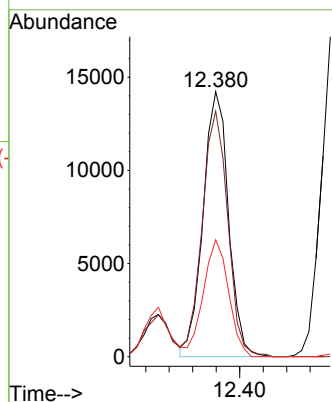
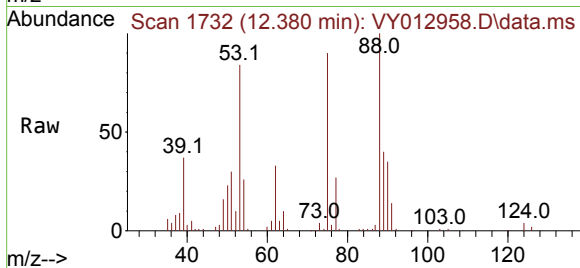




#81
trans-1,4-Dichloro-2-butene
Concen: 52.612 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY012958.D
Acq: 15 Mar 2023 16:54

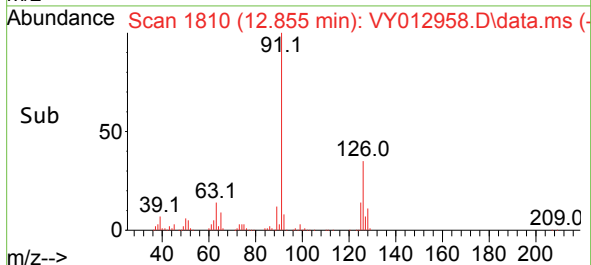
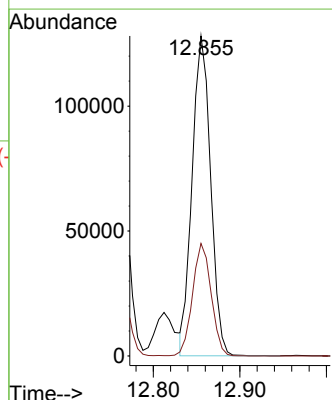
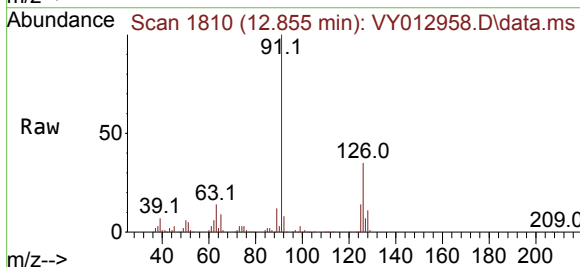
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

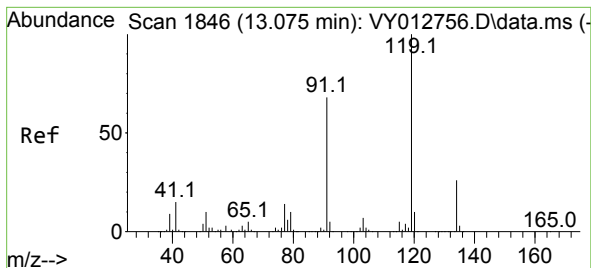
Tgt Ion: 75 Resp: 21372
Ion Ratio Lower Upper
75 100
53 93.4 73.4 110.0
89 43.3 36.6 55.0



#82
4-Chlorotoluene
Concen: 53.599 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY012958.D
Acq: 15 Mar 2023 16:54

