

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032023\
 Data File : VY013017.D
 Acq On : 20 Mar 2023 18:47
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 21 01:16:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	94087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	145973	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	136811	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	72927	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	46266	49.527	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.060%
35) Dibromofluoromethane	7.716	113	44677	50.715	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.420%
50) Toluene-d8	10.179	98	145996	45.332	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.660%
62) 4-Bromofluorobenzene	12.483	95	55522	51.077	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	48500	52.299	ug/l	97
3) Chloromethane	2.113	50	50654	45.689	ug/l	98
4) Vinyl Chloride	2.247	62	47904	47.120	ug/l	99
5) Bromomethane	2.644	94	33521	54.264	ug/l	99
6) Chloroethane	2.790	64	31523	51.774	ug/l	95
7) Trichlorofluoromethane	3.119	101	71990	42.635	ug/l	96
8) Diethyl Ether	3.528	74	33541	56.685	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.893	101	54515	53.663	ug/l	99
10) Methyl Iodide	4.088	142	70583	53.324	ug/l	98
11) Tert butyl alcohol	4.948	59	32162	303.704	ug/l	100
12) 1,1-Dichloroethene	3.869	96	51613	53.271	ug/l	98
13) Acrolein	3.729	56	35993	219.919	ug/l	100
14) Allyl chloride	4.479	41	97315	54.375	ug/l	99
15) Acrylonitrile	5.155	53	96366	309.089	ug/l	99
16) Acetone	3.942	43	102419	279.325	ug/l	97
17) Carbon Disulfide	4.192	76	173980	52.755	ug/l	99
18) Methyl Acetate	4.473	43	66244	60.668	ug/l	100
19) Methyl tert-butyl Ether	5.222	73	149063	59.564	ug/l	99
20) Methylene Chloride	4.710	84	64105	58.171	ug/l	97
21) trans-1,2-Dichloroethene	5.216	96	58584	55.641	ug/l	100
22) Diisopropyl ether	6.119	45	194974	59.980	ug/l	99
23) Vinyl Acetate	6.058	43	623800	308.848	ug/l	99
24) 1,1-Dichloroethane	6.015	63	104700	56.524	ug/l	99
25) 2-Butanone	6.984	43	138455	304.869	ug/l	98
26) 2,2-Dichloropropane	6.978	77	86482	52.568	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	65968	58.439	ug/l	98
28) Bromochloromethane	7.332	49	38486	56.855	ug/l	98
29) Tetrahydrofuran	7.344	42	88843	324.357	ug/l	100
30) Chloroform	7.509	83	108448	59.273	ug/l	99
31) Cyclohexane	7.783	56	90398	50.527	ug/l	98
32) 1,1,1-Trichloroethane	7.698	97	91840	55.506	ug/l	98
36) 1,1-Dichloropropene	7.917	75	79875	54.106	ug/l	99
37) Ethyl Acetate	7.070	43	56845	61.093	ug/l	99
38) Carbon Tetrachloride	7.893	117	84612	55.502	ug/l	95
39) Methylcyclohexane	9.179	83	93995	53.555	ug/l	97
40) Benzene	8.161	78	237011	56.756	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	80833	161.243	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	74619	59.434	ug/l	99
43) Isopropyl Acetate	8.271	43	101487	61.134	ug/l	99
44) Trichloroethene	8.941	130	61435	55.799	ug/l	97
45) 1,2-Dichloropropane	9.216	63	61385	58.164	ug/l	97
46) Dibromomethane	9.301	93	36684	61.013	ug/l	98
47) Bromodichloromethane	9.496	83	84162	59.400	ug/l	98
48) Methyl methacrylate	9.289	41	47108	61.586	ug/l	98
49) 1,4-Dioxane	9.295	88	10652	1370.444	ug/l	99
51) 4-Methyl-2-Pentanone	10.069	43	292593	324.928	ug/l	99
52) Toluene	10.240	92	147693	58.644	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	88827	59.770	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	99100	58.913	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	50713	60.565	ug/l	98
56) Ethyl methacrylate	10.508	69	70693	63.317	ug/l	99
57) 1,3-Dichloropropane	10.788	76	85856	60.200	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	176213	300.648	ug/l	99
59) 2-Hexanone	10.831	43	213107	325.624	ug/l	100
60) Dibromochloromethane	10.984	129	61267	60.109	ug/l	99
61) 1,2-Dibromoethane	11.087	107	49458	61.317	ug/l	100
64) Tetrachloroethene	10.715	164	53081	53.290	ug/l	97
65) Chlorobenzene	11.514	112	159086	55.405	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	60423	56.870	ug/l	99
67) Ethyl Benzene	11.593	91	278623	55.192	ug/l	99
68) m/p-Xylenes	11.703	106	216040	111.244	ug/l	99
69) o-Xylene	12.026	106	102797	56.716	ug/l	98
70) Styrene	12.044	104	177203	58.587	ug/l	99
71) Bromoform	12.209	173	41465	59.856	ug/l #	99
73) Isopropylbenzene	12.331	105	267005	51.661	ug/l	100
74) N-amyl acetate	12.142	43	91550	56.298	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	65045	55.985	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	82982	95.287	ug/l #	100
77) Bromobenzene	12.605	156	67007	53.368	ug/l	99
78) n-propylbenzene	12.672	91	331551	52.032	ug/l	100
79) 2-Chlorotoluene	12.758	91	185097	52.265	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	224579	52.653	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	22908	54.505	ug/l	100
82) 4-Chlorotoluene	12.855	91	194735	53.119	ug/l	98
83) tert-Butylbenzene	13.075	119	192572	52.309	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	226940	54.412	ug/l	100
85) sec-Butylbenzene	13.251	105	292169	52.022	ug/l	99
86) p-Isopropyltoluene	13.367	119	240827	52.466	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	130119	53.733	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	130378	52.753	ug/l	99
89) n-Butylbenzene	13.696	91	227352	51.739	ug/l	100
90) Hexachloroethane	13.959	117	49406	51.679	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	120561	55.075	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10408	55.431	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	70186	52.075	ug/l	98
94) Hexachlorobutadiene	15.111	225	40644	49.442	ug/l	98
95) Naphthalene	15.233	128	151769	56.193	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	63893	53.302	ug/l	99

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QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration

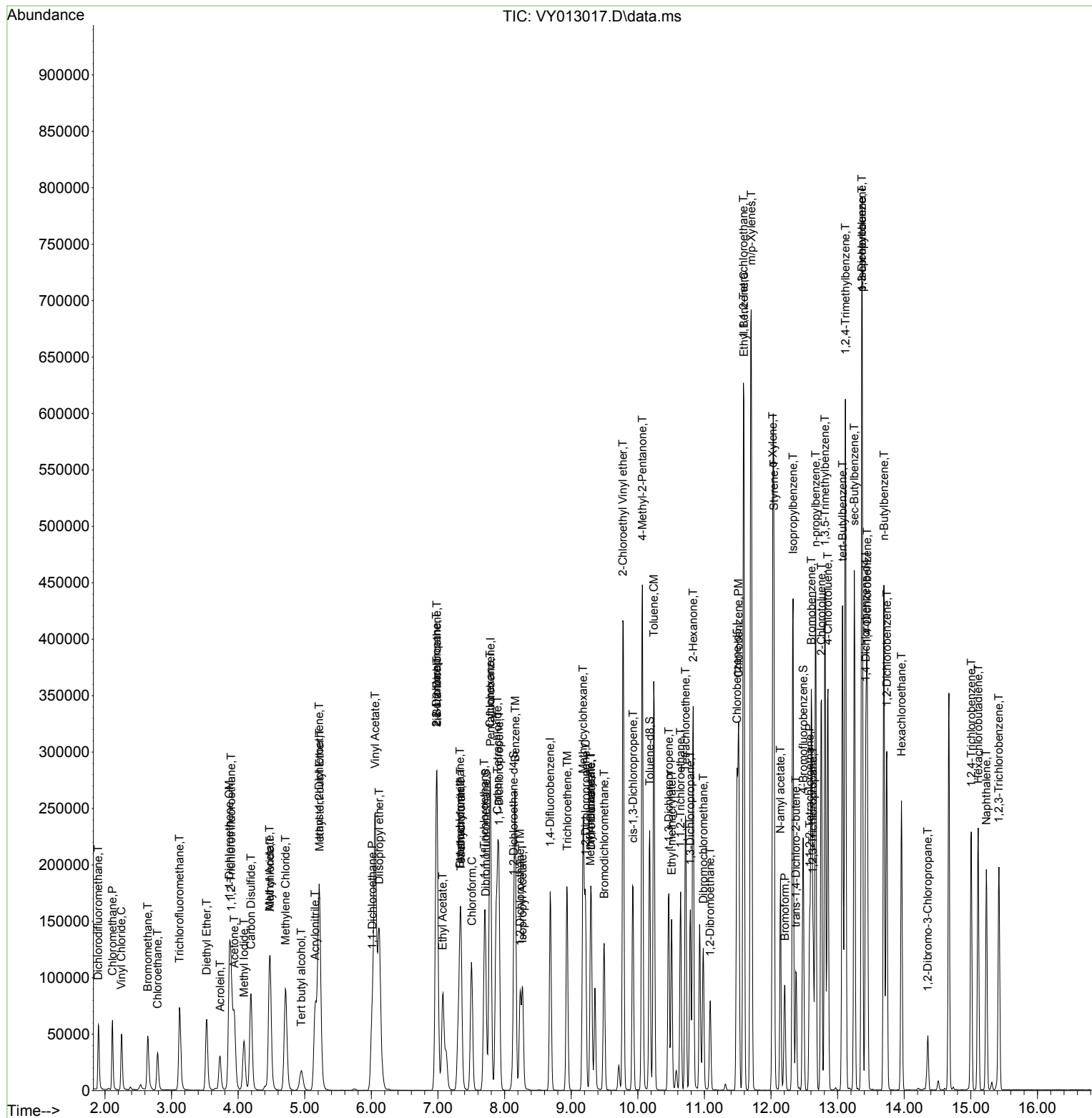
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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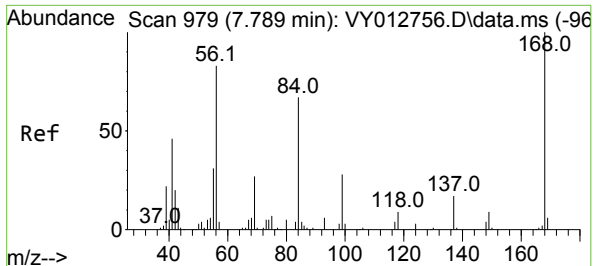
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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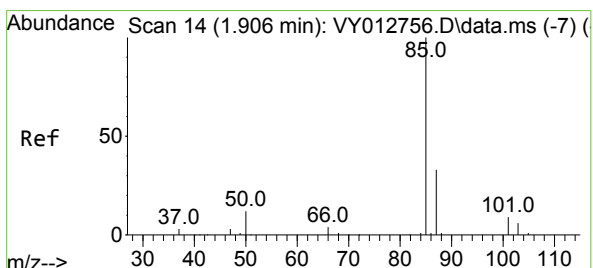
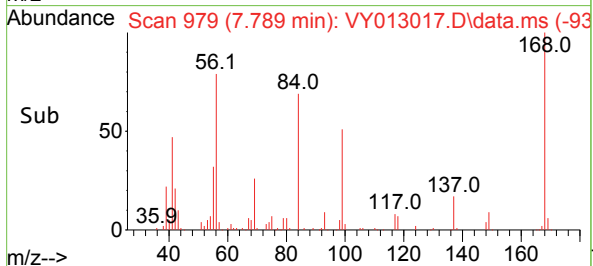
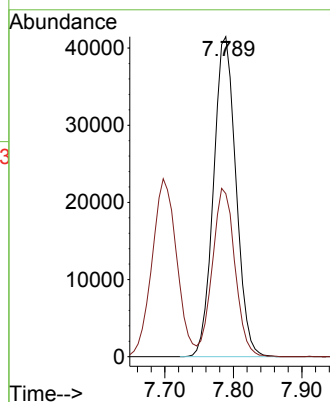
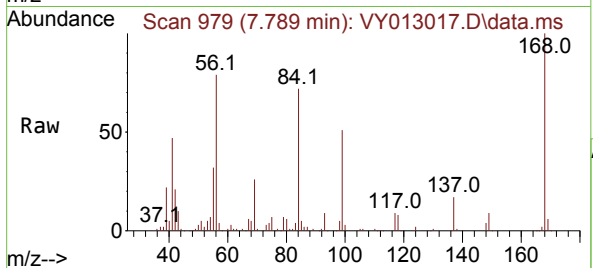




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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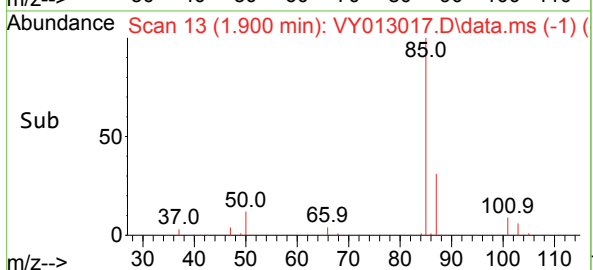
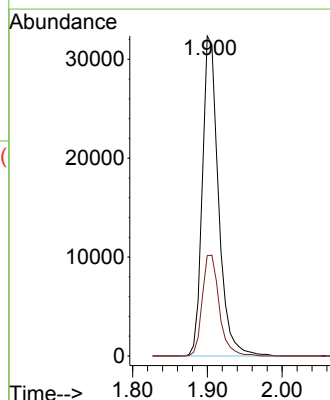
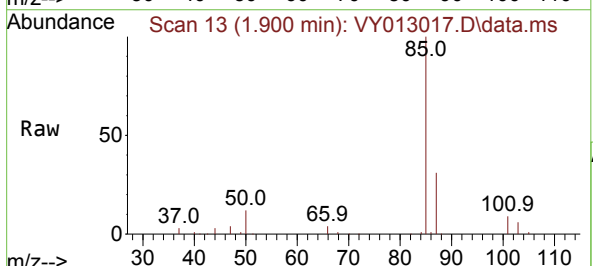
Instrument :
MSVOA_Y
ClientSampleId :
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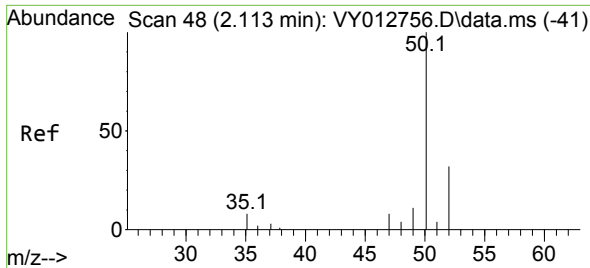
Tgt Ion:168 Resp: 94087
Ion Ratio Lower Upper
168 100
99 51.0 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 52.299 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY013017.D
Acq: 20 Mar 2023 18:47

Tgt Ion: 85 Resp: 48500
Ion Ratio Lower Upper
85 100
87 31.3 16.7 50.0

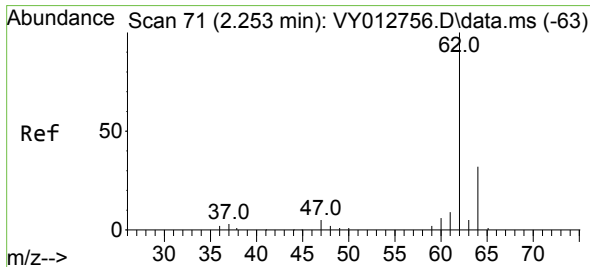
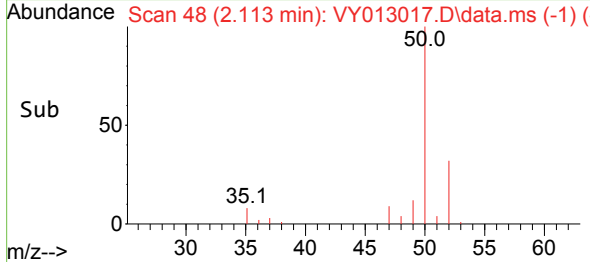
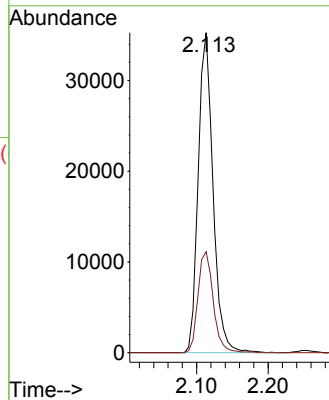
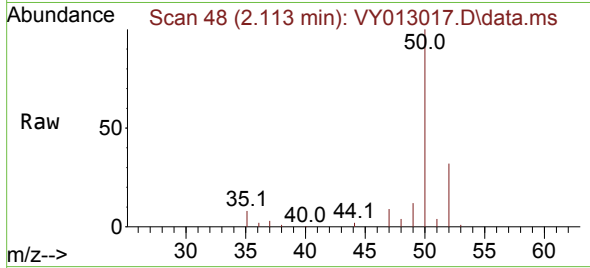




#3
Chloromethane
Concen: 45.689 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013017.D
Acq: 20 Mar 2023 18:47

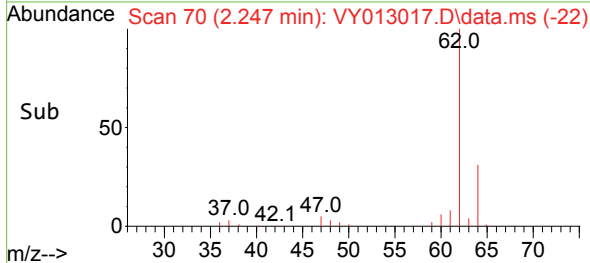
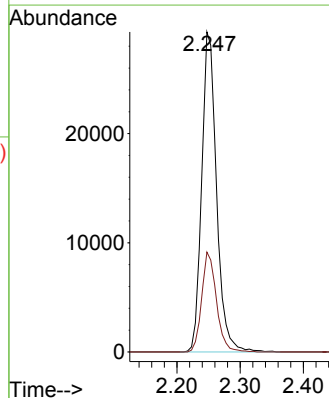
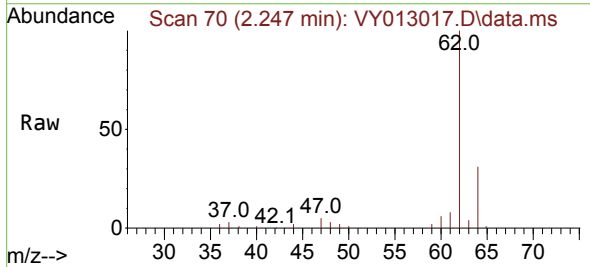
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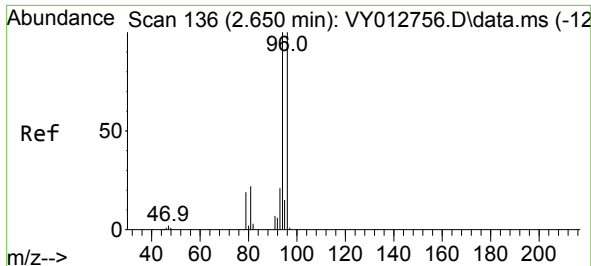
Tgt Ion: 50 Resp: 50654
Ion Ratio Lower Upper
50 100
52 31.6 26.0 39.0



#4
Vinyl Chloride
Concen: 47.120 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY013017.D
Acq: 20 Mar 2023 18:47

Tgt Ion: 62 Resp: 47904
Ion Ratio Lower Upper
62 100
64 31.2 25.6 38.4

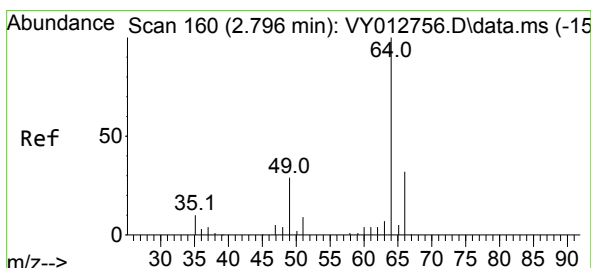
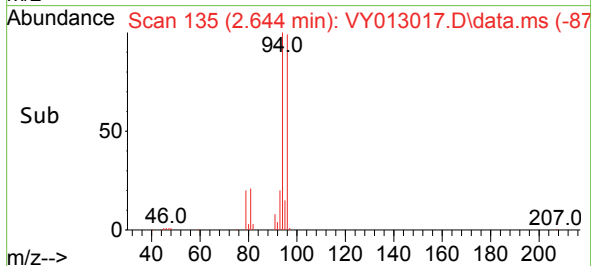
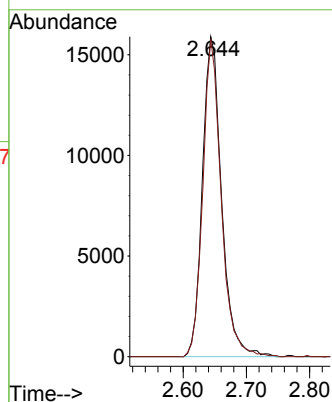
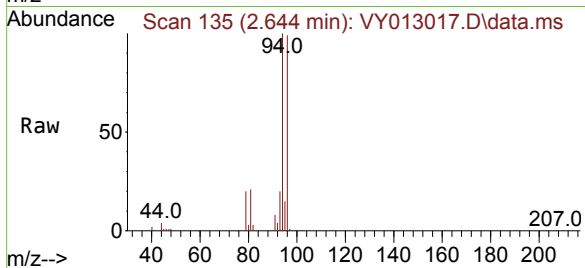




