

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032123\
 Data File : VY013036.D
 Acq On : 21 Mar 2023 18:42
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 22 04:23:57 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	7.783	168	100804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	151839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	142648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	76730	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	52189	52.145	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.280%	
35) Dibromofluoromethane	7.716	113	52539	57.335	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.680%	
50) Toluene-d8	10.179	98	166252	49.628	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.260%	
62) 4-Bromofluorobenzene	12.477	95	65144	57.614	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 115.220%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	45810	46.106	ug/l	99
3) Chloromethane	2.113	50	44667	37.604	ug/l	97
4) Vinyl Chloride	2.247	62	44589	40.937	ug/l	98
5) Bromomethane	2.644	94	30550	46.159	ug/l	95
6) Chloroethane	2.784	64	29316	44.941	ug/l	96
7) Trichlorofluoromethane	3.125	101	75788	41.894	ug/l	98
8) Diethyl Ether	3.528	74	30202	47.641	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.893	101	51546	47.359	ug/l	99
10) Methyl Iodide	4.088	142	64709	45.629	ug/l	98
11) Tert butyl alcohol	4.948	59	31700	277.640	ug/l	100
12) 1,1-Dichloroethene	3.869	96	49018	47.221	ug/l	100
13) Acrolein	3.723	56	36261	206.794	ug/l	99
14) Allyl chloride	4.473	41	87495	45.630	ug/l	99
15) Acrylonitrile	5.155	53	89452	267.794	ug/l	99
16) Acetone	3.942	43	97264	247.591	ug/l	100
17) Carbon Disulfide	4.186	76	161234	45.632	ug/l	100
18) Methyl Acetate	4.473	43	62573	53.487	ug/l	100
19) Methyl tert-butyl Ether	5.216	73	135583	50.567	ug/l	100
20) Methylene Chloride	4.710	84	58541	48.694	ug/l	96
21) trans-1,2-Dichloroethene	5.216	96	53580	47.498	ug/l	99
22) Diisopropyl ether	6.112	45	177576	50.988	ug/l	98
23) Vinyl Acetate	6.051	43	570062	263.435	ug/l	99
24) 1,1-Dichloroethane	6.009	63	96337	48.543	ug/l	99
25) 2-Butanone	6.978	43	132191	271.680	ug/l	98
26) 2,2-Dichloropropane	6.978	77	81002	45.956	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	59280	49.015	ug/l	99
28) Bromochloromethane	7.326	49	37502	51.709	ug/l	98
29) Tetrahydrofuran	7.344	42	83955	286.087	ug/l	100
30) Chloroform	7.502	83	99553	50.786	ug/l	100
31) Cyclohexane	7.783	56	84862	44.272	ug/l	97
32) 1,1,1-Trichloroethane	7.698	97	86495	48.792	ug/l	98
36) 1,1-Dichloropropene	7.911	75	75303	49.038	ug/l	100
37) Ethyl Acetate	7.070	43	53803	55.590	ug/l	98
38) Carbon Tetrachloride	7.899	117	79777	50.309	ug/l	98
39) Methylcyclohexane	9.179	83	88350	48.394	ug/l	97
40) Benzene	8.155	78	219151	50.452	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	76608	146.911	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	67606	51.768	ug/l	100
43) Isopropyl Acetate	8.271	43	94602	54.785	ug/l	99
44) Trichloroethene	8.935	130	57136	49.890	ug/l	100
45) 1,2-Dichloropropane	9.216	63	56608	51.566	ug/l	100
46) Dibromomethane	9.301	93	34017	54.391	ug/l	99
47) Bromodichloromethane	9.496	83	76873	52.160	ug/l	100
48) Methyl methacrylate	9.289	41	43363	54.500	ug/l	97
49) 1,4-Dioxane	9.295	88	10354	1280.642	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	278782	297.631	ug/l	100
52) Toluene	10.240	92	136586	52.139	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	81655	52.821	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	89725	51.279	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	46708	53.627	ug/l	99
56) Ethyl methacrylate	10.508	69	65117	56.070	ug/l	100
57) 1,3-Dichloropropane	10.788	76	79893	53.855	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	178979	293.570	ug/l	99
59) 2-Hexanone	10.825	43	204495	300.394	ug/l	100
60) Dibromochloromethane	10.984	129	57284	54.030	ug/l	99
61) 1,2-Dibromoethane	11.087	107	45844	54.641	ug/l	99
64) Tetrachloroethene	10.715	164	50928	49.036	ug/l	97
65) Chlorobenzene	11.514	112	146071	48.791	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	54876	49.535	ug/l	100
67) Ethyl Benzene	11.587	91	256585	48.747	ug/l	100
68) m/p-Xylenes	11.697	106	202191	99.852	ug/l	100
69) o-Xylene	12.026	106	93550	49.502	ug/l	99
70) Styrene	12.038	104	161437	51.190	ug/l	99
71) Bromoform	12.203	173	38132	52.793	ug/l #	98
73) Isopropylbenzene	12.325	105	253716	46.657	ug/l	100
74) N-amyl acetate	12.142	43	85815	50.156	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	61999	50.719	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	77650	84.745	ug/l #	100
77) Bromobenzene	12.605	156	62120	47.023	ug/l	98
78) n-propylbenzene	12.666	91	314741	46.946	ug/l	99
79) 2-Chlorotoluene	12.752	91	173680	46.611	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	212921	47.445	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	21567	48.771	ug/l	98
82) 4-Chlorotoluene	12.849	91	182859	47.408	ug/l	99
83) tert-Butylbenzene	13.075	119	186329	48.104	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	209414	47.721	ug/l	100
85) sec-Butylbenzene	13.251	105	280371	47.447	ug/l	100
86) p-Isopropyltoluene	13.367	119	230478	47.723	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	120628	47.345	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	121164	46.595	ug/l	98
89) n-Butylbenzene	13.696	91	218619	47.286	ug/l	99
90) Hexachloroethane	13.959	117	47312	47.035	ug/l	98
91) 1,2-Dichlorobenzene	13.733	146	111577	48.445	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10726	54.293	ug/l	96
93) 1,2,4-Trichlorobenzene	15.001	180	66714	47.045	ug/l	98
94) Hexachlorobutadiene	15.111	225	39920	46.155	ug/l	99
95) Naphthalene	15.233	128	150320	52.898	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	62989	49.944	ug/l	99

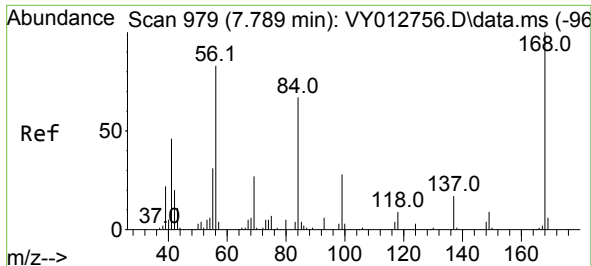
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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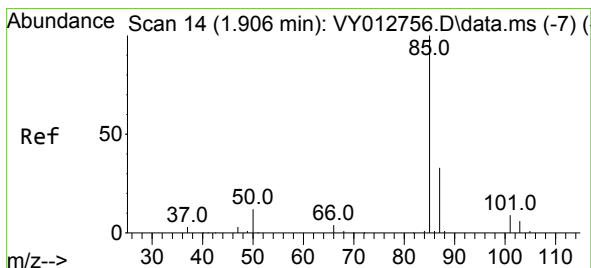
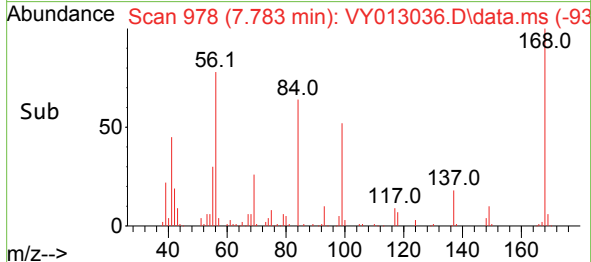
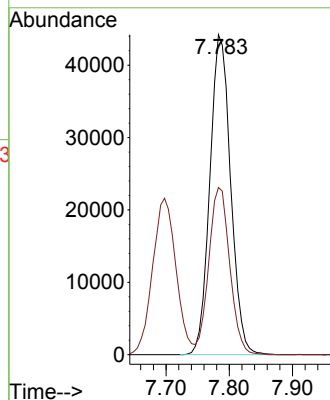
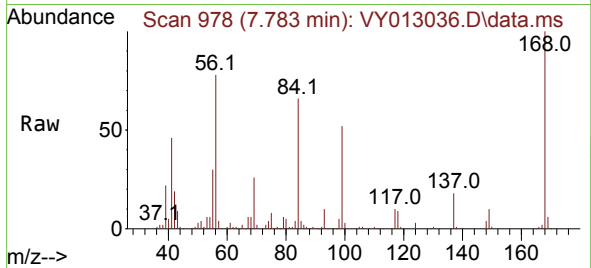
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013036.D
Acq: 21 Mar 2023 18:42

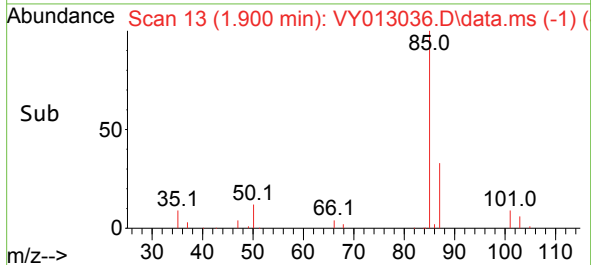
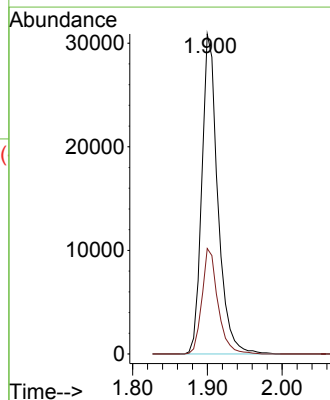
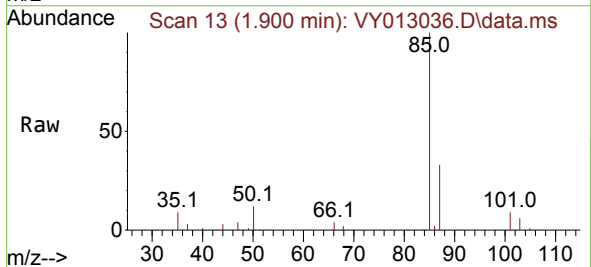
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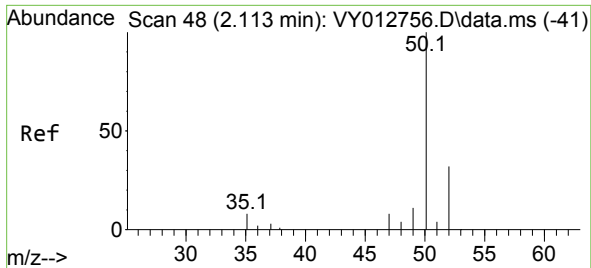
Tgt Ion:168 Resp: 100804
Ion Ratio Lower Upper
168 100
99 52.2 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 46.106 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY013036.D
Acq: 21 Mar 2023 18:42

Tgt Ion: 85 Resp: 45810
Ion Ratio Lower Upper
85 100
87 33.0 16.7 50.0

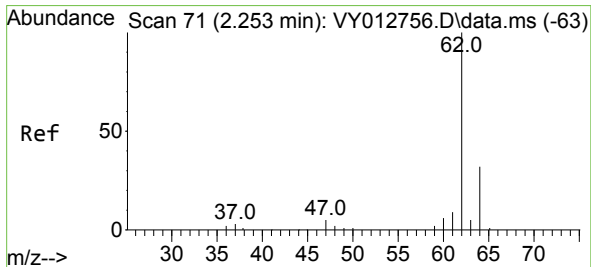
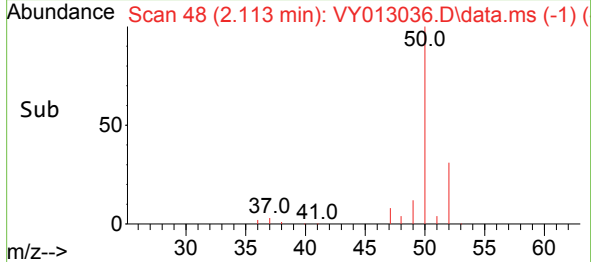
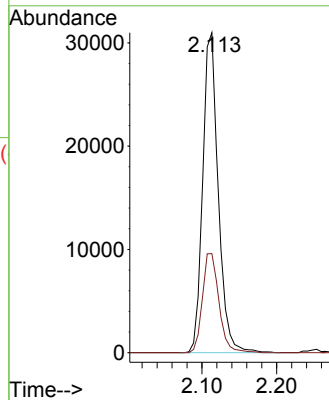
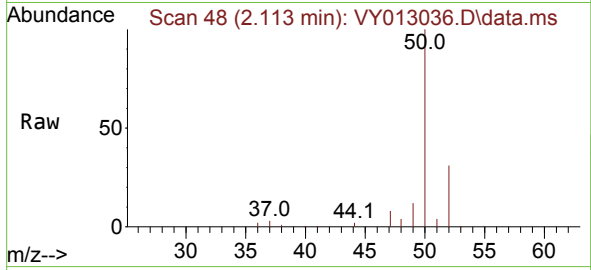




#3
Chloromethane
Concen: 37.604 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013036.D
Acq: 21 Mar 2023 18:42

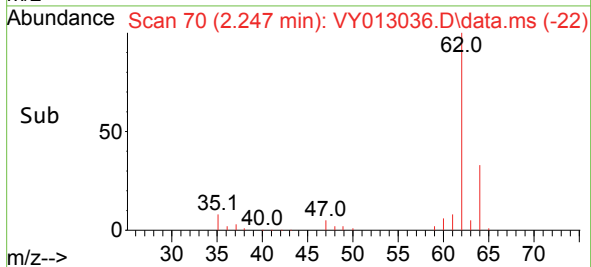
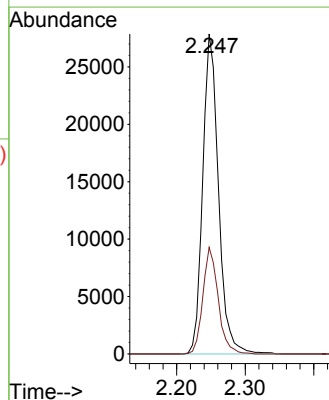
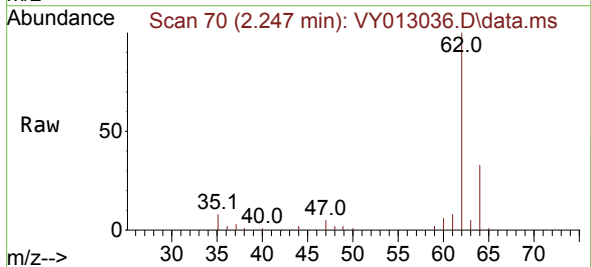
Instrument :
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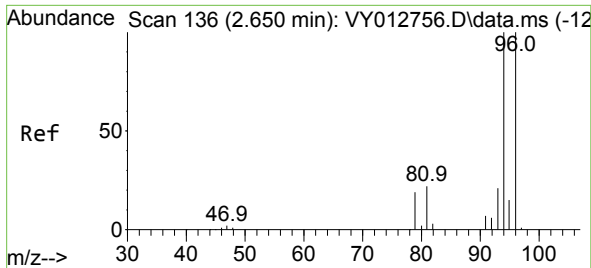
Tgt Ion: 50 Resp: 44667
Ion Ratio Lower Upper
50 100
52 30.9 26.0 39.0



#4
Vinyl Chloride
Concen: 40.937 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY013036.D
Acq: 21 Mar 2023 18:42

Tgt Ion: 62 Resp: 44589
Ion Ratio Lower Upper
62 100
64 33.3 25.6 38.4





#5

Bromomethane

Concen: 46.159 ug/l

RT: 2.644 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013036.D

Acq: 21 Mar 2023 18:42

Instrument :

MSVOA_Y

ClientSampleId :

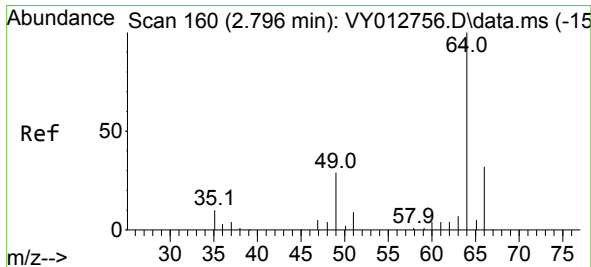
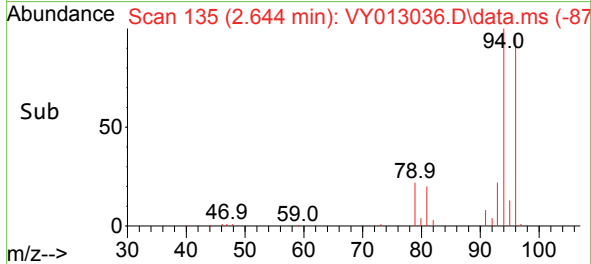
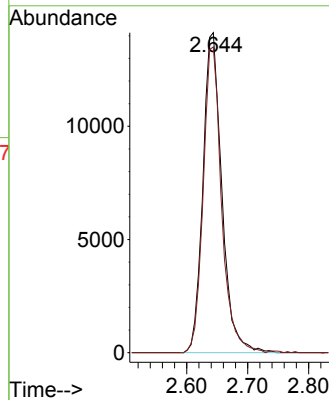
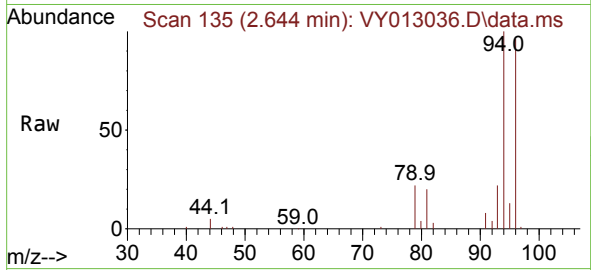
VSTDCCC050EC

Tgt Ion: 94 Resp: 30550

Ion Ratio Lower Upper

94 100

96 95.6 80.3 120.5



#6

Chloroethane

Concen: 44.941 ug/l

RT: 2.784 min Scan# 158

Delta R.T. -0.012 min

Lab File: VY013036.D

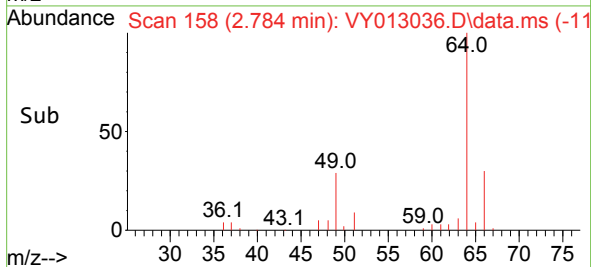
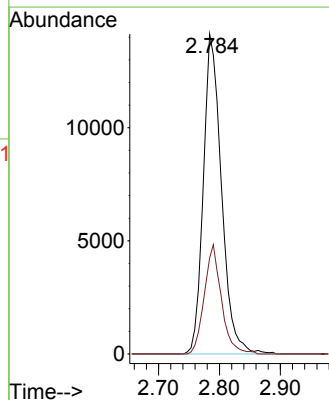
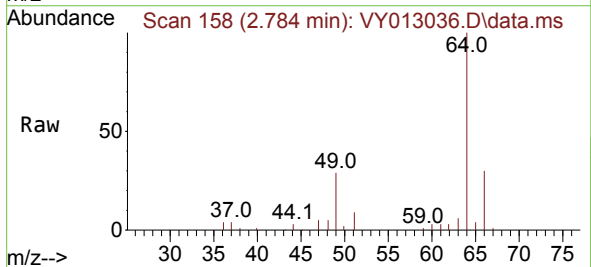
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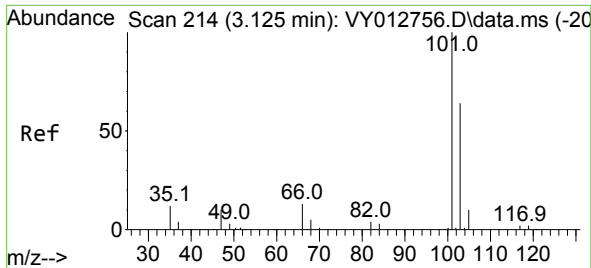
Tgt Ion: 64 Resp: 29316

Ion Ratio Lower Upper

64 100

66 30.0 25.7 38.5

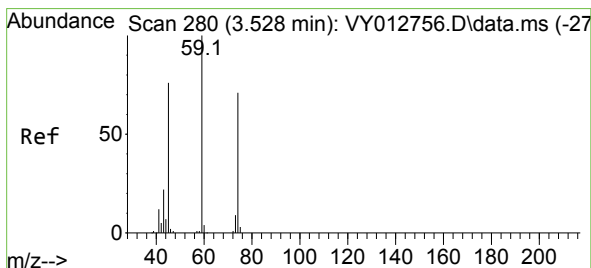
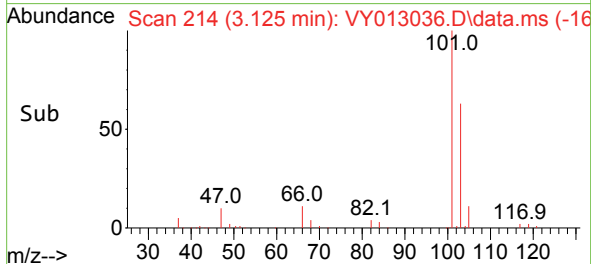
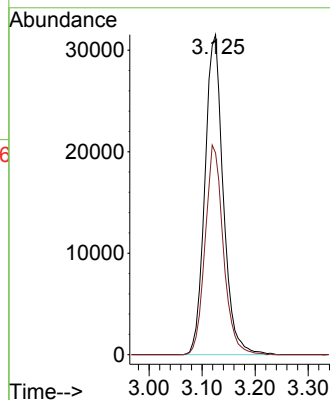
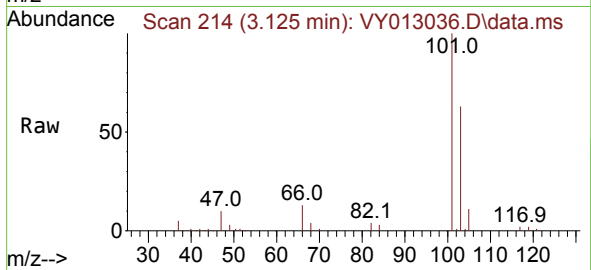




#7
 Trichlorofluoromethane
 Concen: 41.894 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY013036.D
 Acq: 21 Mar 2023 18:42

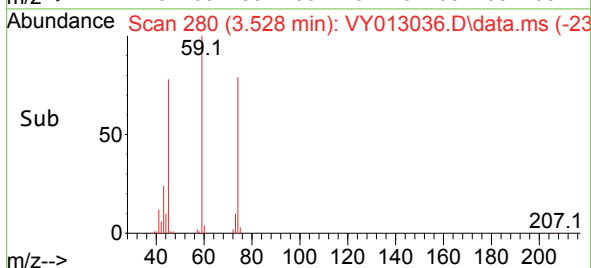
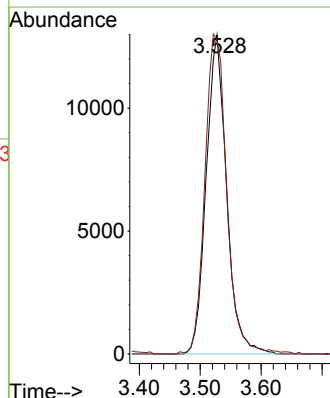
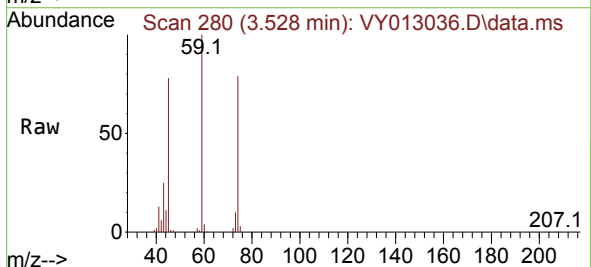
Instrument :
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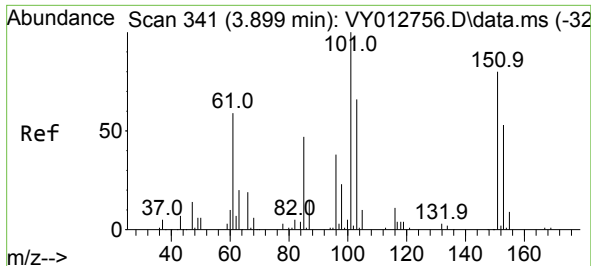
Tgt Ion:101 Resp: 75788
 Ion Ratio Lower Upper
 101 100
 103 63.0 51.5 77.3



#8
 Diethyl Ether
 Concen: 47.641 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. -0.000 min
 Lab File: VY013036.D
 Acq: 21 Mar 2023 18:42

Tgt Ion: 74 Resp: 30202
 Ion Ratio Lower Upper
 74 100
 45 107.3 52.1 156.4

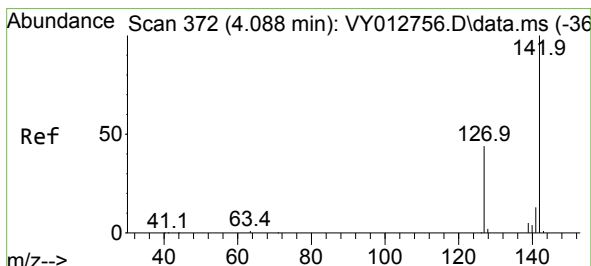
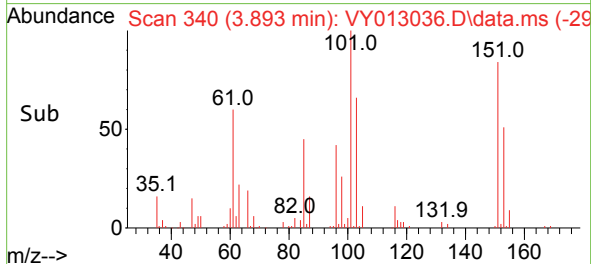
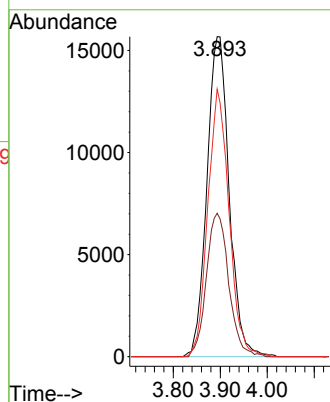
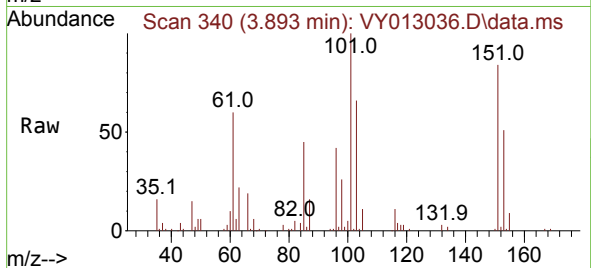




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.359 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY013036.D
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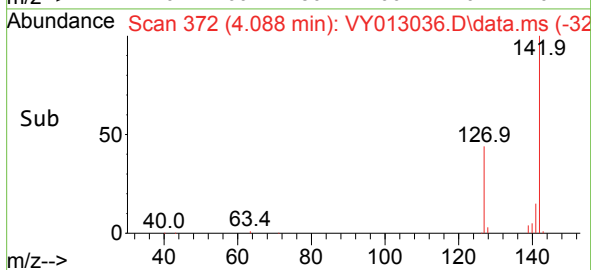
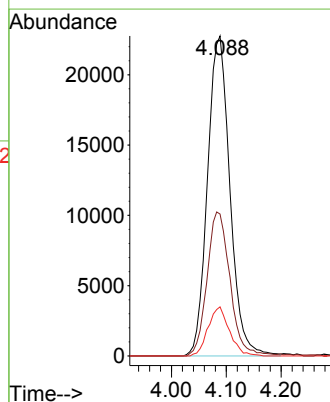
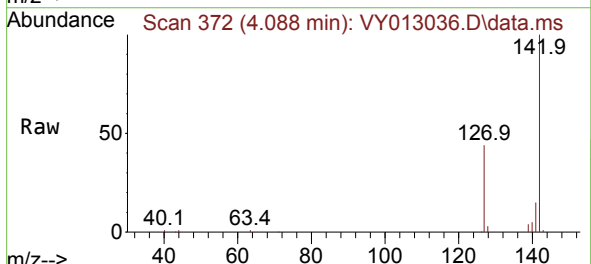
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