Tgt Ion: 91 Resp: 189912
Ion Ratio Lower Upper
91 100
126 35.5 17.7 53.1





#83

tert-Butylbenzene

Concen: 55.827 ug/l

RT: 13.075 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY012958.D

Acq: 15 Mar 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

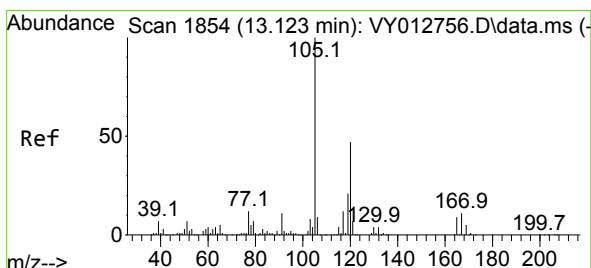
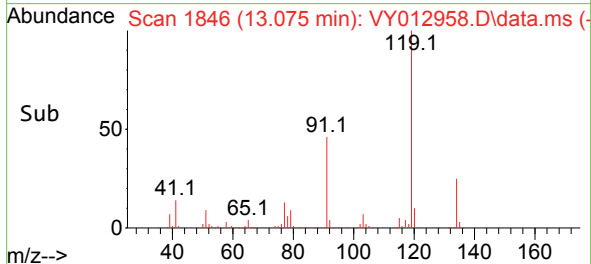
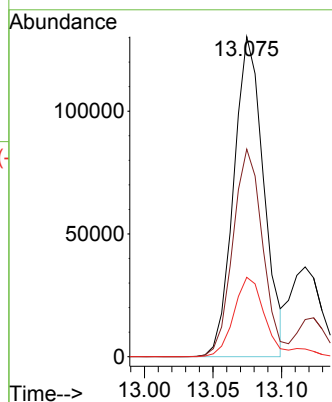
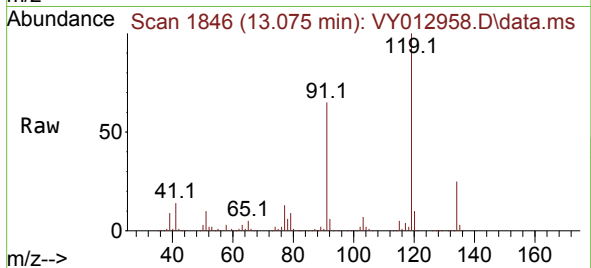
Tgt Ion:119 Resp: 198639

Ion Ratio Lower Upper

119 100

91 64.9 32.8 98.3

134 25.2 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 55.325 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.000 min

Lab File: VY012958.D

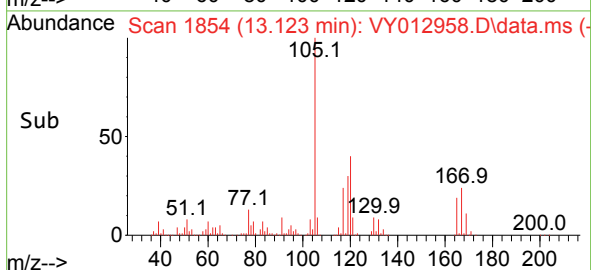
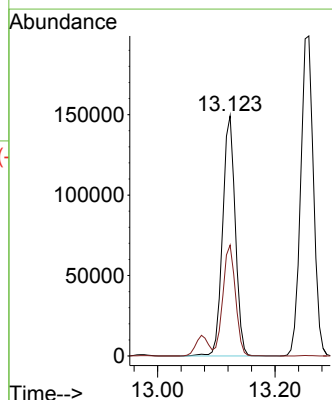
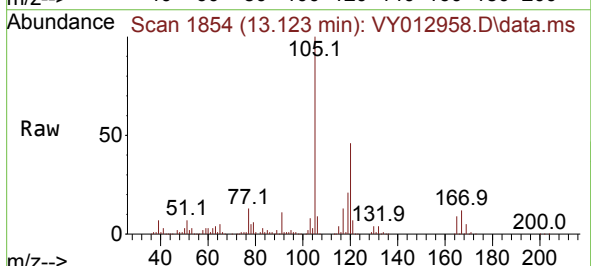
Acq: 15 Mar 2023 16:54