#5
Bromomethane
Concen: 54.264 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013017.D
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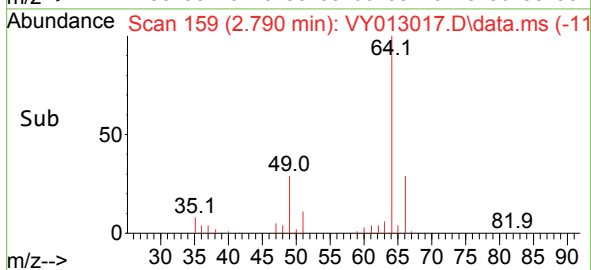
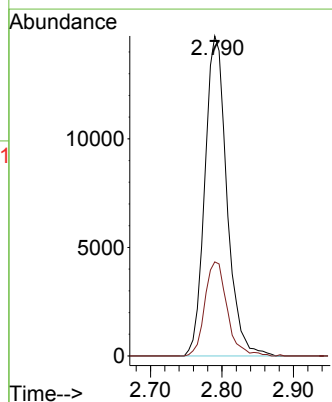
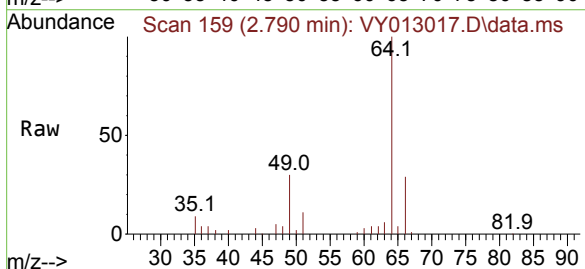
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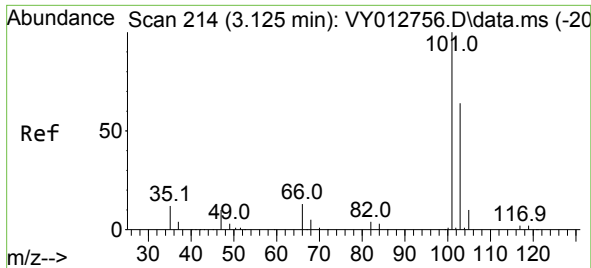
Tgt Ion: 94 Resp: 33521
Ion Ratio Lower Upper
94 100
96 99.2 80.3 120.5



#6
Chloroethane
Concen: 51.774 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
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Tgt Ion: 64 Resp: 31523
Ion Ratio Lower Upper
64 100
66 29.4 25.7 38.5

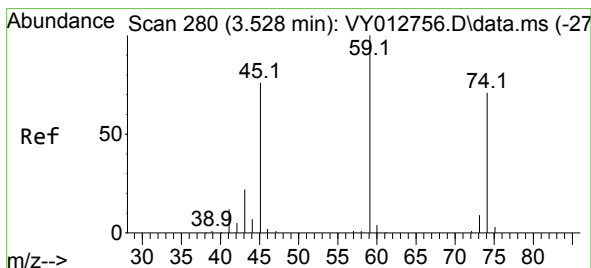
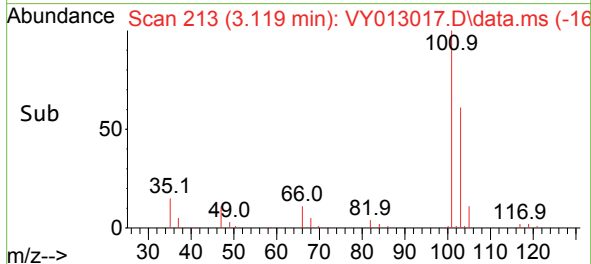
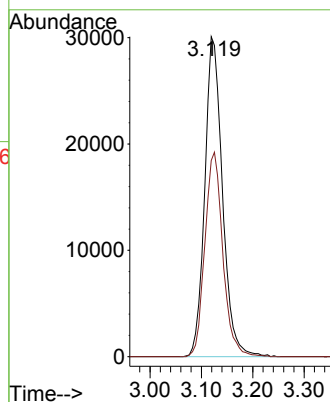
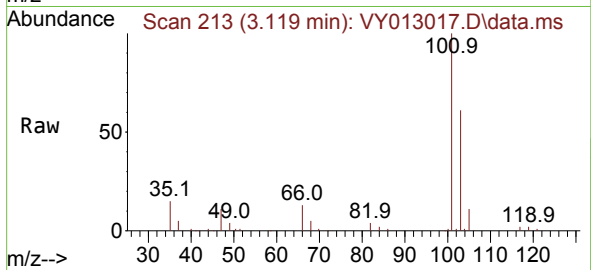




#7
 Trichlorofluoromethane
 Concen: 42.635 ug/l
 RT: 3.119 min Scan# 214
 Delta R.T. -0.006 min
 Lab File: VY013017.D
 Acq: 20 Mar 2023 18:47

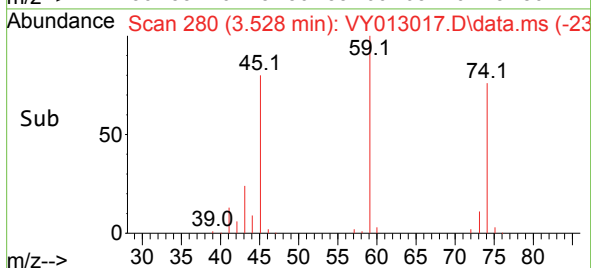
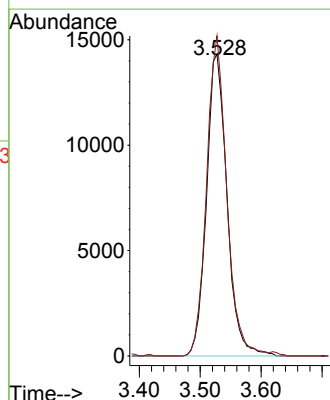
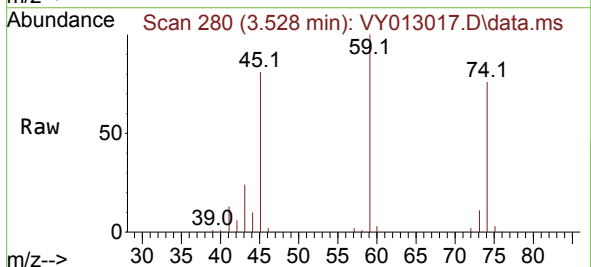
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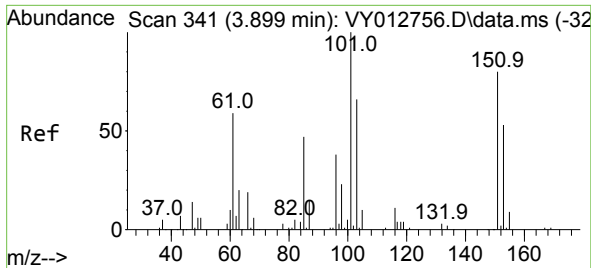
Tgt Ion:101 Resp: 71990
 Ion Ratio Lower Upper
 101 100
 103 61.3 51.5 77.3



#8
 Diethyl Ether
 Concen: 56.685 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 33541
 Ion Ratio Lower Upper
 74 100
 45 105.0 52.1 156.4

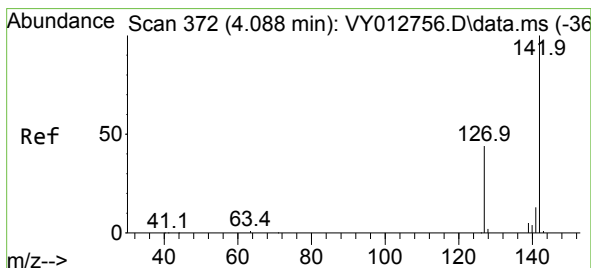
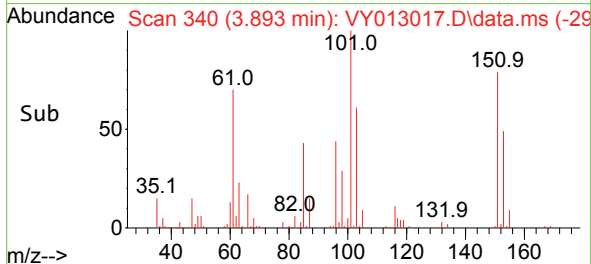
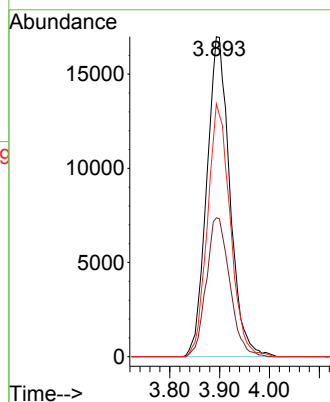
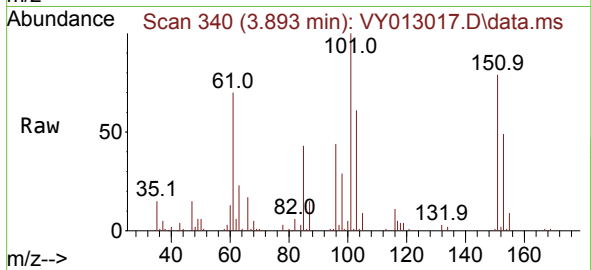




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.663 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY013017.D
Acq: 20 Mar 2023 18:47

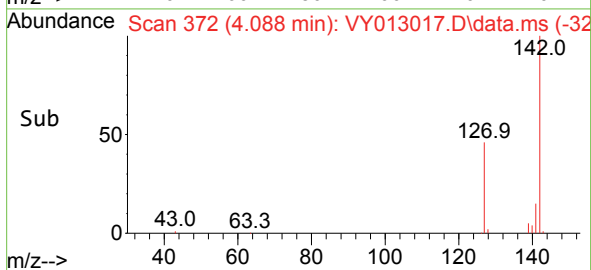
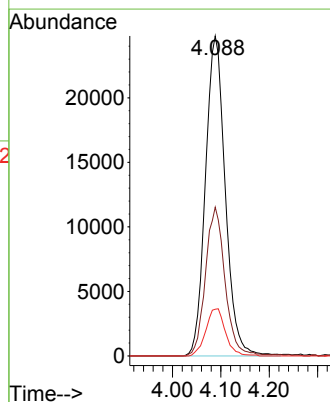
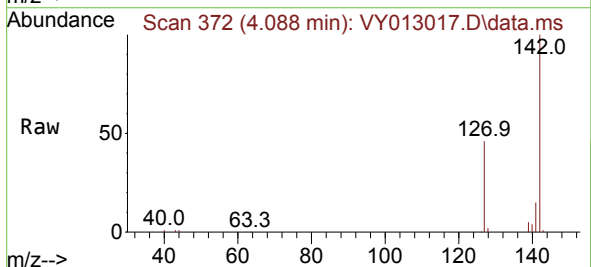
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

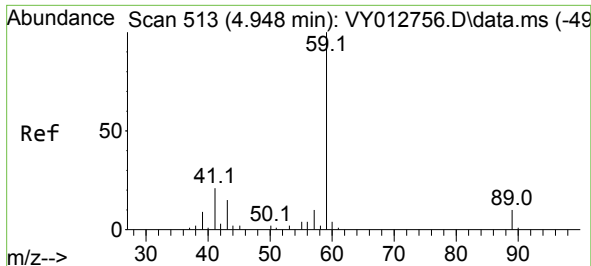
Tgt Ion:101 Resp: 54515
Ion Ratio Lower Upper
101 100
85 44.1 35.3 52.9
151 77.8 63.1 94.7



#10
Methyl Iodide
Concen: 53.324 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY013017.D
Acq: 20 Mar 2023 18:47

Tgt Ion:142 Resp: 70583
Ion Ratio Lower Upper
142 100
127 45.8 35.4 53.2
141 14.6 11.3 16.9

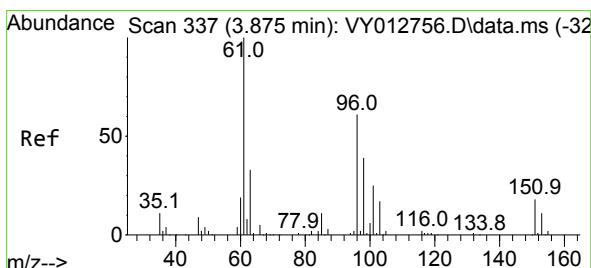
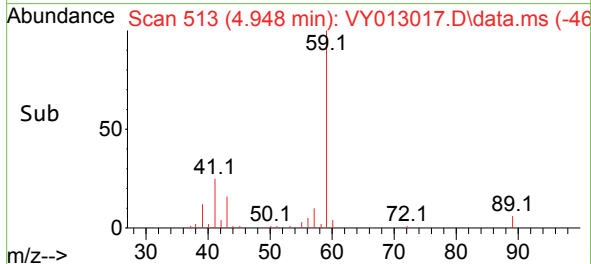
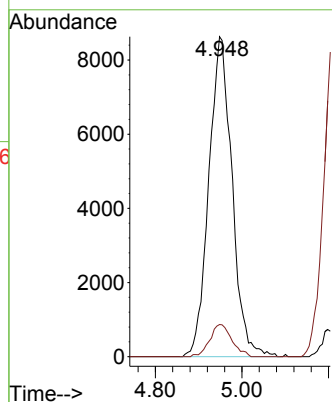
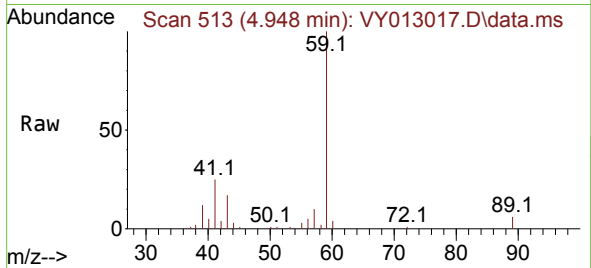




#11
Tert butyl alcohol
Concen: 303.704 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY013017.D
Acq: 20 Mar 2023 18:47

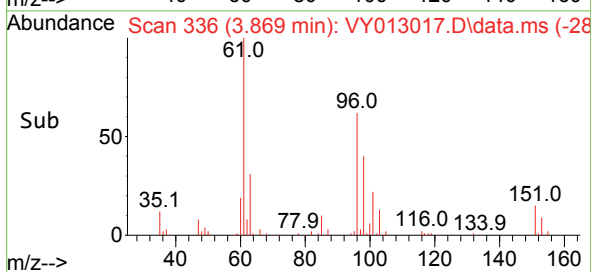
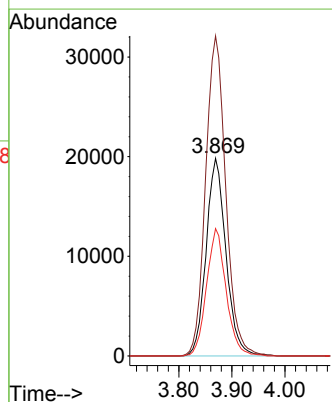
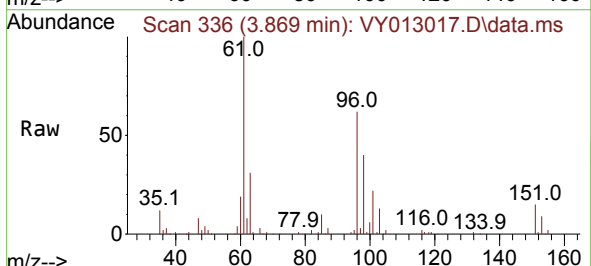
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

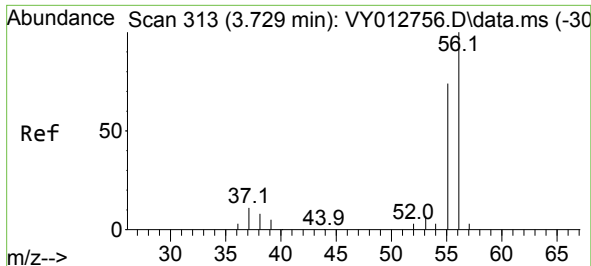
Tgt Ion: 59 Resp: 32162
Ion Ratio Lower Upper
59 100
57 9.6 7.7 11.5



#12
1,1-Dichloroethene
Concen: 53.271 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY013017.D
Acq: 20 Mar 2023 18:47

Tgt Ion: 96 Resp: 51613
Ion Ratio Lower Upper
96 100
61 161.9 131.7 197.5
98 64.4 52.0 78.0





#13

Acrolein

Concen: 219.919 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY013017.D

Acq: 20 Mar 2023 18:47

Instrument :

MSVOA_Y

ClientSampleId :

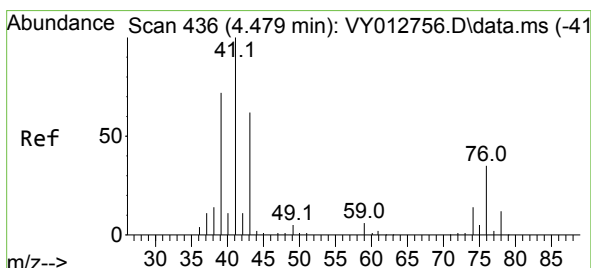
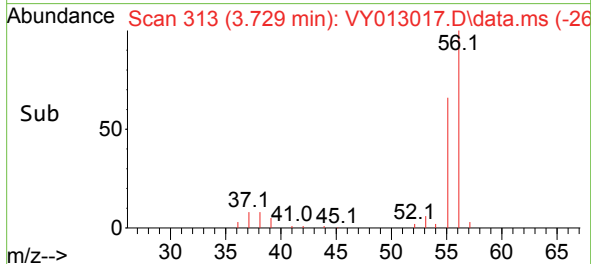
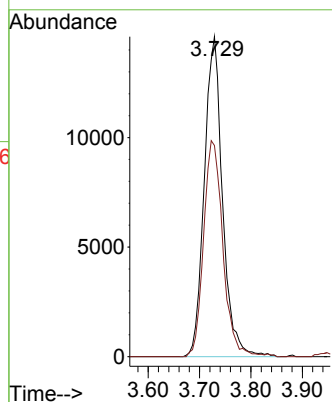
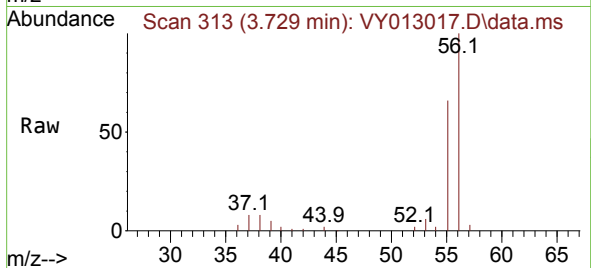
VSTDCCC050EC

Tgt Ion: 56 Resp: 35993

Ion Ratio Lower Upper

56 100

55 71.2 56.8 85.2



#14

Allyl chloride

Concen: 54.375 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY013017.D

Acq: 20 Mar 2023 18:47

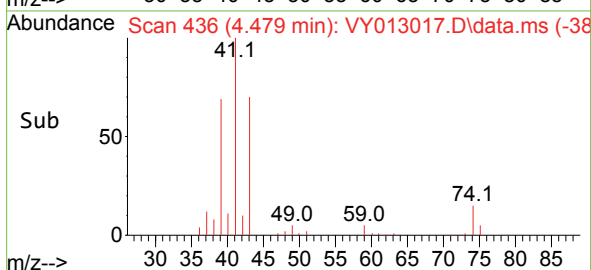
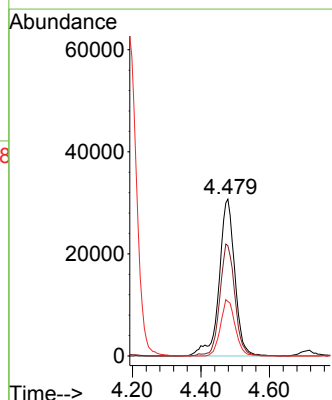
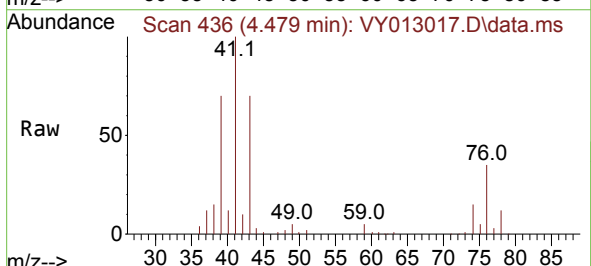
Tgt Ion: 41 Resp: 97315

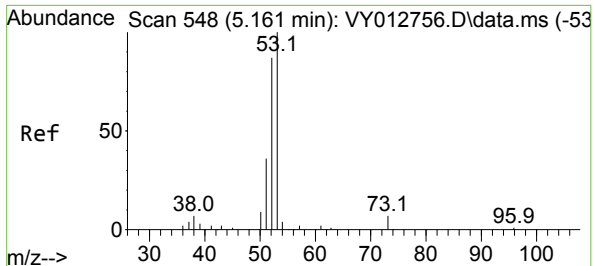
Ion Ratio Lower Upper

41 100

39 68.4 53.6 80.4

76 33.6 27.2 40.8





#15

Acrylonitrile

Concen: 309.089 ug/l

RT: 5.155 min Scan# 54

Delta R.T. -0.006 min

Lab File: VY013017.D

Acq: 20 Mar 2023 18:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

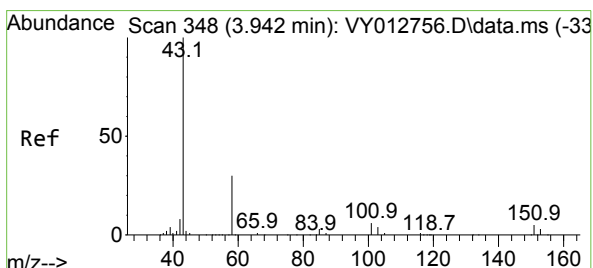
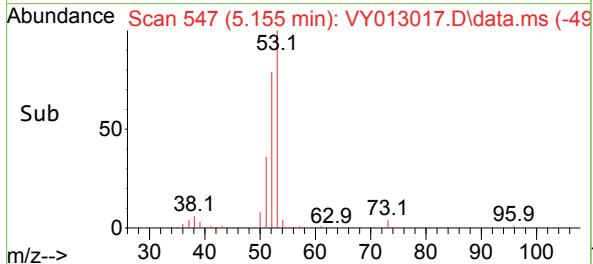
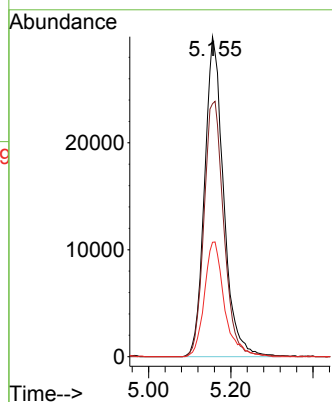
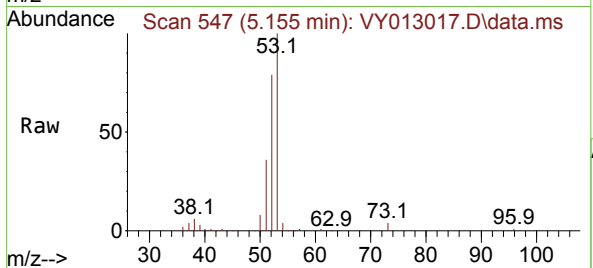
Tgt Ion: 53 Resp: 96366