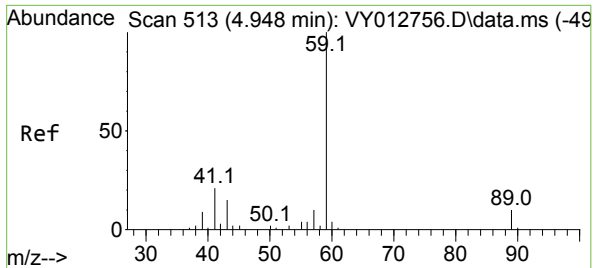
Tgt Ion:101 Resp: 51546
Ion Ratio Lower Upper
101 100
85 45.0 35.3 52.9
151 79.8 63.1 94.7



#10
Methyl Iodide
Concen: 45.629 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY013036.D
Acq: 21 Mar 2023 18:42

Tgt Ion:142 Resp: 64709
Ion Ratio Lower Upper
142 100
127 45.9 35.4 53.2
141 14.6 11.3 16.9

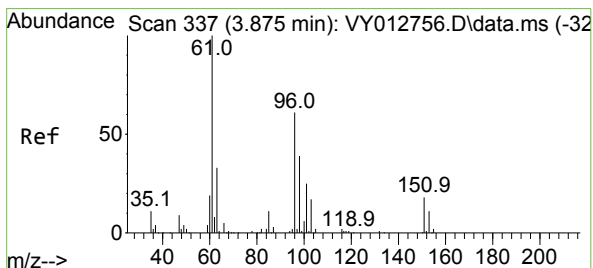
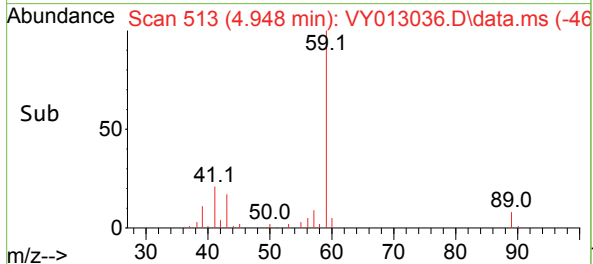
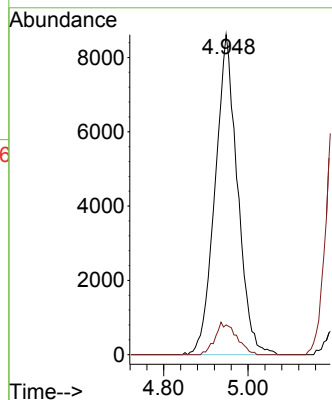
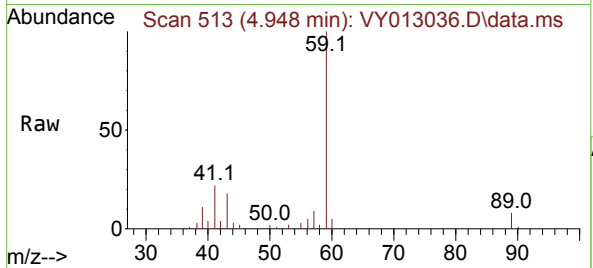




#11
Tert butyl alcohol
Concen: 277.640 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY013036.D
Acq: 21 Mar 2023 18:42

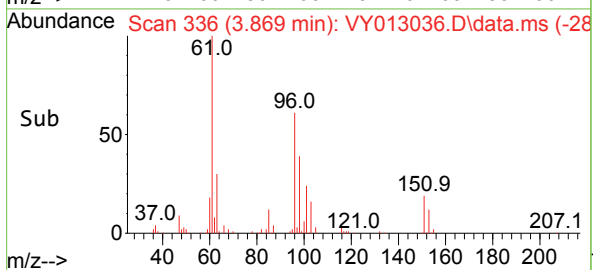
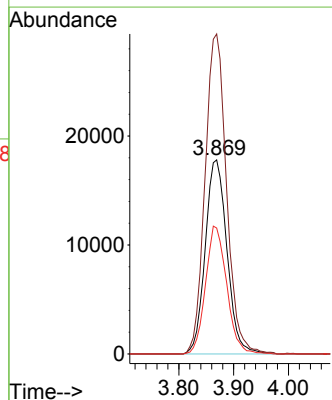
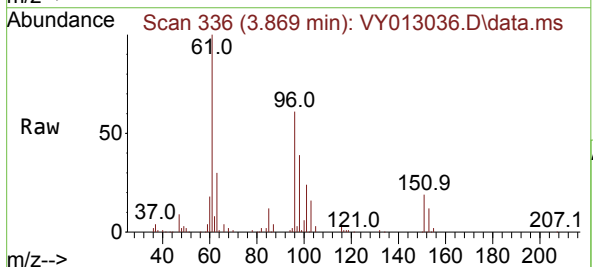
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

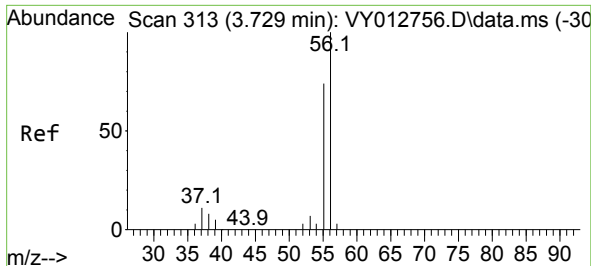
Tgt Ion: 59 Resp: 31700
Ion Ratio Lower Upper
59 100
57 9.7 7.7 11.5



#12
1,1-Dichloroethene
Concen: 47.221 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY013036.D
Acq: 21 Mar 2023 18:42

Tgt Ion: 96 Resp: 49018
Ion Ratio Lower Upper
96 100
61 164.8 131.7 197.5
98 64.9 52.0 78.0





#13

Acrolein

Concen: 206.794 ug/l

RT: 3.723 min Scan# 313

Delta R.T. -0.006 min

Lab File: VY013036.D

Acq: 21 Mar 2023 18:42

Instrument :

MSVOA_Y

ClientSampleId :

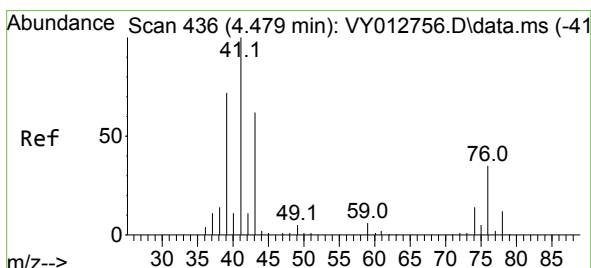
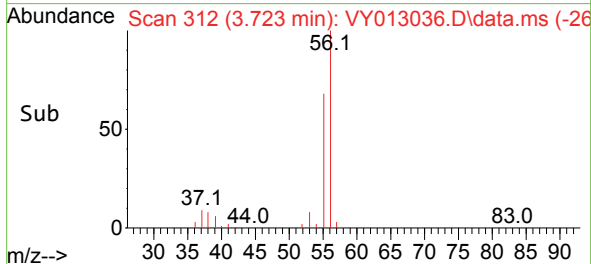
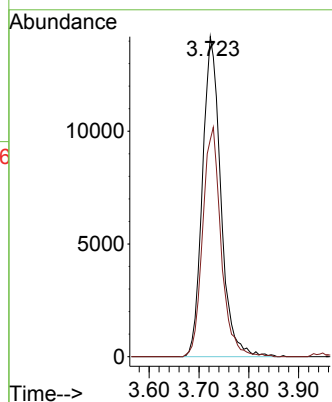
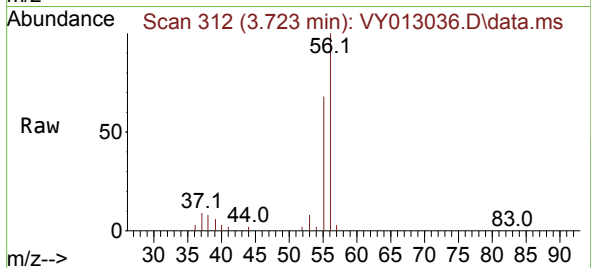
VSTDCCC050EC

Tgt Ion: 56 Resp: 36261

Ion Ratio Lower Upper

56 100

55 72.0 56.8 85.2



#14

Allyl chloride

Concen: 45.630 ug/l

RT: 4.473 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY013036.D

Acq: 21 Mar 2023 18:42

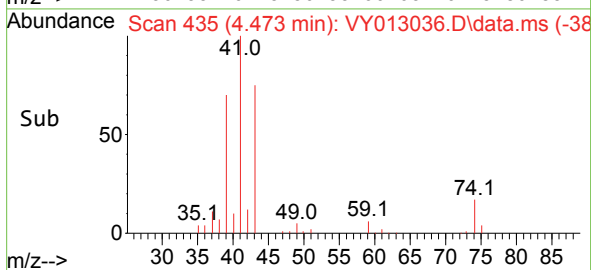
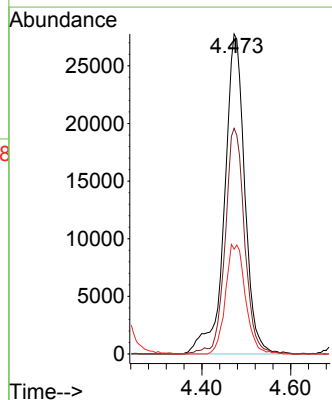
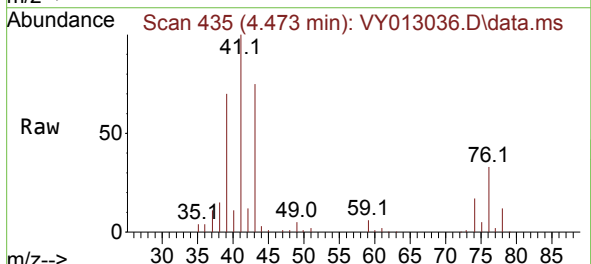
Tgt Ion: 41 Resp: 87495

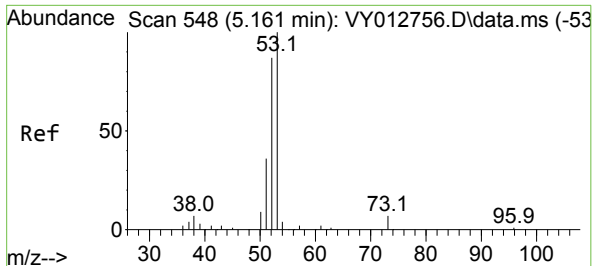
Ion Ratio Lower Upper

41 100

39 67.9 53.6 80.4

76 33.8 27.2 40.8

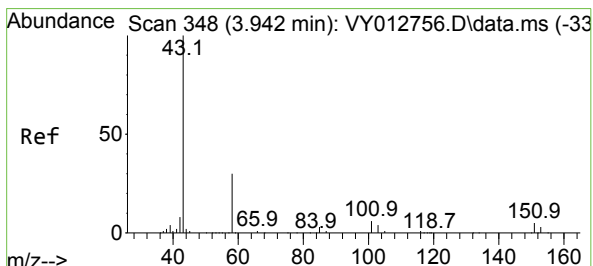
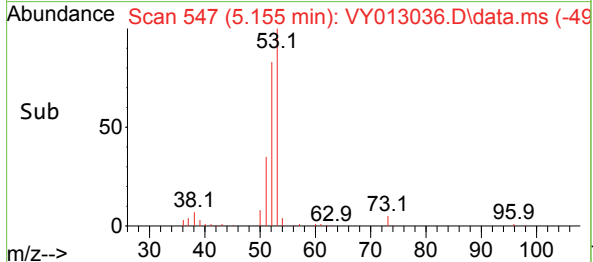
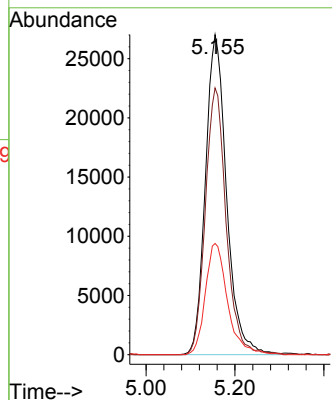
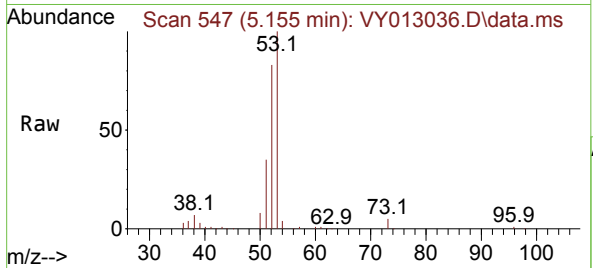




#15
Acrylonitrile
Concen: 267.794 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY013036.D
Acq: 21 Mar 2023 18:42

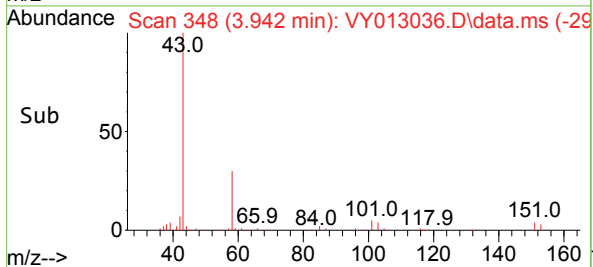
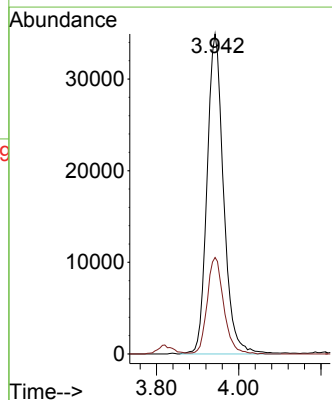
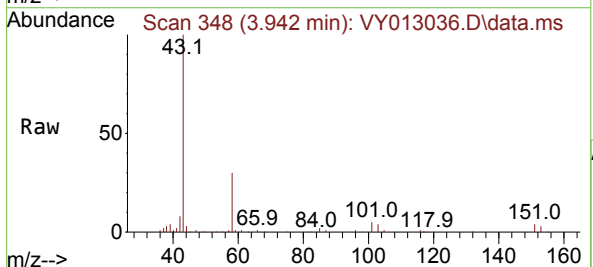
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

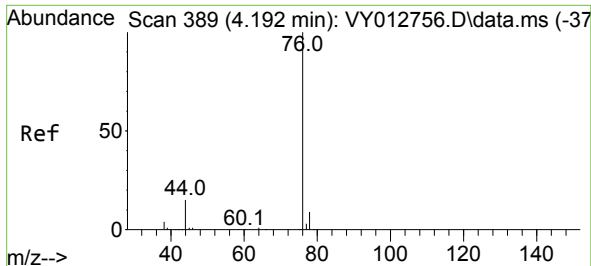
Tgt Ion: 53 Resp: 89452
Ion Ratio Lower Upper
53 100
52 82.0 66.3 99.5
51 36.6 28.8 43.2



#16
Acetone
Concen: 247.591 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY013036.D
Acq: 21 Mar 2023 18:42

Tgt Ion: 43 Resp: 97264
Ion Ratio Lower Upper
43 100
58 30.2 24.2 36.2

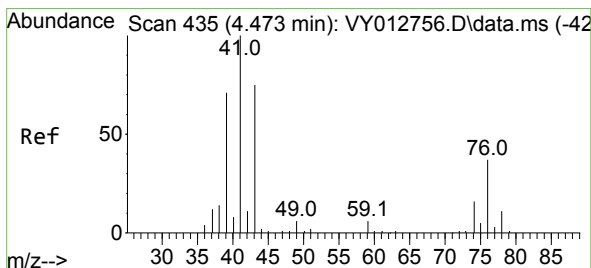
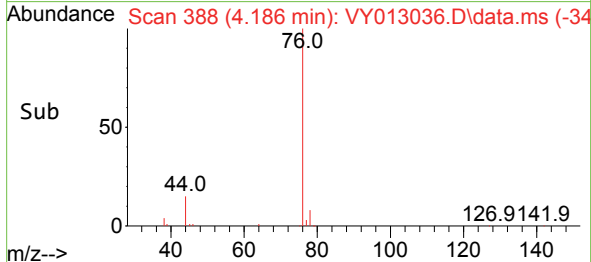
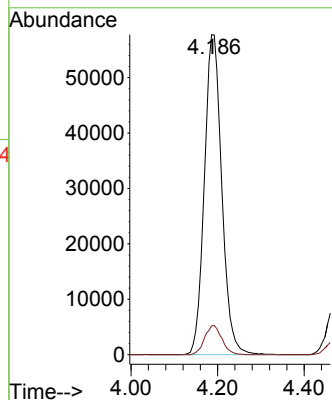
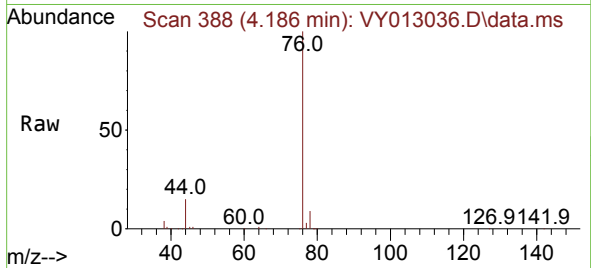




#17
Carbon Disulfide
Concen: 45.632 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.006 min
Lab File: VY013036.D
Acq: 21 Mar 2023 18:42

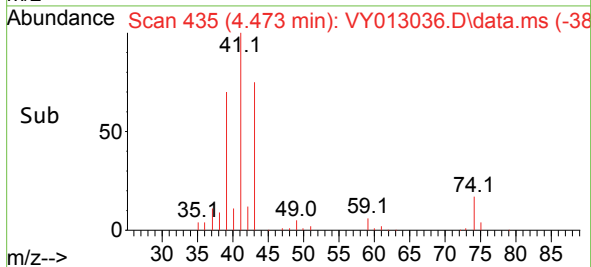
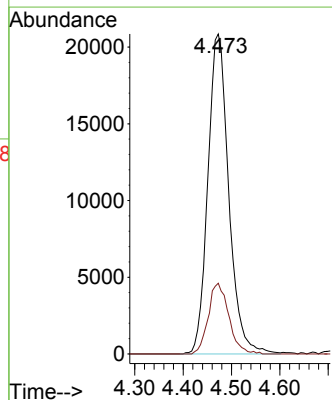
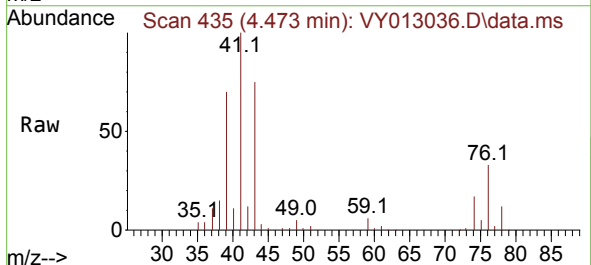
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

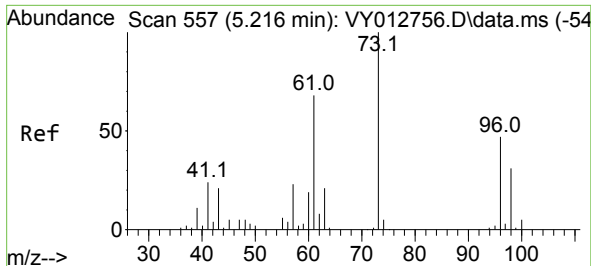
Tgt Ion: 76 Resp: 161234
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 53.487 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY013036.D
Acq: 21 Mar 2023 18:42

Tgt Ion: 43 Resp: 62573
Ion Ratio Lower Upper
43 100
74 21.7 17.4 26.0

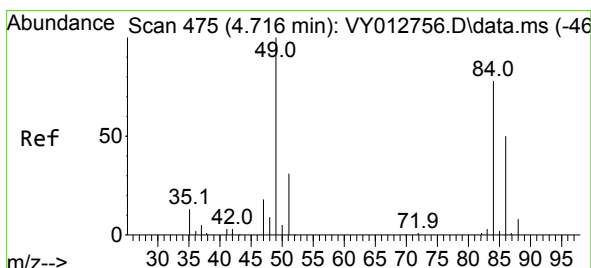
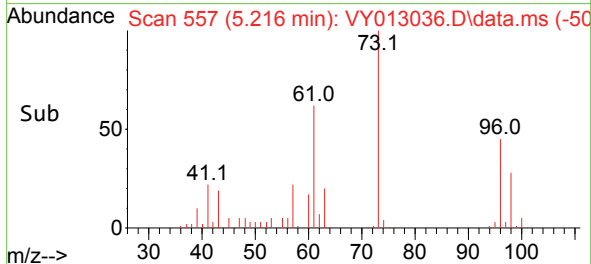
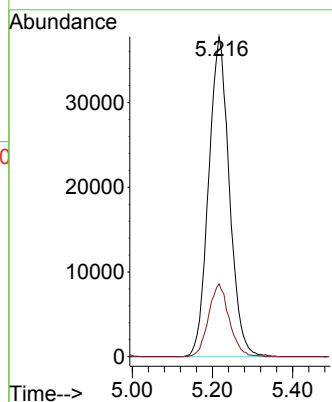
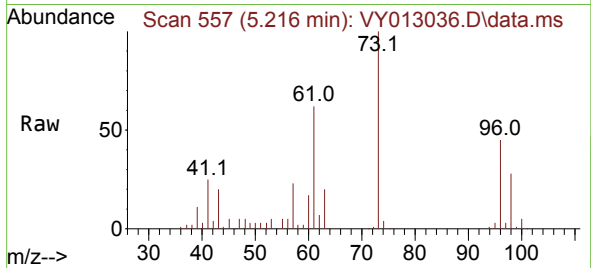




#19
Methyl tert-butyl Ether
Concen: 50.567 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013036.D
Acq: 21 Mar 2023 18:42

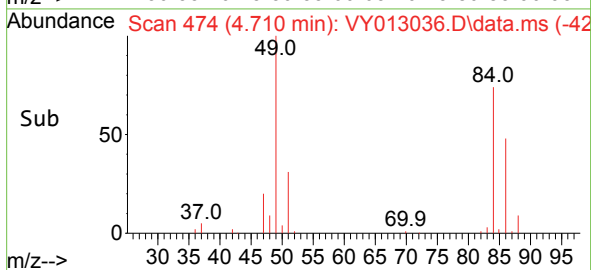
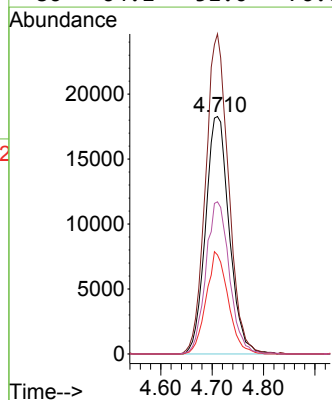
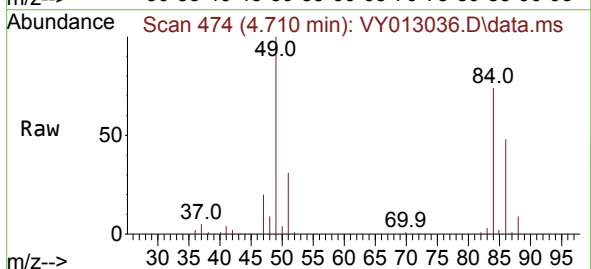
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

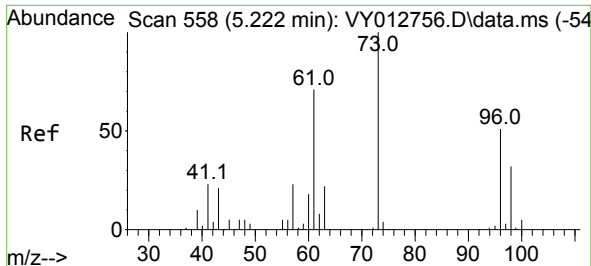
Tgt Ion: 73 Resp: 135583
Ion Ratio Lower Upper
73 100
57 22.8 18.3 27.5



#20
Methylene Chloride
Concen: 48.694 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013036.D
Acq: 21 Mar 2023 18:42

Tgt Ion: 84 Resp: 58541
Ion Ratio Lower Upper
84 100
49 134.7 102.6 154.0
51 41.7 31.9 47.9
86 64.1 51.0 76.6

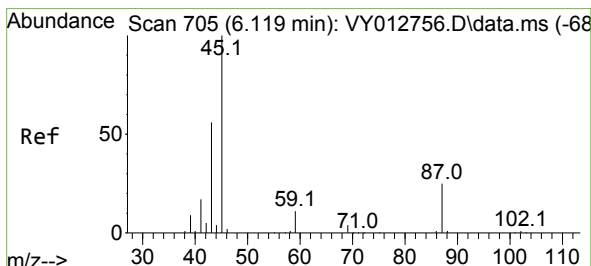
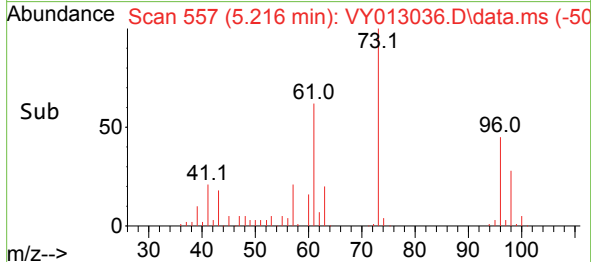
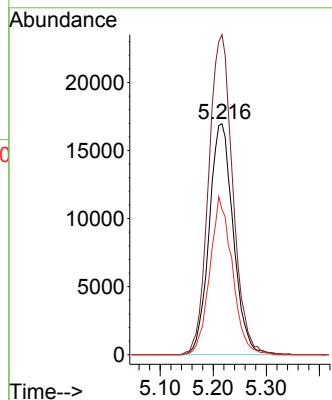
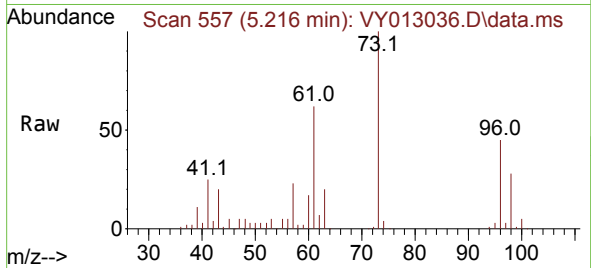




#21
trans-1,2-Dichloroethene
Concen: 47.498 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013036.D
Acq: 21 Mar 2023 18:42

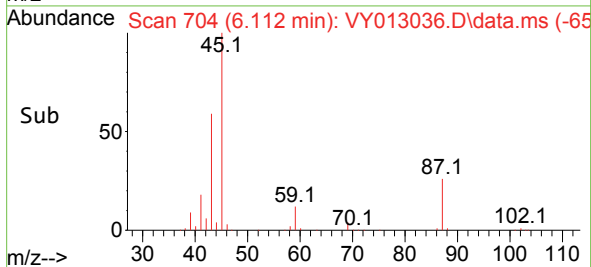
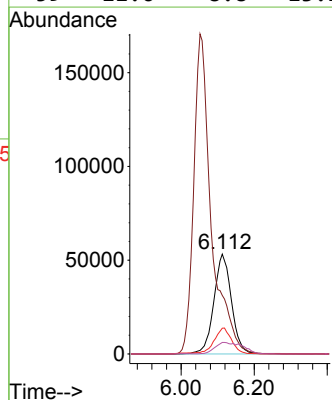
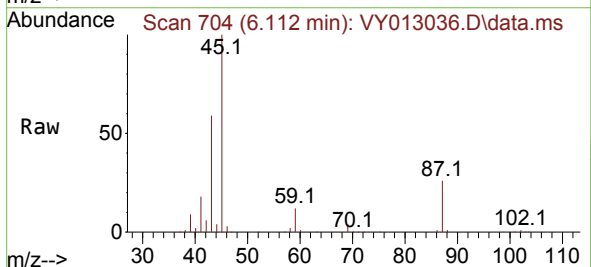
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