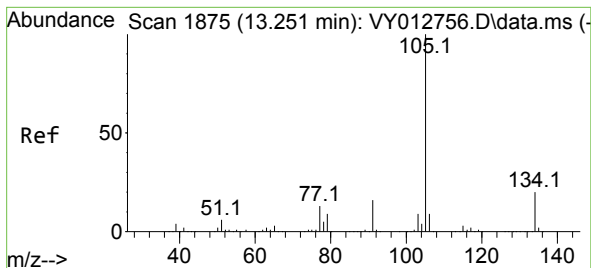
Tgt Ion:105 Resp: 223022

Ion Ratio Lower Upper

105 100

120 46.0 23.0 69.0





#85

sec-Butylbenzene

Concen: 55.387 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY012958.D

Acq: 15 Mar 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

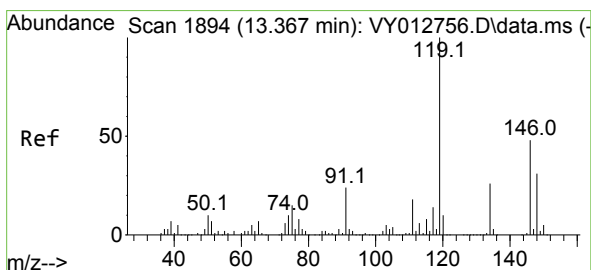
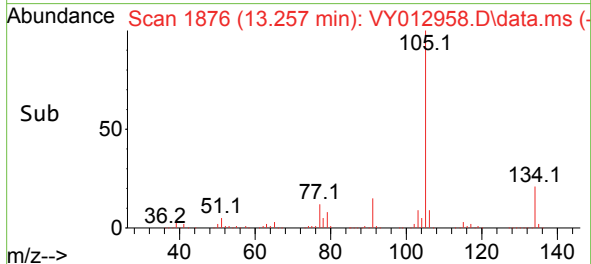
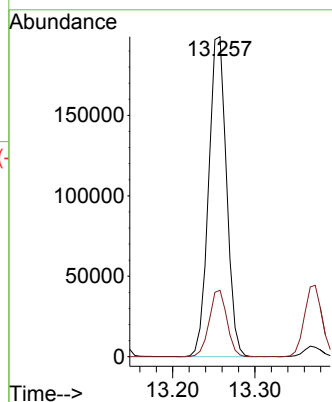
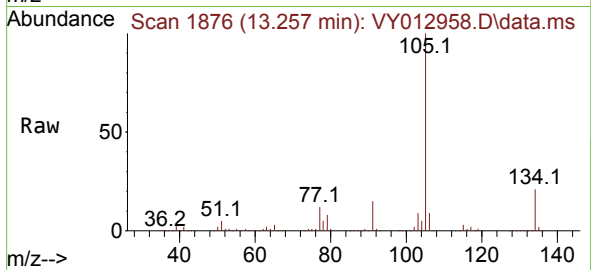
VSTDCCC050EC

Tgt Ion:105 Resp: 300652

Ion Ratio Lower Upper

105 100

134 20.5 10.4 31.1



#86

p-Isopropyltoluene

Concen: 55.633 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY012958.D

Acq: 15 Mar 2023 16:54

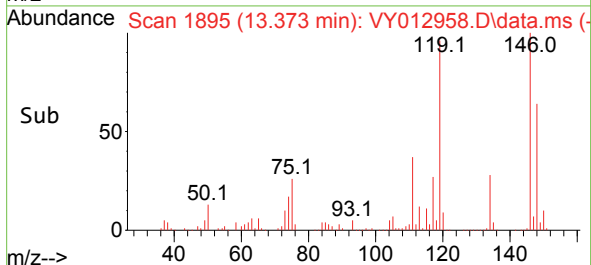
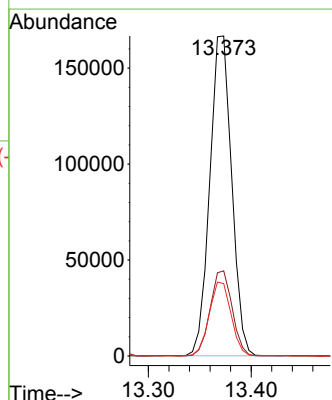
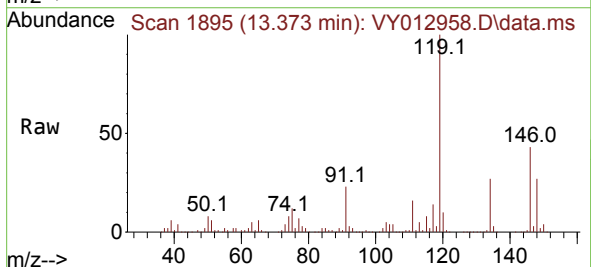
Tgt Ion:119 Resp: 246807