Ion Ratio Lower Upper

53 100

52 82.6 66.3 99.5

51 37.7 28.8 43.2



#16

Acetone

Concen: 279.325 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY013017.D

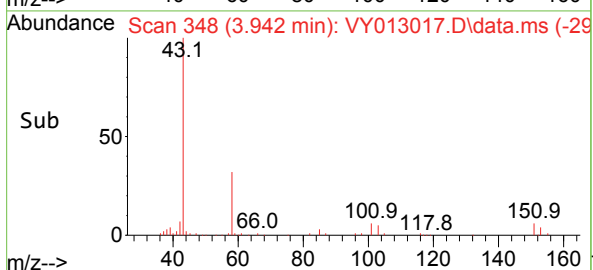
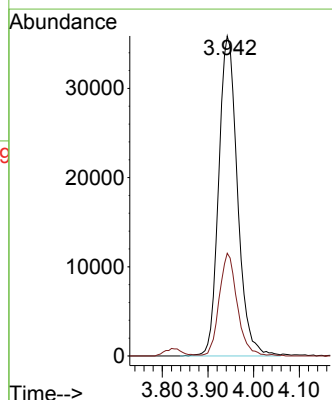
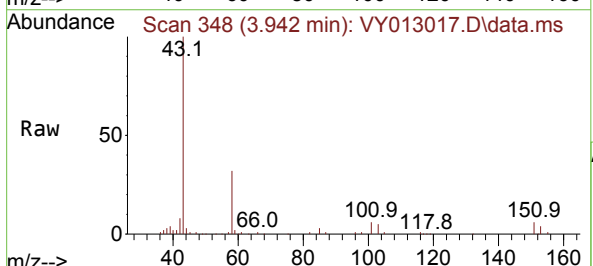
Acq: 20 Mar 2023 18:47

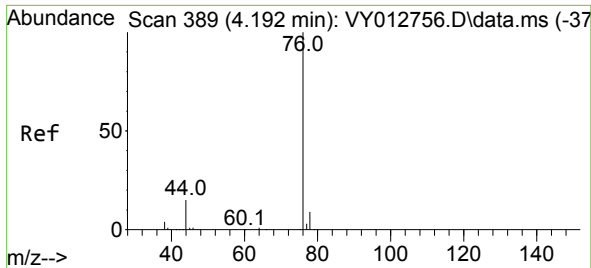
Tgt Ion: 43 Resp: 102419

Ion Ratio Lower Upper

43 100

58 31.9 24.2 36.2

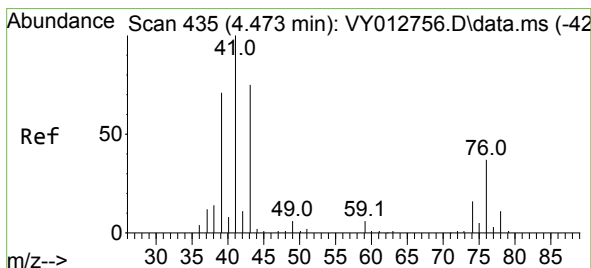
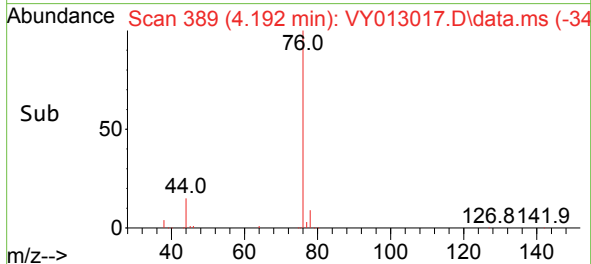
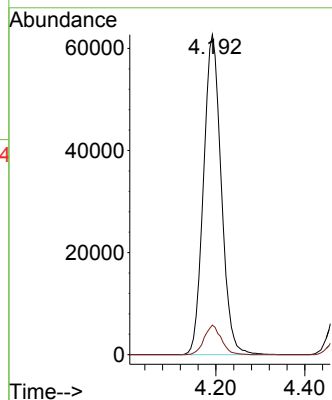
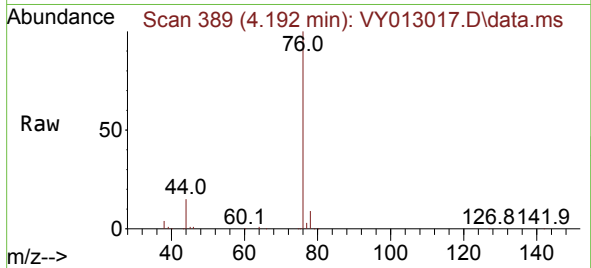




#17
Carbon Disulfide
Concen: 52.755 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY013017.D
Acq: 20 Mar 2023 18:47

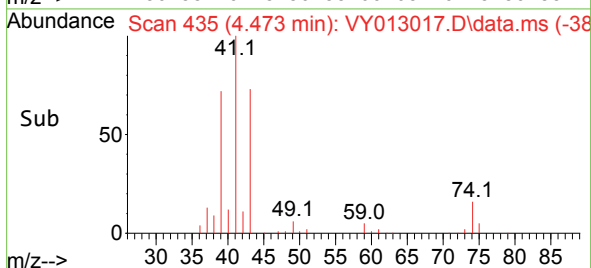
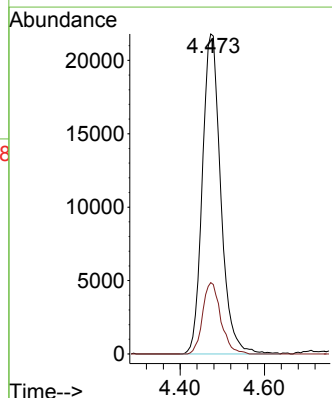
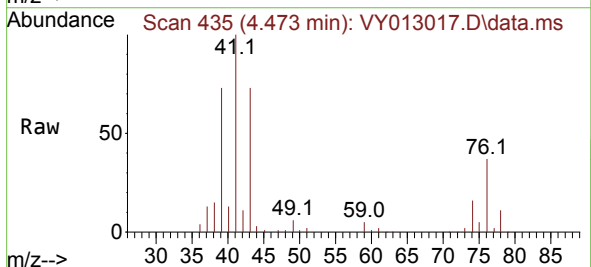
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

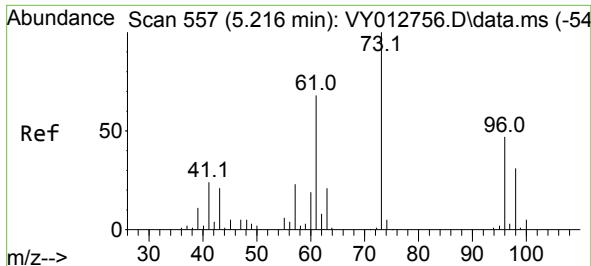
Tgt Ion: 76 Resp: 173980
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



#18
Methyl Acetate
Concen: 60.668 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY013017.D
Acq: 20 Mar 2023 18:47

Tgt Ion: 43 Resp: 66244
Ion Ratio Lower Upper
43 100
74 21.9 17.4 26.0

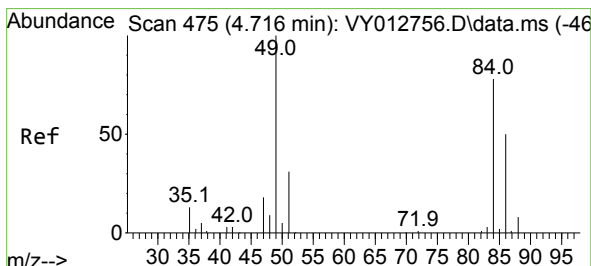
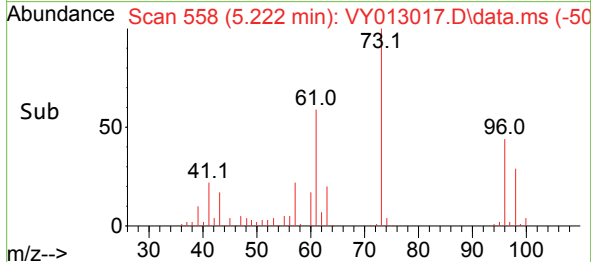
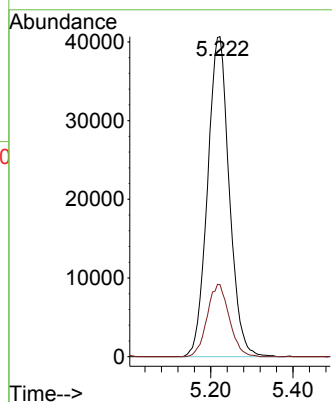
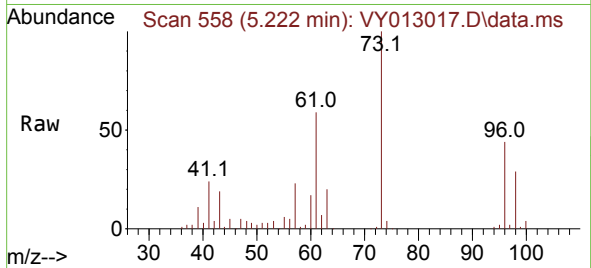




#19
Methyl tert-butyl Ether
Concen: 59.564 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013017.D
Acq: 20 Mar 2023 18:47

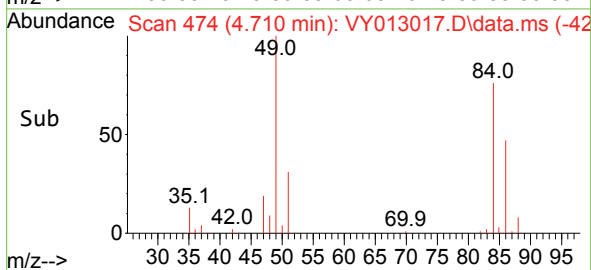
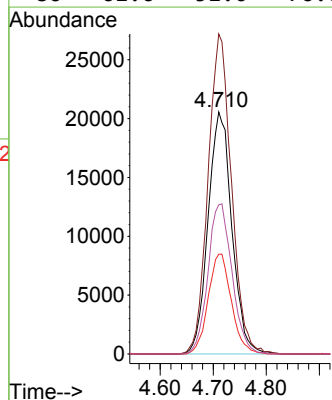
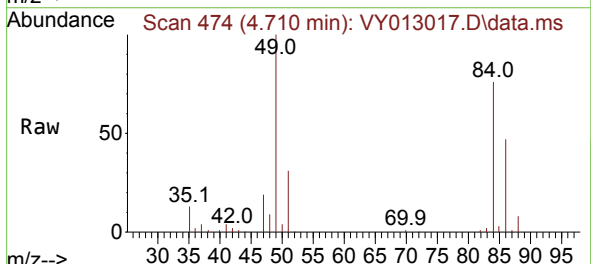
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

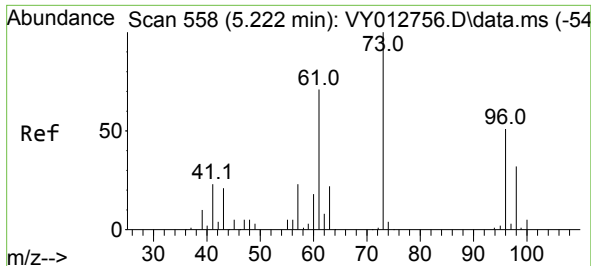
Tgt Ion: 73 Resp: 149063
Ion Ratio Lower Upper
73 100
57 22.5 18.3 27.5



#20
Methylene Chloride
Concen: 58.171 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013017.D
Acq: 20 Mar 2023 18:47

Tgt Ion: 84 Resp: 64105
Ion Ratio Lower Upper
84 100
49 132.2 102.6 154.0
51 41.2 31.9 47.9
86 61.6 51.0 76.6

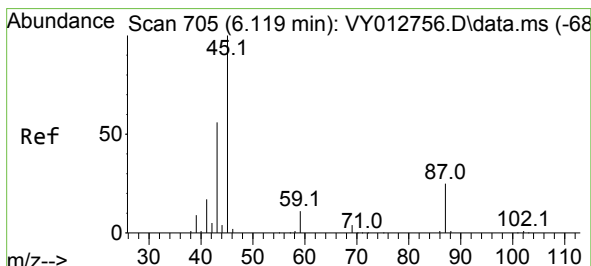
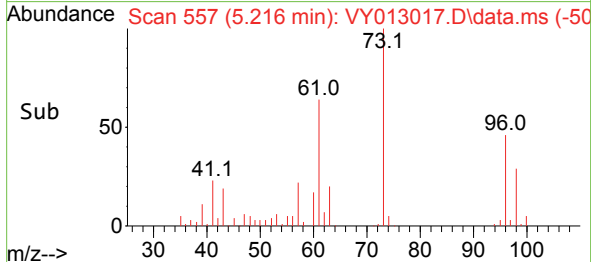
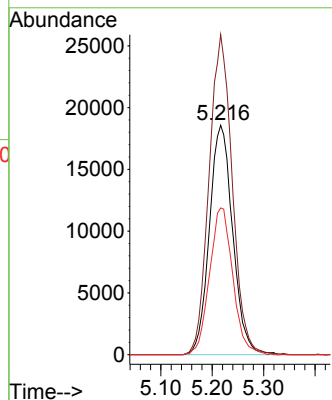
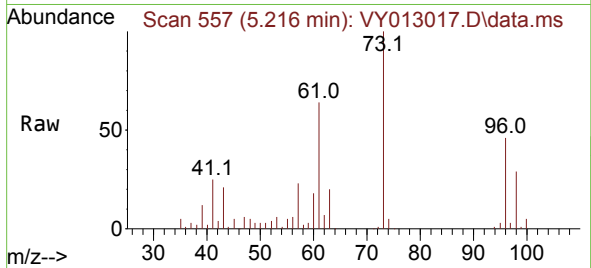




#21
trans-1,2-Dichloroethene
Concen: 55.641 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013017.D
Acq: 20 Mar 2023 18:47

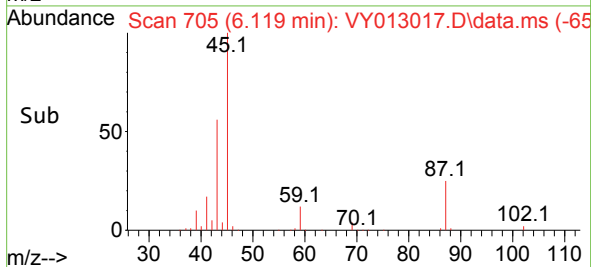
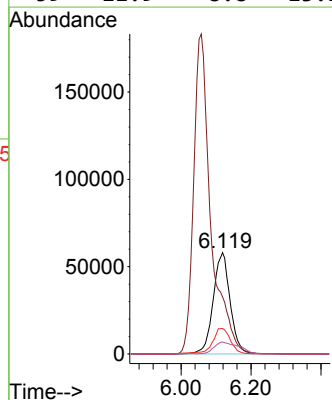
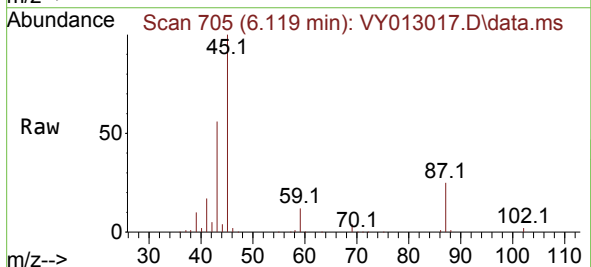
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

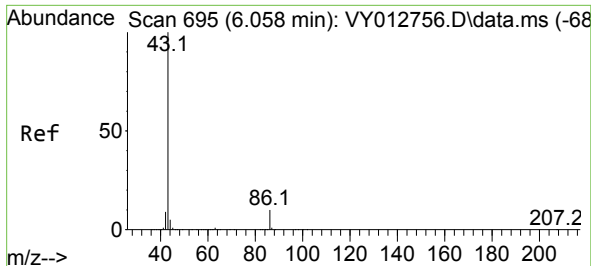
Tgt Ion: 96 Resp: 58584
Ion Ratio Lower Upper
96 100
61 139.4 111.4 167.0
98 64.0 50.8 76.2



#22
Diisopropyl ether
Concen: 59.980 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY013017.D
Acq: 20 Mar 2023 18:47

Tgt Ion: 45 Resp: 194974
Ion Ratio Lower Upper
45 100
43 56.0 45.0 67.6
87 25.3 20.3 30.5
59 11.9 8.8 13.2

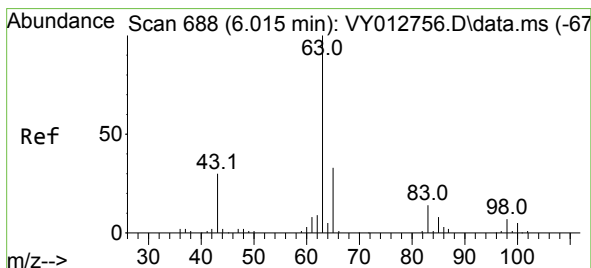
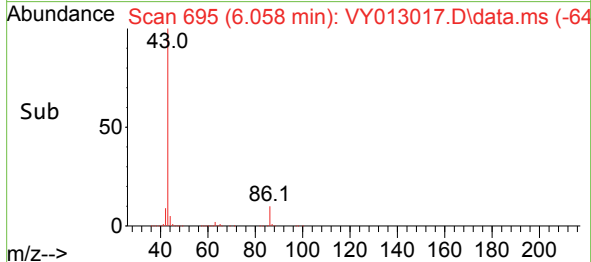
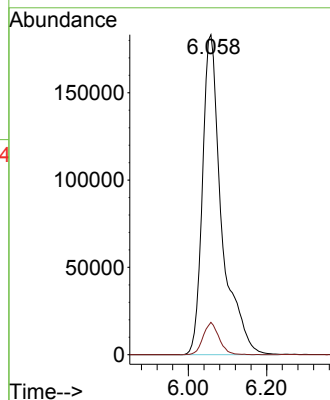
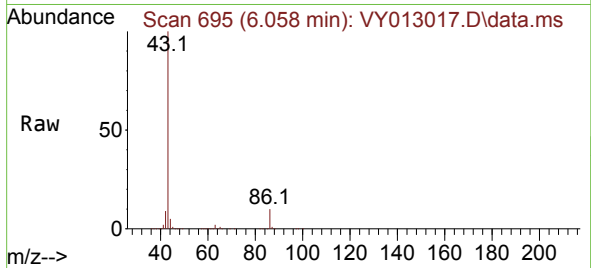




#23
 Vinyl Acetate
 Concen: 308.848 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY013017.D
 Acq: 20 Mar 2023 18:47

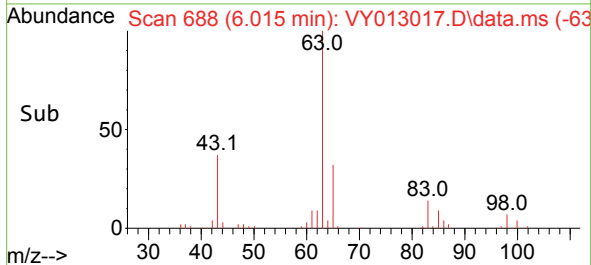
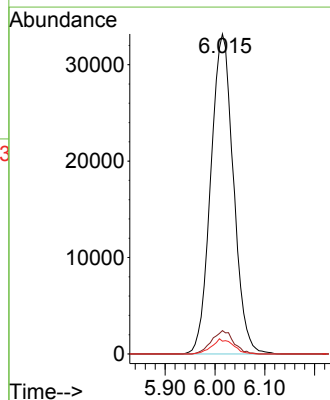
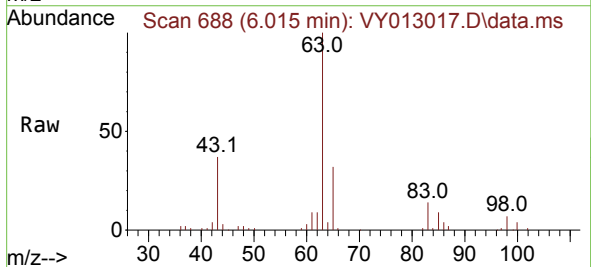
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

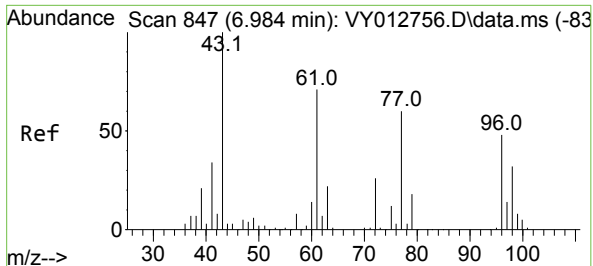
Tgt Ion: 43 Resp: 623800
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 56.524 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013017.D
 Acq: 20 Mar 2023 18:47

Tgt Ion: 63 Resp: 104700
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.7 11.1
 100 4.0 2.3 6.8





#25

2-Butanone

Concen: 304.869 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013017.D

Acq: 20 Mar 2023 18:47

Instrument :

MSVOA_Y

ClientSampleId :