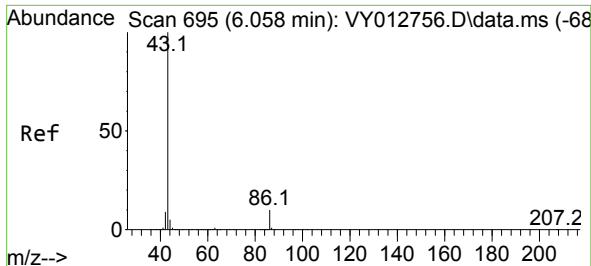
Tgt Ion: 96 Resp: 53580
Ion Ratio Lower Upper
96 100
61 138.6 111.4 167.0
98 62.9 50.8 76.2



#22
Diisopropyl ether
Concen: 50.988 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.007 min
Lab File: VY013036.D
Acq: 21 Mar 2023 18:42

Tgt Ion: 45 Resp: 177576
Ion Ratio Lower Upper
45 100
43 58.2 45.0 67.6
87 25.8 20.3 30.5
59 11.6 8.8 13.2

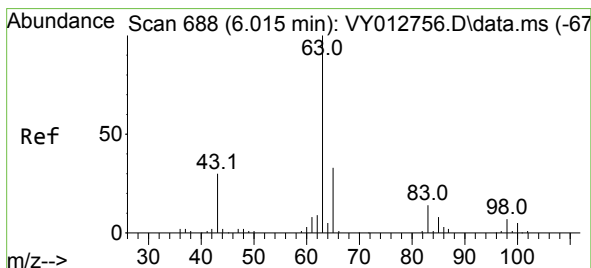
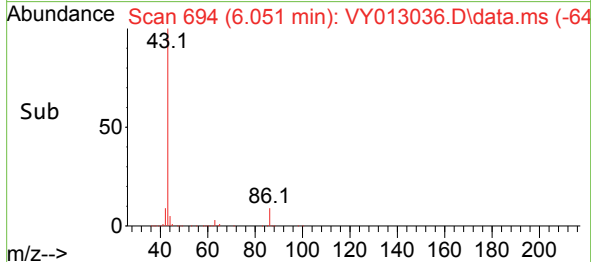
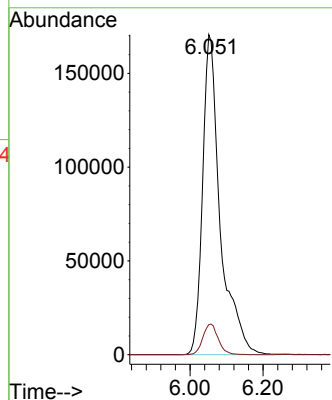
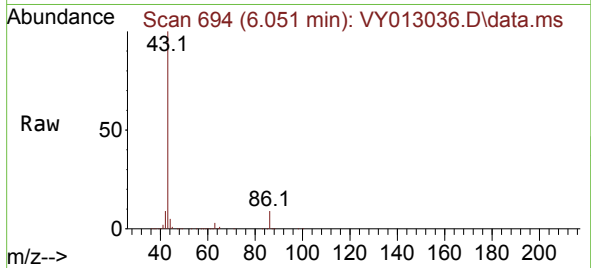




#23
 Vinyl Acetate
 Concen: 263.435 ug/l
 RT: 6.051 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VY013036.D
 Acq: 21 Mar 2023 18:42

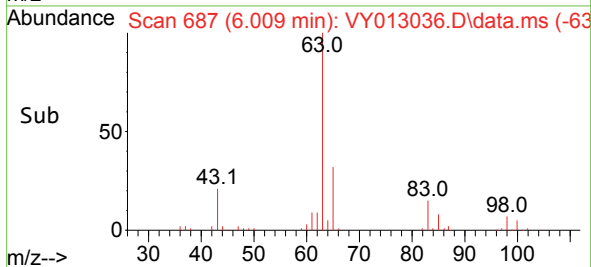
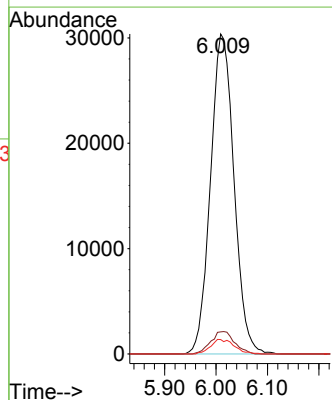
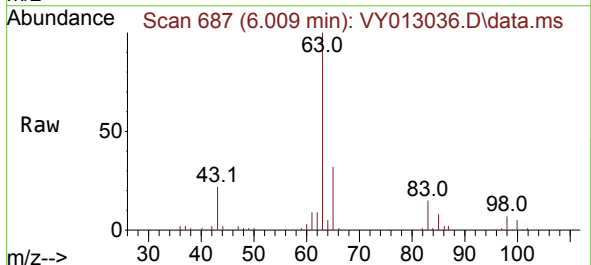
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

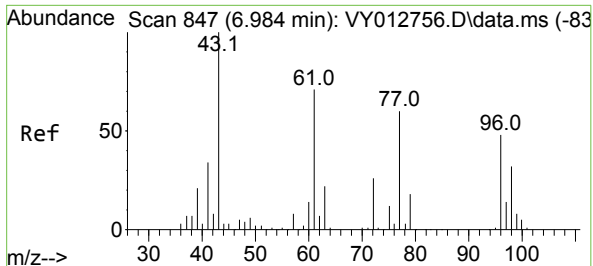
Tgt Ion: 43 Resp: 570062
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 48.543 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY013036.D
 Acq: 21 Mar 2023 18:42

Tgt Ion: 63 Resp: 96337
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.7 11.1
 100 4.5 2.3 6.8





#25

2-Butanone

Concen: 271.680 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY013036.D

Acq: 21 Mar 2023 18:42

Instrument :

MSVOA_Y

ClientSampleId :

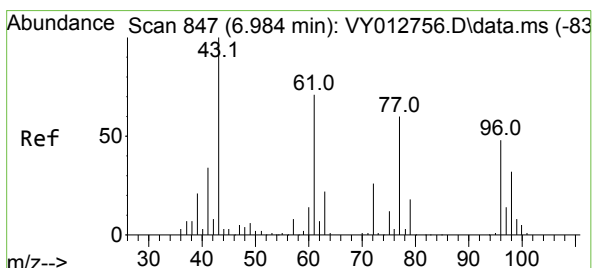
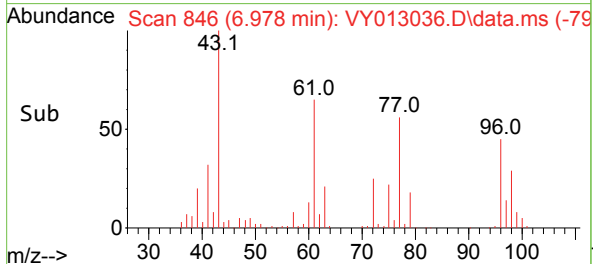
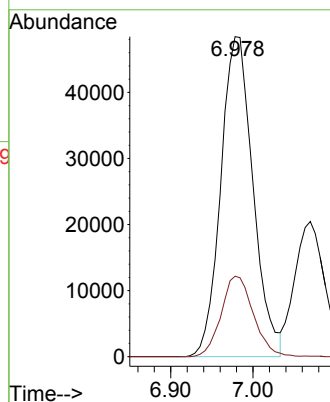
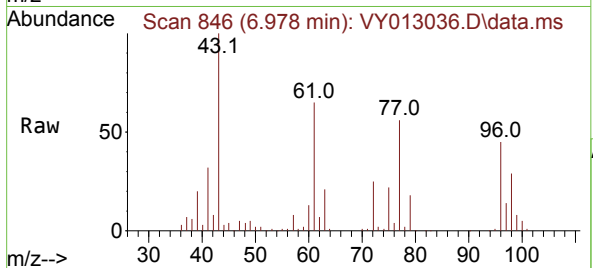
VSTDCCC050EC

Tgt Ion: 43 Resp: 132191

Ion Ratio Lower Upper

43 100

72 25.2 21.0 31.4



#26

2,2-Dichloropropane

Concen: 45.956 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY013036.D

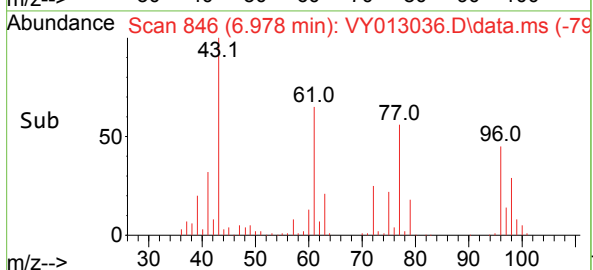
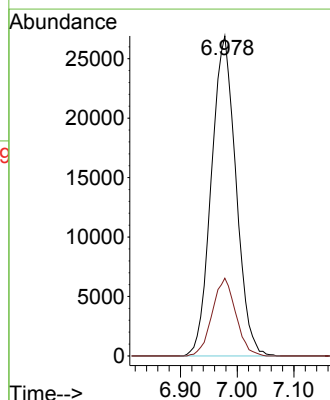
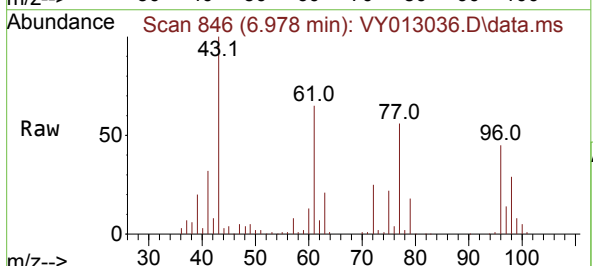
Acq: 21 Mar 2023 18:42

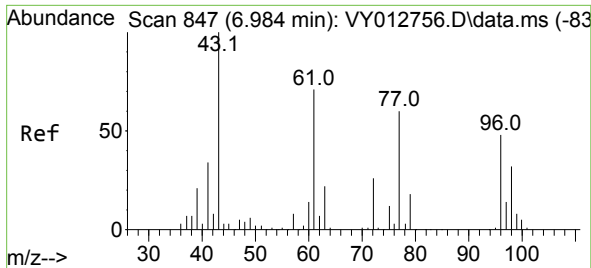
Tgt Ion: 77 Resp: 81002

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.0

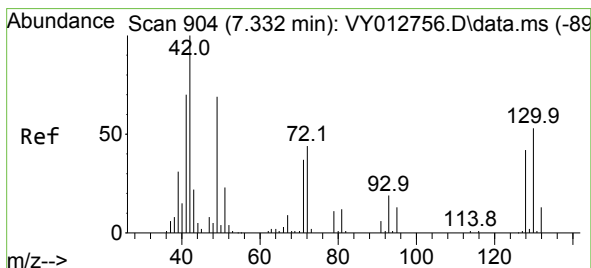
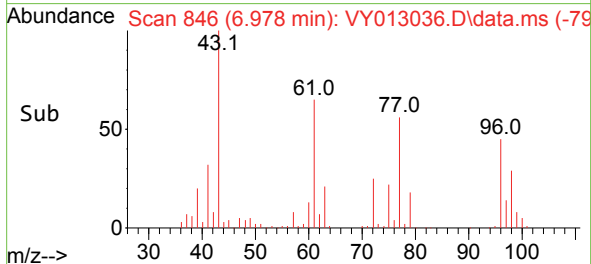
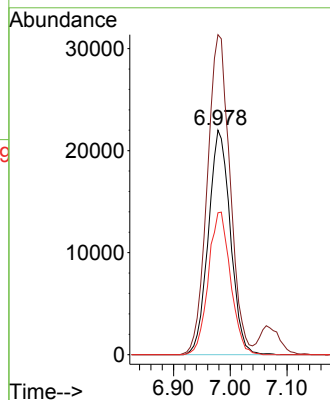
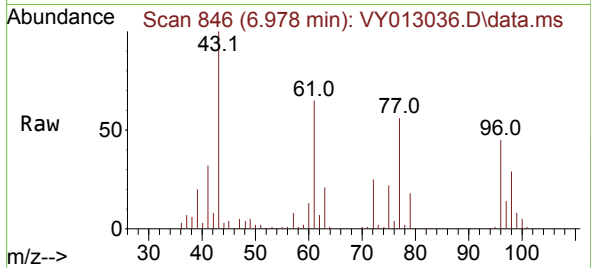




#27
 cis-1,2-Dichloroethene
 Concen: 49.015 ug/l
 RT: 6.978 min Scan# 84
 Delta R.T. -0.006 min
 Lab File: VY013036.D
 Acq: 21 Mar 2023 18:42

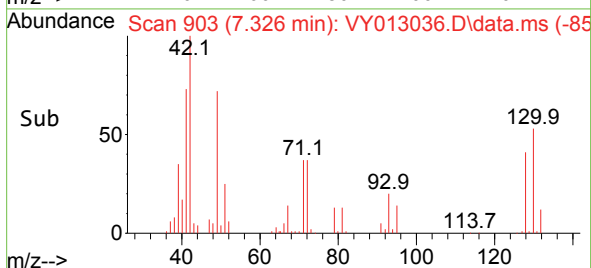
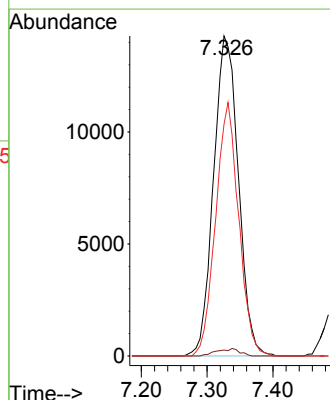
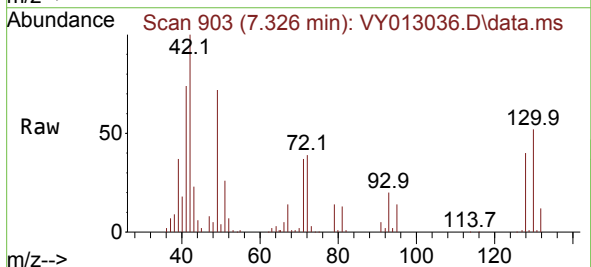
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

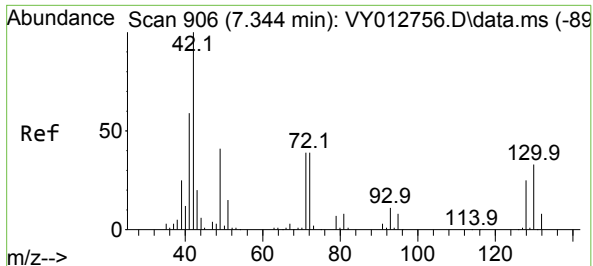
Tgt Ion: 96 Resp: 59280
 Ion Ratio Lower Upper
 96 100
 61 147.4 0.0 295.8
 98 64.0 0.0 130.2



#28
 Bromochloromethane
 Concen: 51.709 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.006 min
 Lab File: VY013036.D
 Acq: 21 Mar 2023 18:42

Tgt Ion: 49 Resp: 37502
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 73.7 60.5 90.7





#29

Tetrahydrofuran

Concen: 286.087 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY013036.D

Acq: 21 Mar 2023 18:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

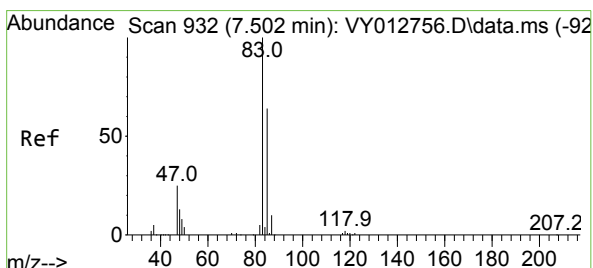
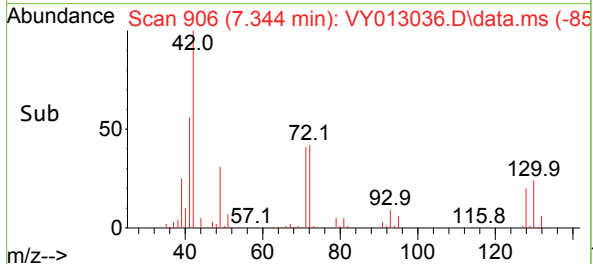
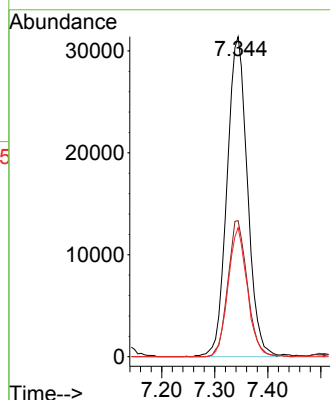
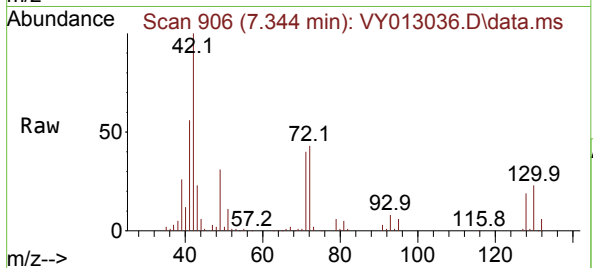
Tgt Ion: 42 Resp: 83955

Ion Ratio Lower Upper

42 100

72 40.7 32.3 48.5

71 37.9 30.3 45.5



#30

Chloroform

Concen: 50.786 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY013036.D

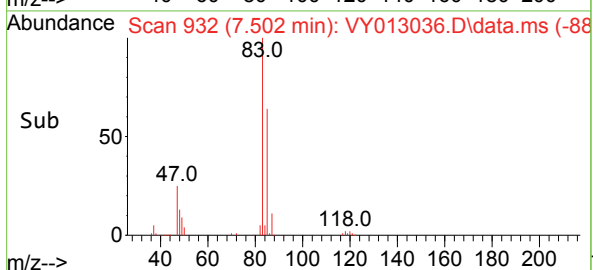
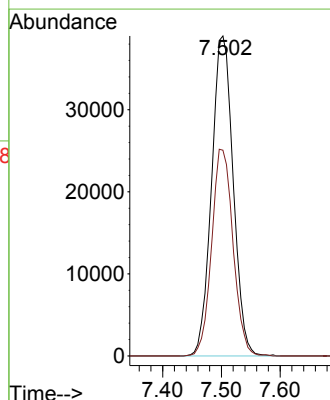
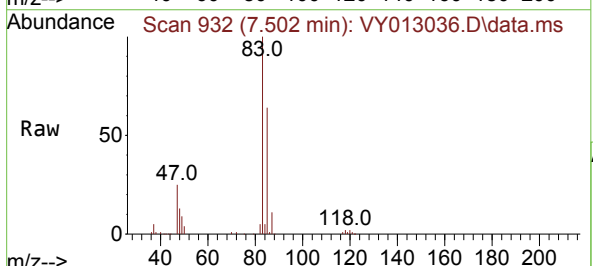
Acq: 21 Mar 2023 18:42

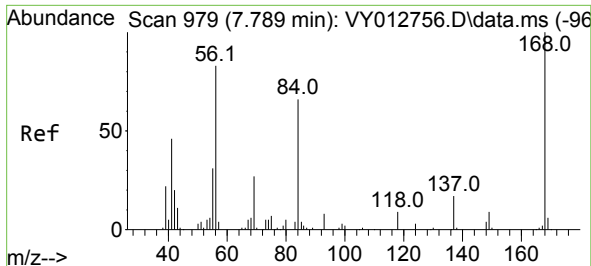
Tgt Ion: 83 Resp: 99553

Ion Ratio Lower Upper

83 100

85 64.3 51.4 77.0

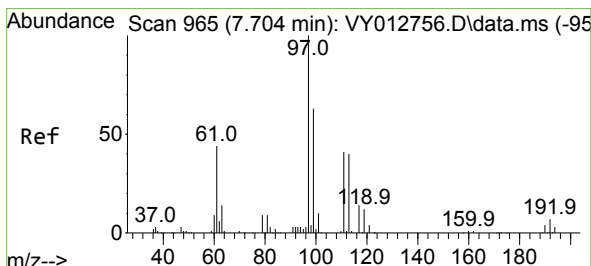
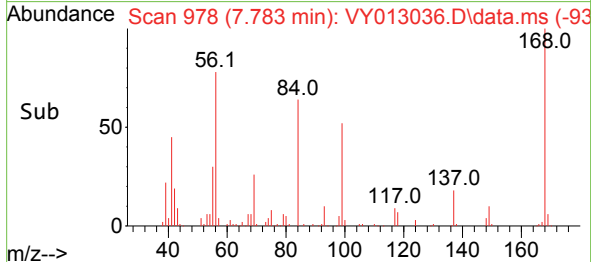
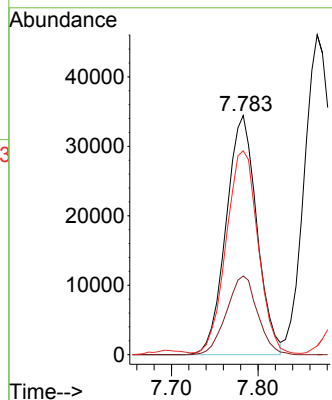
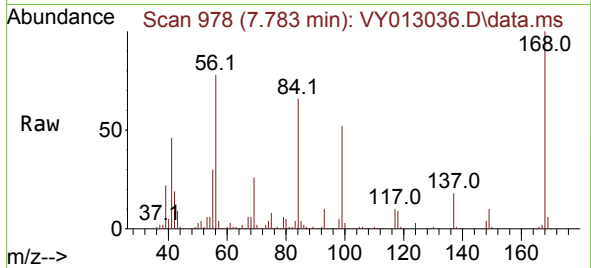




#31
Cyclohexane
Concen: 44.272 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013036.D
Acq: 21 Mar 2023 18:42

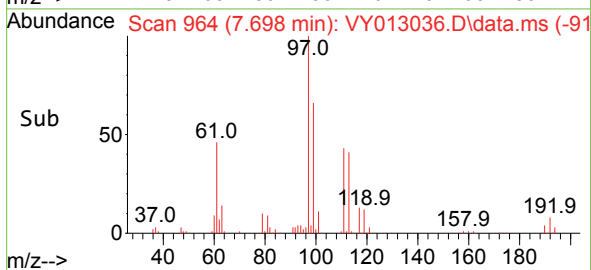
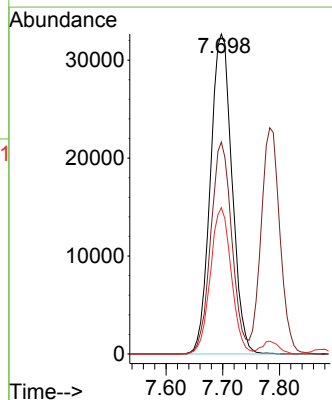
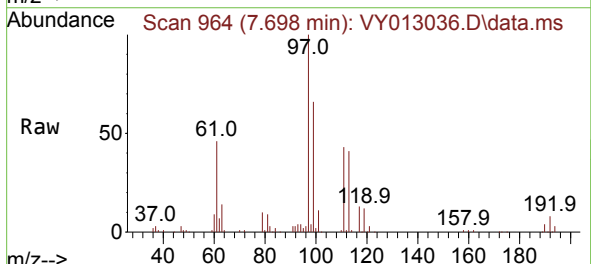
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

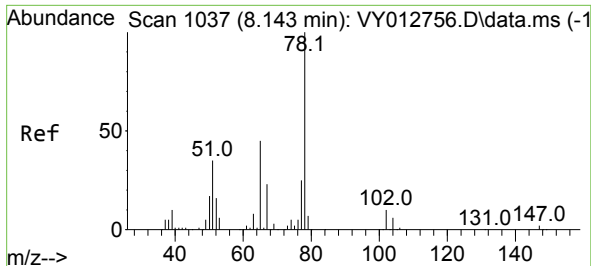
Tgt Ion: 56 Resp: 84862
Ion Ratio Lower Upper
56 100
69 32.9 25.7 38.5
84 83.9 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 48.792 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY013036.D
Acq: 21 Mar 2023 18:42

Tgt Ion: 97 Resp: 86495
Ion Ratio Lower Upper
97 100
99 64.8 51.0 76.6
61 44.3 34.5 51.7

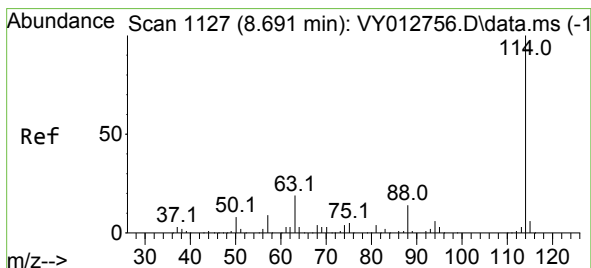
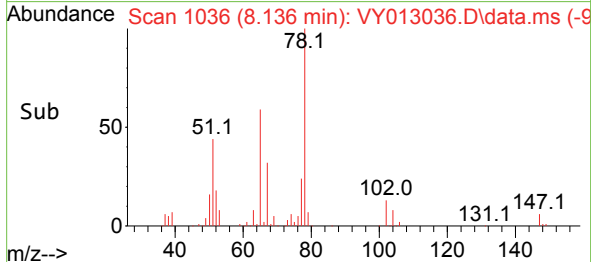
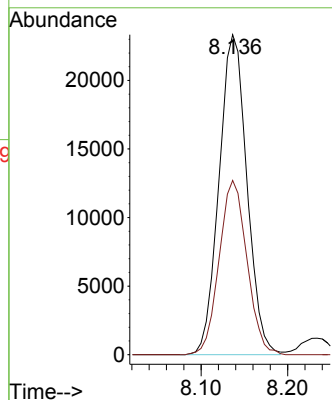
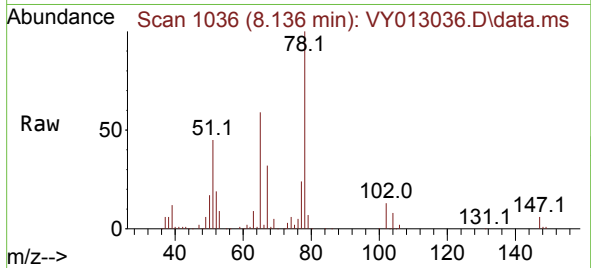




#33
1,2-Dichloroethane-d4
Concen: 52.145 ug/l
RT: 8.136 min Scan# 1037
Delta R.T. -0.007 min
Lab File: VY013036.D
Acq: 21 Mar 2023 18:42

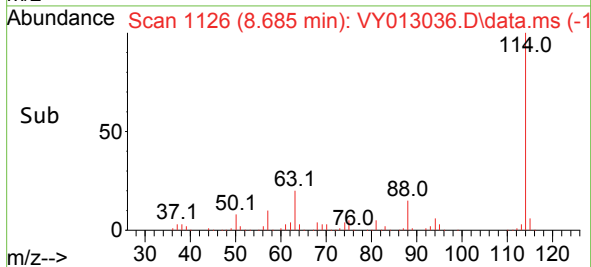
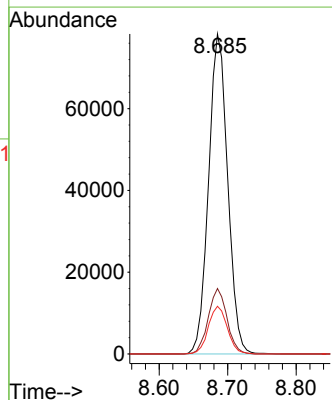
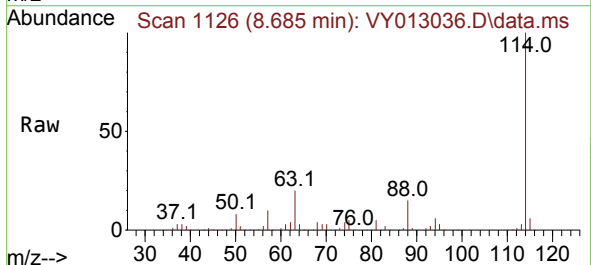
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