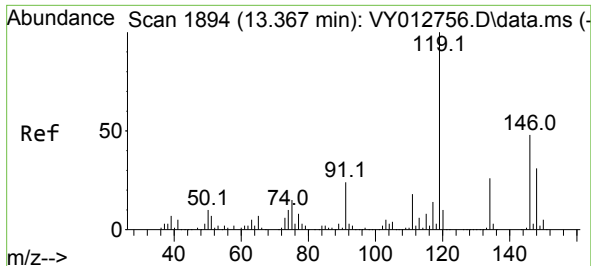
Ion Ratio Lower Upper

119 100

134 26.8 13.2 39.6

91 23.0 11.8 35.3

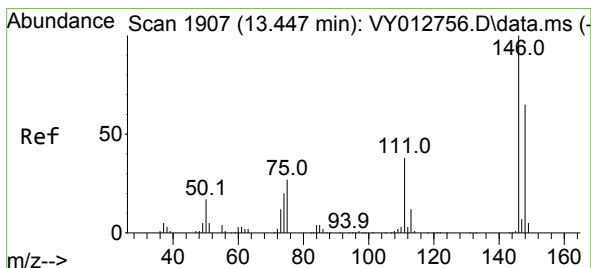
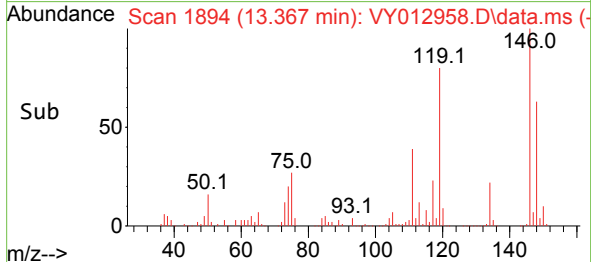
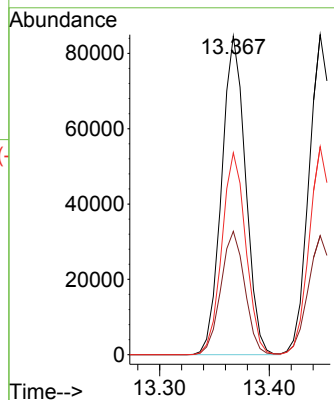
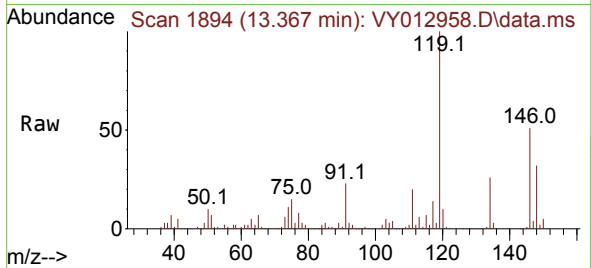




#87
 1,3-Dichlorobenzene
 Concen: 54.865 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY012958.D
 Acq: 15 Mar 2023 16:54

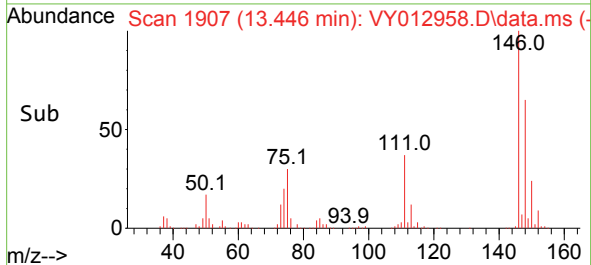
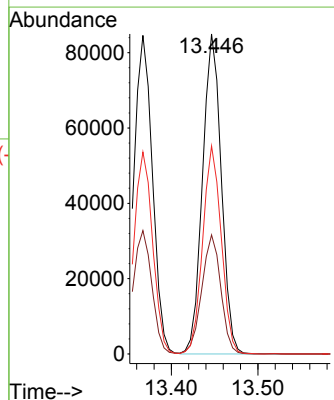
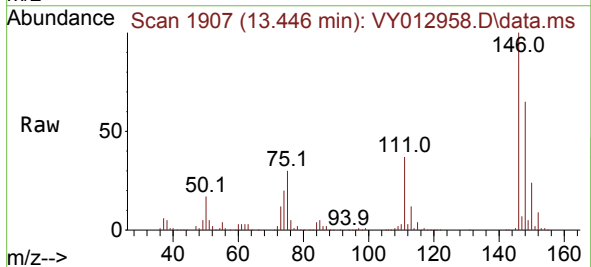
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