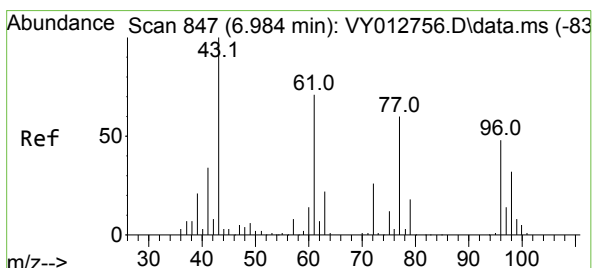
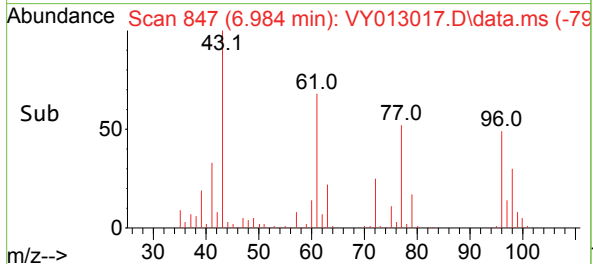
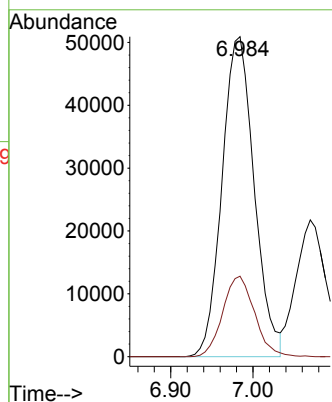
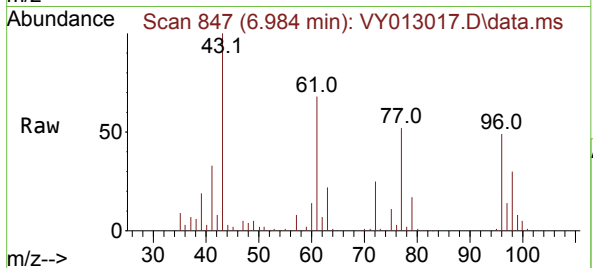
VSTDCCC050EC

Tgt Ion: 43 Resp: 138455

Ion Ratio Lower Upper

43 100

72 25.2 21.0 31.4



#26

2,2-Dichloropropane

Concen: 52.568 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY013017.D

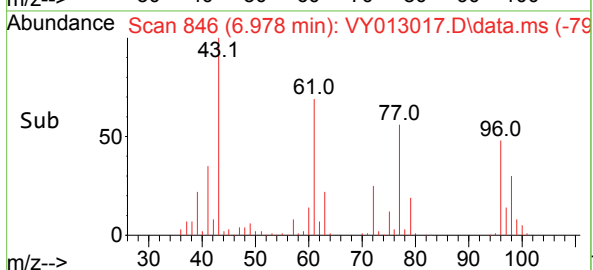
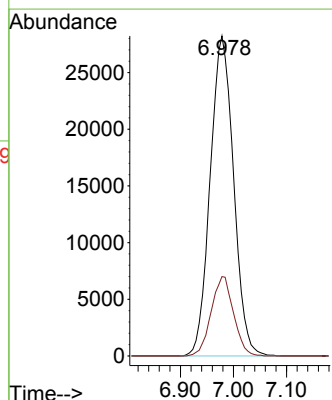
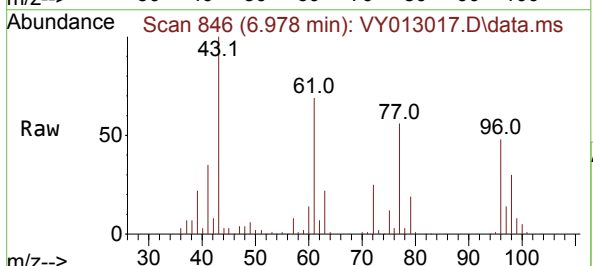
Acq: 20 Mar 2023 18:47

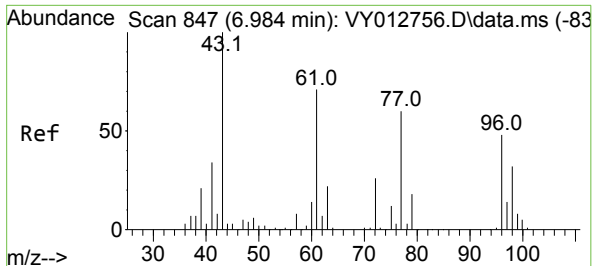
Tgt Ion: 77 Resp: 86482

Ion Ratio Lower Upper

77 100

97 23.7 11.7 35.0

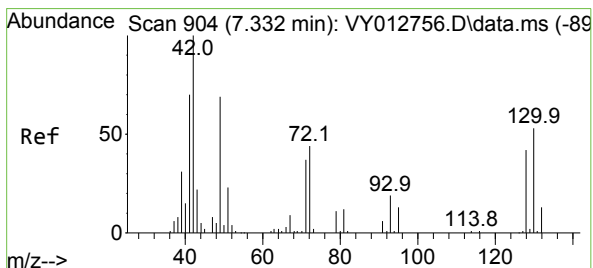
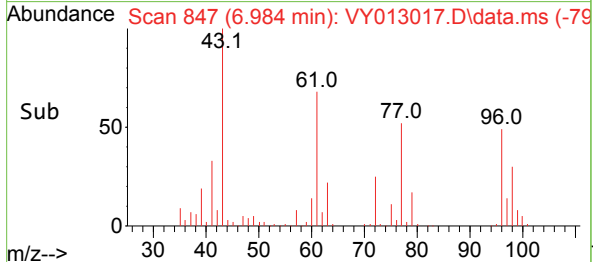
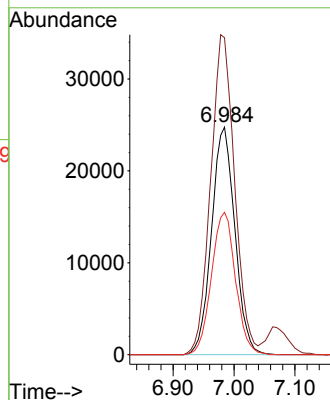
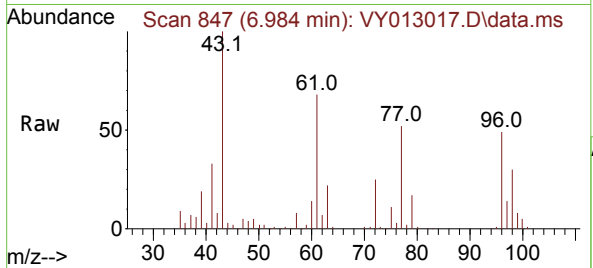




#27
 cis-1,2-Dichloroethene
 Concen: 58.439 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY013017.D
 Acq: 20 Mar 2023 18:47

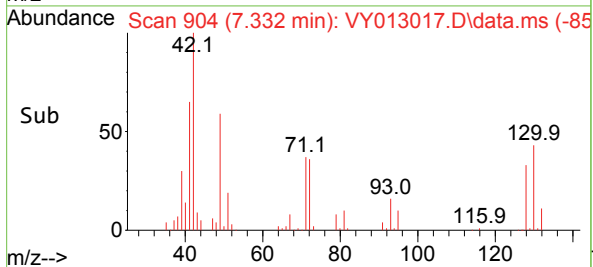
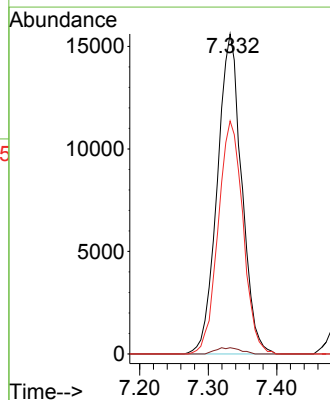
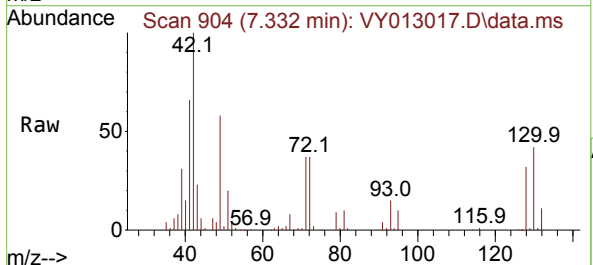
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 65968
 Ion Ratio Lower Upper
 96 100
 61 144.2 0.0 295.8
 98 64.3 0.0 130.2



#28
 Bromochloromethane
 Concen: 56.855 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY013017.D
 Acq: 20 Mar 2023 18:47

Tgt Ion: 49 Resp: 38486
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.2
 130 74.3 60.5 90.7





#29

Tetrahydrofuran

Concen: 324.357 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY013017.D

Acq: 20 Mar 2023 18:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

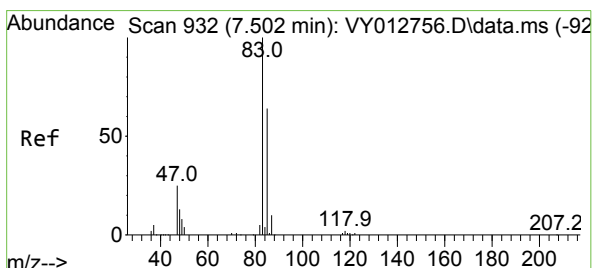
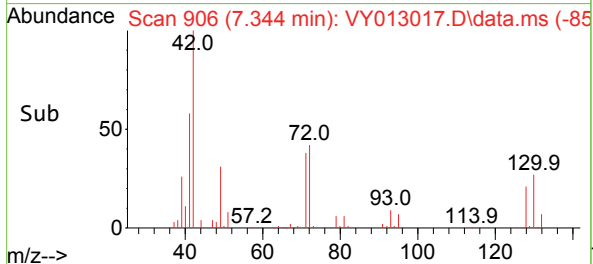
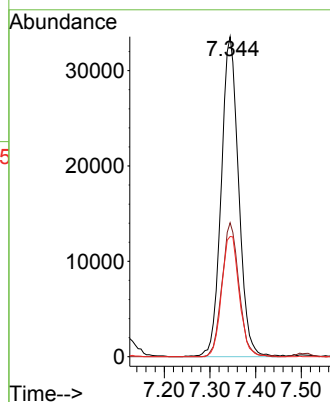
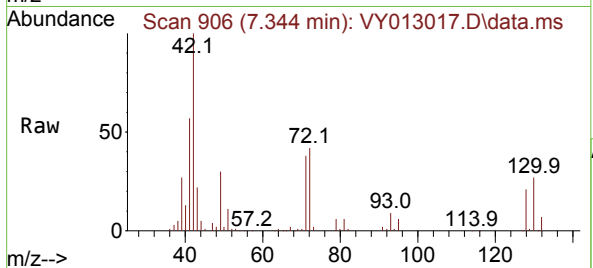
Tgt Ion: 42 Resp: 88843

Ion Ratio Lower Upper

42 100

72 40.7 32.3 48.5

71 38.0 30.3 45.5



#30

Chloroform

Concen: 59.273 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.007 min

Lab File: VY013017.D

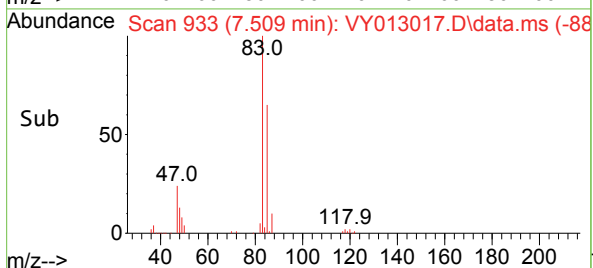
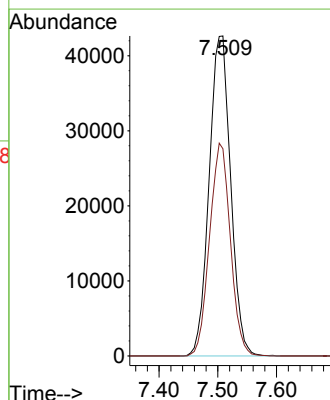
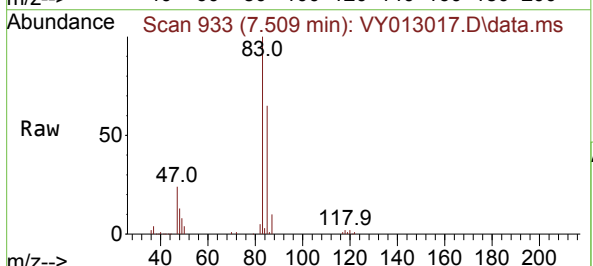
Acq: 20 Mar 2023 18:47

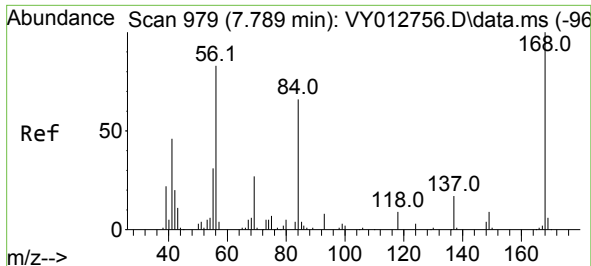
Tgt Ion: 83 Resp: 108448

Ion Ratio Lower Upper

83 100

85 64.8 51.4 77.0

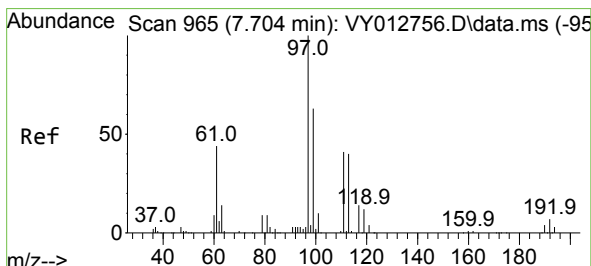
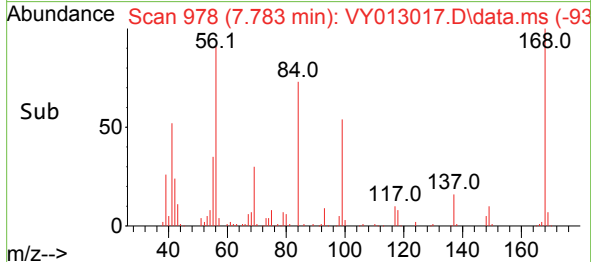
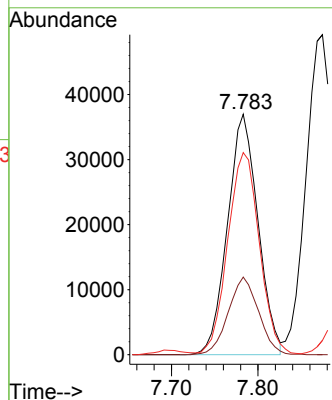
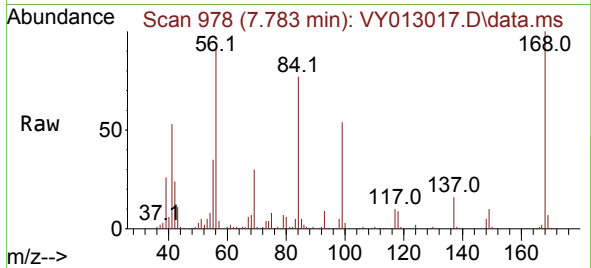




#31
Cyclohexane
Concen: 50.527 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013017.D
Acq: 20 Mar 2023 18:47

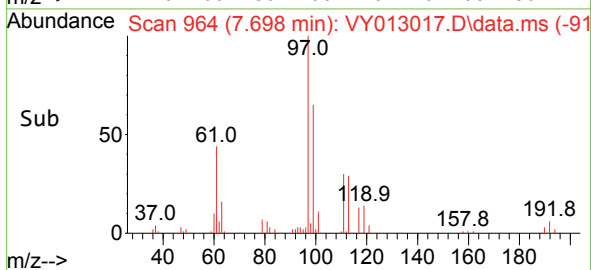
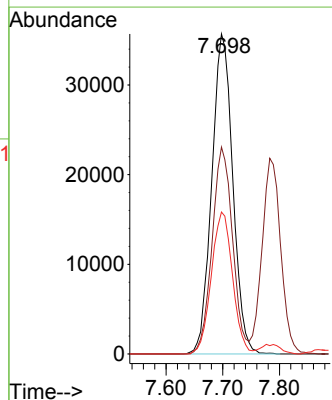
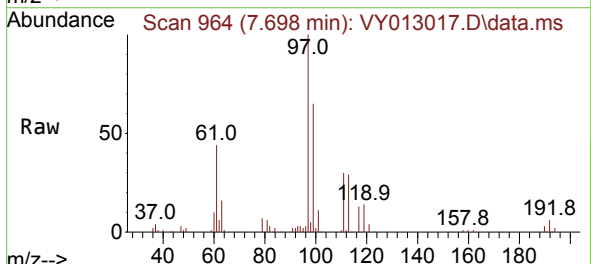
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

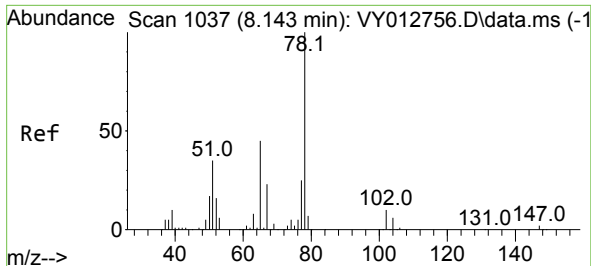
Tgt Ion: 56 Resp: 90398
Ion Ratio Lower Upper
56 100
69 32.3 25.7 38.5
84 82.8 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 55.506 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY013017.D
Acq: 20 Mar 2023 18:47

Tgt Ion: 97 Resp: 91840
Ion Ratio Lower Upper
97 100
99 63.2 51.0 76.6
61 44.8 34.5 51.7

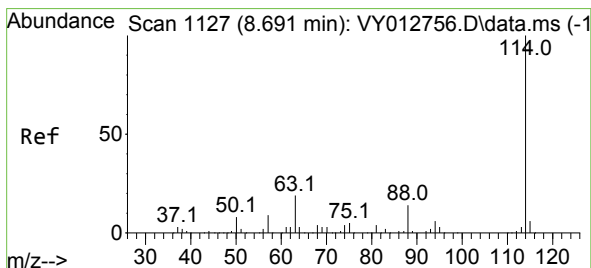
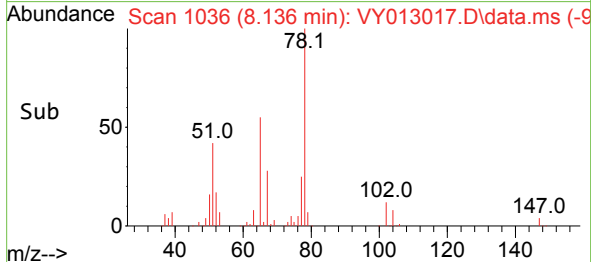
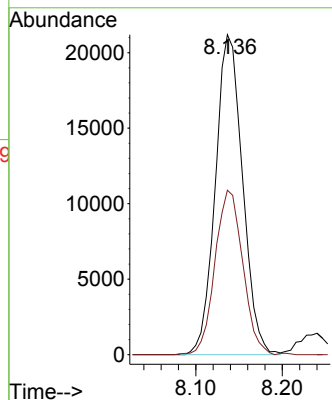
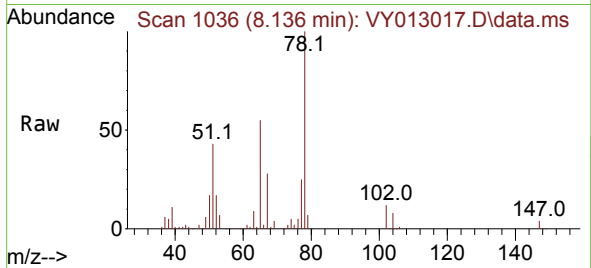




#33
 1,2-Dichloroethane-d4
 Concen: 49.527 ug/l
 RT: 8.136 min Scan# 1103
 Delta R.T. -0.007 min
 Lab File: VY013017.D
 Acq: 20 Mar 2023 18:47

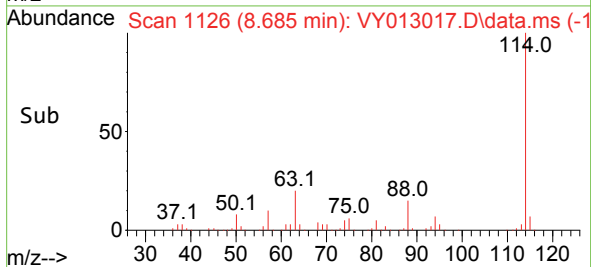
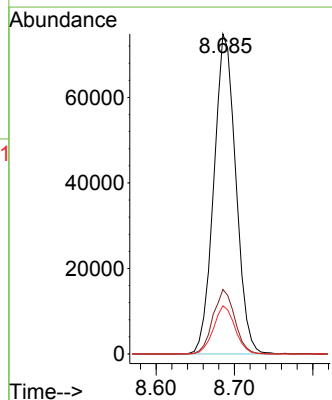
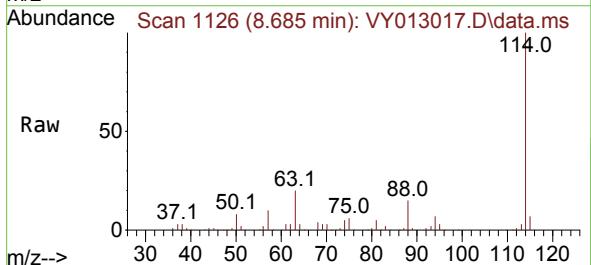
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 46266
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY013017.D
 Acq: 20 Mar 2023 18:47

Tgt Ion: 114 Resp: 145973
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 37.4
 88 15.0 0.0 28.6