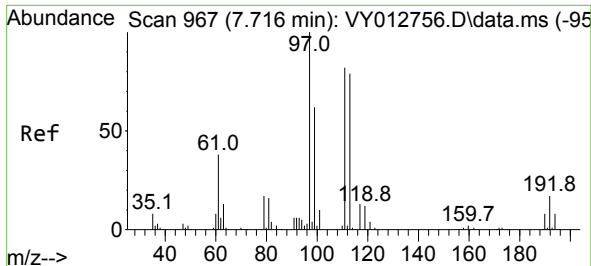
Tgt Ion: 65 Resp: 52189
Ion Ratio Lower Upper
65 100
67 54.3 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY013036.D
Acq: 21 Mar 2023 18:42

Tgt Ion: 114 Resp: 151839
Ion Ratio Lower Upper
114 100
63 20.4 0.0 37.4
88 14.9 0.0 28.6

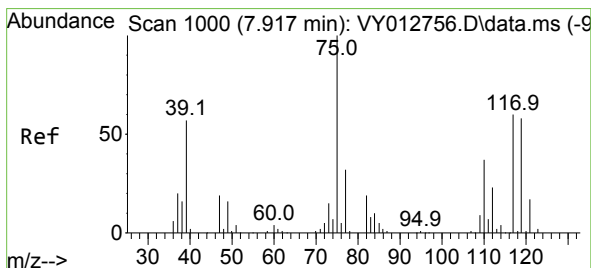
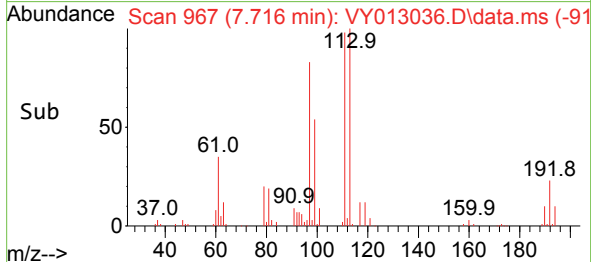
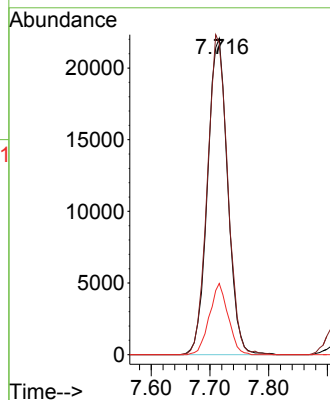
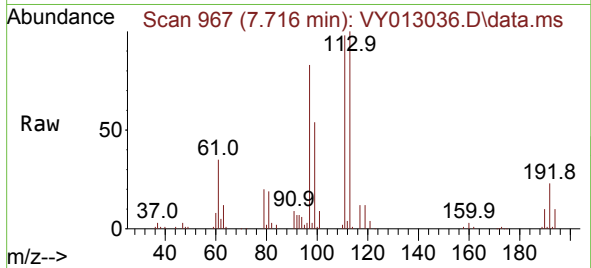




#35
Dibromofluoromethane
Concen: 57.335 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY013036.D
Acq: 21 Mar 2023 18:42

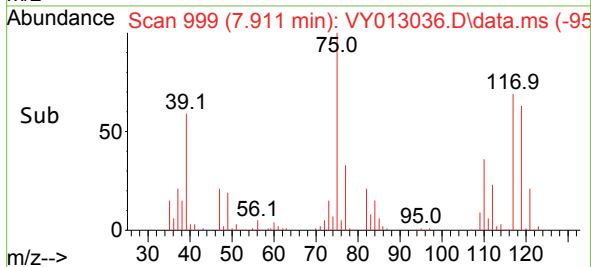
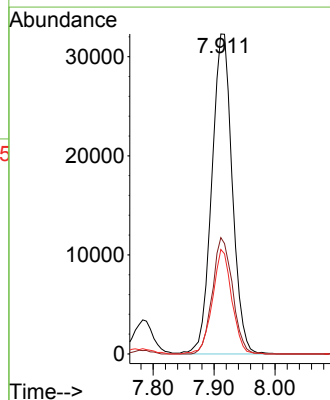
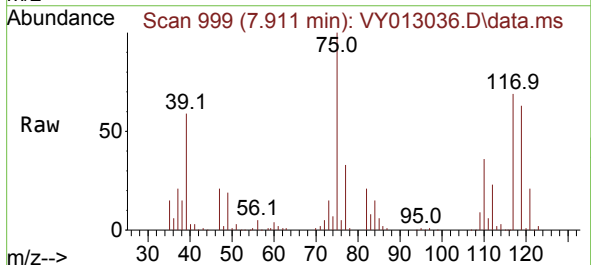
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

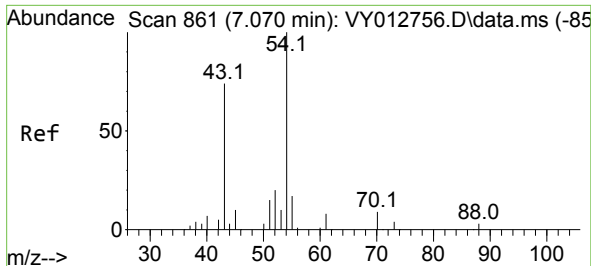
Tgt Ion:113 Resp: 52539
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.2
192 20.9 16.8 25.2



#36
1,1-Dichloropropene
Concen: 49.038 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY013036.D
Acq: 21 Mar 2023 18:42

Tgt Ion: 75 Resp: 75303
Ion Ratio Lower Upper
75 100
110 35.7 17.8 53.3
77 30.9 25.0 37.4

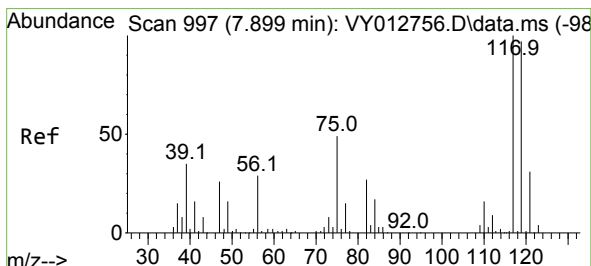
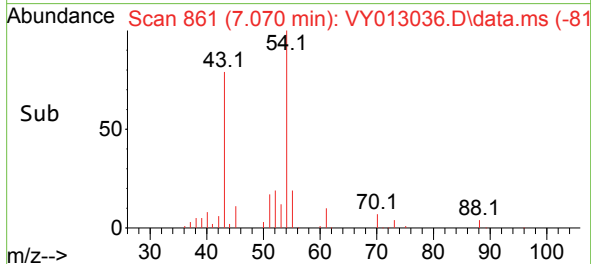
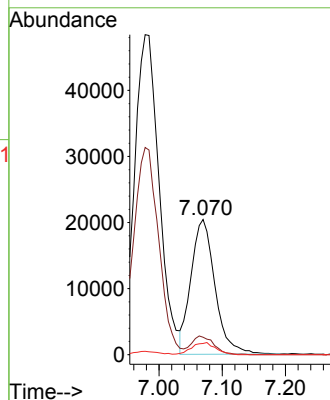
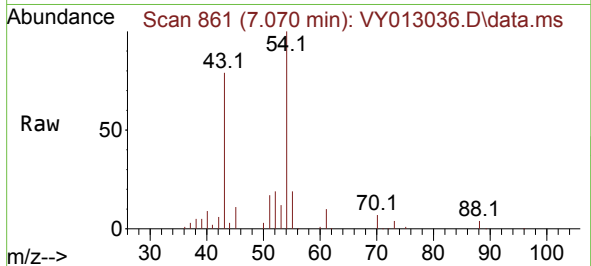




#37
Ethyl Acetate
Concen: 55.590 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY013036.D
Acq: 21 Mar 2023 18:42

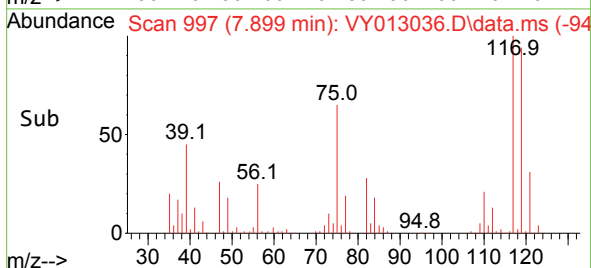
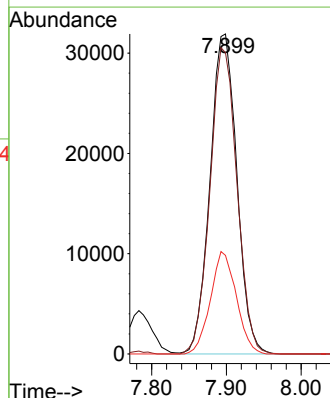
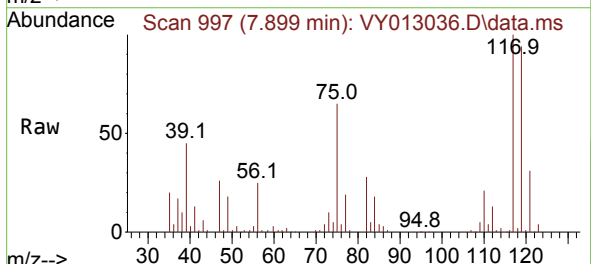
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

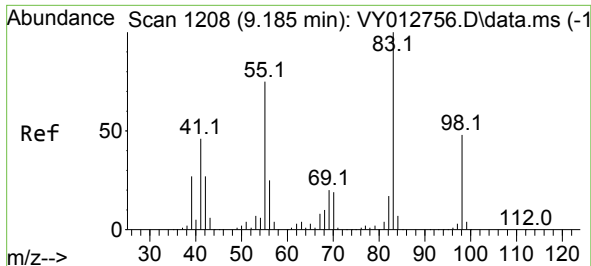
Tgt Ion:	43	Resp:	53803
Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.7	16.1
70	9.0	7.8	11.8



#38
Carbon Tetrachloride
Concen: 50.309 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY013036.D
Acq: 21 Mar 2023 18:42

Tgt Ion:	117	Resp:	79777
Ion	Ratio	Lower	Upper
117	100		
119	94.1	77.2	115.8
121	30.8	24.7	37.1

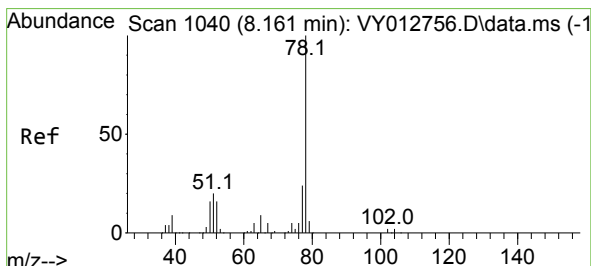
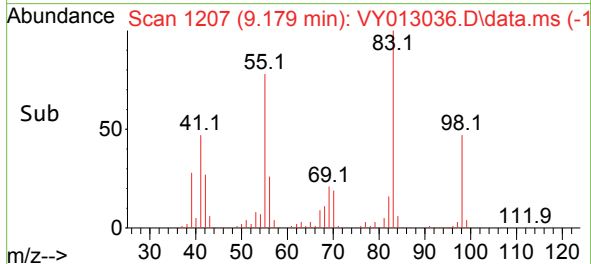
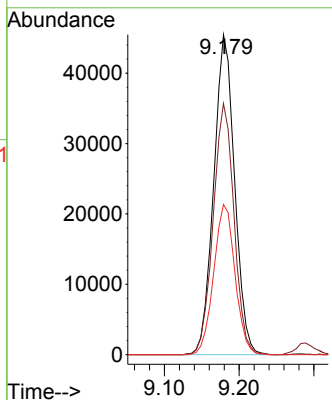
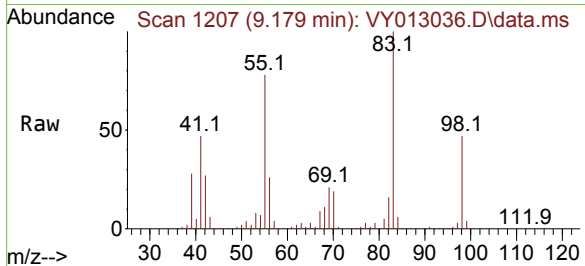




#39
Methylcyclohexane
Concen: 48.394 ug/l
RT: 9.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013036.D
Acq: 21 Mar 2023 18:42

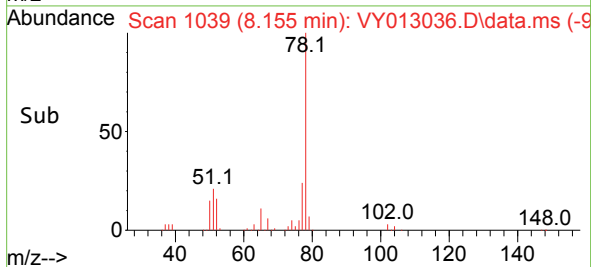
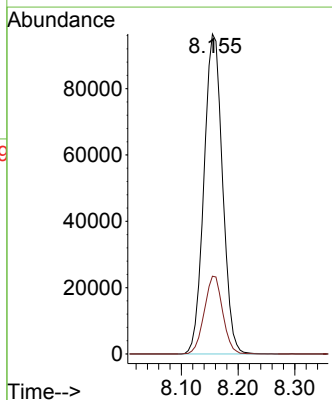
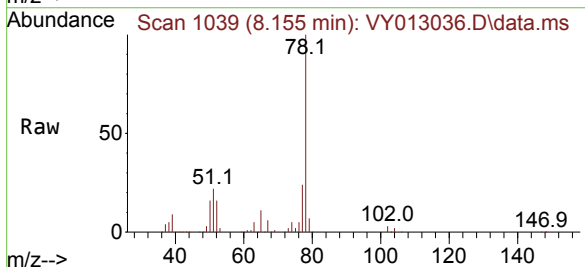
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

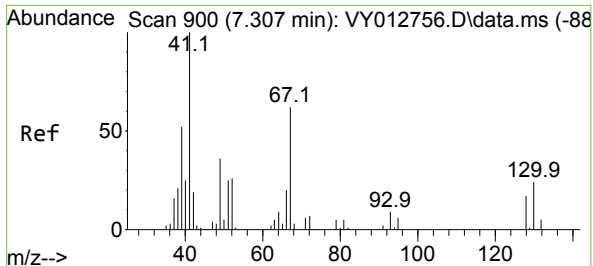
Tgt Ion: 83 Resp: 88350
Ion Ratio Lower Upper
83 100
55 78.5 60.0 90.0
98 47.0 38.3 57.5



#40
Benzene
Concen: 50.452 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY013036.D
Acq: 21 Mar 2023 18:42

Tgt Ion: 78 Resp: 219151
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.0

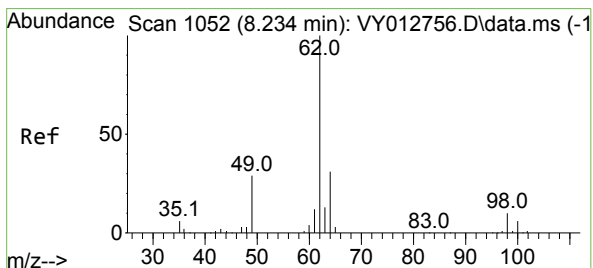
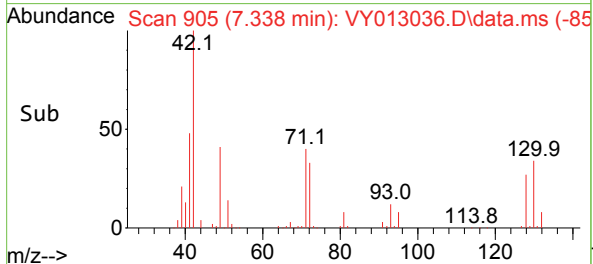
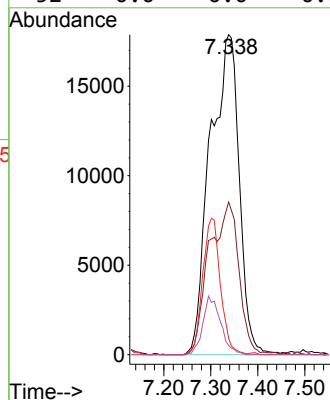
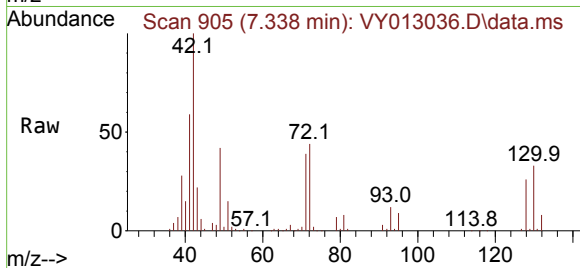




#41
Methacrylonitrile
Concen: 146.911 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.031 min
Lab File: VY013036.D
Acq: 21 Mar 2023 18:42

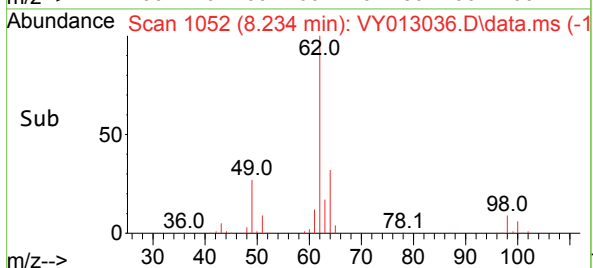
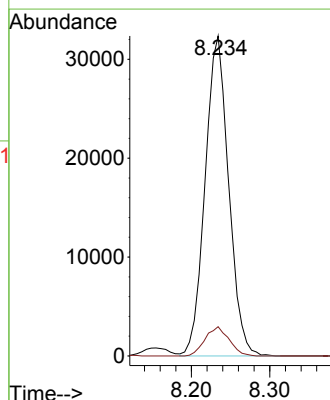
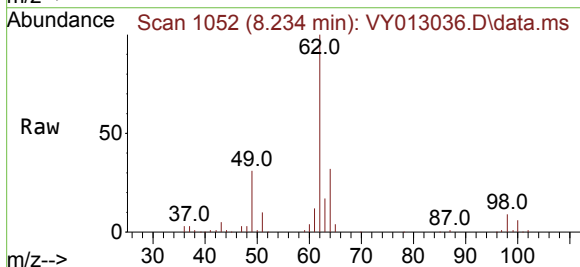
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

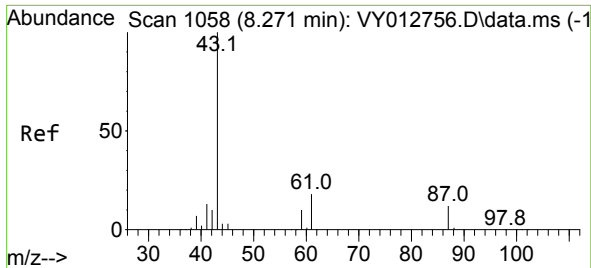
Tgt Ion:	41	Resp:	76608
Ion	Ratio	Lower	Upper
41	100		
39	48.9	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 51.768 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013036.D
Acq: 21 Mar 2023 18:42

Tgt Ion:	62	Resp:	67606
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.8

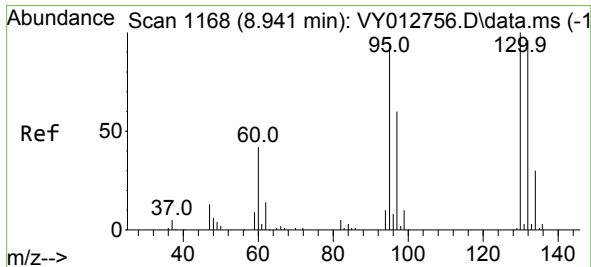
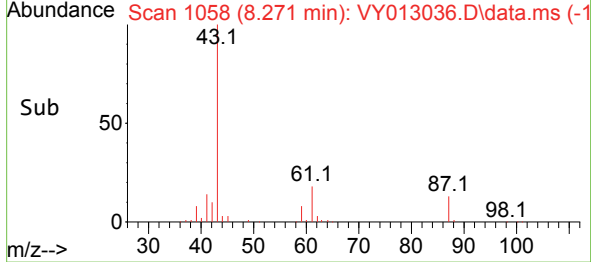
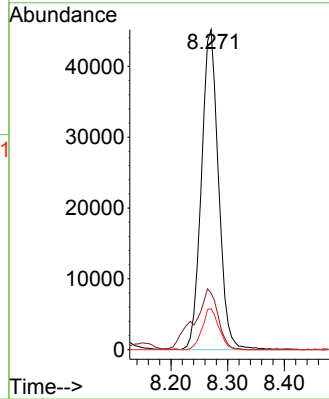
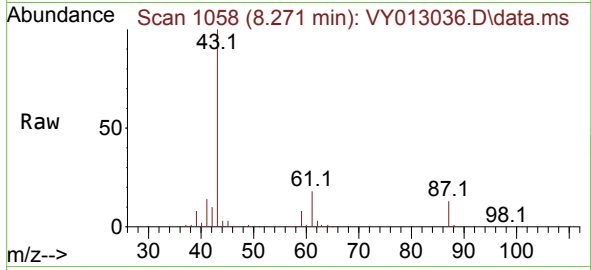




#43
Isopropyl Acetate
Concen: 54.785 ug/l
RT: 8.271 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VY013036.D
Acq: 21 Mar 2023 18:42

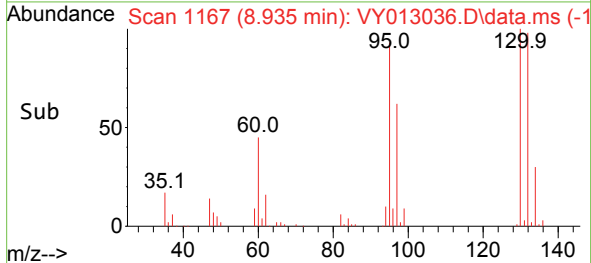
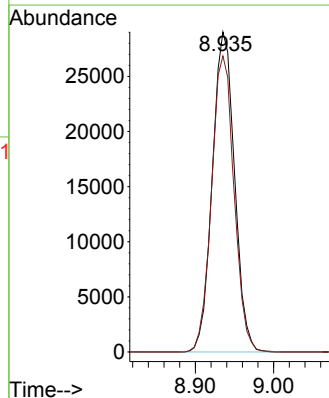
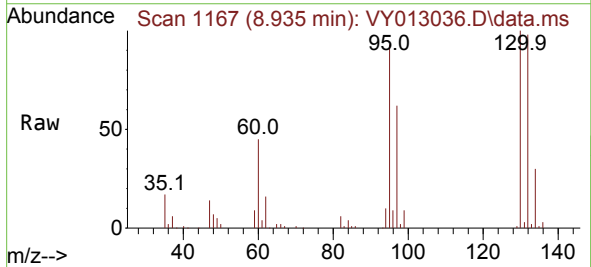
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

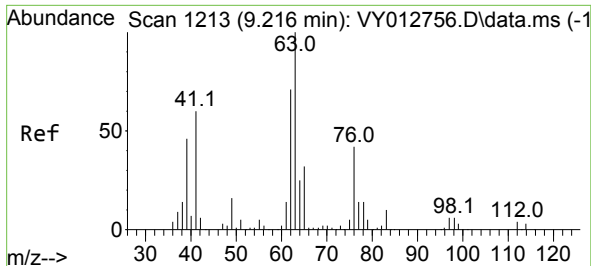
Tgt Ion:	43	Resp:	94602
Ion	Ratio	Lower	Upper
43	100		
61	26.5	21.6	32.4
87	12.6	9.9	14.9



#44
Trichloroethene
Concen: 49.890 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY013036.D
Acq: 21 Mar 2023 18:42

Tgt Ion:	130	Resp:	57136
Ion	Ratio	Lower	Upper
130	100		
95	92.5	0.0	185.0

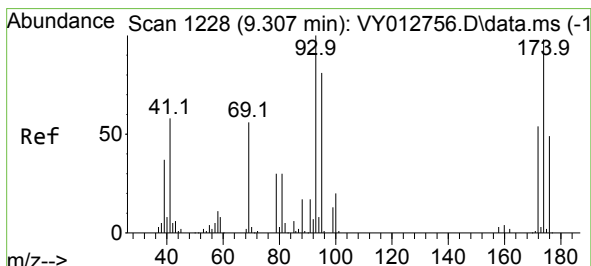
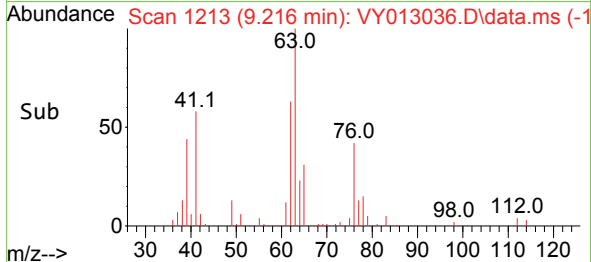
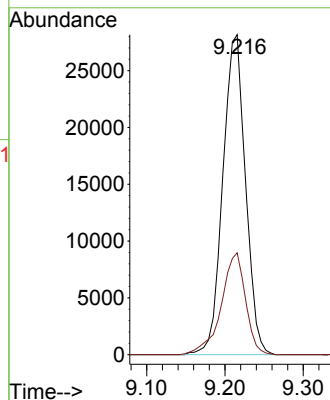
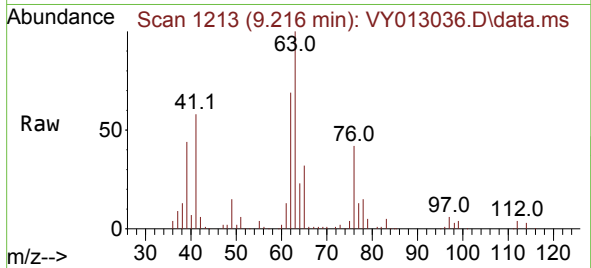




#45
1,2-Dichloropropane
Concen: 51.566 ug/l
RT: 9.216 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013036.D
Acq: 21 Mar 2023 18:42

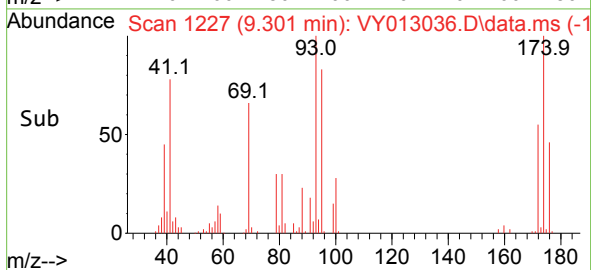
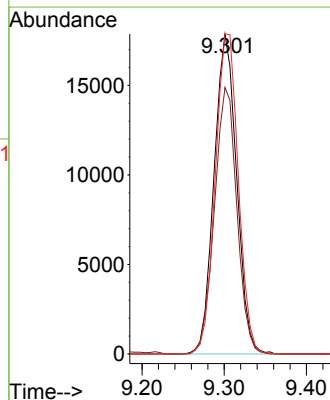
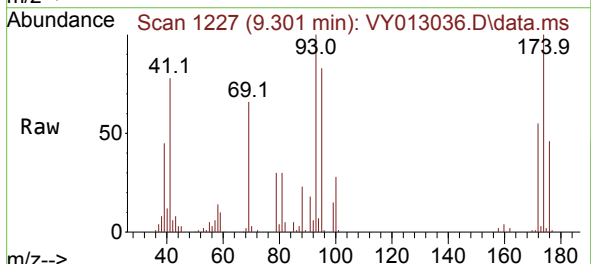
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

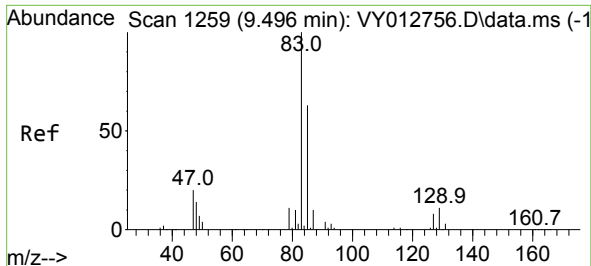
Tgt Ion: 63 Resp: 56608
Ion Ratio Lower Upper
63 100
65 31.9 25.7 38.5