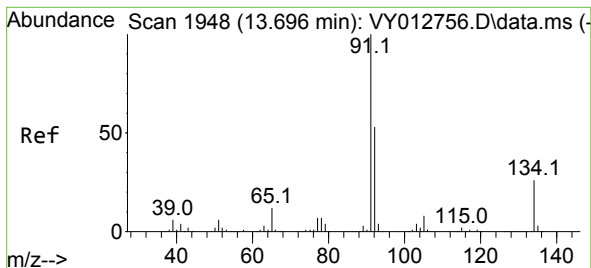
Tgt Ion:146 Resp: 128410
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.1 57.5
 148 63.3 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 53.535 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY012958.D
 Acq: 15 Mar 2023 16:54

Tgt Ion:146 Resp: 127878
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.6 55.8
 148 64.3 31.5 94.5





#89

n-Butylbenzene

Concen: 54.595 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY012958.D

Acq: 15 Mar 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

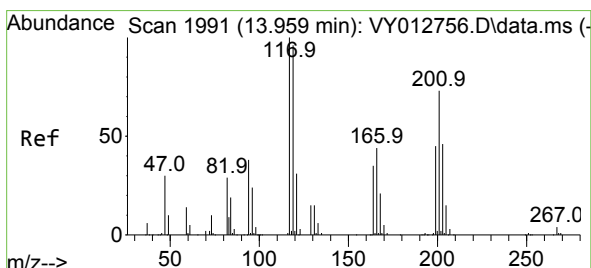
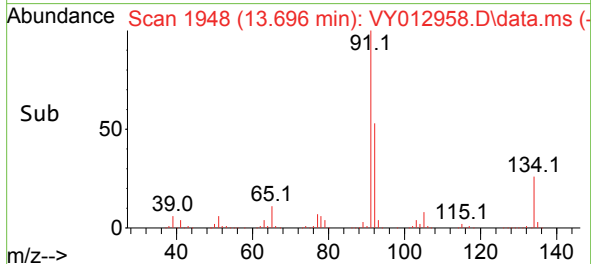
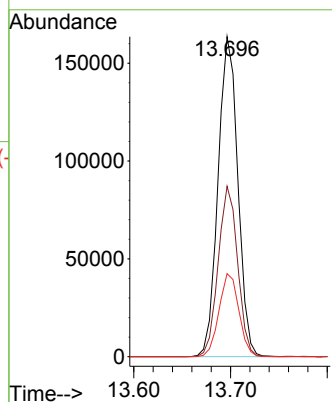
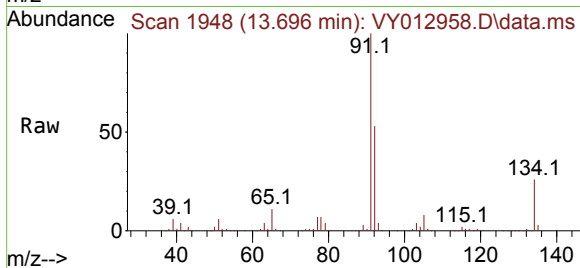
Tgt Ion: 91 Resp: 231866

Ion Ratio Lower Upper

91 100

92 52.3 26.4 79.0

134 26.1 13.0 38.9



#90

Hexachloroethane

Concen: 53.688 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY012958.D

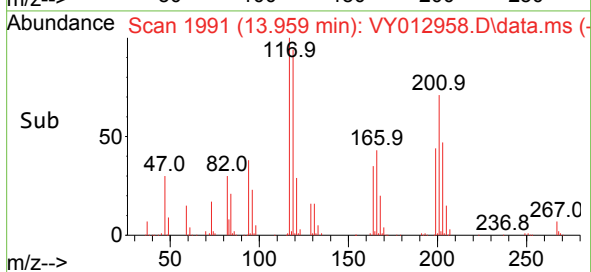
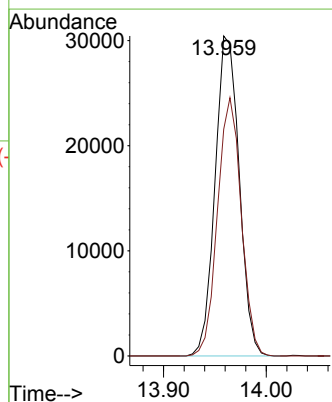
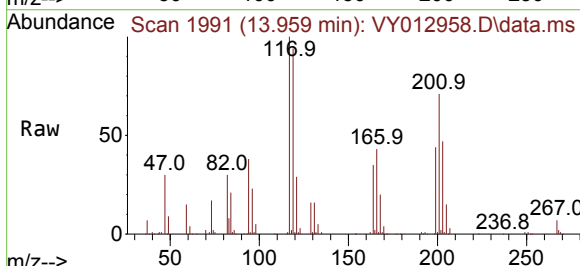
Acq: 15 Mar 2023 16:54