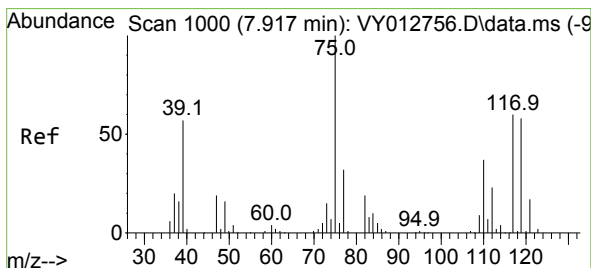
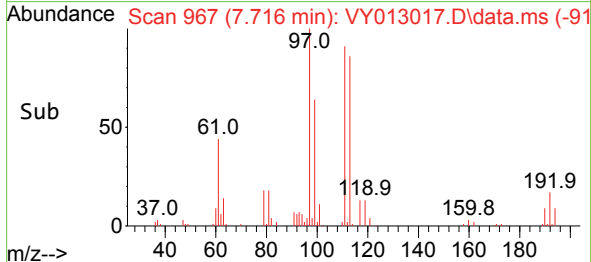
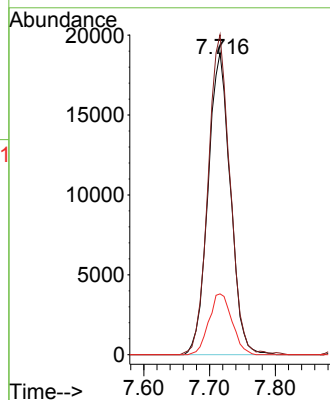
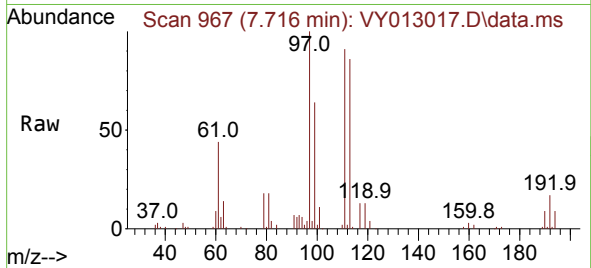




#35
Dibromofluoromethane
Concen: 50.715 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY013017.D
Acq: 20 Mar 2023 18:47

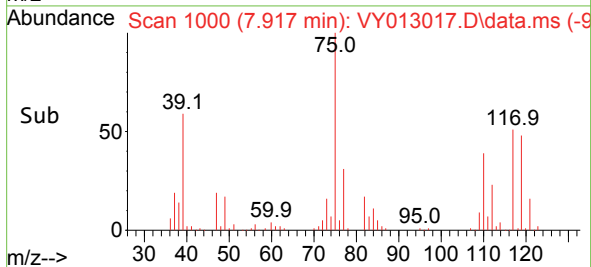
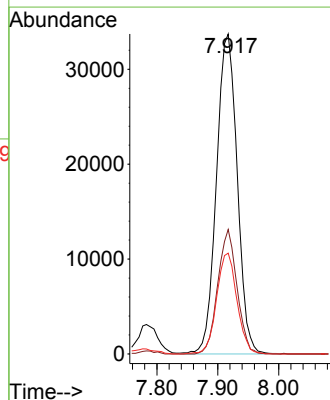
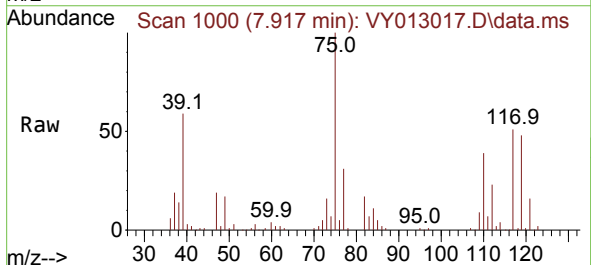
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

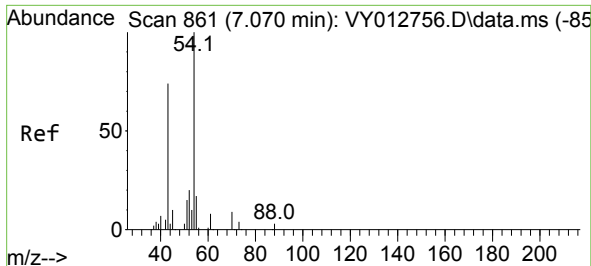
Tgt Ion:113 Resp: 44677
Ion Ratio Lower Upper
113 100
111 104.3 82.2 123.2
192 20.8 16.8 25.2



#36
1,1-Dichloropropene
Concen: 54.106 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY013017.D
Acq: 20 Mar 2023 18:47

Tgt Ion: 75 Resp: 79875
Ion Ratio Lower Upper
75 100
110 36.1 17.8 53.3
77 30.9 25.0 37.4

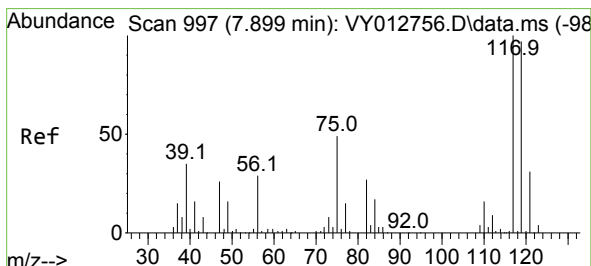
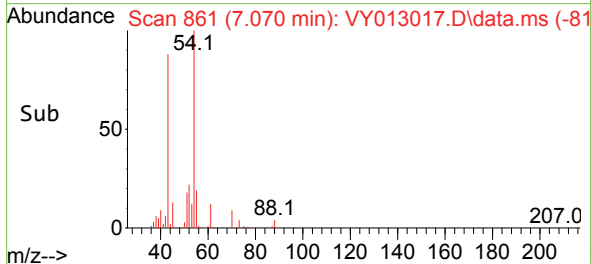
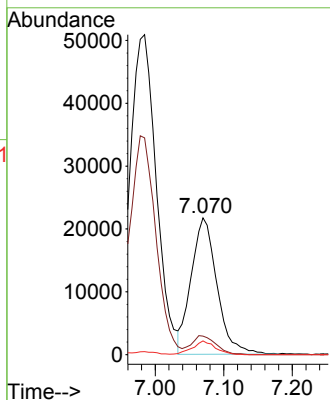
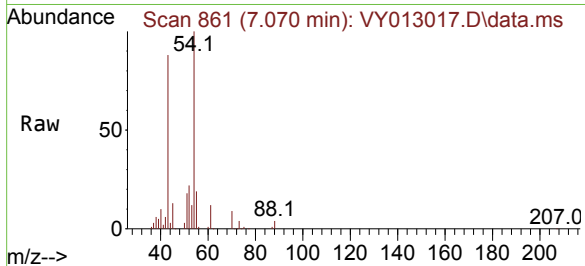




#37
Ethyl Acetate
Concen: 61.093 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY013017.D
Acq: 20 Mar 2023 18:47

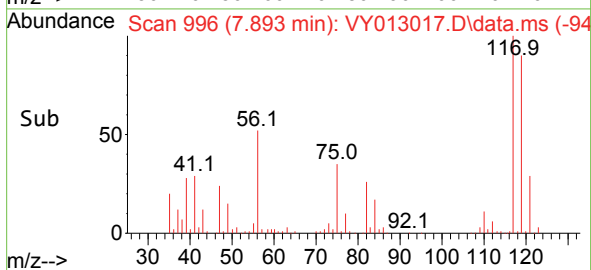
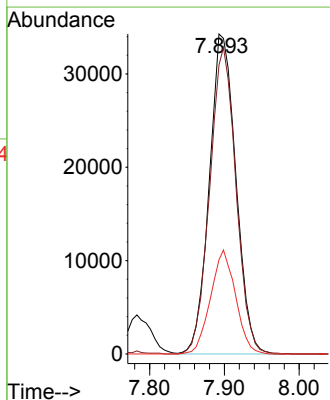
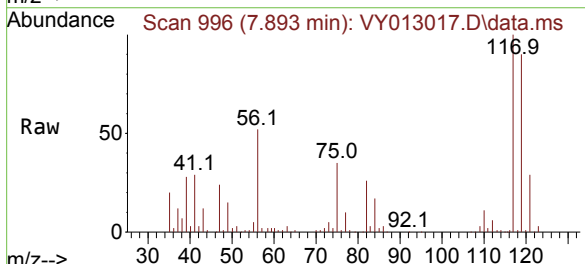
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 56845
Ion Ratio Lower Upper
43 100
61 13.3 10.7 16.1
70 9.0 7.8 11.8



#38
Carbon Tetrachloride
Concen: 55.502 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY013017.D
Acq: 20 Mar 2023 18:47

Tgt Ion: 117 Resp: 84612
Ion Ratio Lower Upper
117 100
119 90.3 77.2 115.8
121 29.4 24.7 37.1





#39

Methylcyclohexane

Concen: 53.555 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013017.D

Acq: 20 Mar 2023 18:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

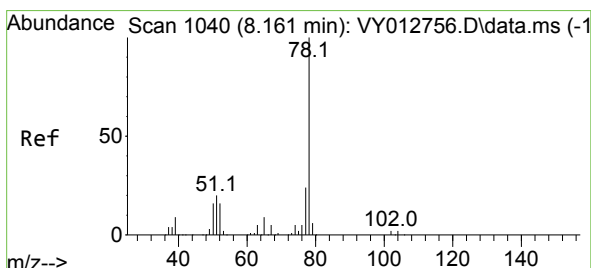
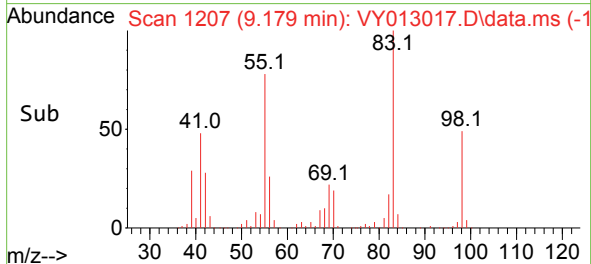
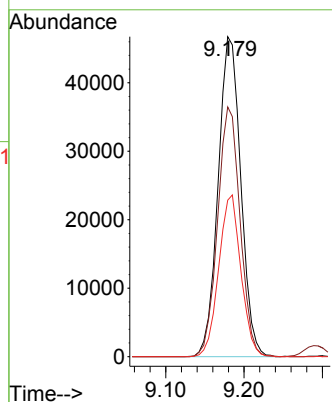
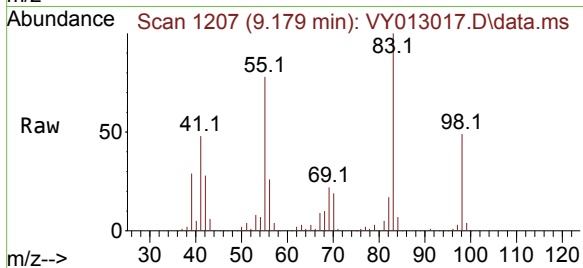
Tgt Ion: 83 Resp: 93995

Ion Ratio Lower Upper

83 100

55 78.0 60.0 90.0

98 48.9 38.3 57.5



#40

Benzene

Concen: 56.756 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY013017.D

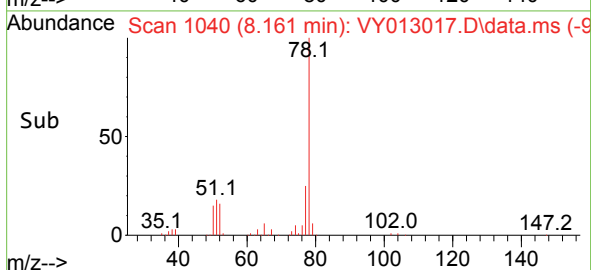
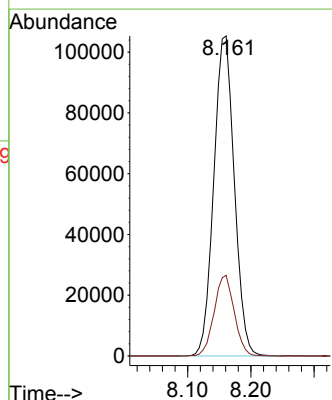
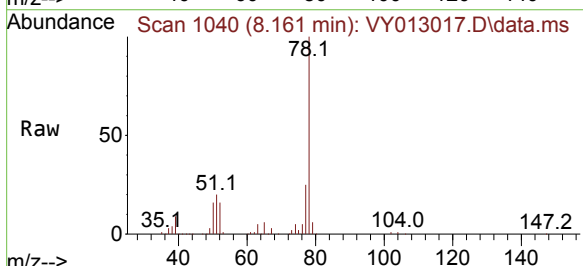
Acq: 20 Mar 2023 18:47

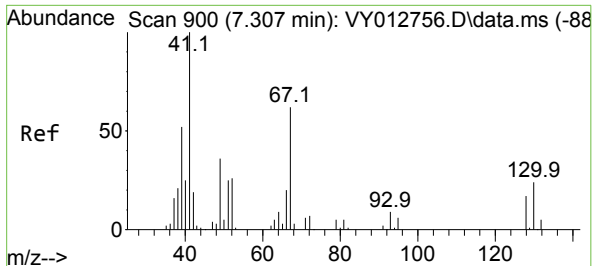
Tgt Ion: 78 Resp: 237011

Ion Ratio Lower Upper

78 100

77 25.2 19.4 29.0

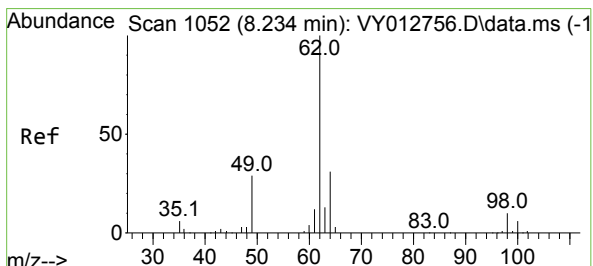
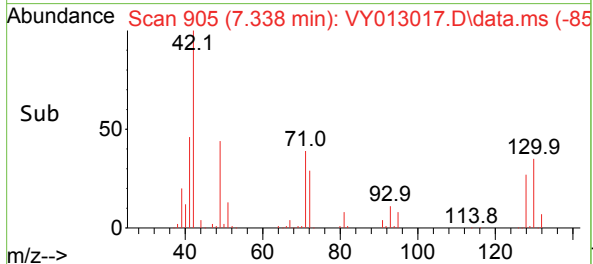
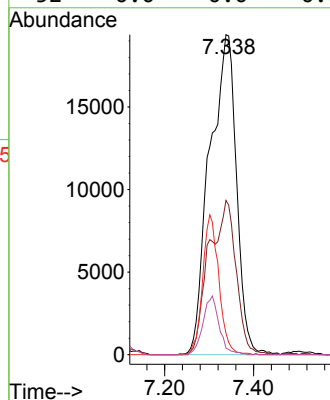
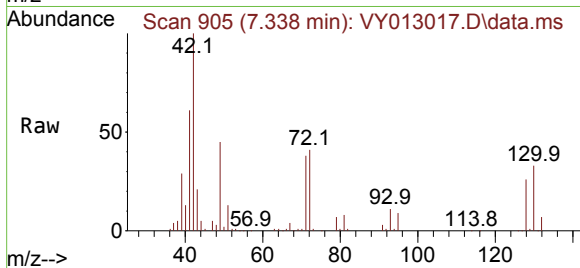




#41
Methacrylonitrile
Concen: 161.243 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.031 min
Lab File: VY013017.D
Acq: 20 Mar 2023 18:47

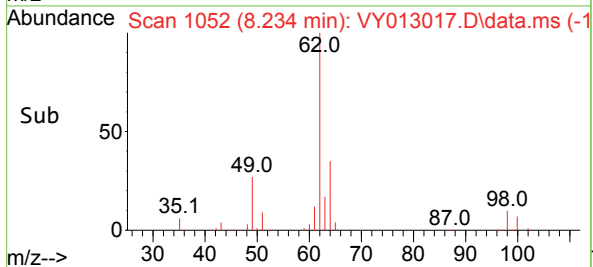
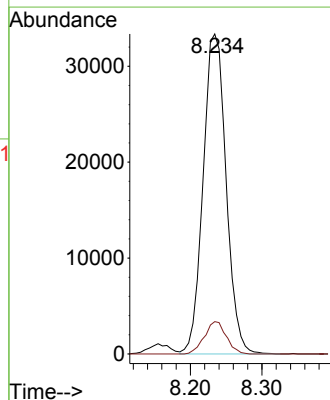
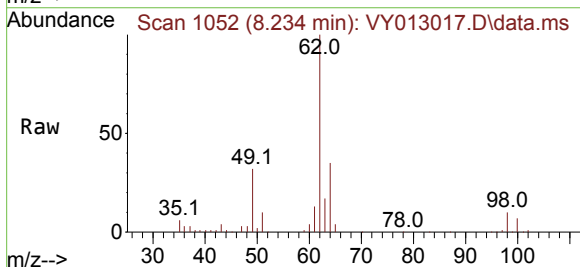
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

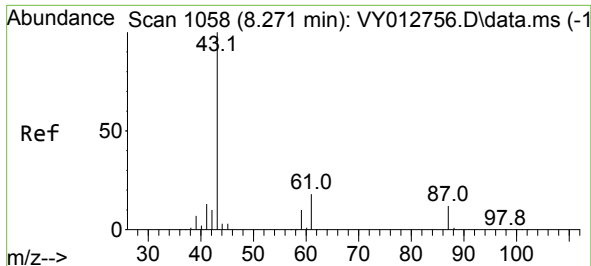
Tgt Ion:	41	Resp:	80833
Ion	Ratio	Lower	Upper
41	100		
39	28.1	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 59.434 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013017.D
Acq: 20 Mar 2023 18:47

Tgt Ion:	62	Resp:	74619
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.8

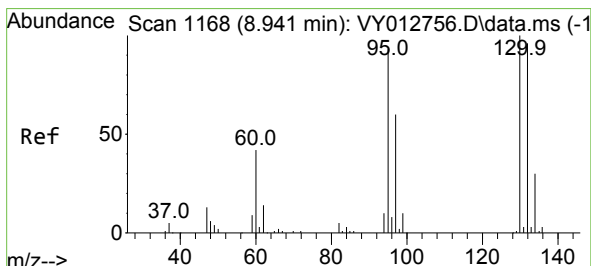
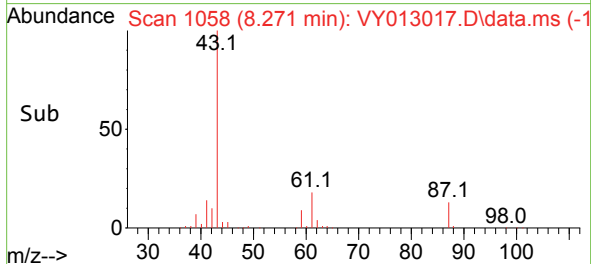
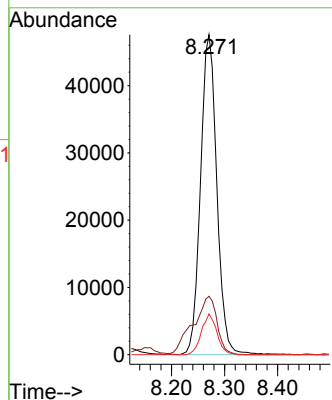
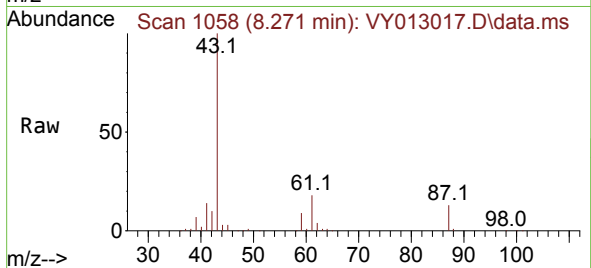




#43
Isopropyl Acetate
Concen: 61.134 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY013017.D
Acq: 20 Mar 2023 18:47

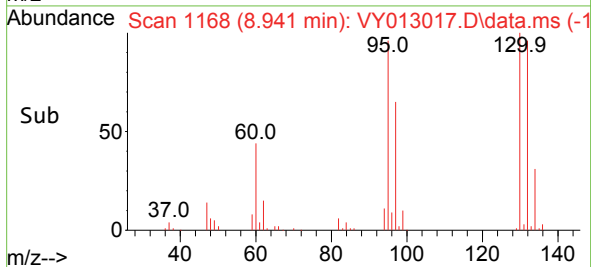
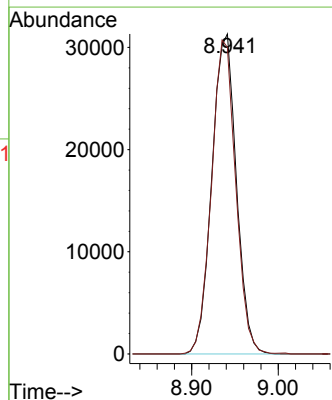
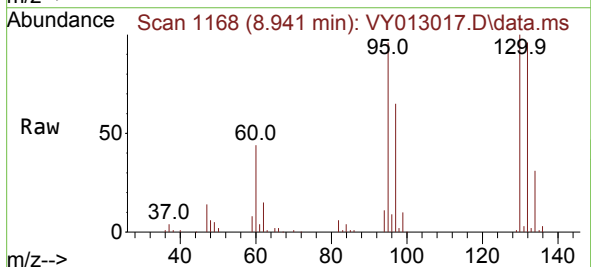
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

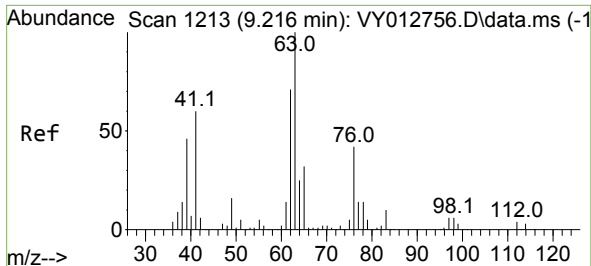
Tgt Ion: 43 Resp: 101487
Ion Ratio Lower Upper
43 100
61 26.8 21.6 32.4
87 12.1 9.9 14.9



#44
Trichloroethene
Concen: 55.799 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY013017.D
Acq: 20 Mar 2023 18:47