#46
Dibromomethane
Concen: 54.391 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY013036.D
Acq: 21 Mar 2023 18:42

Tgt Ion: 93 Resp: 34017
Ion Ratio Lower Upper
93 100
95 83.1 65.6 98.4
174 102.0 81.3 121.9

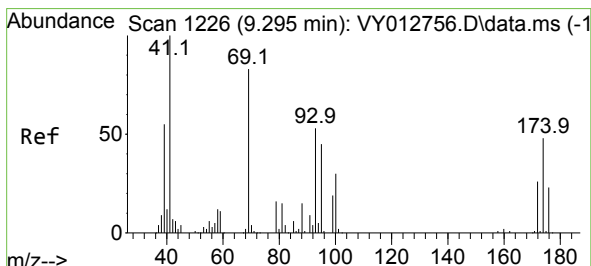
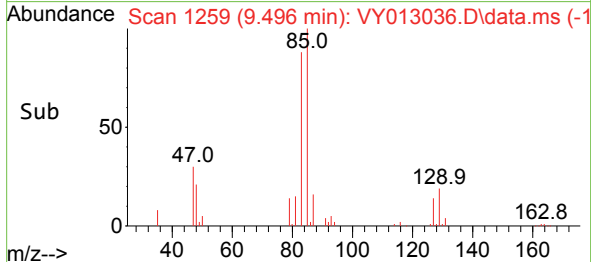
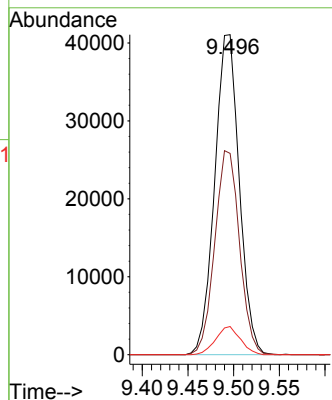
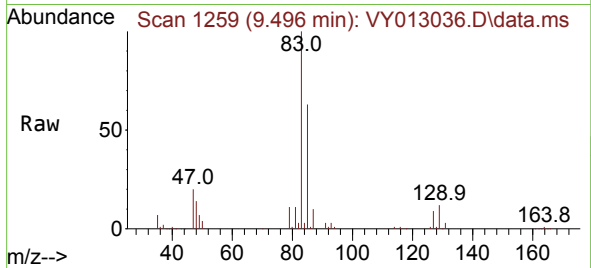




#47
Bromodichloromethane
Concen: 52.160 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY013036.D
Acq: 21 Mar 2023 18:42

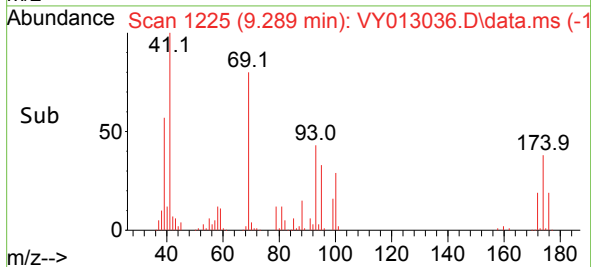
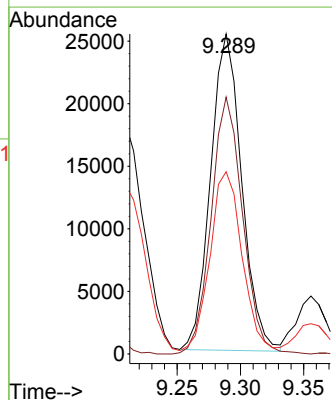
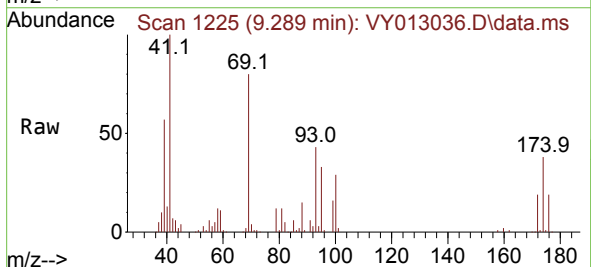
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

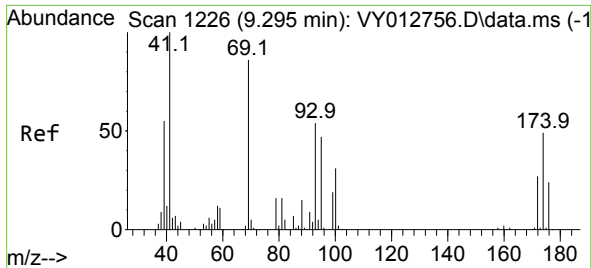
Tgt Ion: 83 Resp: 76873
Ion Ratio Lower Upper
83 100
85 62.9 50.2 75.4
127 8.8 6.3 9.5



#48
Methyl methacrylate
Concen: 54.500 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY013036.D
Acq: 21 Mar 2023 18:42

Tgt Ion: 41 Resp: 43363
Ion Ratio Lower Upper
41 100
69 81.9 64.1 96.1
39 57.8 44.0 66.0

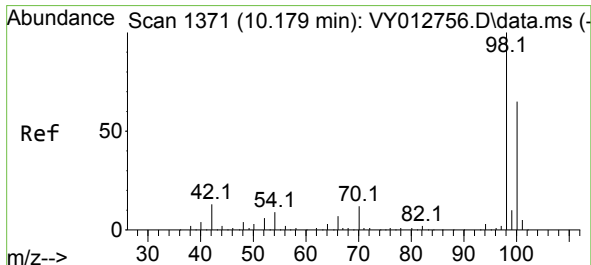
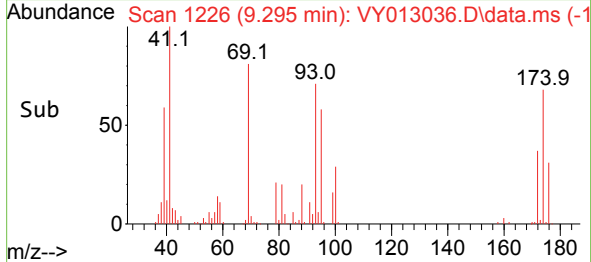
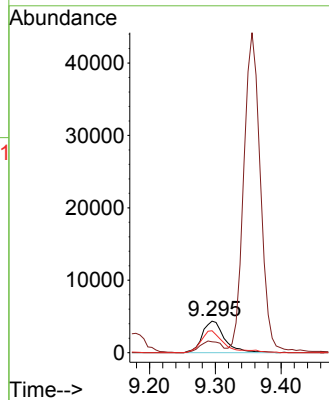
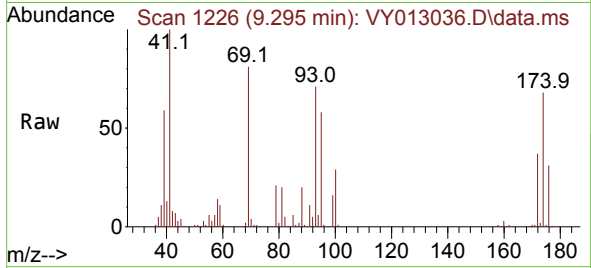




#49
1,4-Dioxane
Concen: 1280.642 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY013036.D
Acq: 21 Mar 2023 18:42

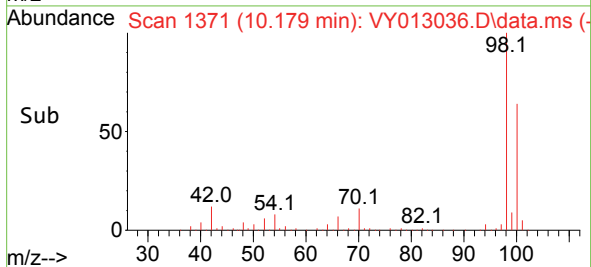
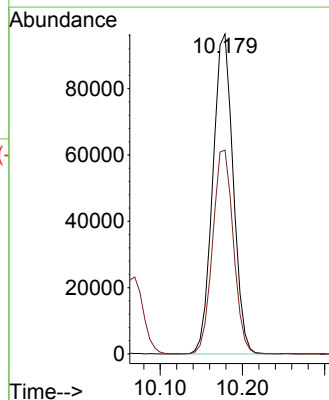
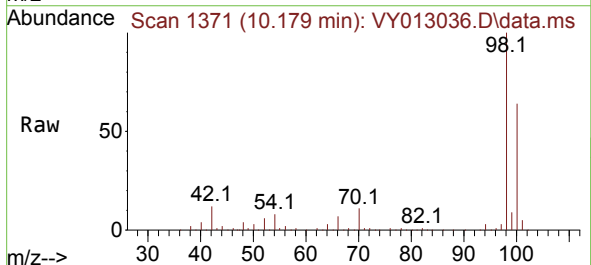
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

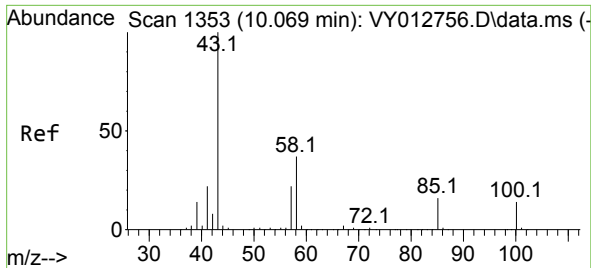
Tgt Ion: 88 Resp: 10354
Ion Ratio Lower Upper
88 100
43 33.7 28.6 42.8
58 72.3 55.2 82.8



#50
Toluene-d8
Concen: 49.628 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY013036.D
Acq: 21 Mar 2023 18:42

Tgt Ion: 98 Resp: 166252
Ion Ratio Lower Upper
98 100
100 64.9 50.9 76.3

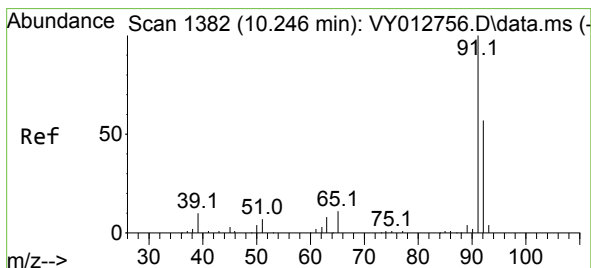
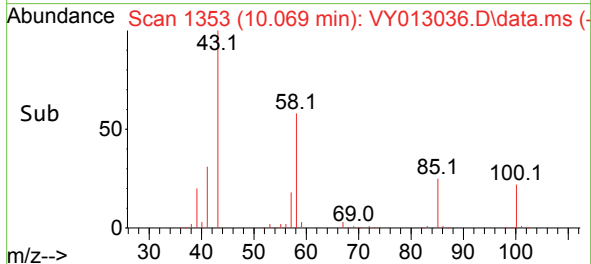
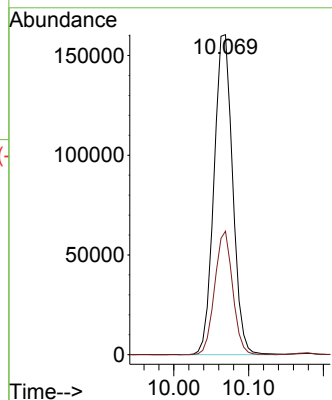
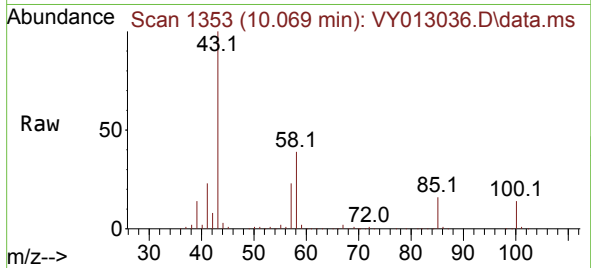




#51
4-Methyl-2-Pentanone
Concen: 297.631 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013036.D
Acq: 21 Mar 2023 18:42

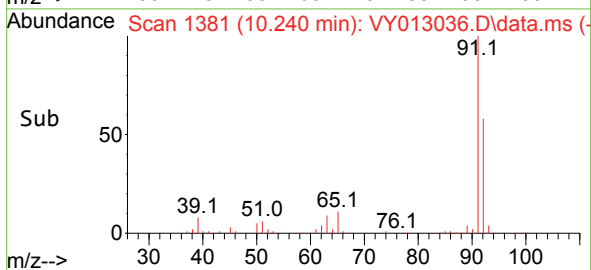
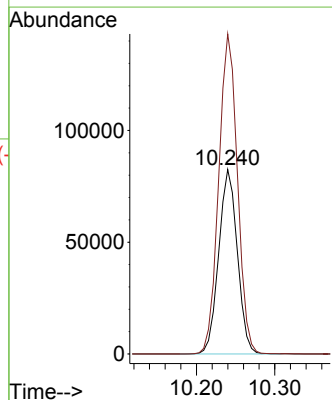
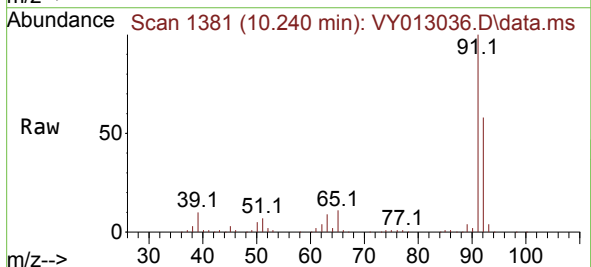
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

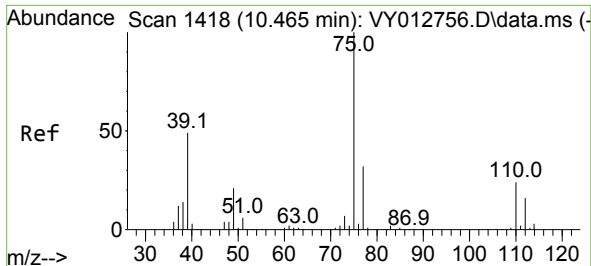
Tgt Ion: 43 Resp: 278782
Ion Ratio Lower Upper
43 100
58 37.1 29.8 44.6



#52
Toluene
Concen: 52.139 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY013036.D
Acq: 21 Mar 2023 18:42

Tgt Ion: 92 Resp: 136586
Ion Ratio Lower Upper
92 100
91 174.6 141.3 211.9





#53

t-1,3-Dichloropropene

Concen: 52.821 ug/l

RT: 10.459 min Scan# 1418

Delta R.T. -0.006 min

Lab File: VY013036.D

Acq: 21 Mar 2023 18:42

Instrument :

MSVOA_Y

ClientSampleId :

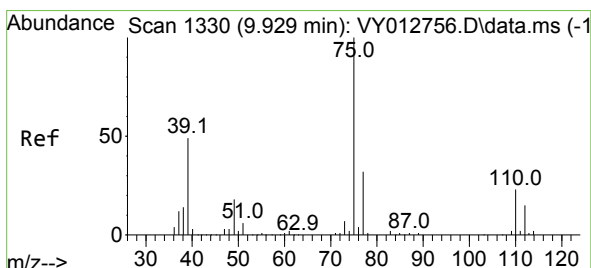
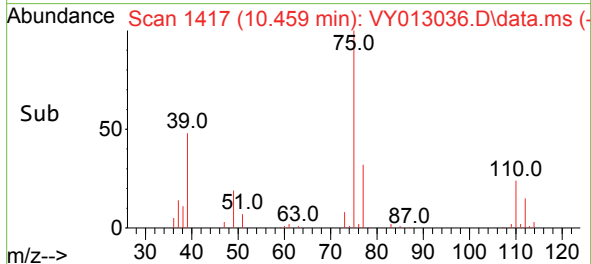
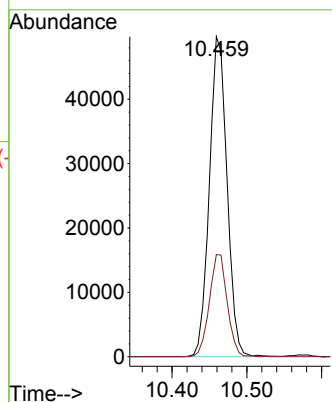
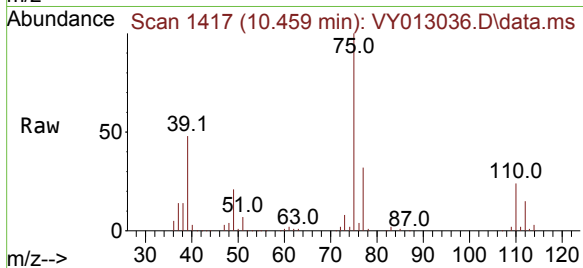
VSTDCCC050EC

Tgt Ion: 75 Resp: 81655

Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 51.279 ug/l

RT: 9.923 min Scan# 1329

Delta R.T. -0.006 min

Lab File: VY013036.D

Acq: 21 Mar 2023 18:42

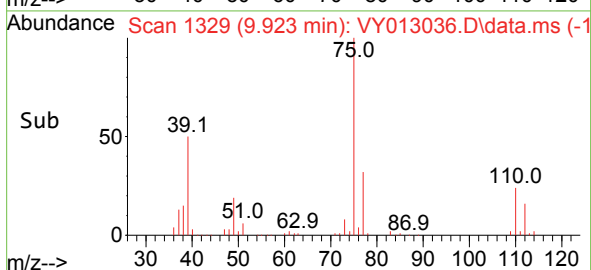
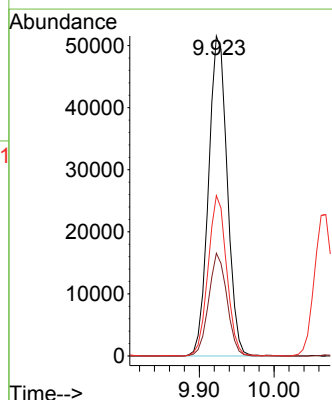
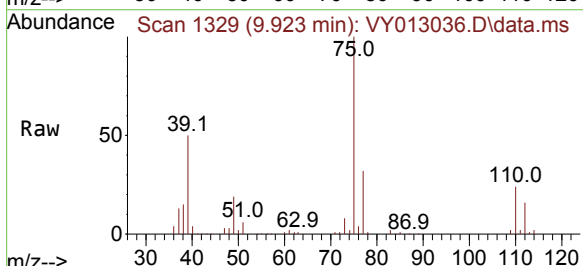
Tgt Ion: 75 Resp: 89725

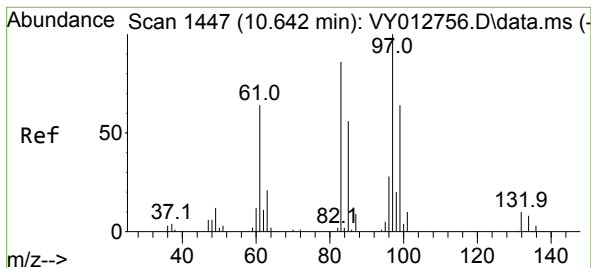
Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.0

39 50.1 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 53.627 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY013036.D

Acq: 21 Mar 2023 18:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 46708

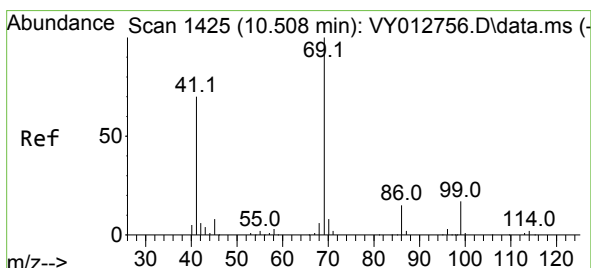
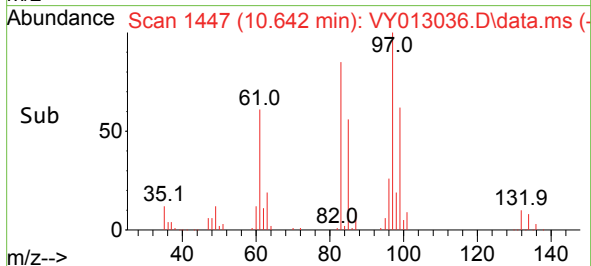
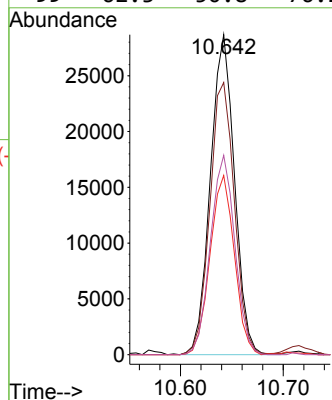
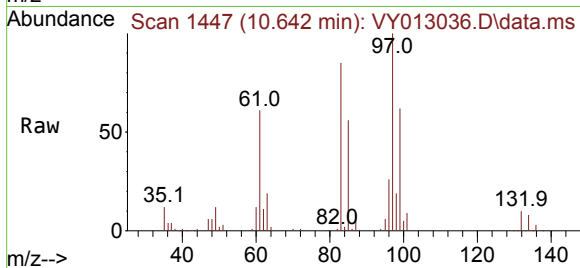
Ion Ratio Lower Upper

97 100

83 85.1 69.0 103.6

85 56.0 44.9 67.3

99 62.3 50.8 76.2



#56

Ethyl methacrylate

Concen: 56.070 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY013036.D

Acq: 21 Mar 2023 18:42

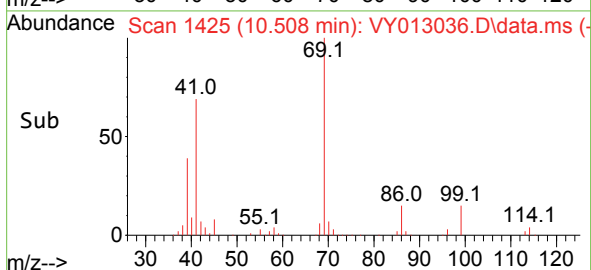
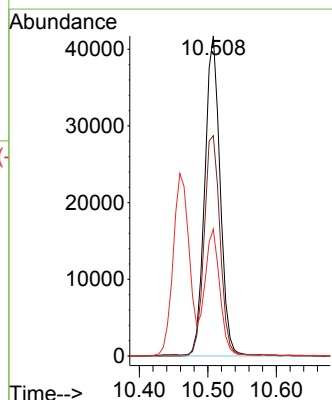
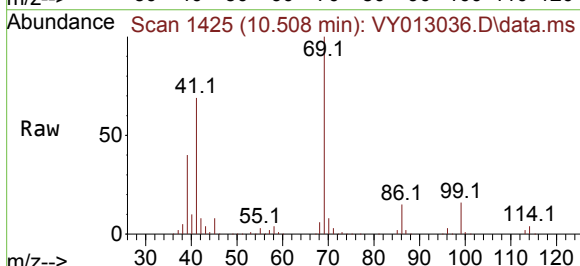
Tgt Ion: 69 Resp: 65117

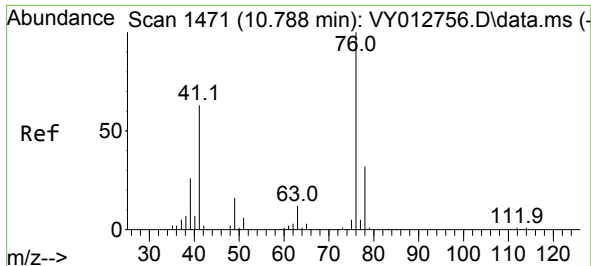
Ion Ratio Lower Upper

69 100

41 70.2 56.4 84.6

39 38.7 30.8 46.2





#57

1,3-Dichloropropane

Concen: 53.855 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013036.D

Acq: 21 Mar 2023 18:42

Instrument :

MSVOA_Y

ClientSampleId :

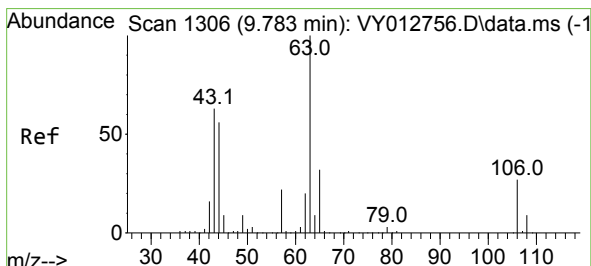
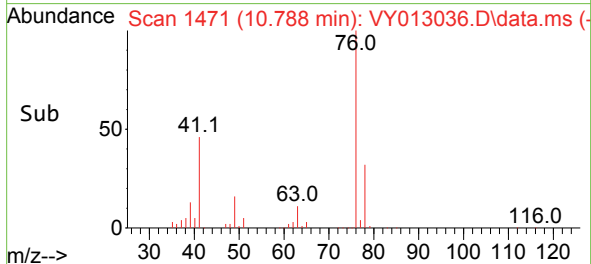
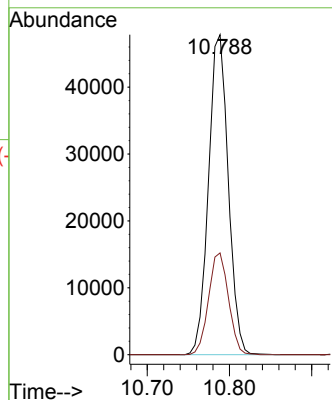
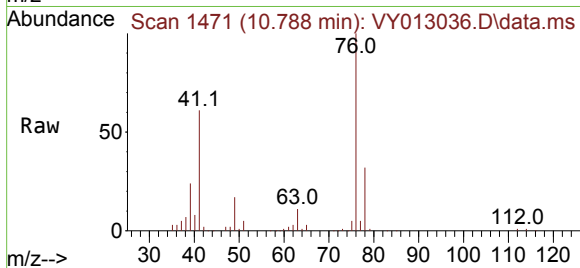
VSTDCCC050EC

Tgt Ion: 76 Resp: 79893

Ion Ratio Lower Upper

76 100

78 32.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 293.570 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY013036.D

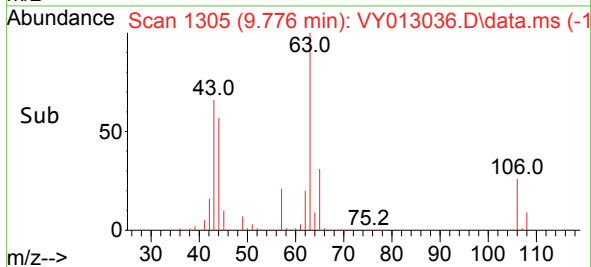
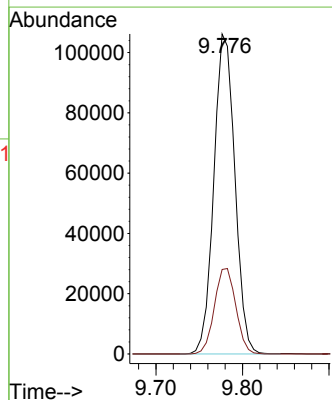
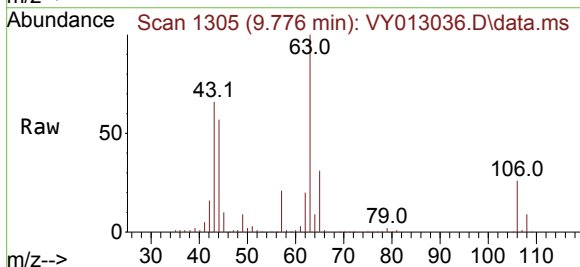
Acq: 21 Mar 2023 18:42