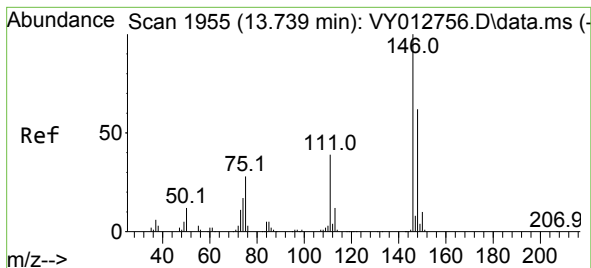
Tgt Ion: 117 Resp: 49608

Ion Ratio Lower Upper

117 100

201 79.3 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 55.290 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY012958.D

Acq: 15 Mar 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

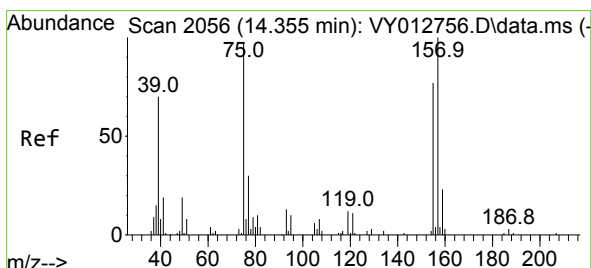
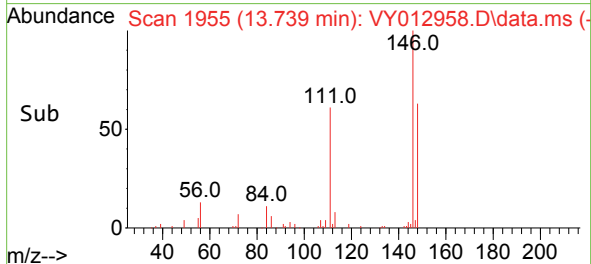
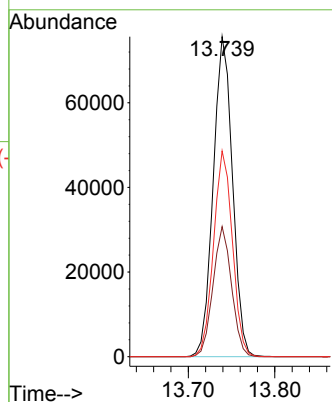
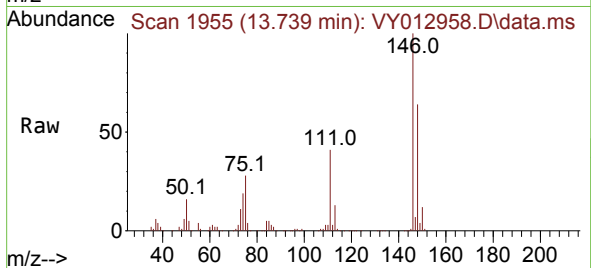
Tgt Ion:146 Resp: 116977

Ion Ratio Lower Upper

146 100

111 39.1 19.7 59.1

148 62.9 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.814 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY012958.D

Acq: 15 Mar 2023 16:54

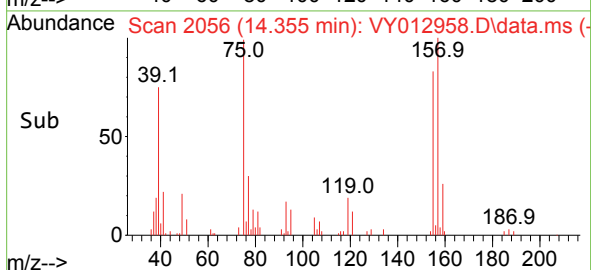
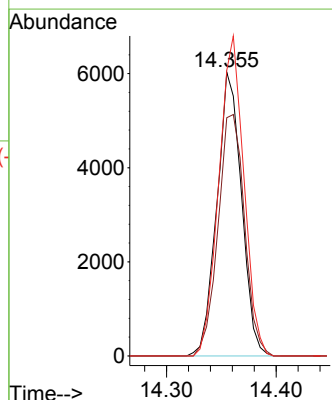
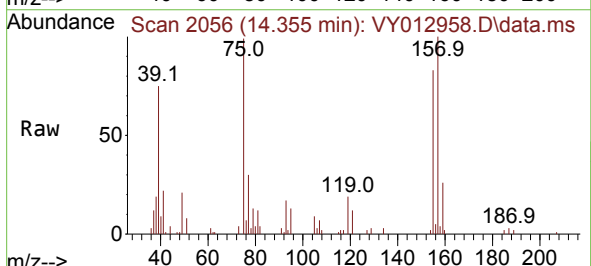
Tgt Ion: 75 Resp: 9403