Tgt Ion: 130 Resp: 61435
Ion Ratio Lower Upper
130 100
95 95.8 0.0 185.0

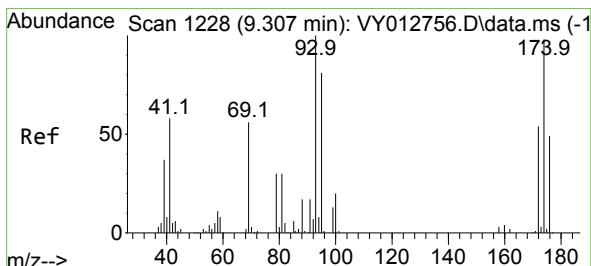
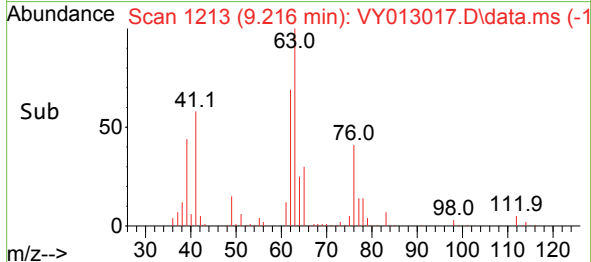
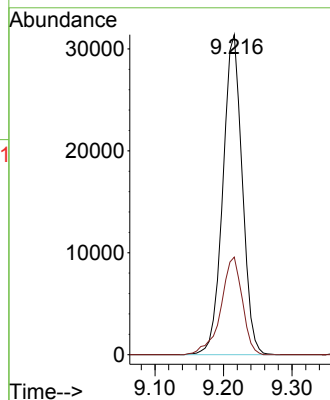
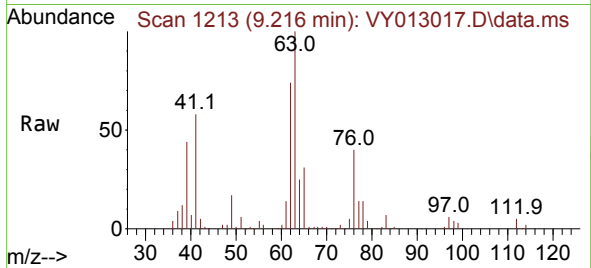




#45
1,2-Dichloropropane
Concen: 58.164 ug/l
RT: 9.216 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013017.D
Acq: 20 Mar 2023 18:47

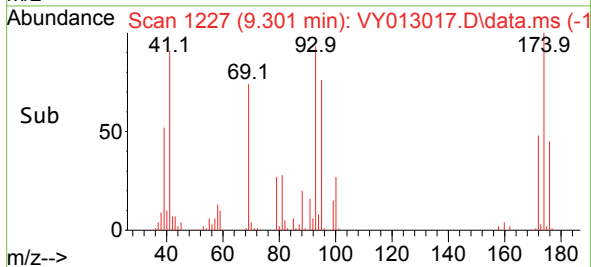
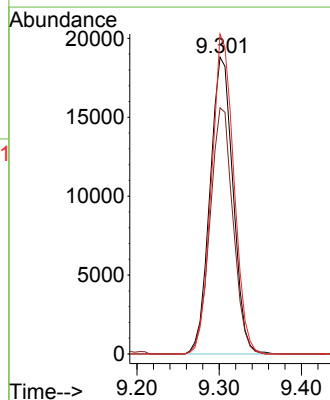
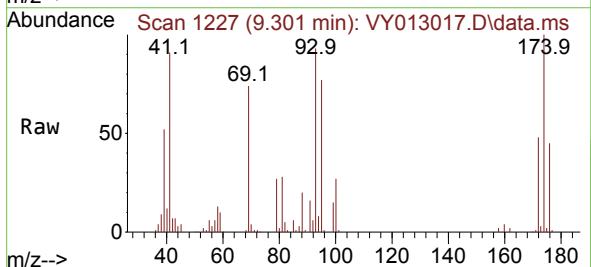
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

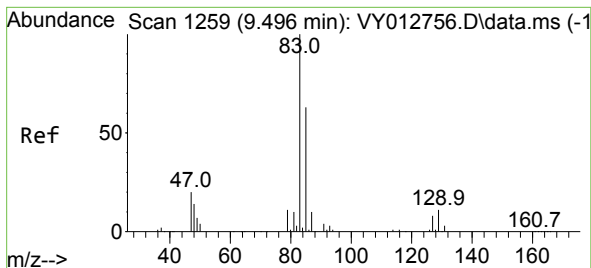
Tgt Ion: 63 Resp: 61385
Ion Ratio Lower Upper
63 100
65 30.5 25.7 38.5



#46
Dibromomethane
Concen: 61.013 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY013017.D
Acq: 20 Mar 2023 18:47

Tgt Ion: 93 Resp: 36684
Ion Ratio Lower Upper
93 100
95 82.3 65.6 98.4
174 104.1 81.3 121.9





#47

Bromodichloromethane

Concen: 59.400 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VY013017.D

Acq: 20 Mar 2023 18:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

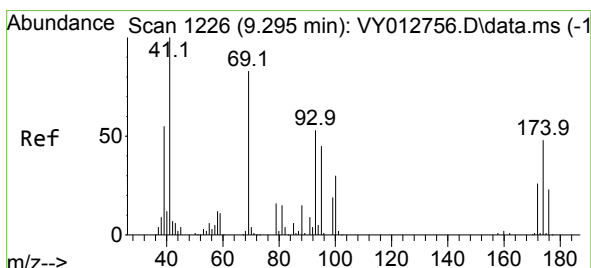
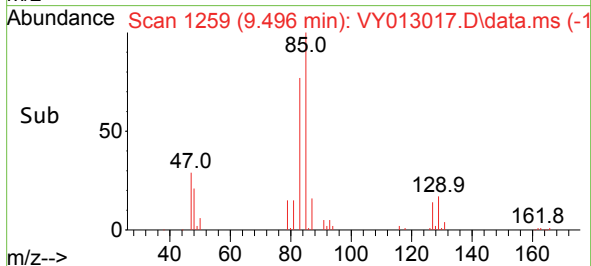
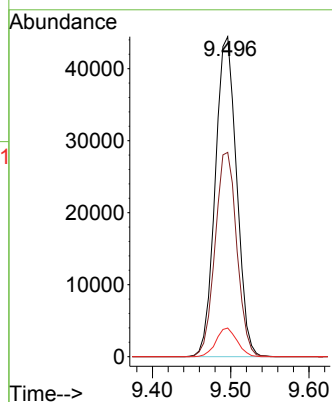
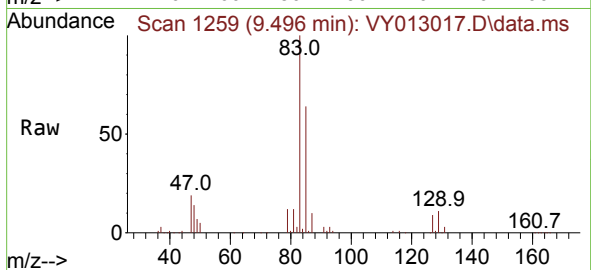
Tgt Ion: 83 Resp: 84162

Ion Ratio Lower Upper

83 100

85 63.8 50.2 75.4

127 9.0 6.3 9.5



#48

Methyl methacrylate

Concen: 61.586 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.006 min

Lab File: VY013017.D

Acq: 20 Mar 2023 18:47

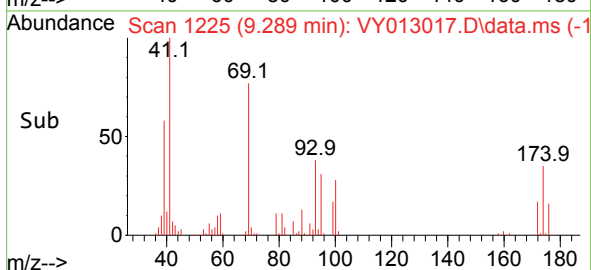
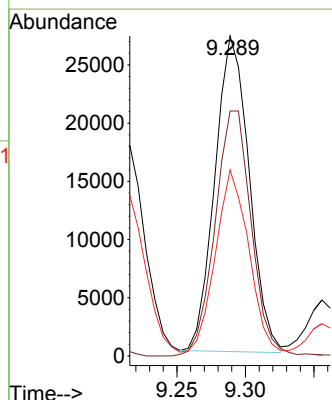
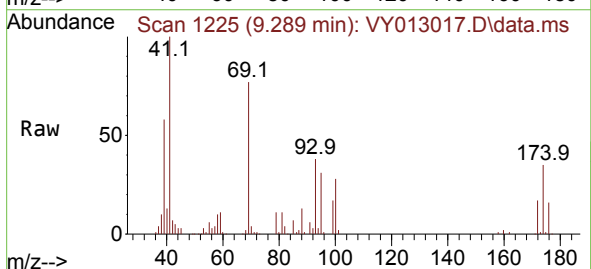
Tgt Ion: 41 Resp: 47108

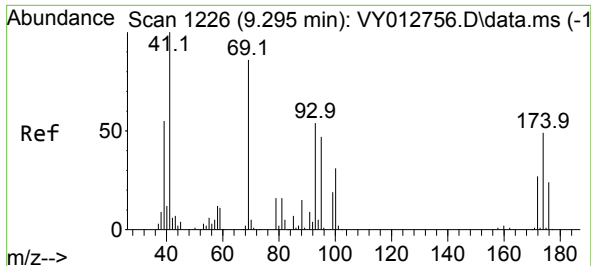
Ion Ratio Lower Upper

41 100

69 82.3 64.1 96.1

39 56.2 44.0 66.0





#49

1,4-Dioxane

Concen: 1370.444 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY013017.D

Acq: 20 Mar 2023 18:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

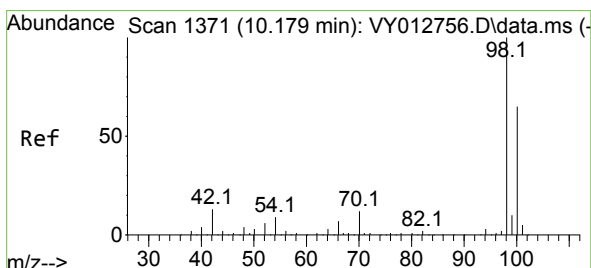
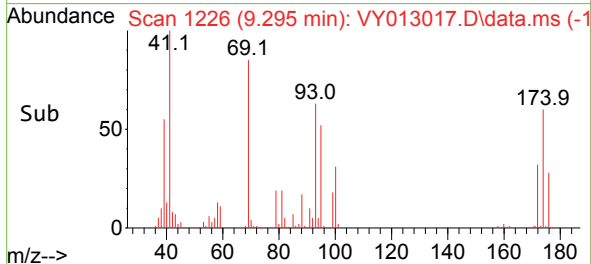
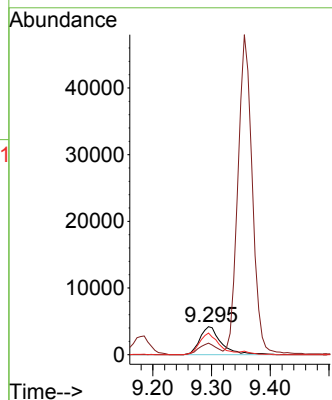
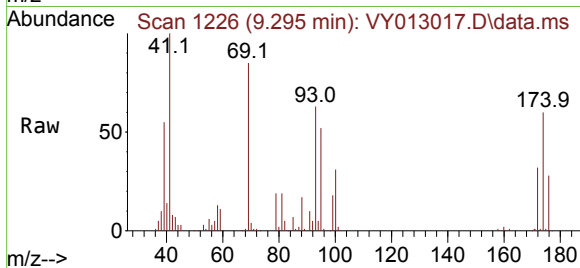
Tgt Ion: 88 Resp: 10652

Ion Ratio Lower Upper

88 100

43 34.2 28.6 42.8

58 69.5 55.2 82.8



#50

Toluene-d8

Concen: 45.332 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY013017.D

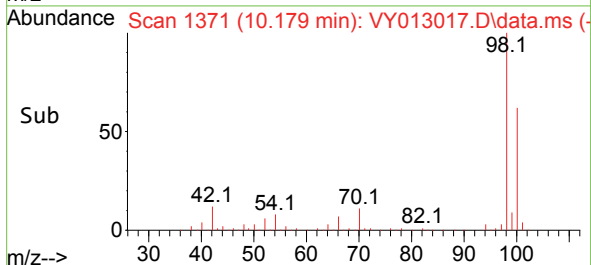
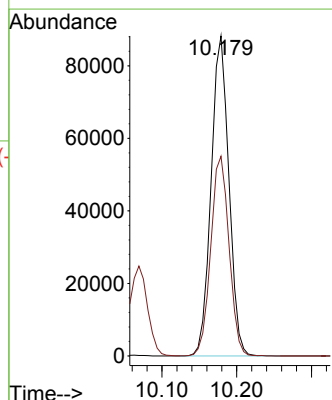
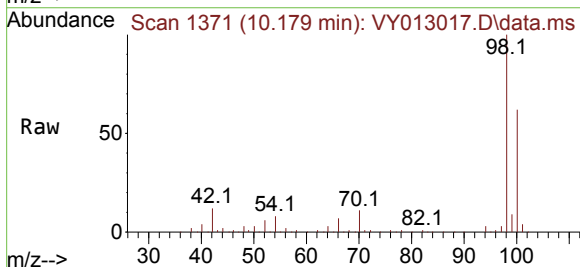
Acq: 20 Mar 2023 18:47

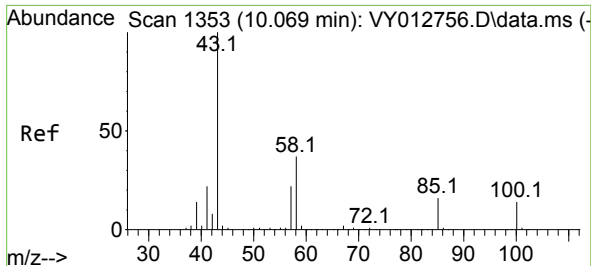
Tgt Ion: 98 Resp: 145996

Ion Ratio Lower Upper

98 100

100 64.2 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 324.928 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY013017.D

Acq: 20 Mar 2023 18:47

Instrument :

MSVOA_Y

ClientSampleId :

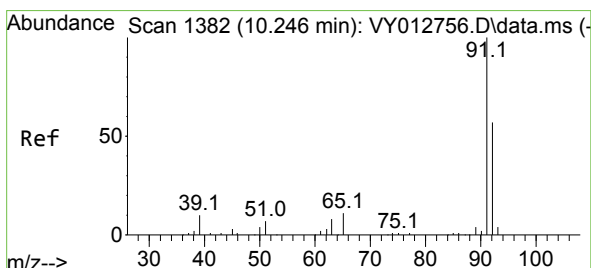
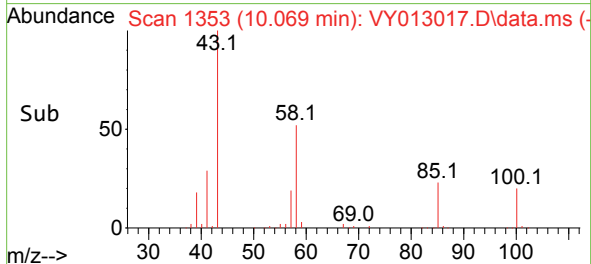
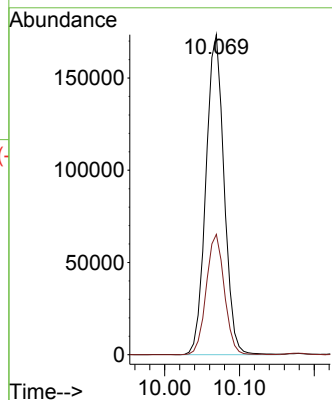
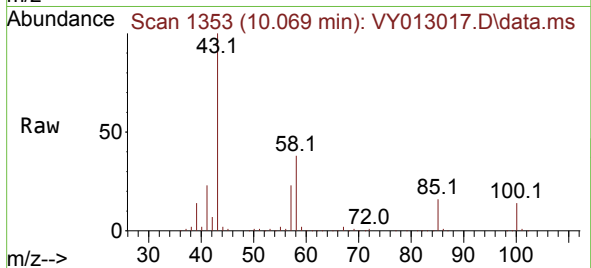
VSTDCCC050EC

Tgt Ion: 43 Resp: 292593

Ion Ratio Lower Upper

43 100

58 37.5 29.8 44.6



#52

Toluene

Concen: 58.644 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. -0.006 min

Lab File: VY013017.D

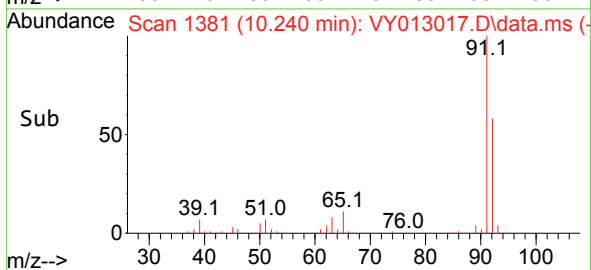
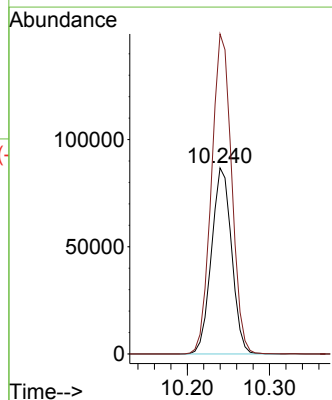
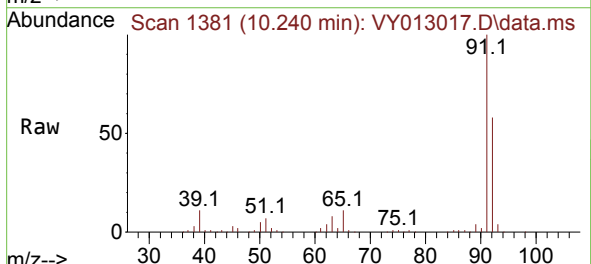
Acq: 20 Mar 2023 18:47

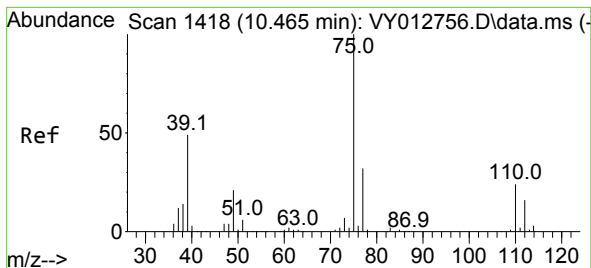
Tgt Ion: 92 Resp: 147693

Ion Ratio Lower Upper

92 100

91 172.5 141.3 211.9

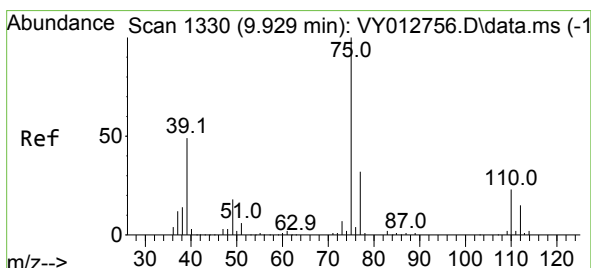
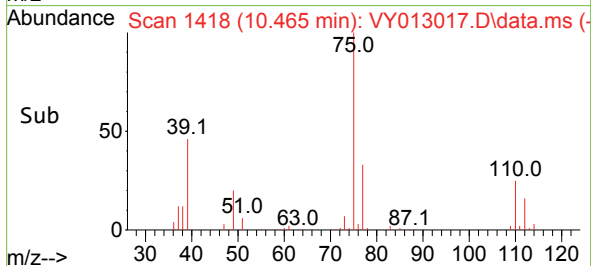
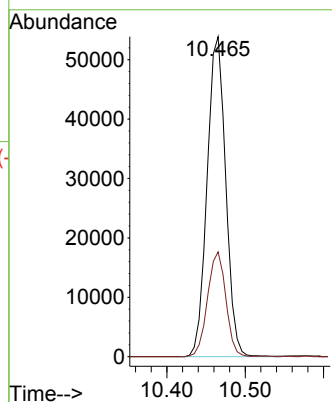
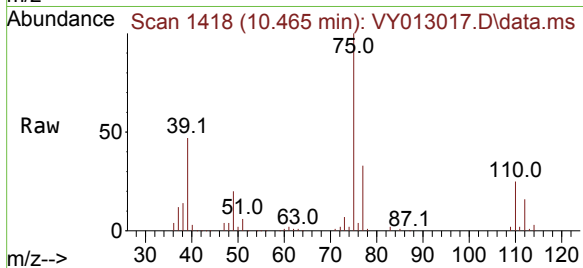




#53
 t-1,3-Dichloropropene
 Concen: 59.770 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY013017.D
 Acq: 20 Mar 2023 18:47

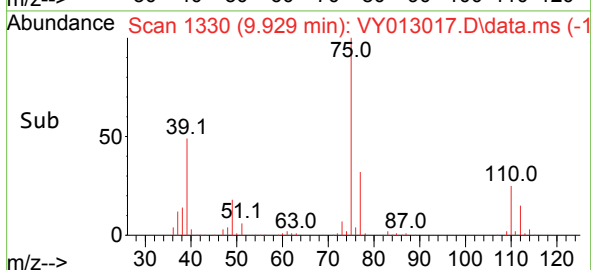
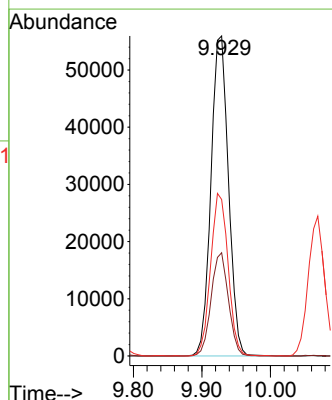
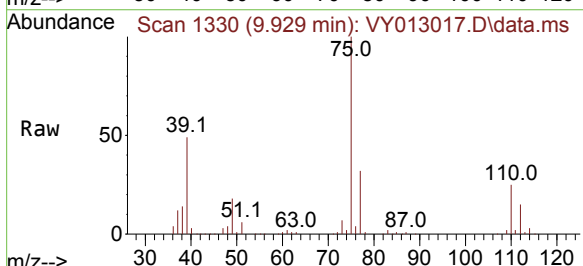
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