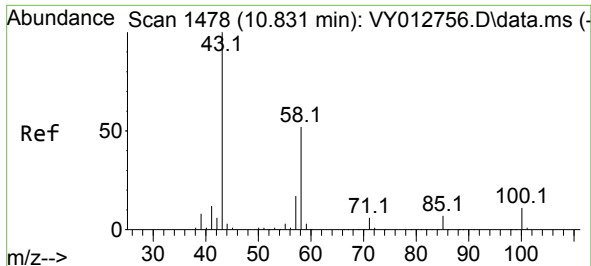
Tgt Ion: 63 Resp: 178979

Ion Ratio Lower Upper

63 100

106 27.2 22.1 33.1

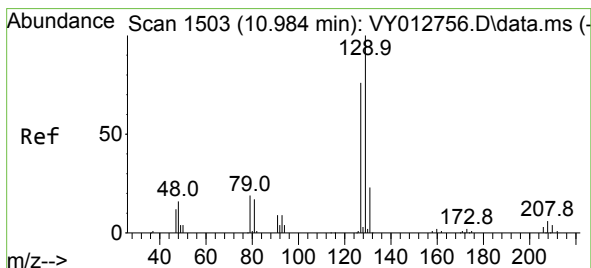
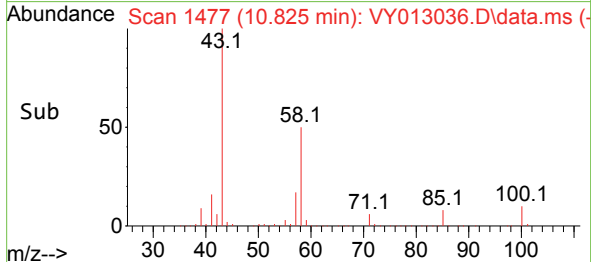
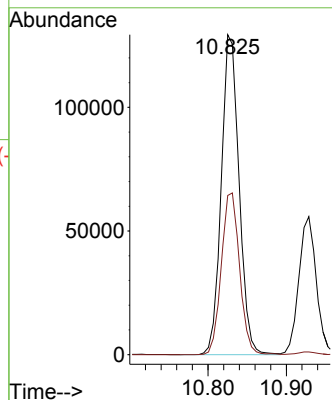
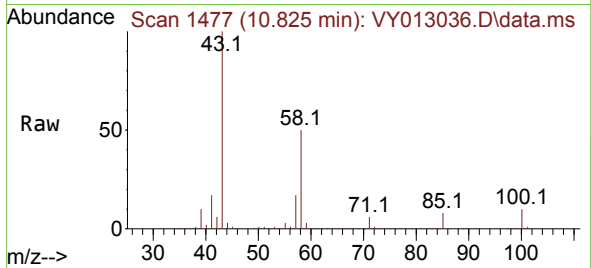




#59
2-Hexanone
Concen: 300.394 ug/l
RT: 10.825 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VY013036.D
Acq: 21 Mar 2023 18:42

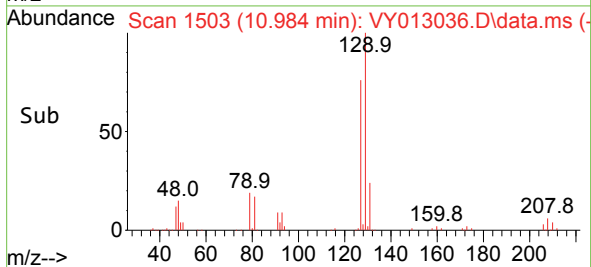
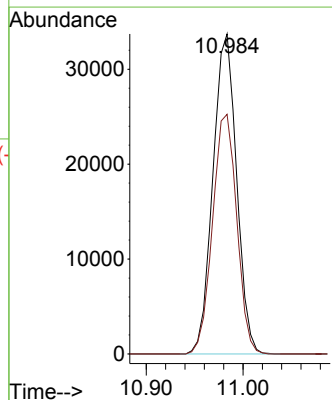
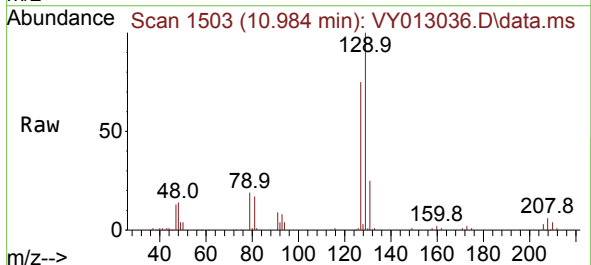
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

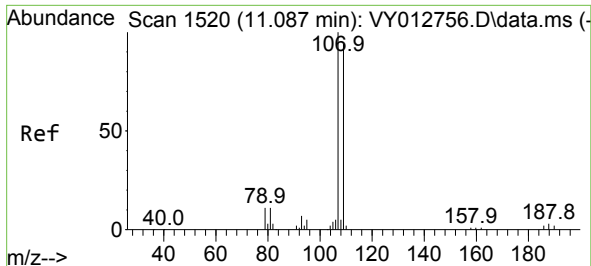
Tgt Ion: 43 Resp: 204495
Ion Ratio Lower Upper
43 100
58 51.9 25.9 77.8



#60
Dibromochloromethane
Concen: 54.030 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013036.D
Acq: 21 Mar 2023 18:42

Tgt Ion: 129 Resp: 57284
Ion Ratio Lower Upper
129 100
127 76.6 38.7 116.1

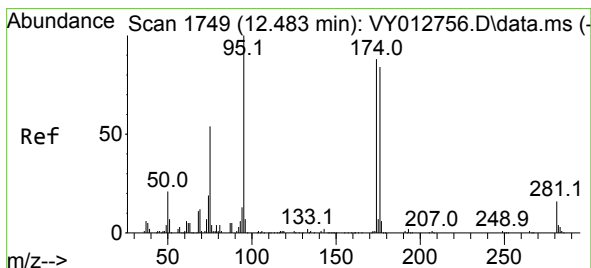
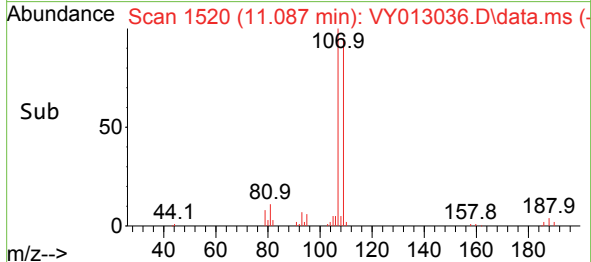
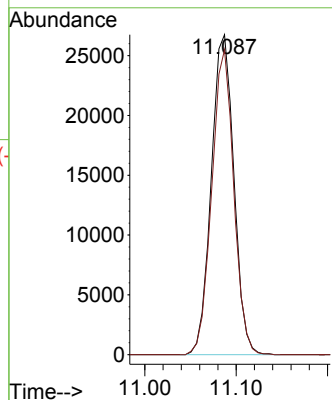
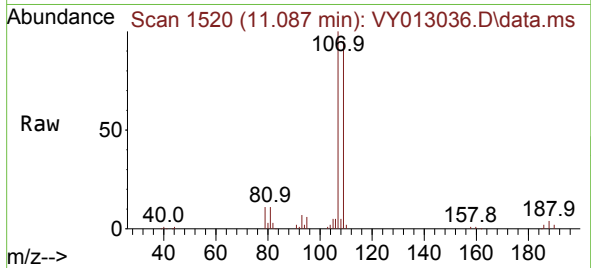




#61
1,2-Dibromoethane
Concen: 54.641 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013036.D
Acq: 21 Mar 2023 18:42

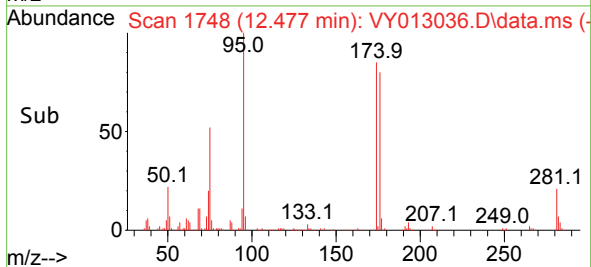
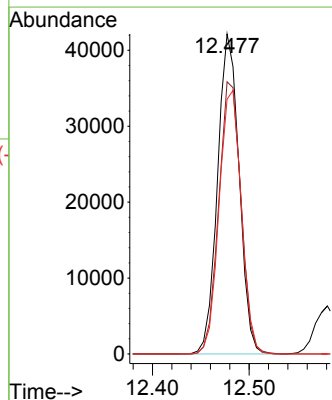
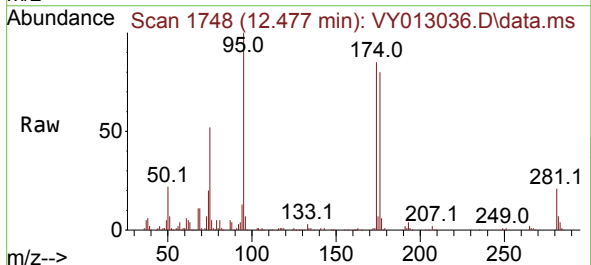
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

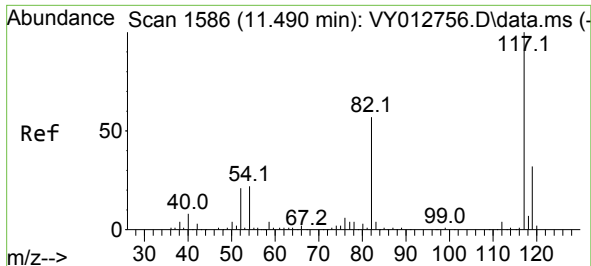
Tgt Ion:107 Resp: 45844
Ion Ratio Lower Upper
107 100
109 92.8 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 57.614 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013036.D
Acq: 21 Mar 2023 18:42

Tgt Ion: 95 Resp: 65144
Ion Ratio Lower Upper
95 100
174 87.9 0.0 176.6
176 85.0 0.0 170.2

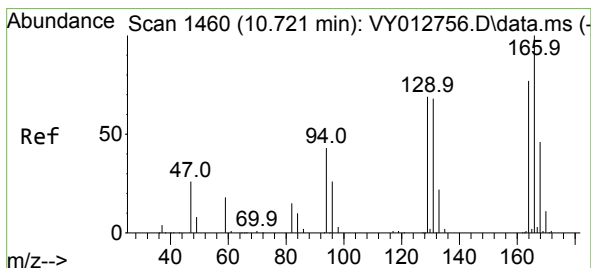
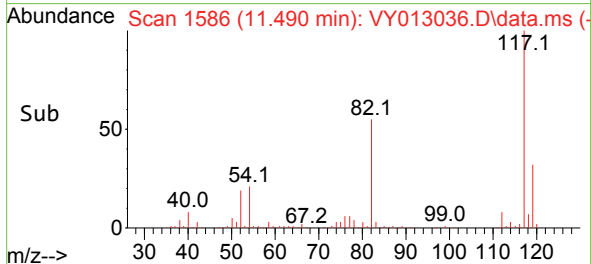
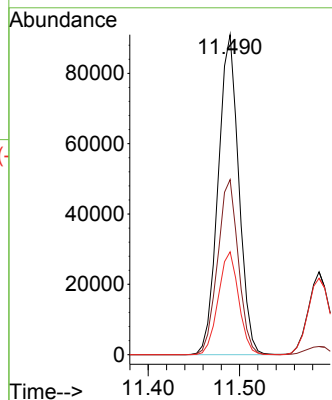
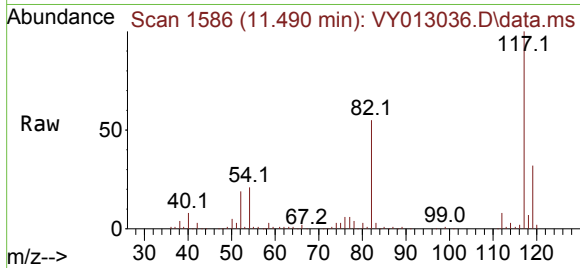




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013036.D
Acq: 21 Mar 2023 18:42

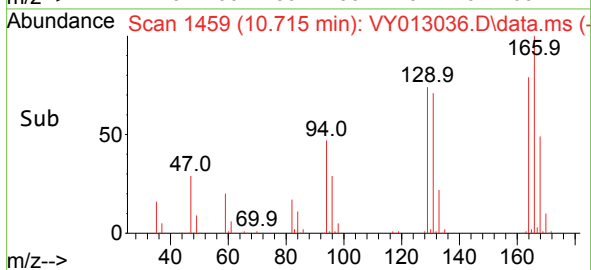
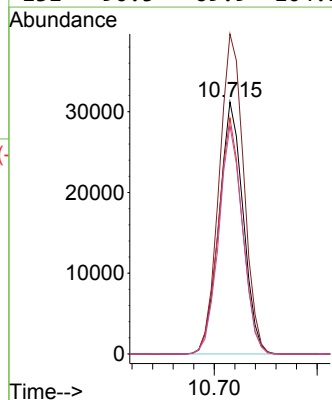
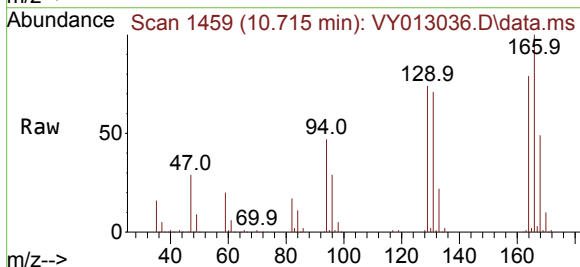
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

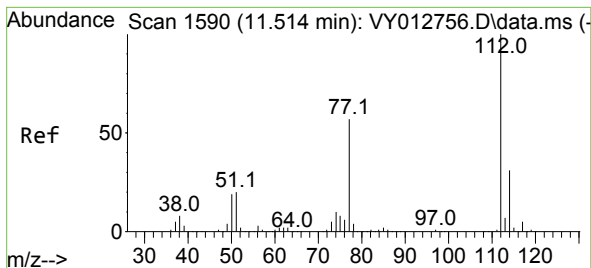
Tgt Ion:117 Resp: 142648
Ion Ratio Lower Upper
117 100
82 54.7 45.4 68.0
119 32.2 25.6 38.4



#64
Tetrachloroethene
Concen: 49.036 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY013036.D
Acq: 21 Mar 2023 18:42

Tgt Ion:164 Resp: 50928
Ion Ratio Lower Upper
164 100
166 127.0 103.4 155.2
129 93.6 71.4 107.2
131 90.5 69.9 104.9





#65

Chlorobenzene

Concen: 48.791 ug/l

RT: 11.514 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013036.D

Acq: 21 Mar 2023 18:42

Instrument :

MSVOA_Y

ClientSampleId :

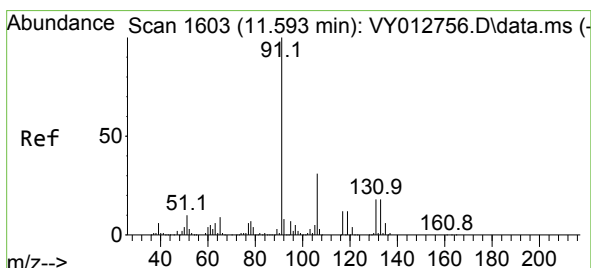
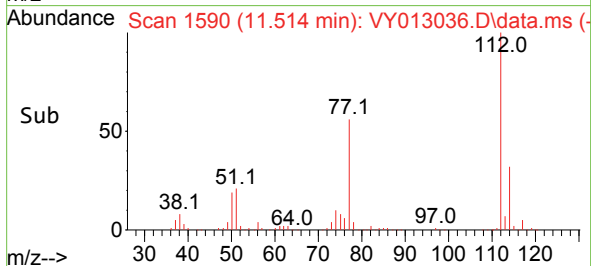
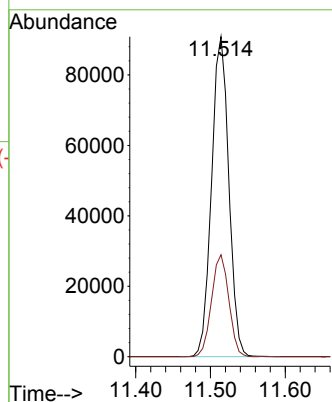
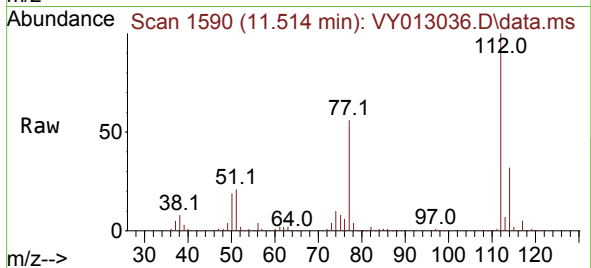
VSTDCCC050EC

Tgt Ion:112 Resp: 146071

Ion Ratio Lower Upper

112 100

114 31.8 24.5 36.7



#66

1,1,1,2-Tetrachloroethane

Concen: 49.535 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY013036.D

Acq: 21 Mar 2023 18:42

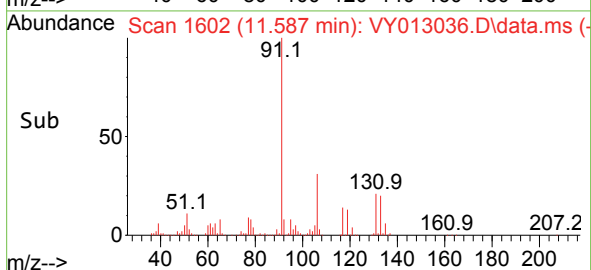
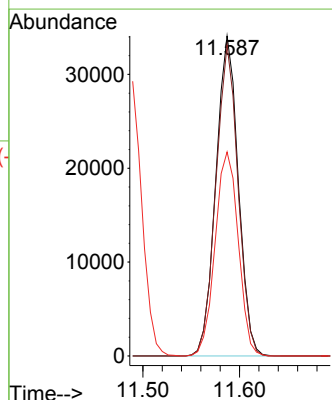
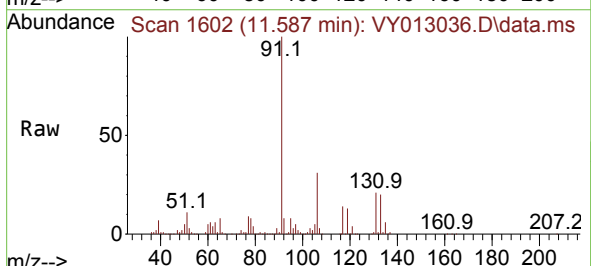
Tgt Ion:131 Resp: 54876

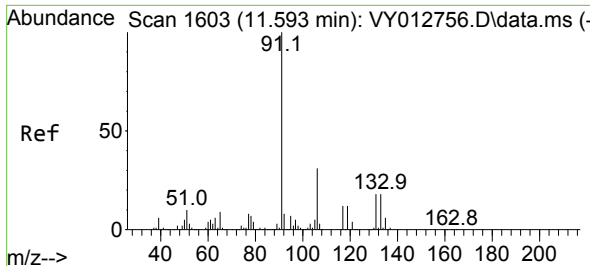
Ion Ratio Lower Upper

131 100

133 96.0 48.0 144.0

119 65.8 32.6 98.0

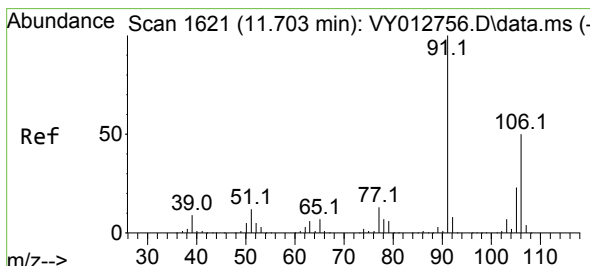
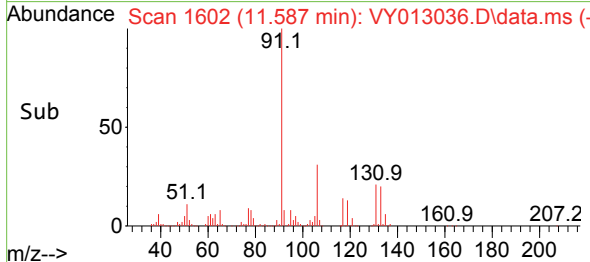
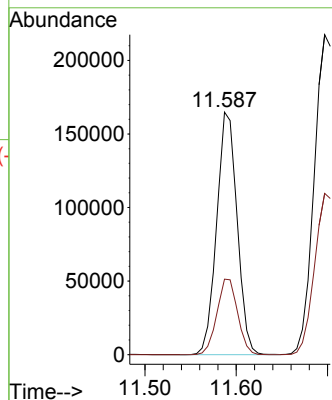
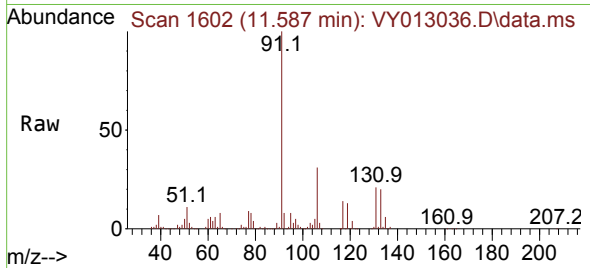




#67
Ethyl Benzene
Concen: 48.747 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY013036.D
Acq: 21 Mar 2023 18:42

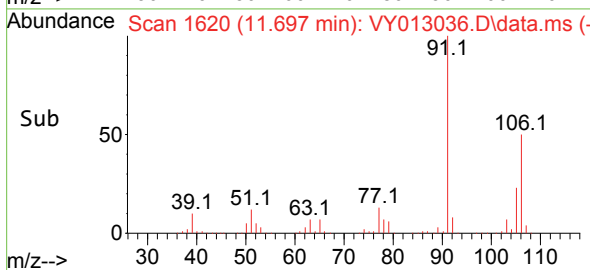
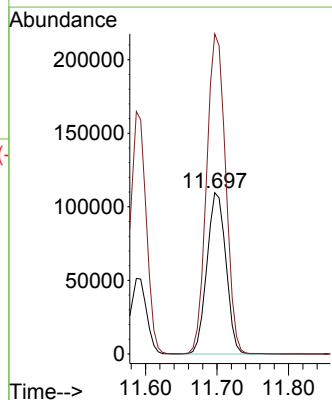
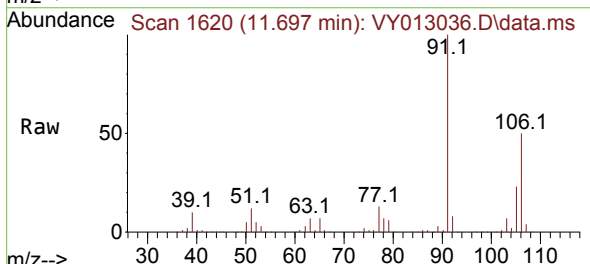
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

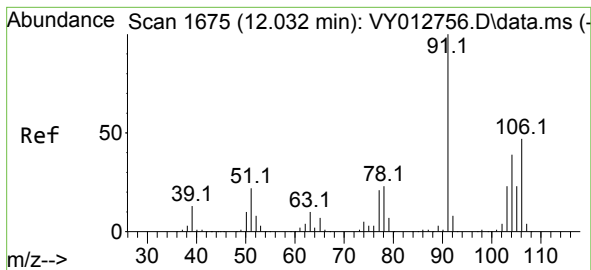
Tgt Ion: 91 Resp: 256585
Ion Ratio Lower Upper
91 100
106 31.1 25.1 37.7



#68
m/p-Xylenes
Concen: 99.852 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY013036.D
Acq: 21 Mar 2023 18:42

Tgt Ion:106 Resp: 202191
Ion Ratio Lower Upper
106 100
91 199.1 159.8 239.8

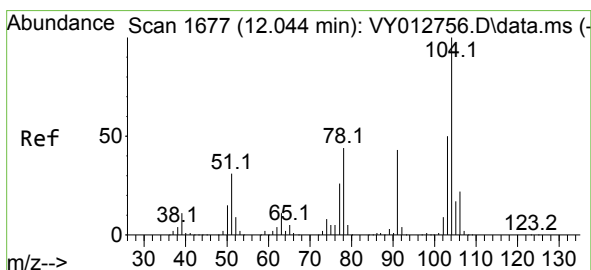
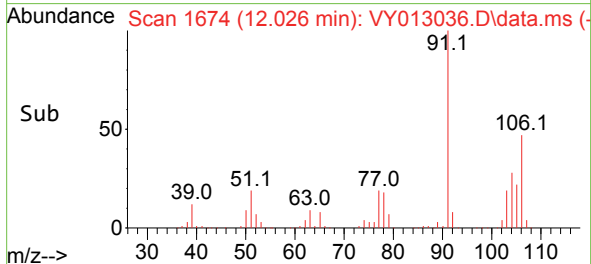
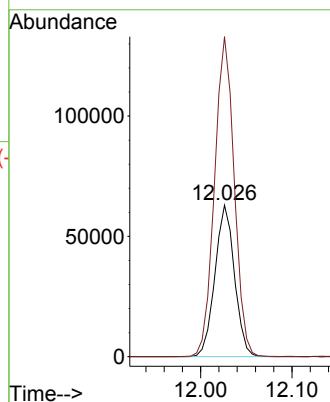
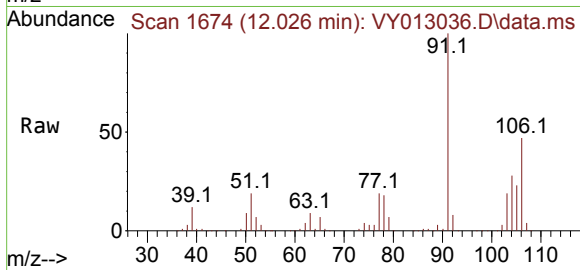




#69
o-Xylene
Concen: 49.502 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY013036.D
Acq: 21 Mar 2023 18:42

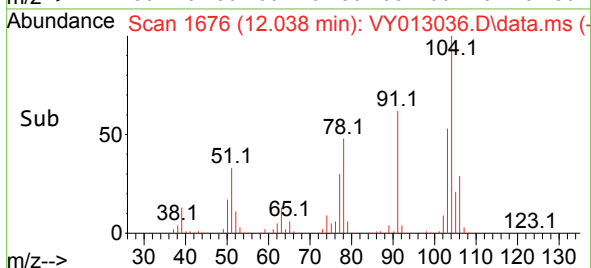
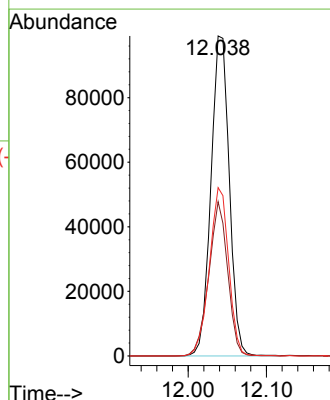
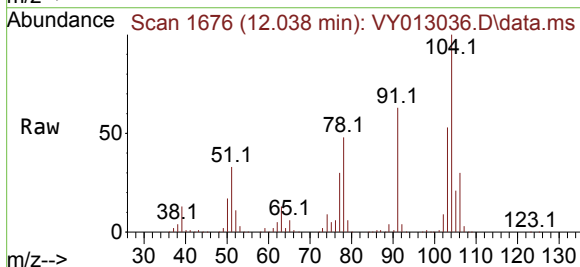
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

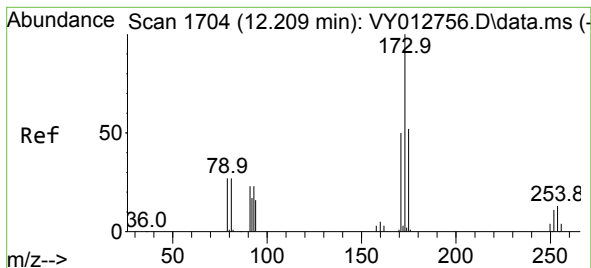
Tgt Ion:106 Resp: 93550
Ion Ratio Lower Upper
106 100
91 213.3 107.2 321.6



#70
Styrene
Concen: 51.190 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY013036.D
Acq: 21 Mar 2023 18:42

Tgt Ion:104 Resp: 161437
Ion Ratio Lower Upper
104 100
78 49.5 39.2 58.8
103 55.4 43.7 65.5