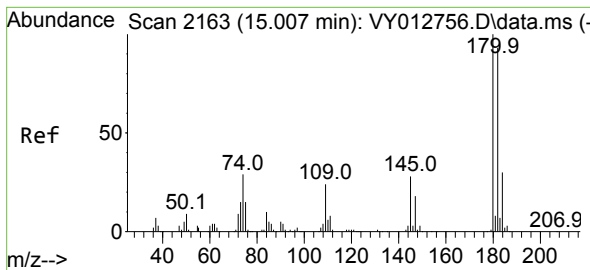
Ion Ratio Lower Upper

75 100

155 91.5 43.8 131.4

157 114.6 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 53.446 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY012958.D

Acq: 15 Mar 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

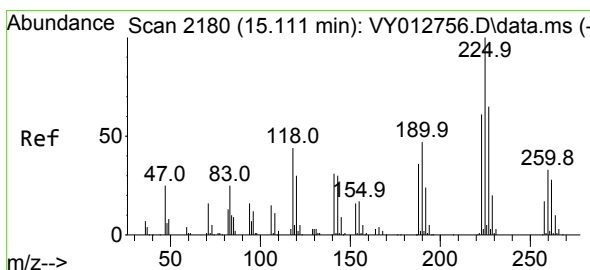
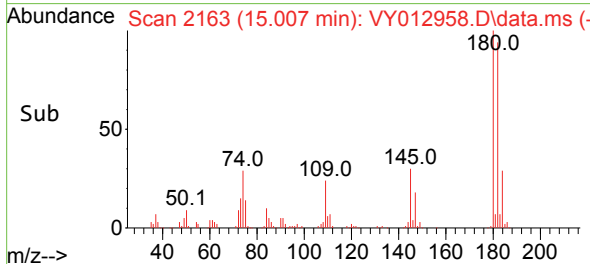
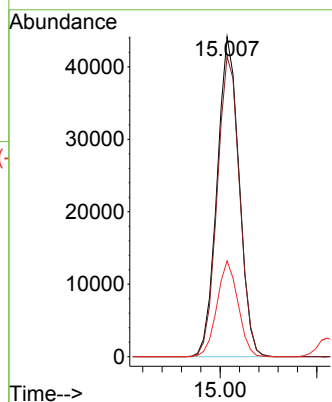
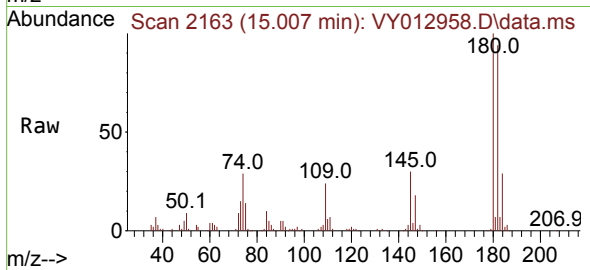
Tgt Ion:180 Resp: 69621