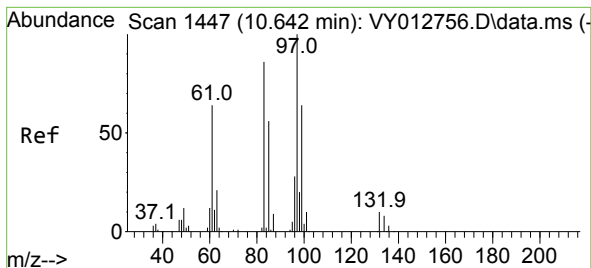
Tgt Ion: 75 Resp: 88827
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 58.913 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY013017.D
 Acq: 20 Mar 2023 18:47

Tgt Ion: 75 Resp: 99100
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.4 38.0
 39 48.9 39.0 58.4

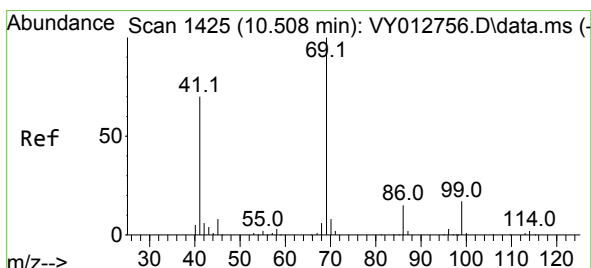
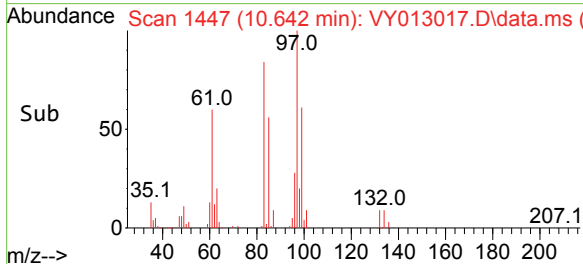
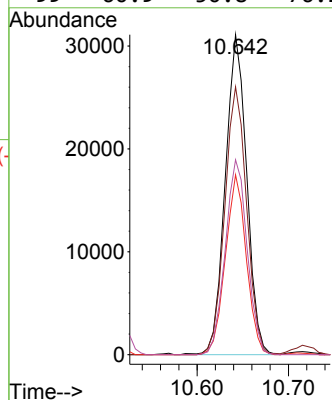
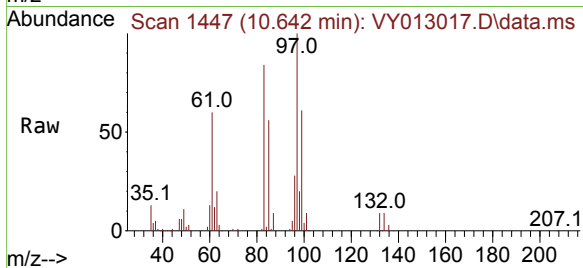




#55
1,1,2-Trichloroethane
Concen: 60.565 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY013017.D
Acq: 20 Mar 2023 18:47

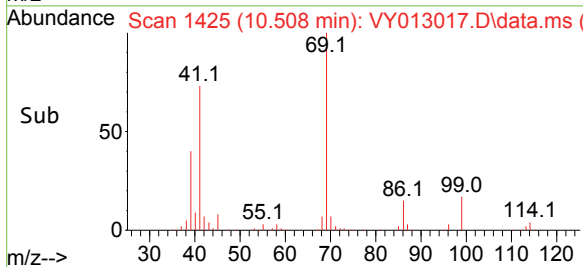
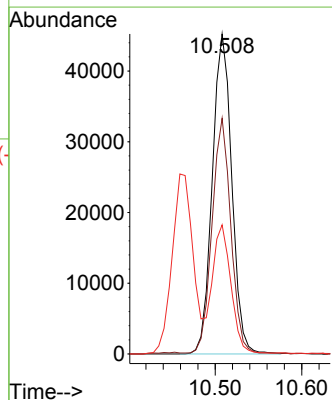
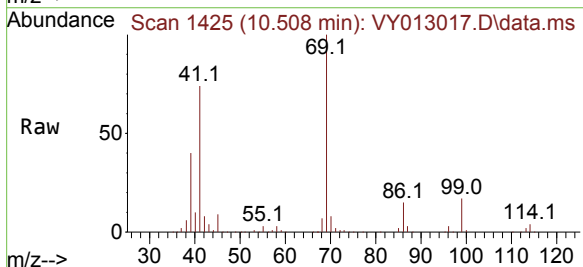
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

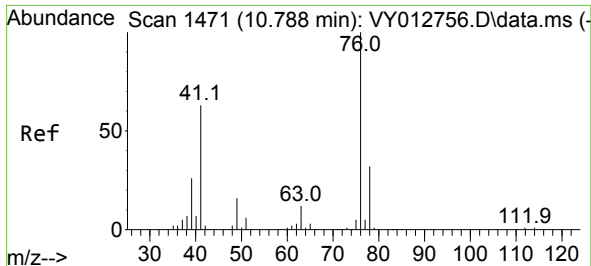
Tgt Ion:	97	Resp:	50713
Ion	Ratio	Lower	Upper
97	100		
83	83.7	69.0	103.6
85	56.2	44.9	67.3
99	60.9	50.8	76.2



#56
Ethyl methacrylate
Concen: 63.317 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY013017.D
Acq: 20 Mar 2023 18:47

Tgt Ion:	69	Resp:	70693
Ion	Ratio	Lower	Upper
69	100		
41	70.2	56.4	84.6
39	39.3	30.8	46.2





#57

1,3-Dichloropropane

Concen: 60.200 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013017.D

Acq: 20 Mar 2023 18:47

Instrument :

MSVOA_Y

ClientSampleId :

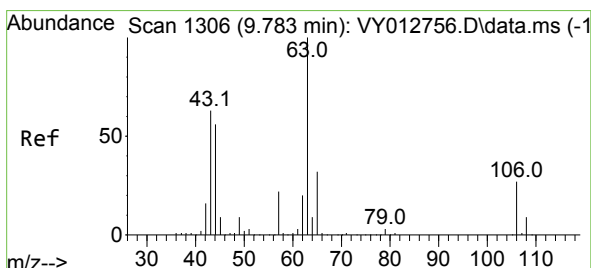
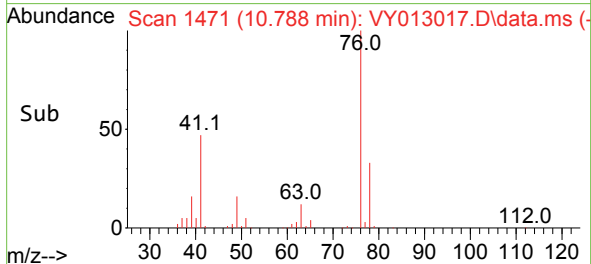
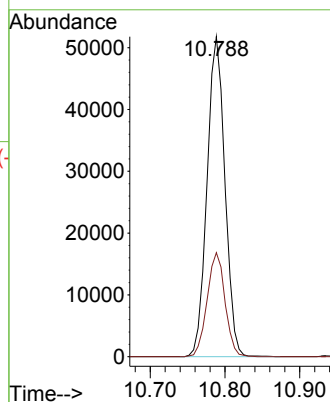
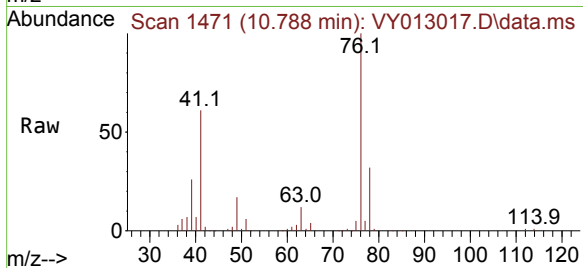
VSTDCCC050EC

Tgt Ion: 76 Resp: 85856

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 300.648 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY013017.D

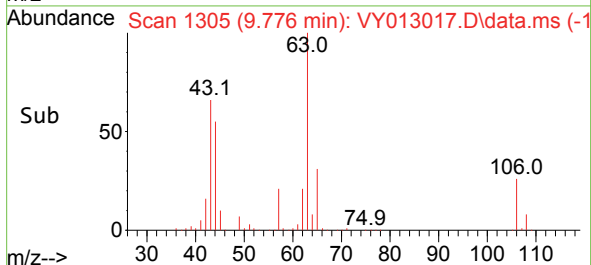
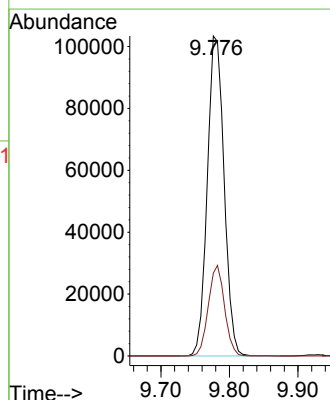
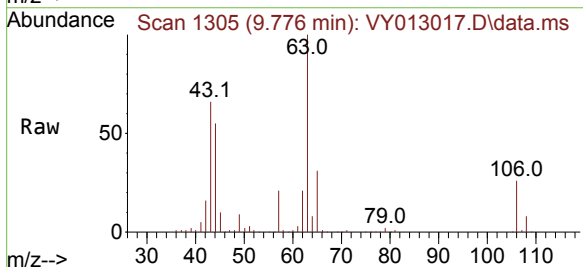
Acq: 20 Mar 2023 18:47

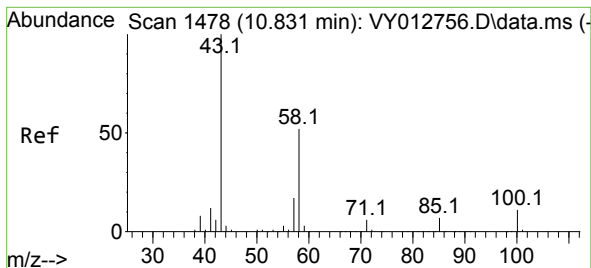
Tgt Ion: 63 Resp: 176213

Ion Ratio Lower Upper

63 100

106 27.3 22.1 33.1

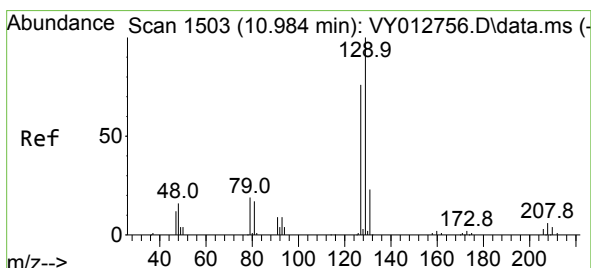
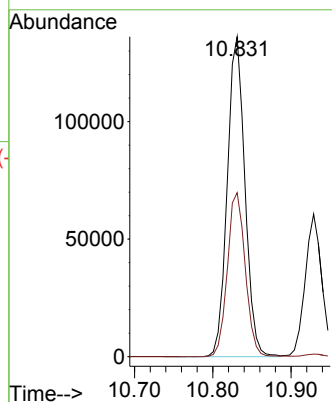
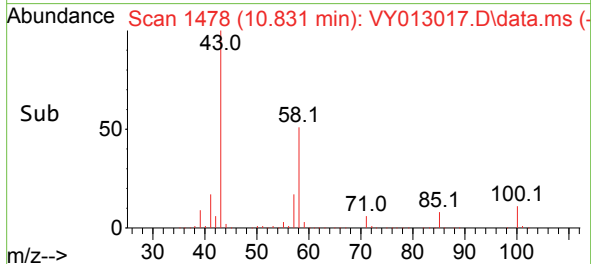
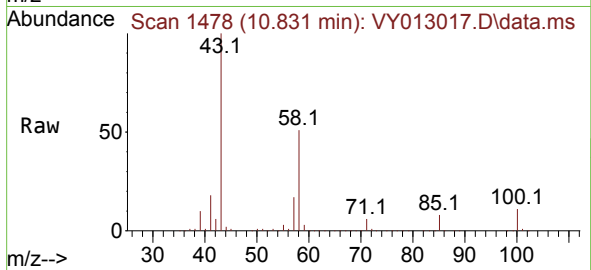




#59
2-Hexanone
Concen: 325.624 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013017.D
Acq: 20 Mar 2023 18:47

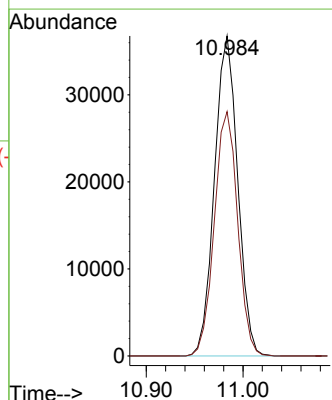
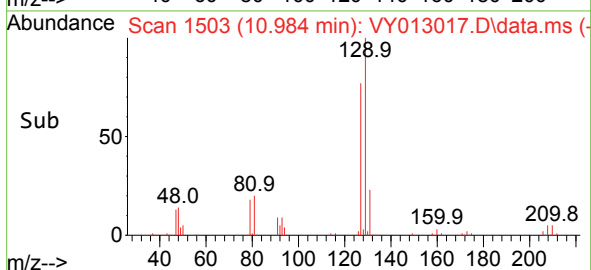
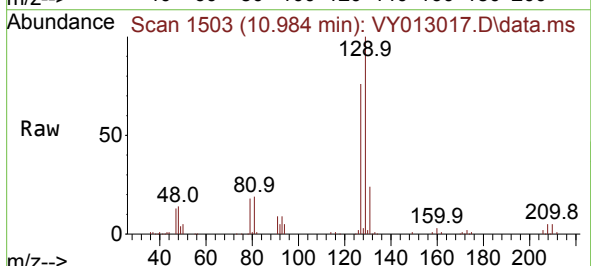
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

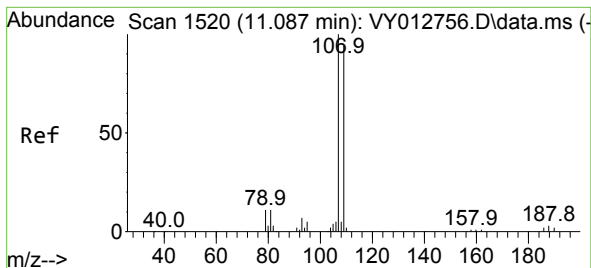
Tgt Ion: 43 Resp: 213107
Ion Ratio Lower Upper
43 100
58 52.0 25.9 77.8



#60
Dibromochloromethane
Concen: 60.109 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013017.D
Acq: 20 Mar 2023 18:47

Tgt Ion: 129 Resp: 61267
Ion Ratio Lower Upper
129 100
127 76.7 38.7 116.1

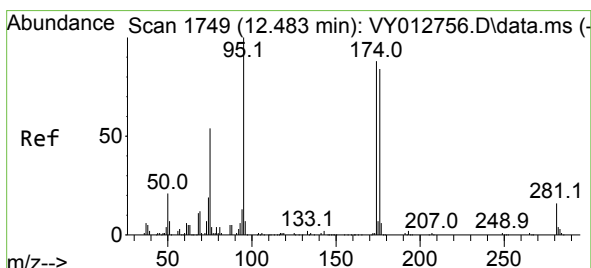
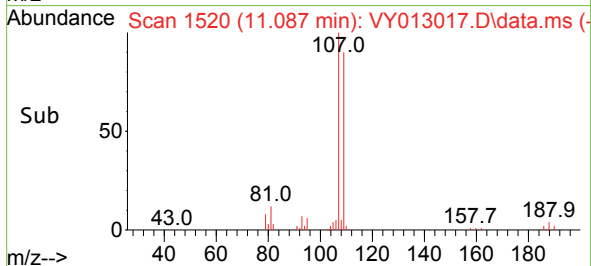
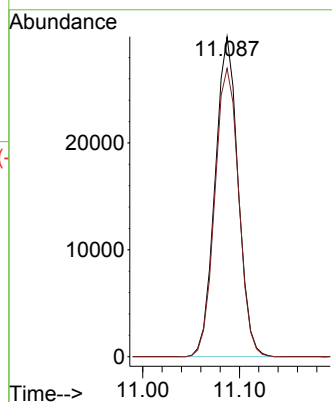
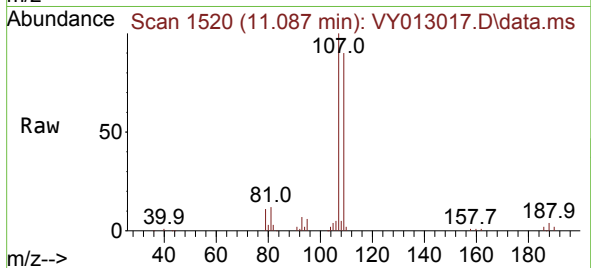




#61
1,2-Dibromoethane
Concen: 61.317 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013017.D
Acq: 20 Mar 2023 18:47

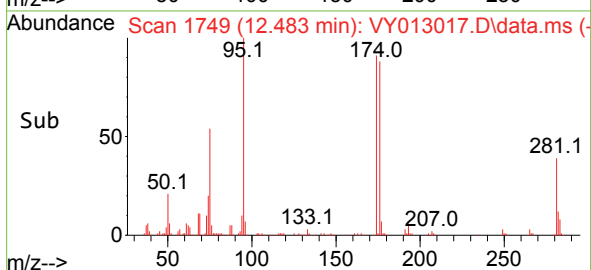
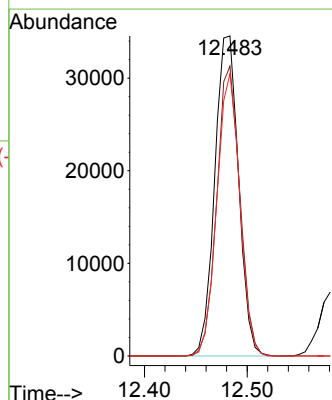
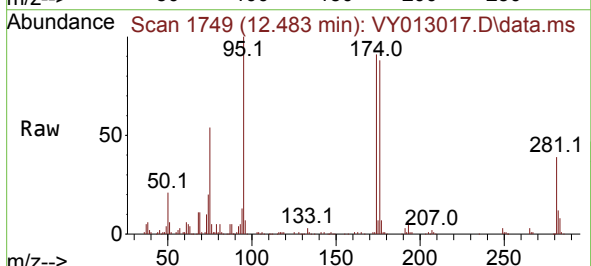
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

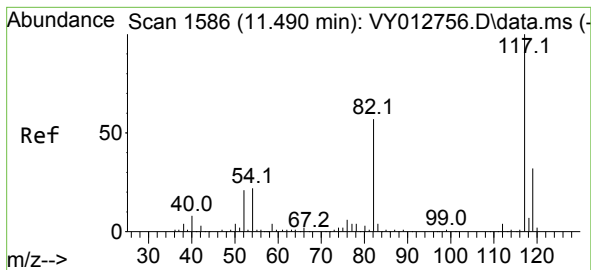
Tgt Ion:107 Resp: 49458
Ion Ratio Lower Upper
107 100
109 93.5 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 51.077 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013017.D
Acq: 20 Mar 2023 18:47

Tgt Ion: 95 Resp: 55522
Ion Ratio Lower Upper
95 100
174 87.6 0.0 176.6
176 84.8 0.0 170.2

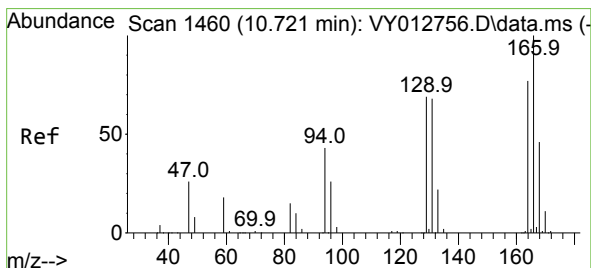
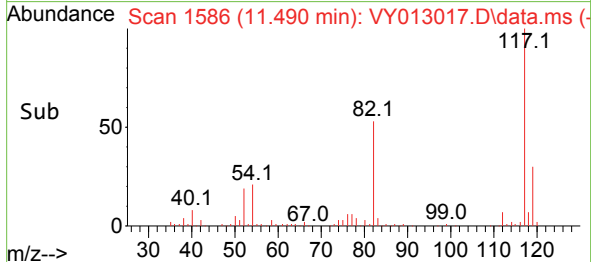
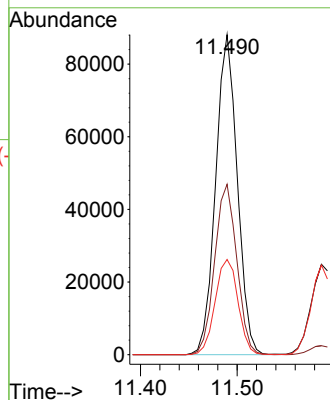
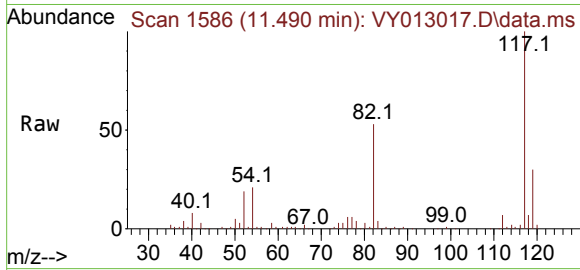




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013017.D
Acq: 20 Mar 2023 18:47

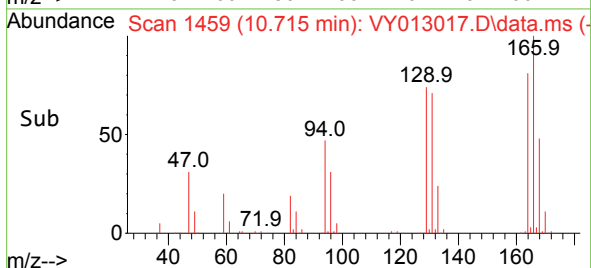
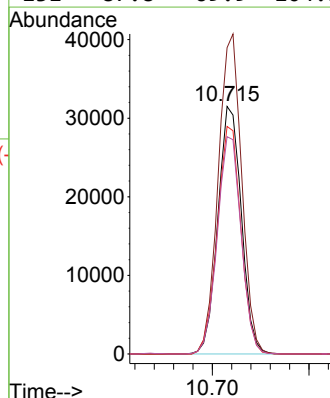
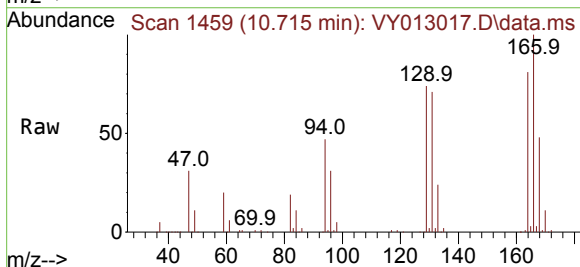
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