#71

Bromoform

Concen: 52.793 ug/l

RT: 12.203 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013036.D

Acq: 21 Mar 2023 18:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

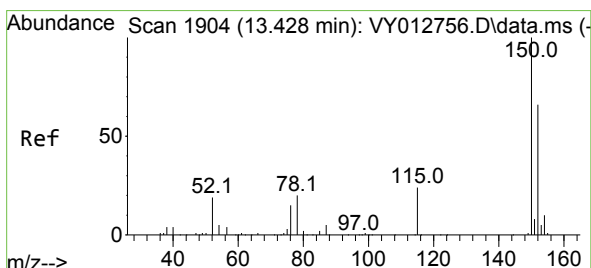
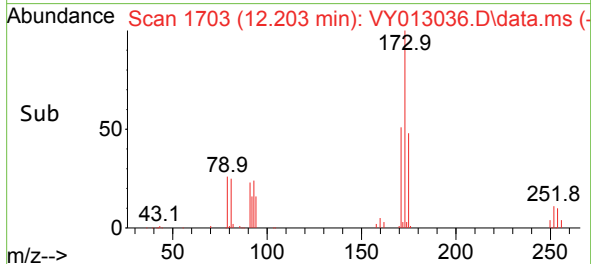
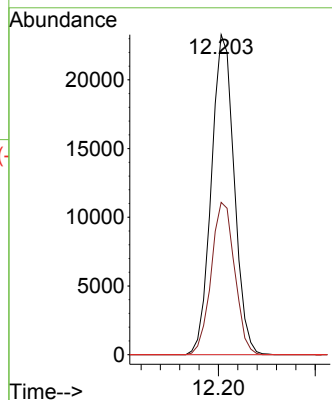
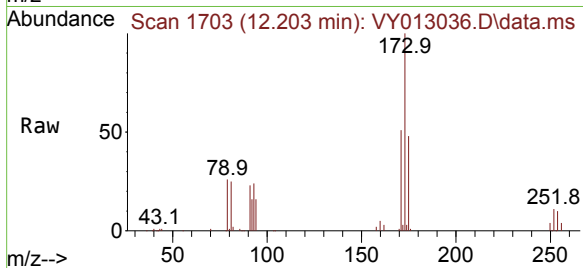
Tgt Ion:173 Resp: 38132

Ion Ratio Lower Upper

173 100

175 48.9 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY013036.D

Acq: 21 Mar 2023 18:42

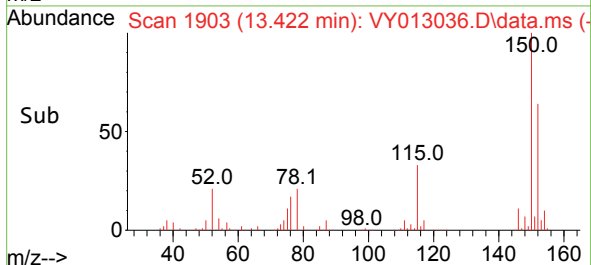
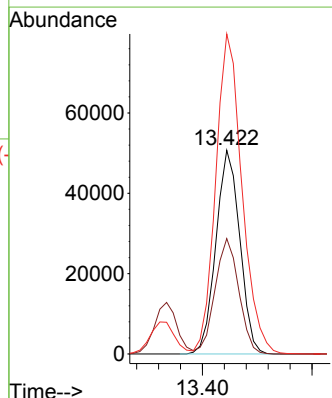
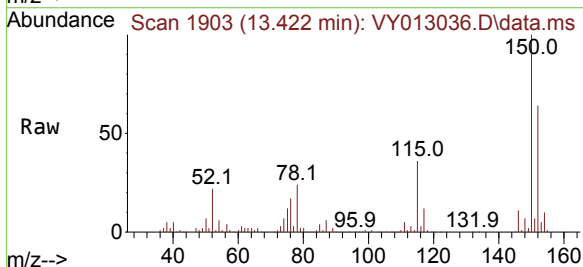
Tgt Ion:152 Resp: 76730

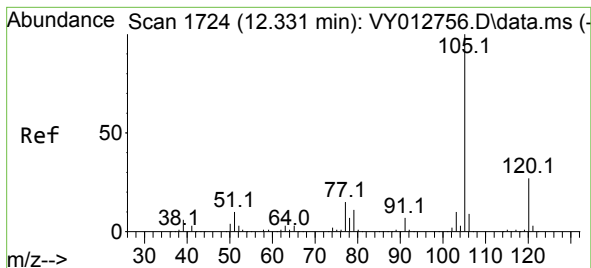
Ion Ratio Lower Upper

152 100

115 56.4 27.1 81.3

150 172.8 0.0 347.8





#73

Isopropylbenzene

Concen: 46.657 ug/l

RT: 12.325 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013036.D

Acq: 21 Mar 2023 18:42

Instrument :

MSVOA_Y

ClientSampleId :

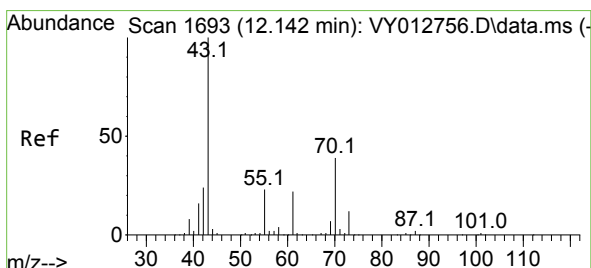
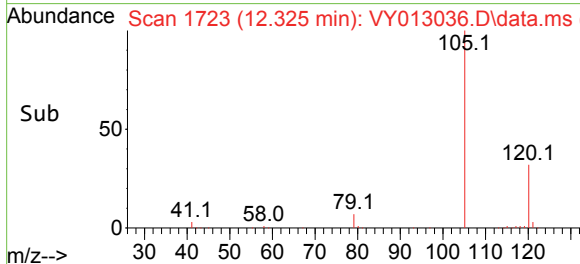
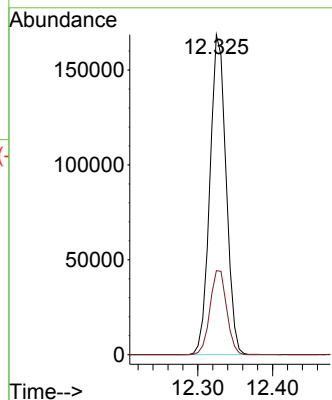
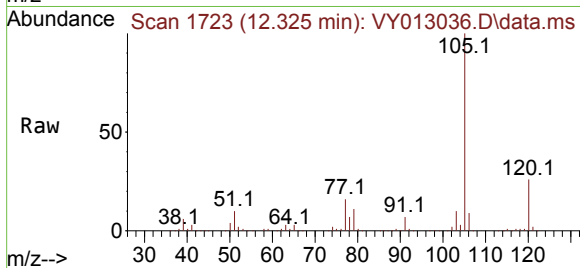
VSTDCCC050EC

Tgt Ion:105 Resp: 253716

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.2



#74

N-ethyl acetate

Concen: 50.156 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY013036.D

Acq: 21 Mar 2023 18:42

Tgt Ion: 43 Resp: 85815

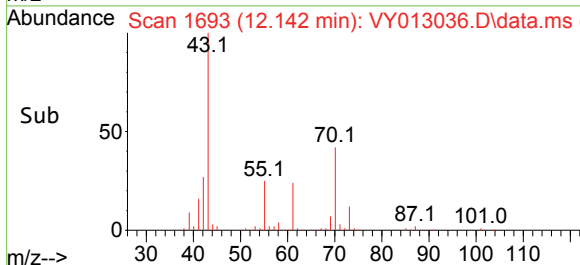
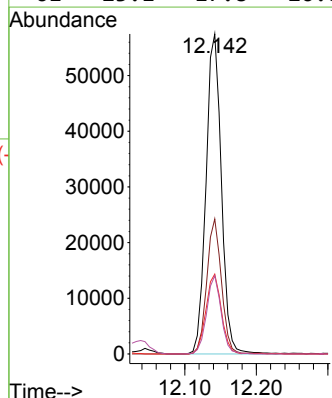
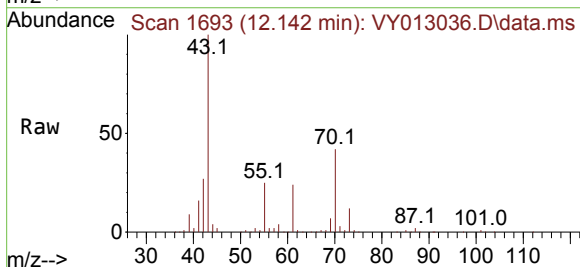
Ion Ratio Lower Upper

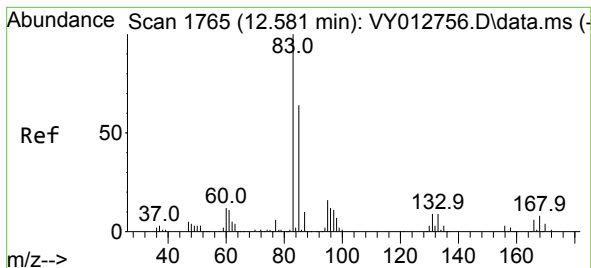
43 100

70 40.1 31.6 47.4

55 25.2 18.8 28.2

61 23.1 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 50.719 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY013036.D

Acq: 21 Mar 2023 18:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

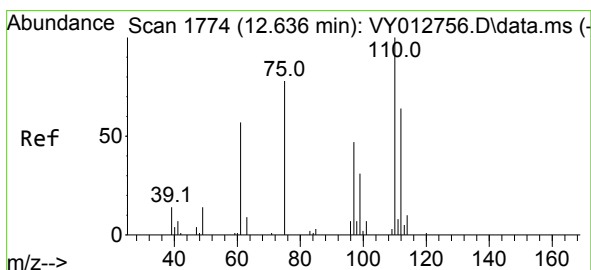
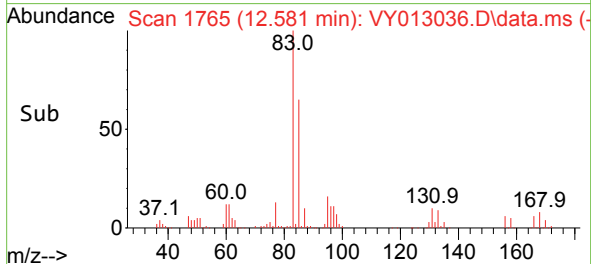
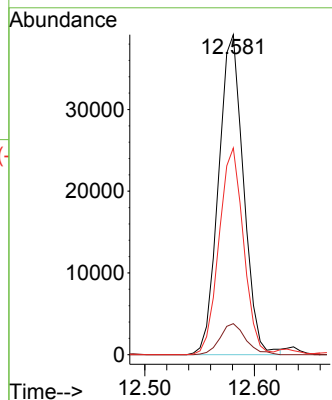
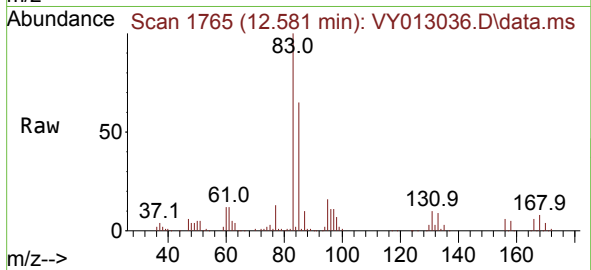
Tgt Ion: 83 Resp: 61999

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.2

85 63.4 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 84.745 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY013036.D

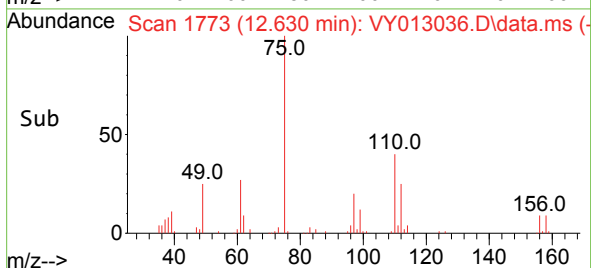
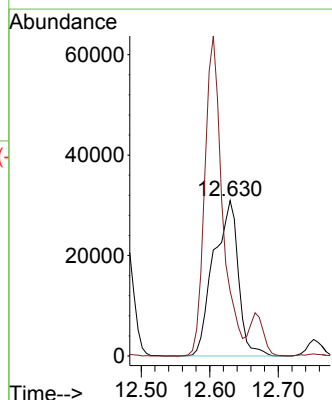
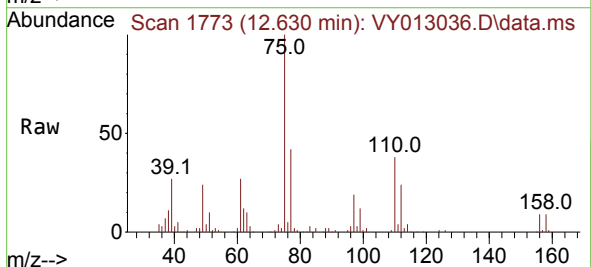
Acq: 21 Mar 2023 18:42

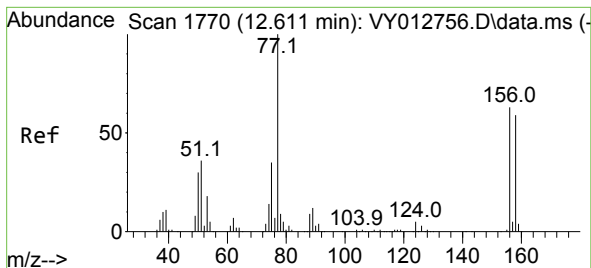
Tgt Ion: 75 Resp: 77650

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.023 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY013036.D

Acq: 21 Mar 2023 18:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

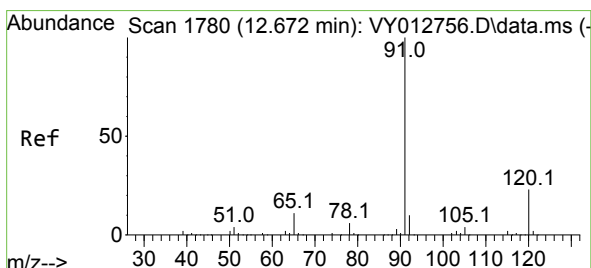
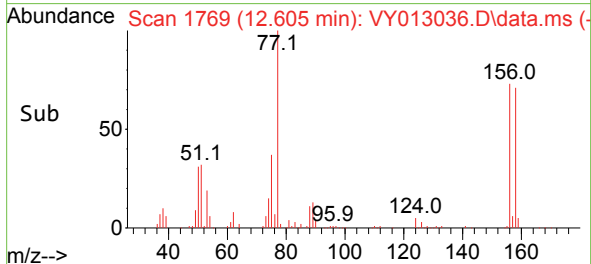
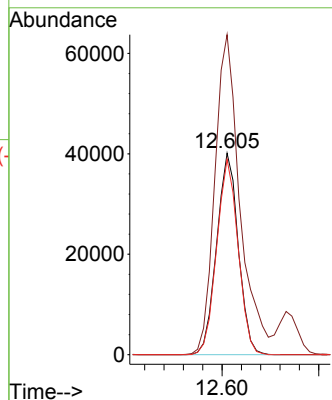
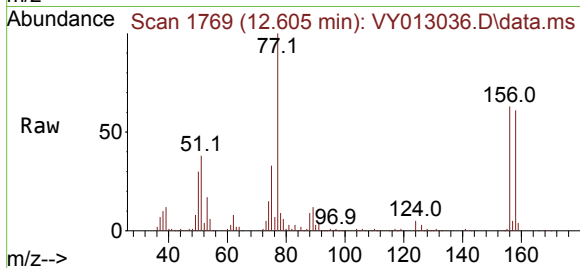
Tgt Ion:156 Resp: 62120

Ion Ratio Lower Upper

156 100

77 184.1 94.0 282.1

158 95.9 48.1 144.4



#78

n-propylbenzene

Concen: 46.946 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY013036.D

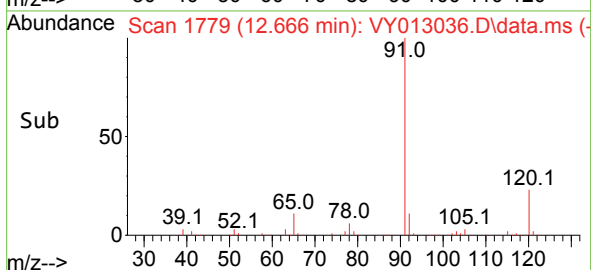
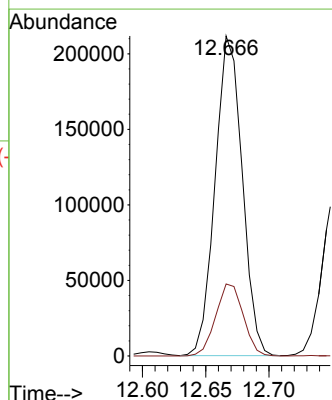
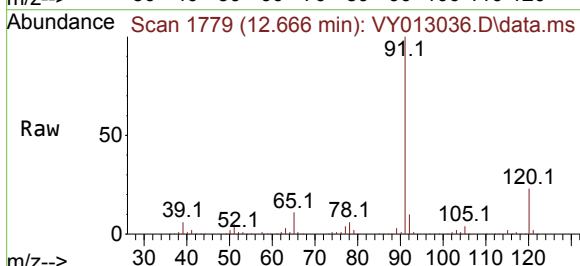
Acq: 21 Mar 2023 18:42

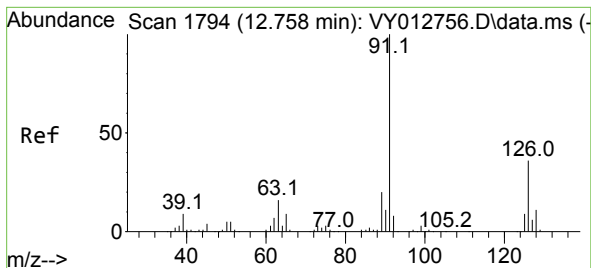
Tgt Ion: 91 Resp: 314741

Ion Ratio Lower Upper

91 100

120 22.9 11.6 34.8





#79

2-Chlorotoluene

Concen: 46.611 ug/l

RT: 12.752 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013036.D

Acq: 21 Mar 2023 18:42

Instrument :

MSVOA_Y

ClientSampleId :

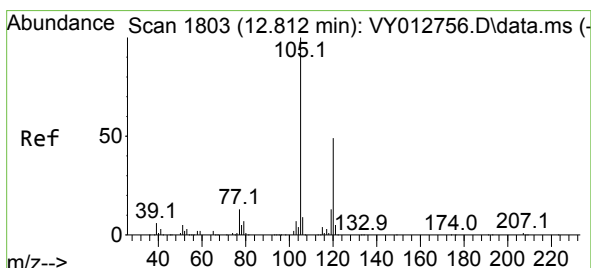
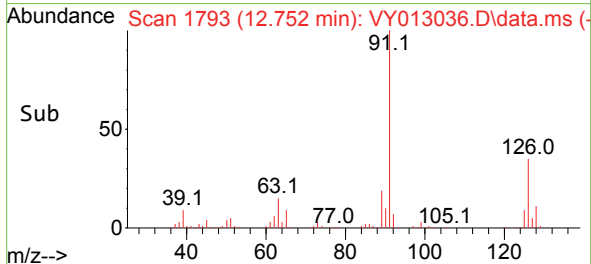
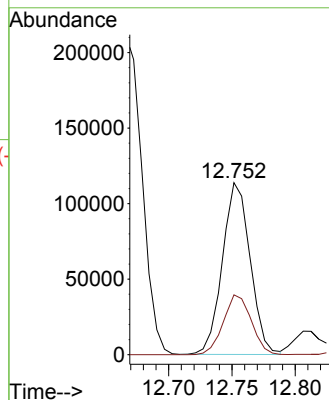
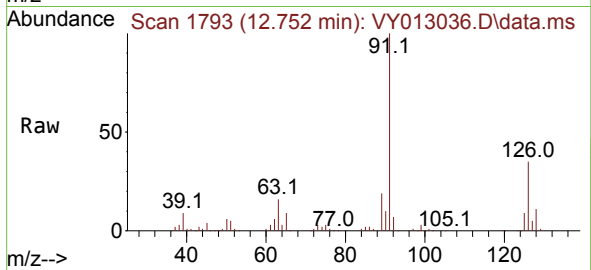
VSTDCCC050EC

Tgt Ion: 91 Resp: 173680

Ion Ratio Lower Upper

91 100

126 35.1 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 47.445 ug/l

RT: 12.806 min Scan# 1802

Delta R.T. -0.006 min

Lab File: VY013036.D

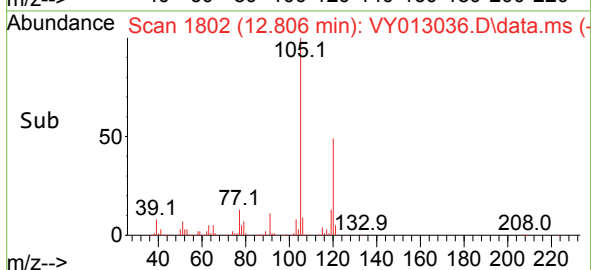
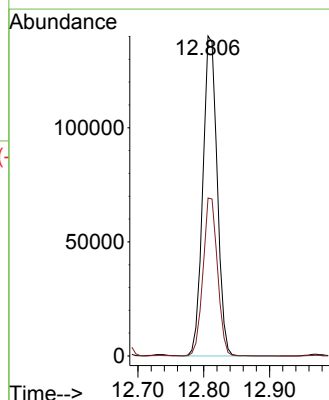
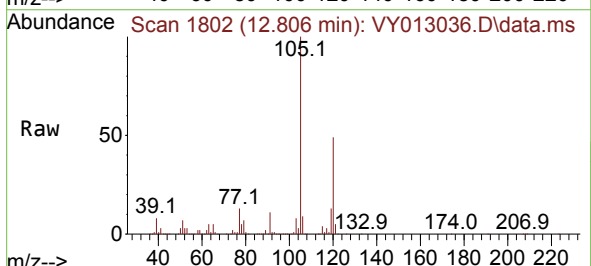
Acq: 21 Mar 2023 18:42

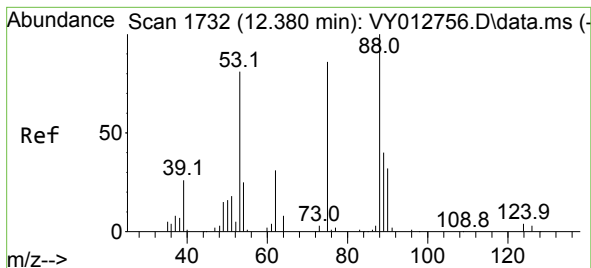
Tgt Ion:105 Resp: 212921

Ion Ratio Lower Upper

105 100

120 49.7 24.8 74.4

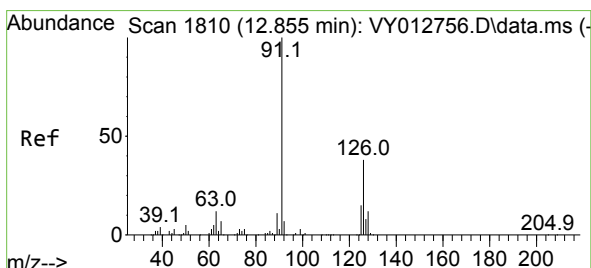
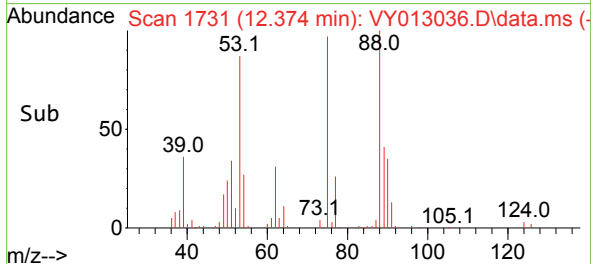
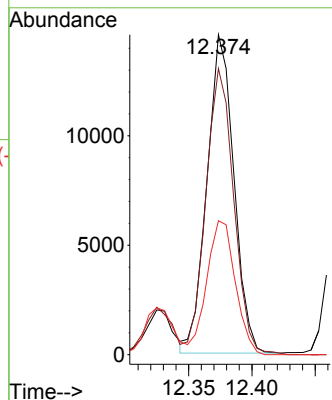
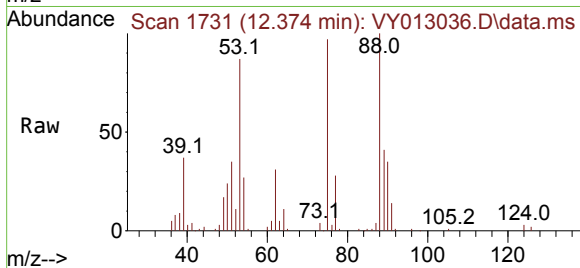




#81
trans-1,4-Dichloro-2-butene
Concen: 48.771 ug/l
RT: 12.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013036.D
Acq: 21 Mar 2023 18:42

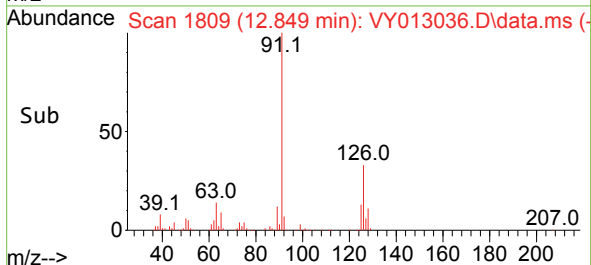
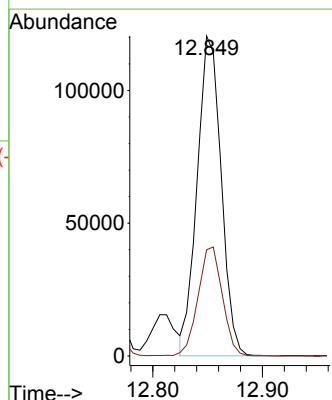
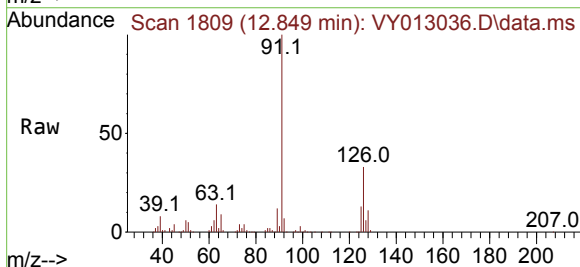
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

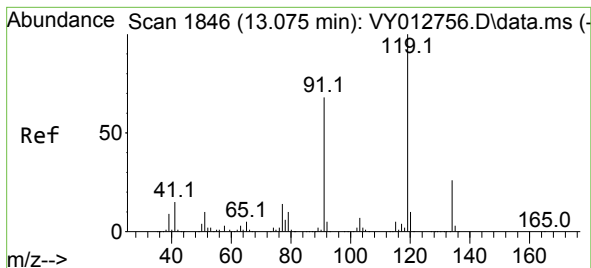
Tgt Ion:	75	Resp:	21567
Ion	Ratio	Lower	Upper
75	100		
53	93.1	73.4	110.0
89	44.4	36.6	55.0



#82
4-Chlorotoluene
Concen: 47.408 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY013036.D
Acq: 21 Mar 2023 18:42

Tgt Ion:	91	Resp:	182859
Ion	Ratio	Lower	Upper
91	100		
126	34.7	17.7	53.1

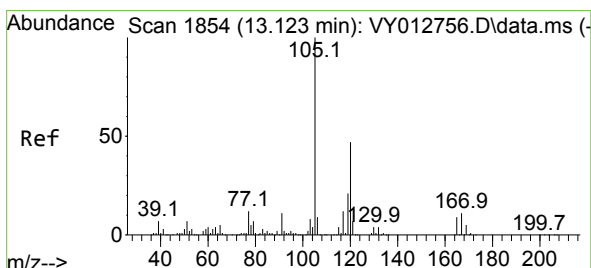
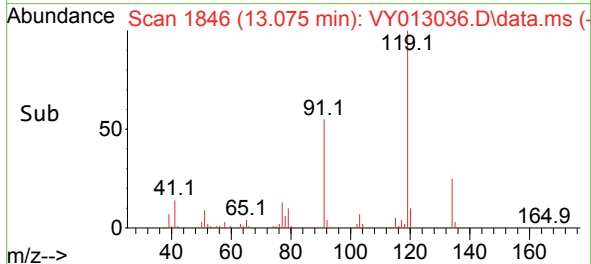
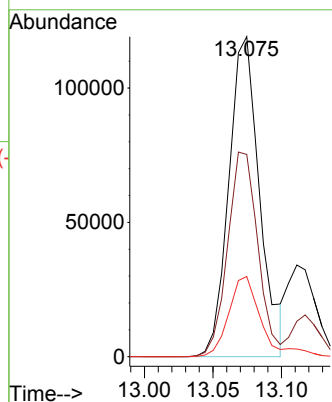
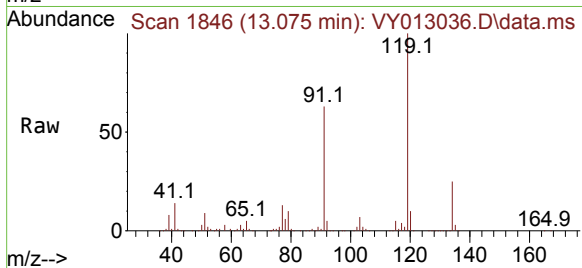