Ion Ratio Lower Upper

180 100

182 95.2 46.7 140.1

145 28.7 14.6 43.8



#94

Hexachlorobutadiene

Concen: 52.525 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY012958.D

Acq: 15 Mar 2023 16:54

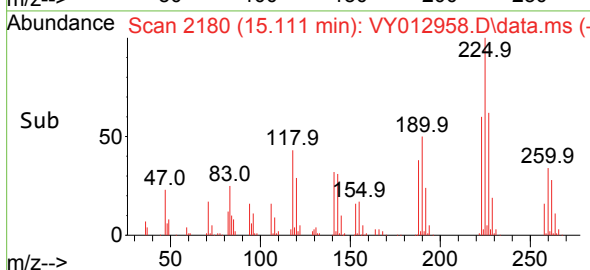
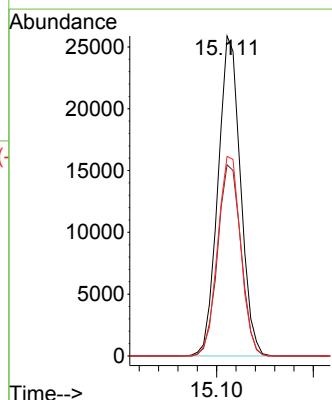
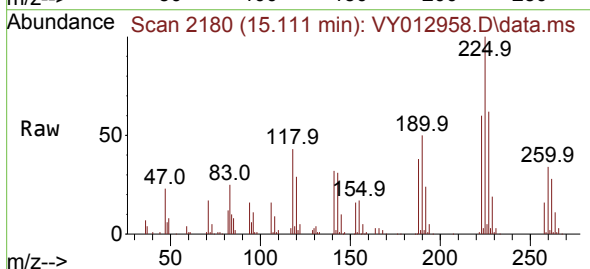
Tgt Ion:225 Resp: 41732

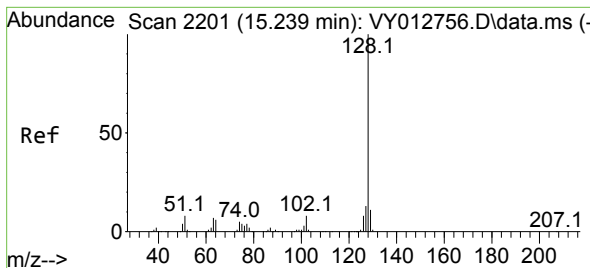
Ion Ratio Lower Upper

225 100

223 62.0 31.1 93.3

227 63.7 32.4 97.0





#95

Naphthalene

Concen: 53.601 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY012958.D

Acq: 15 Mar 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

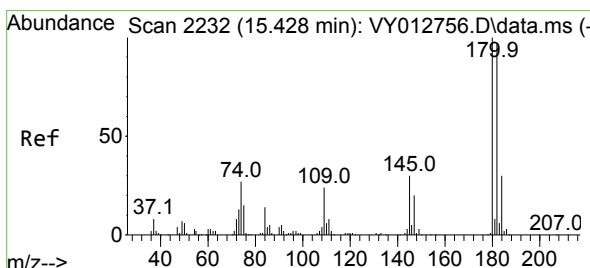
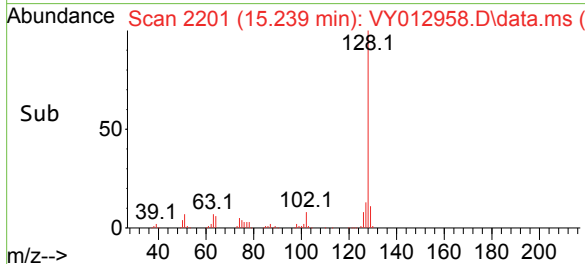
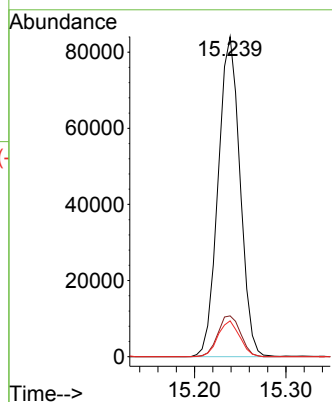
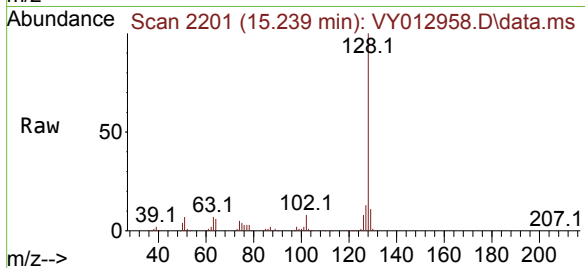
Tgt Ion:128 Resp: 139920

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 53.011 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY012958.D

Acq: 15 Mar 2023 16:54

Tgt Ion:180 Resp: 61415

Ion Ratio Lower Upper

180 100

182 95.4 47.4 142.3

145 31.8 15.3 45.8