#83
tert-Butylbenzene
Concen: 48.104 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY013036.D
Acq: 21 Mar 2023 18:42

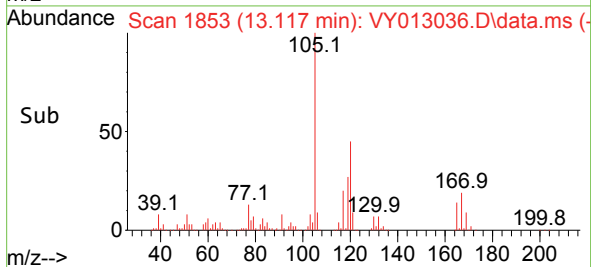
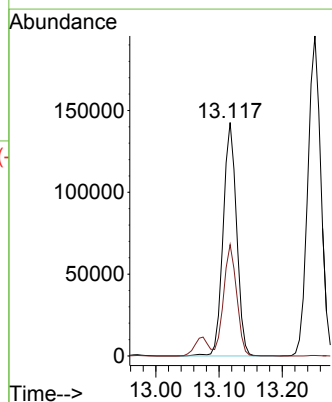
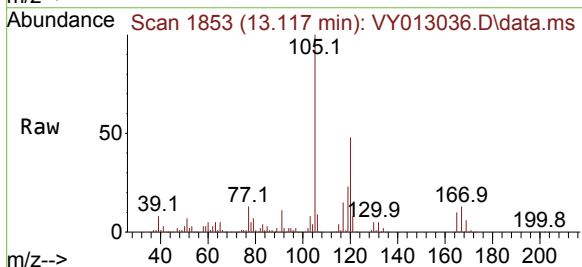
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

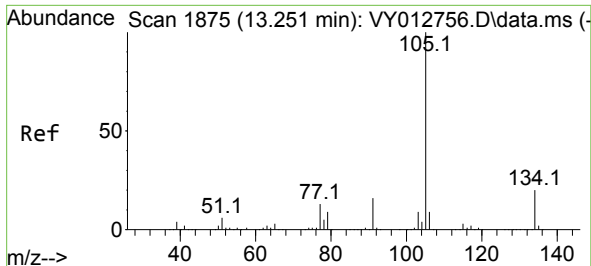
Tgt Ion:119 Resp: 186329
Ion Ratio Lower Upper
119 100
91 63.0 32.8 98.3
134 26.5 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 47.721 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY013036.D
Acq: 21 Mar 2023 18:42

Tgt Ion:105 Resp: 209414
Ion Ratio Lower Upper
105 100
120 46.0 23.0 69.0

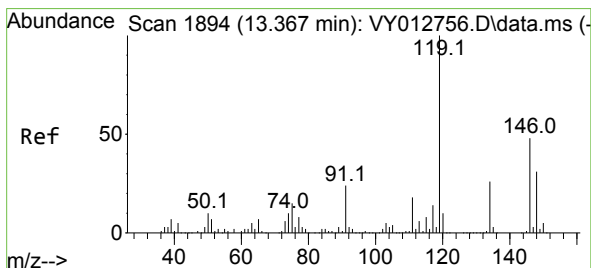
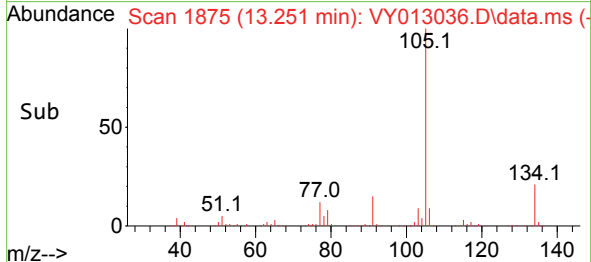
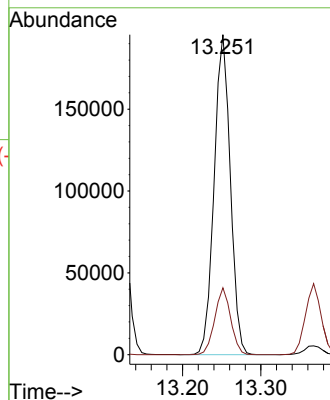
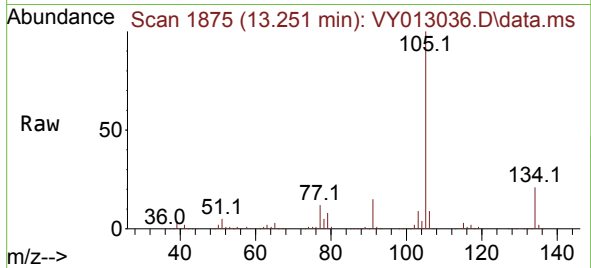




#85
 sec-Butylbenzene
 Concen: 47.447 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY013036.D
 Acq: 21 Mar 2023 18:42

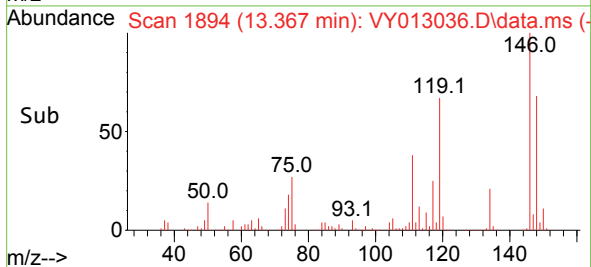
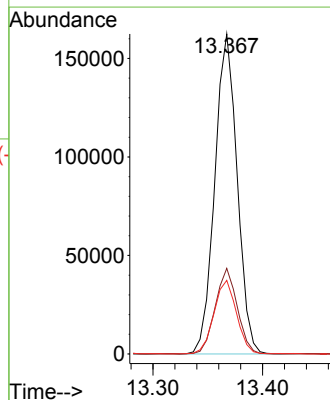
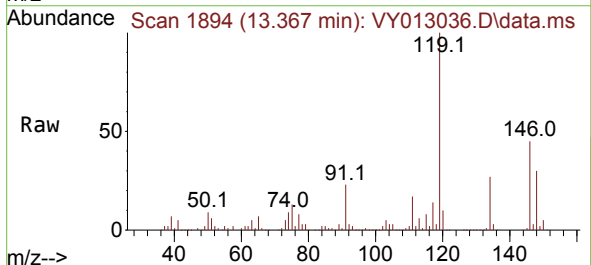
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

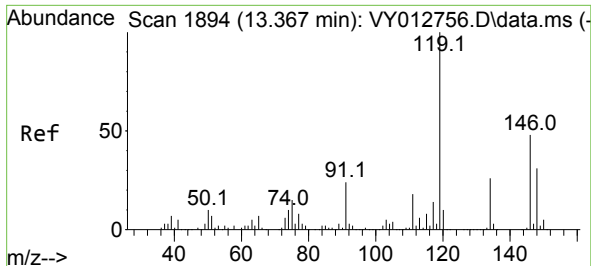
Tgt Ion:105 Resp: 280371
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 47.723 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY013036.D
 Acq: 21 Mar 2023 18:42

Tgt Ion:119 Resp: 230478
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.2 39.6
 91 23.1 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 47.345 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VY013036.D

Acq: 21 Mar 2023 18:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

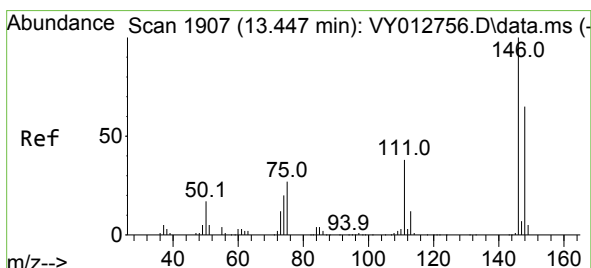
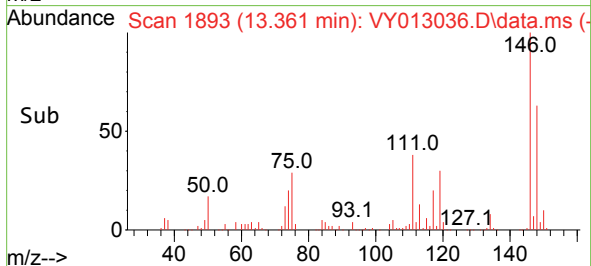
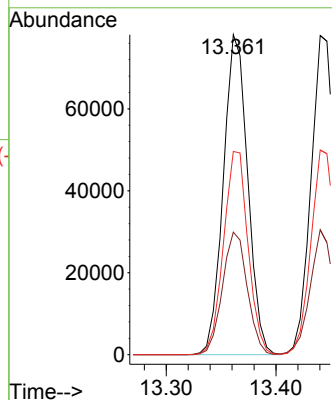
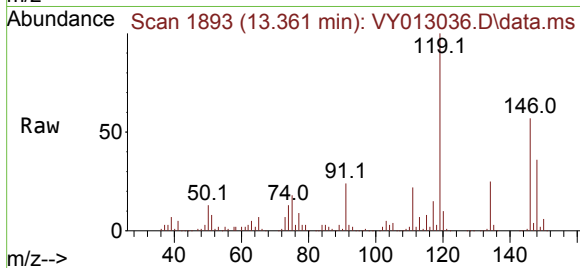
Tgt Ion:146 Resp: 120628

Ion Ratio Lower Upper

146 100

111 39.0 19.1 57.5

148 64.1 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 46.595 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY013036.D

Acq: 21 Mar 2023 18:42

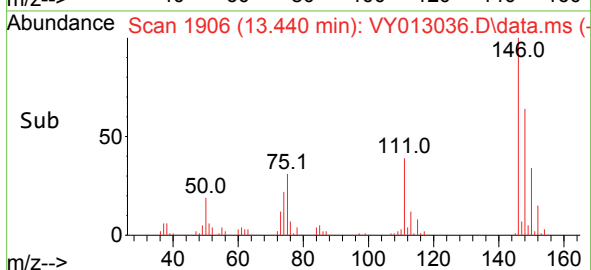
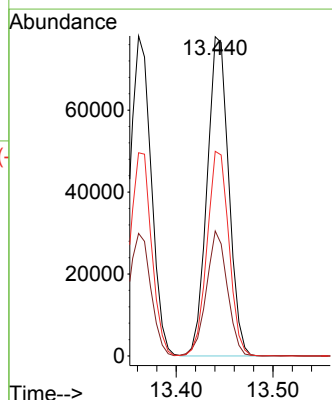
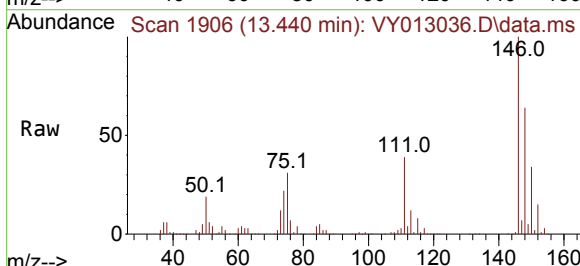
Tgt Ion:146 Resp: 121164

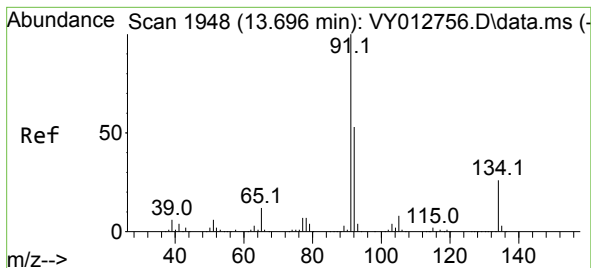
Ion Ratio Lower Upper

146 100

111 38.1 18.6 55.8

148 64.7 31.5 94.5





#89

n-Butylbenzene

Concen: 47.286 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013036.D

Acq: 21 Mar 2023 18:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

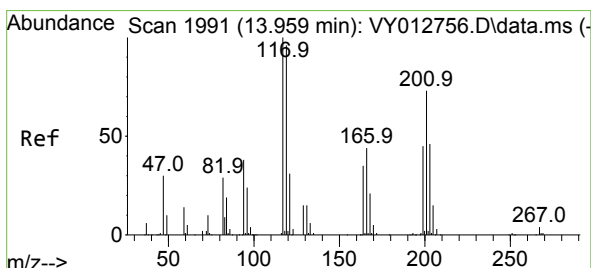
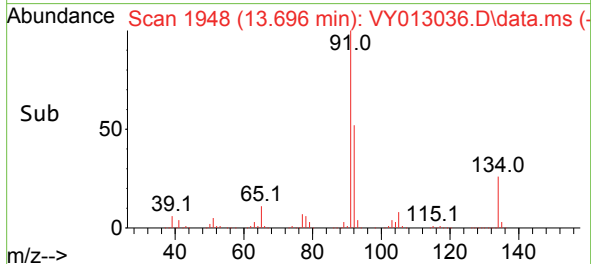
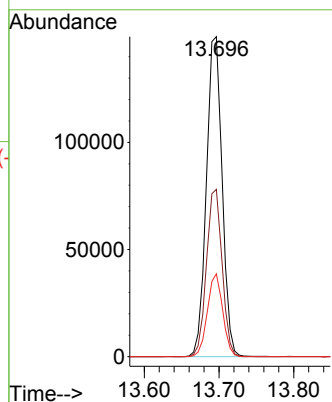
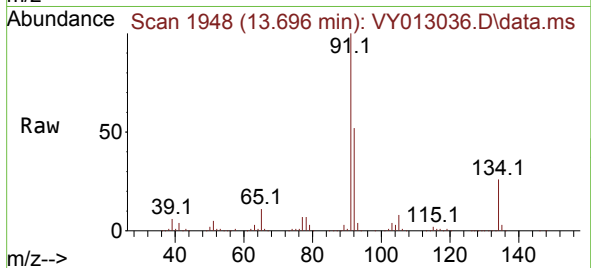
Tgt Ion: 91 Resp: 218619

Ion Ratio Lower Upper

91 100

92 51.9 26.4 79.0

134 25.1 13.0 38.9



#90

Hexachloroethane

Concen: 47.035 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY013036.D

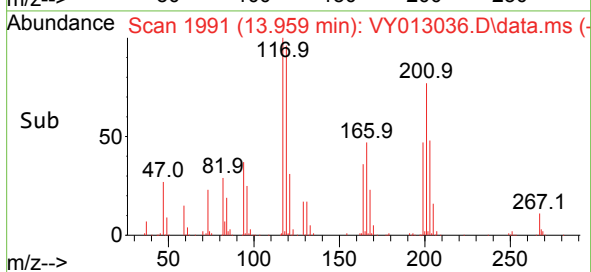
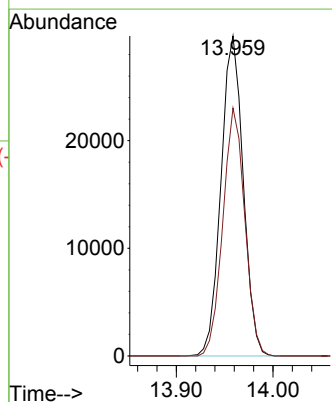
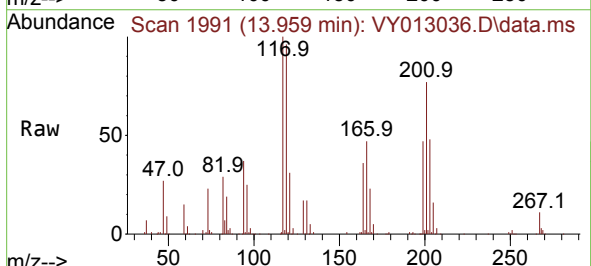
Acq: 21 Mar 2023 18:42

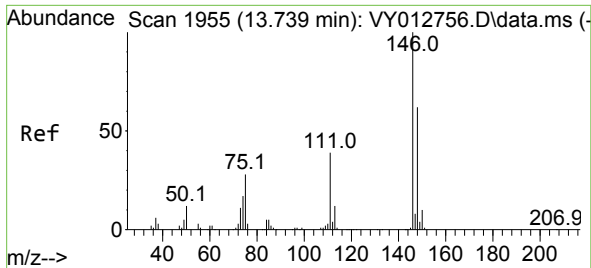
Tgt Ion: 117 Resp: 47312

Ion Ratio Lower Upper

117 100

201 76.7 39.4 118.1

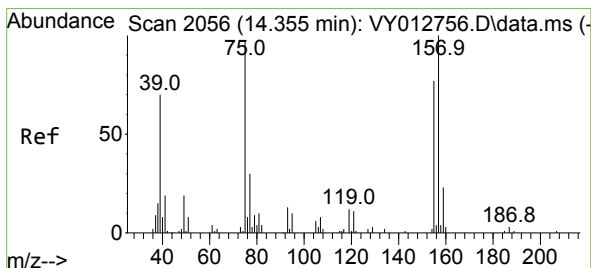
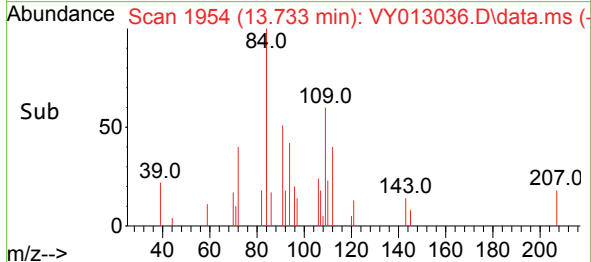
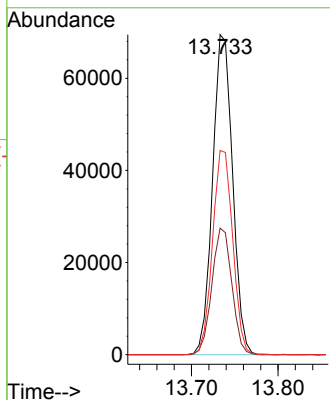
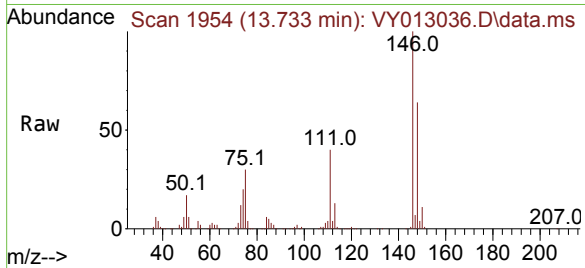




#91
 1,2-Dichlorobenzene
 Concen: 48.445 ug/l
 RT: 13.733 min Scan# 1954
 Delta R.T. -0.006 min
 Lab File: VY013036.D
 Acq: 21 Mar 2023 18:42

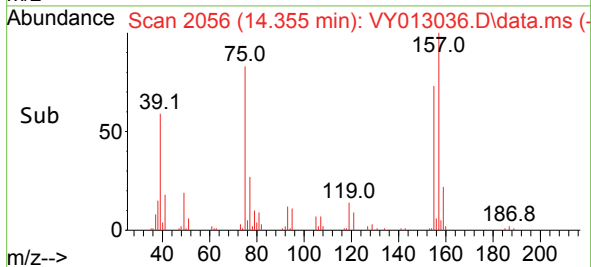
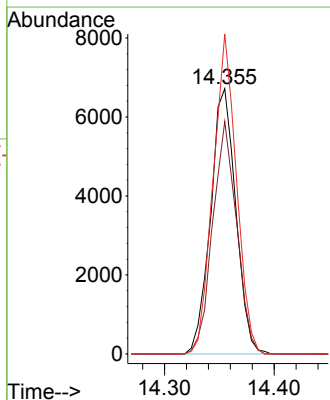
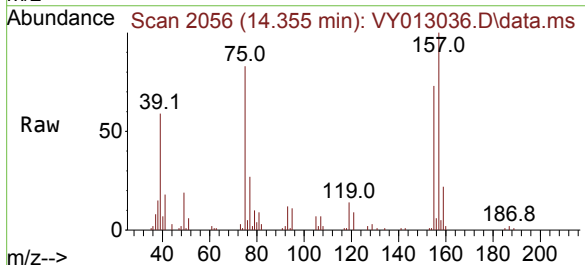
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

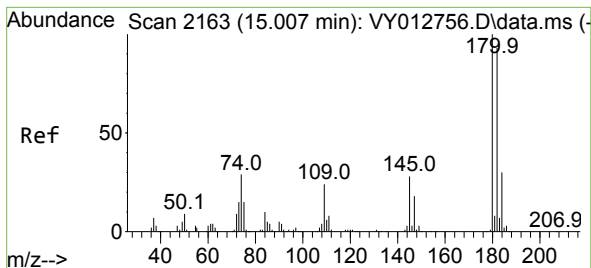
Tgt Ion:146 Resp: 111577
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.7 59.1
 148 64.3 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.293 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. 0.000 min
 Lab File: VY013036.D
 Acq: 21 Mar 2023 18:42

Tgt Ion: 75 Resp: 10726
 Ion Ratio Lower Upper
 75 100
 155 83.4 43.8 131.4
 157 111.3 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 47.045 ug/l

RT: 15.001 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY013036.D

Acq: 21 Mar 2023 18:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

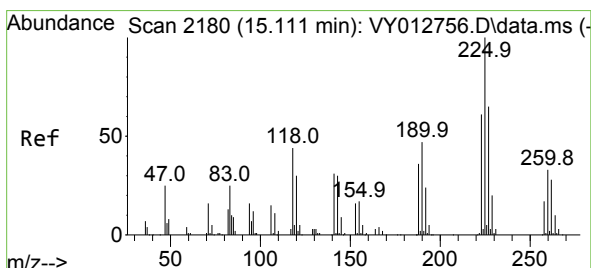
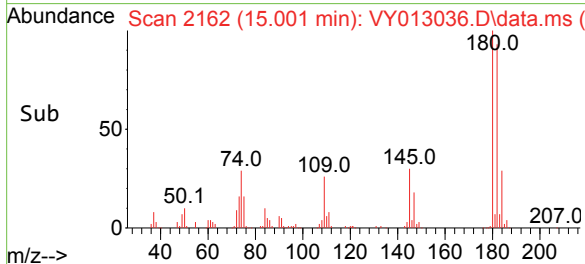
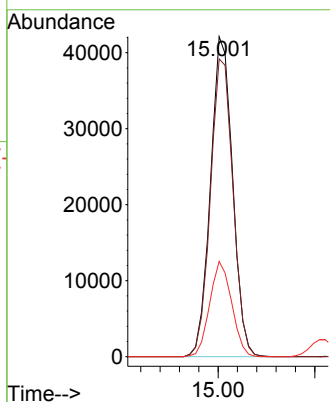
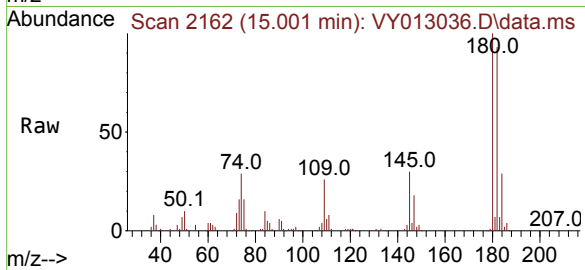
Tgt Ion:180 Resp: 66714

Ion Ratio Lower Upper

180 100

182 95.1 46.7 140.1

145 29.6 14.6 43.8



#94

Hexachlorobutadiene

Concen: 46.155 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY013036.D

Acq: 21 Mar 2023 18:42

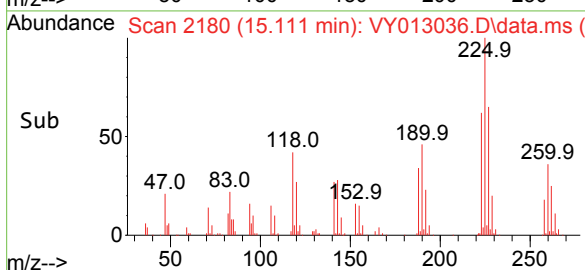
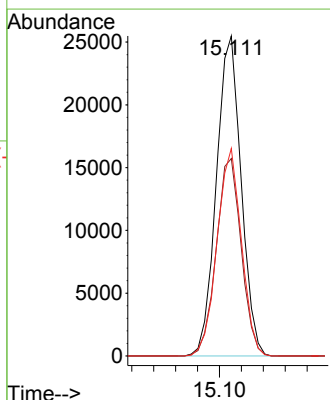
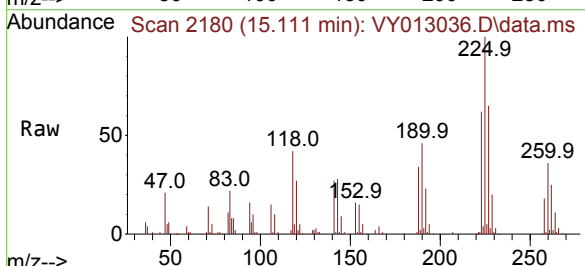
Tgt Ion:225 Resp: 39920

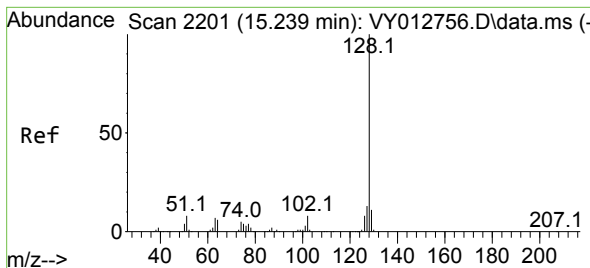
Ion Ratio Lower Upper

225 100

223 62.4 31.1 93.3

227 63.8 32.4 97.0





#95

Naphthalene

Concen: 52.898 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY013036.D

Acq: 21 Mar 2023 18:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

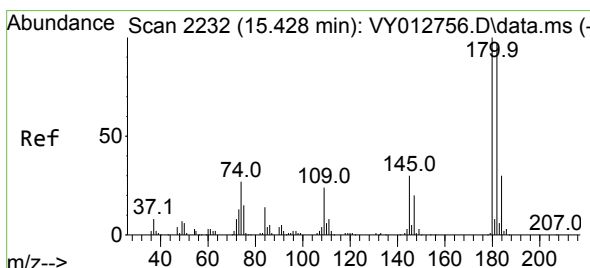
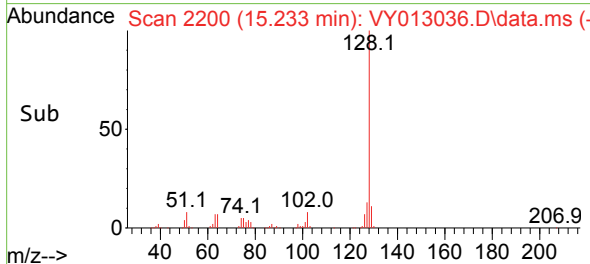
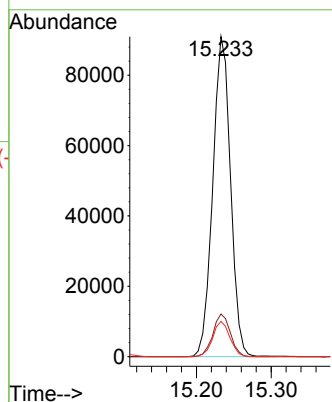
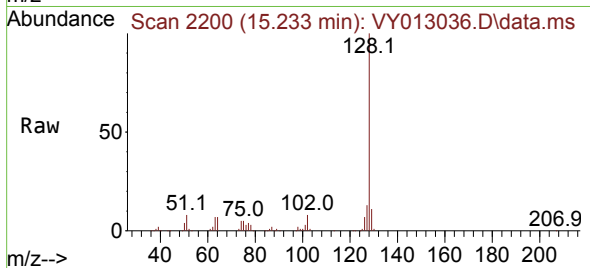
Tgt Ion:128 Resp: 150320

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 49.944 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY013036.D

Acq: 21 Mar 2023 18:42

Tgt Ion:180 Resp: 62989

Ion Ratio Lower Upper

180 100

182 94.2 47.4 142.3

145 30.8 15.3 45.8