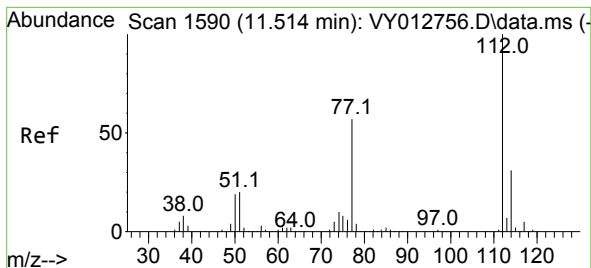
Tgt Ion:117 Resp: 136811
Ion Ratio Lower Upper
117 100
82 53.3 45.4 68.0
119 29.8 25.6 38.4



#64
Tetrachloroethene
Concen: 53.290 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY013017.D
Acq: 20 Mar 2023 18:47

Tgt Ion:164 Resp: 53081
Ion Ratio Lower Upper
164 100
166 123.7 103.4 155.2
129 91.9 71.4 107.2
131 87.8 69.9 104.9





#65

Chlorobenzene

Concen: 55.405 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY013017.D

Acq: 20 Mar 2023 18:47

Instrument :

MSVOA_Y

ClientSampleId :

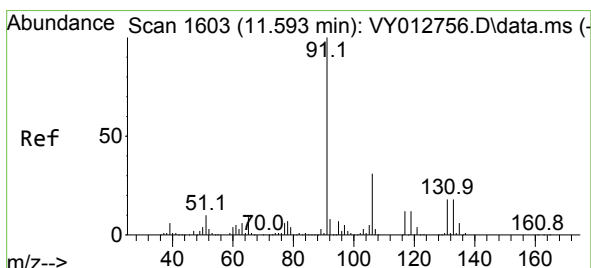
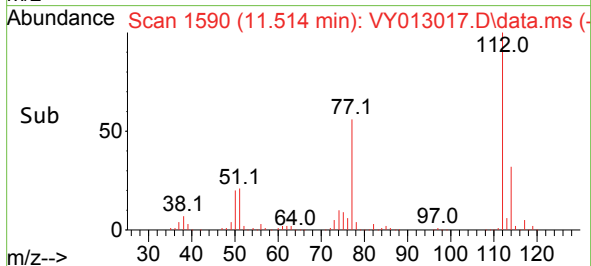
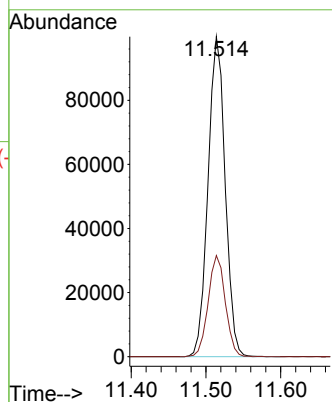
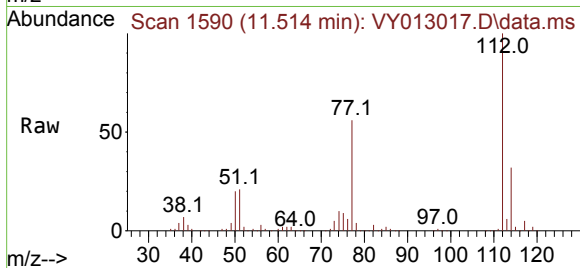
VSTDCCC050EC

Tgt Ion:112 Resp: 159086

Ion Ratio Lower Upper

112 100

114 31.6 24.5 36.7



#66

1,1,1,2-Tetrachloroethane

Concen: 56.870 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY013017.D

Acq: 20 Mar 2023 18:47

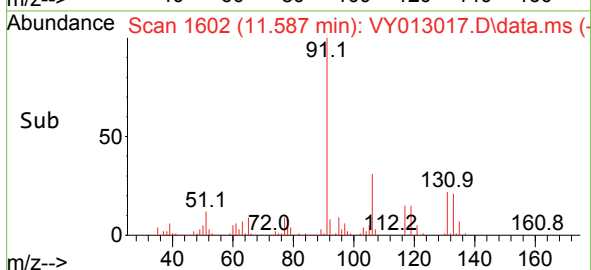
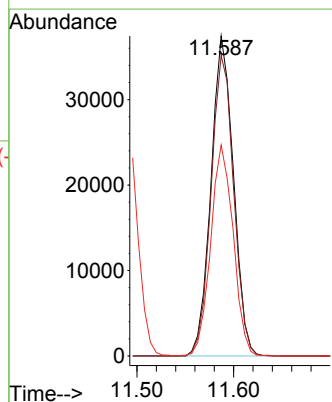
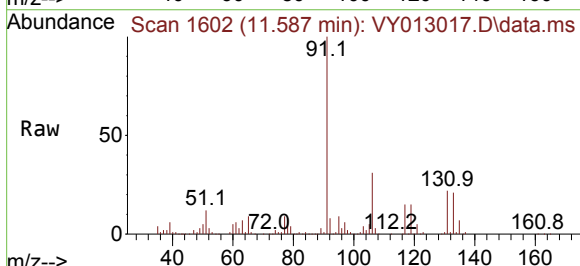
Tgt Ion:131 Resp: 60423

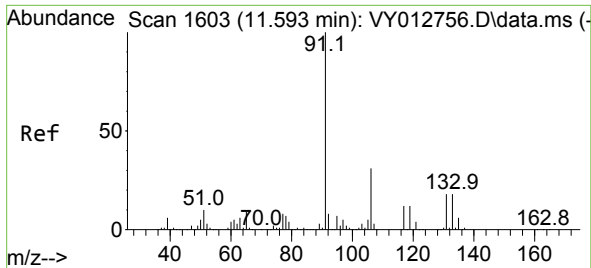
Ion Ratio Lower Upper

131 100

133 94.5 48.0 144.0

119 66.1 32.6 98.0

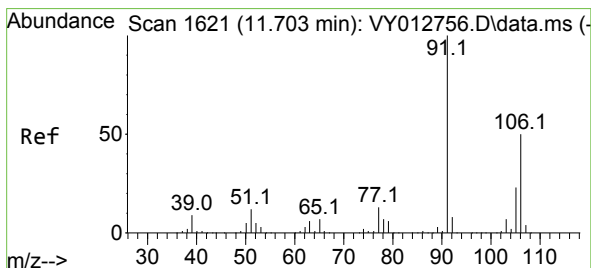
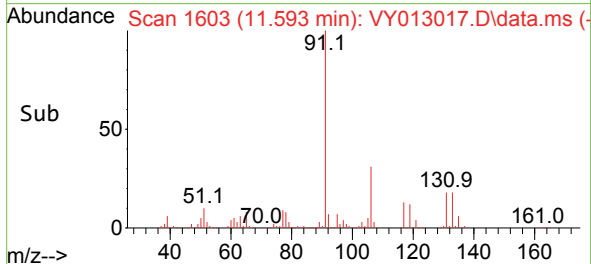
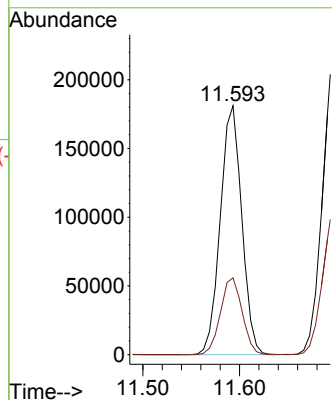
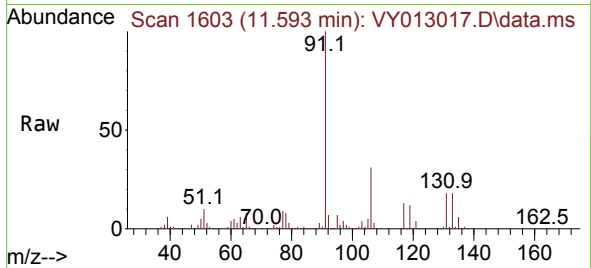




#67
Ethyl Benzene
Concen: 55.192 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013017.D
Acq: 20 Mar 2023 18:47

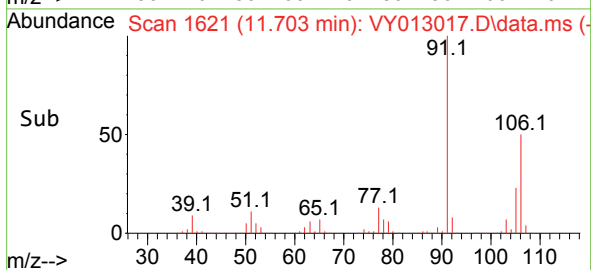
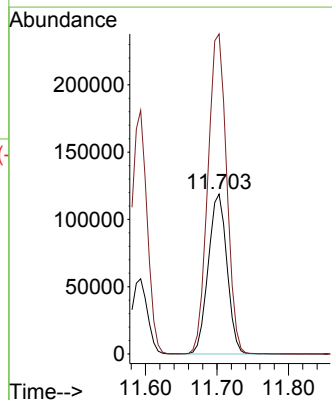
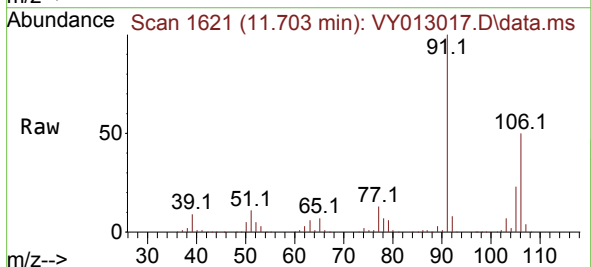
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

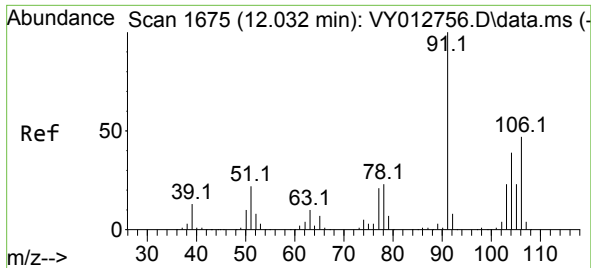
Tgt Ion: 91 Resp: 278623
Ion Ratio Lower Upper
91 100
106 30.8 25.1 37.7



#68
m/p-Xylenes
Concen: 111.244 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY013017.D
Acq: 20 Mar 2023 18:47

Tgt Ion:106 Resp: 216040
Ion Ratio Lower Upper
106 100
91 200.9 159.8 239.8

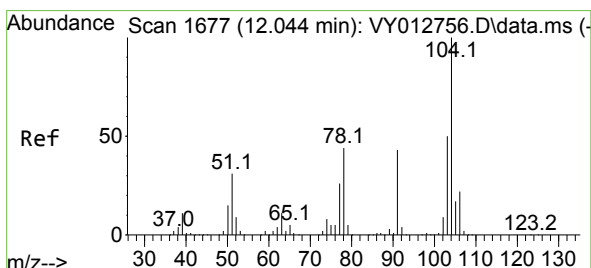
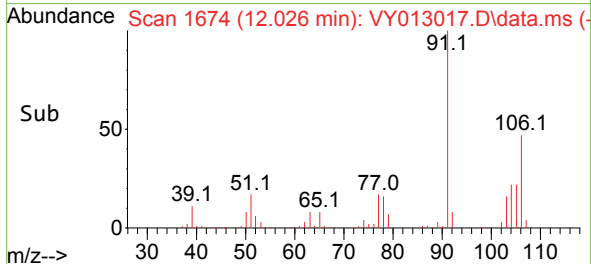
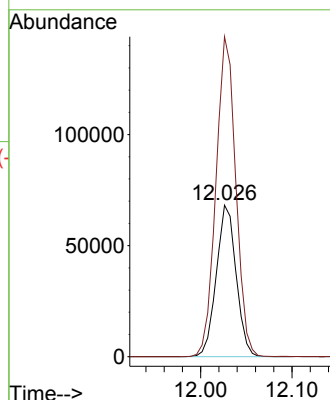
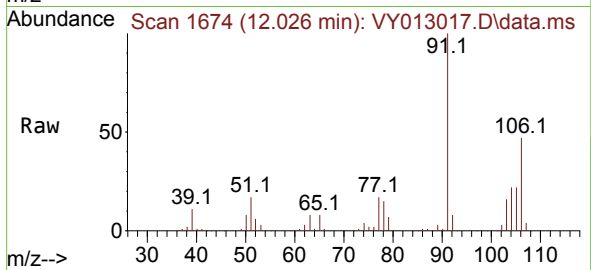




#69
o-Xylene
Concen: 56.716 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY013017.D
Acq: 20 Mar 2023 18:47

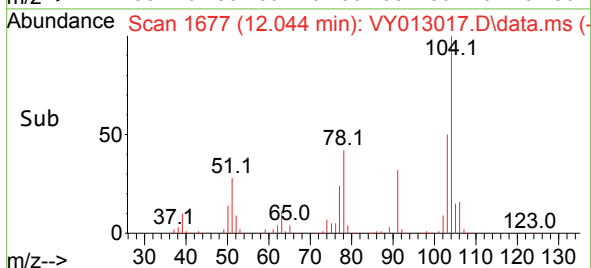
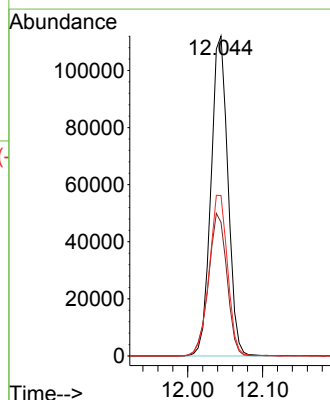
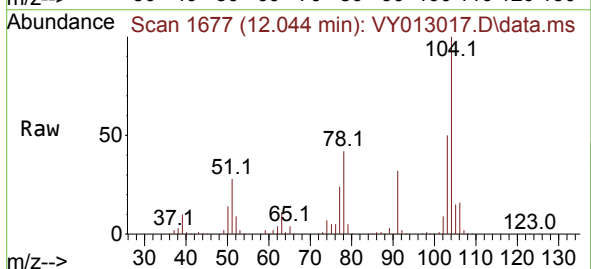
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

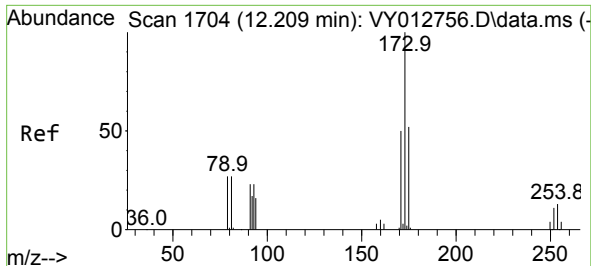
Tgt Ion:106 Resp: 102797
Ion Ratio Lower Upper
106 100
91 211.6 107.2 321.6



#70
Styrene
Concen: 58.587 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013017.D
Acq: 20 Mar 2023 18:47

Tgt Ion:104 Resp: 177203
Ion Ratio Lower Upper
104 100
78 48.5 39.2 58.8
103 54.8 43.7 65.5

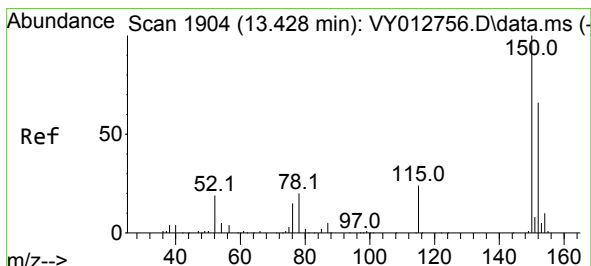
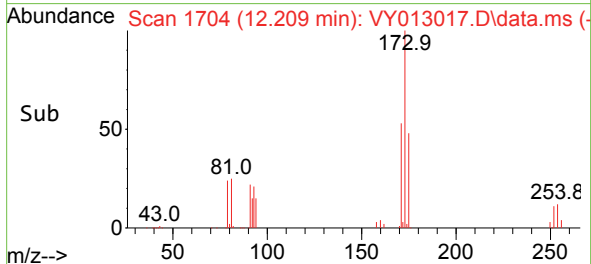
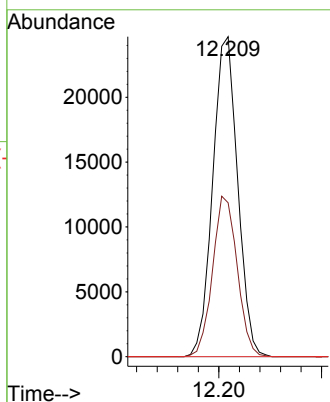
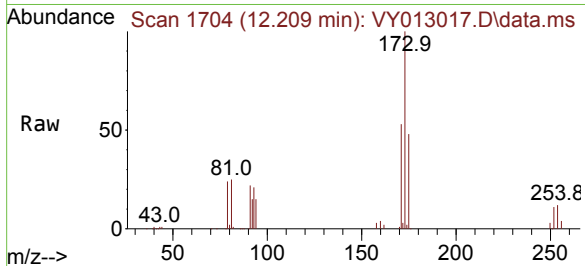




#71
Bromoform
Concen: 59.856 ug/l
RT: 12.209 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013017.D
Acq: 20 Mar 2023 18:47

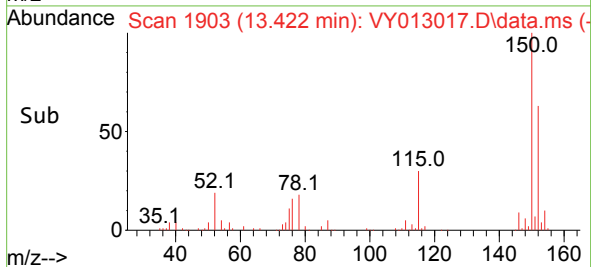
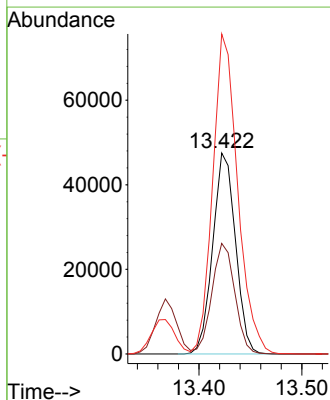
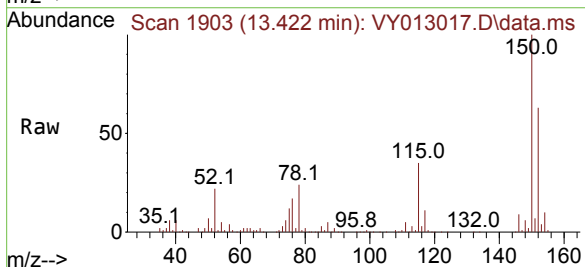
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

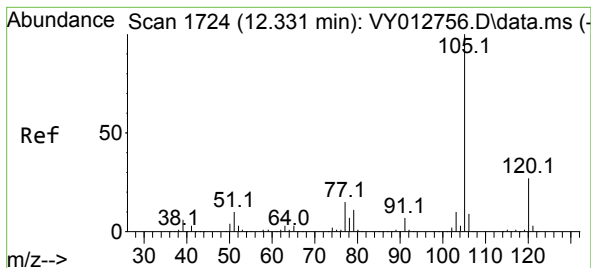
Tgt Ion:173 Resp: 41465
Ion Ratio Lower Upper
173 100
175 49.5 25.0 75.0
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY013017.D
Acq: 20 Mar 2023 18:47

Tgt Ion:152 Resp: 72927
Ion Ratio Lower Upper
152 100
115 55.5 27.1 81.3
150 174.7 0.0 347.8





#73

Isopropylbenzene

Concen: 51.661 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013017.D

Acq: 20 Mar 2023 18:47

Instrument :

MSVOA_Y

ClientSampleId :

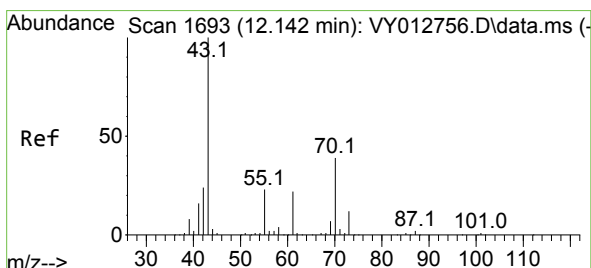
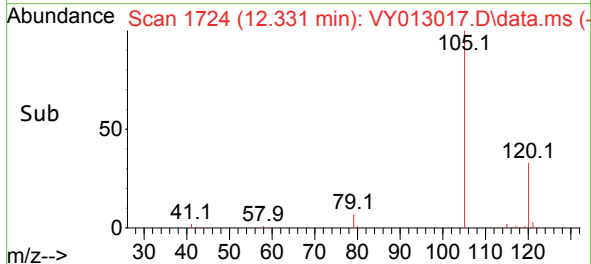
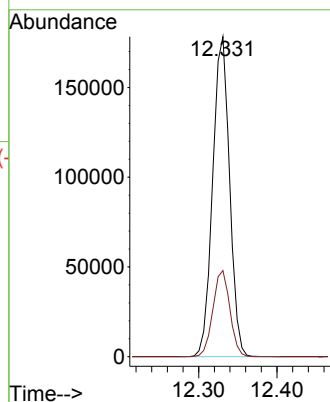
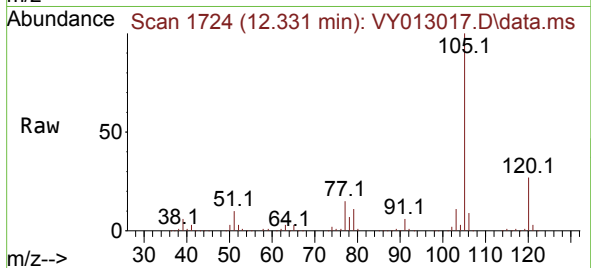
VSTDCCC050EC

Tgt Ion:105 Resp: 267005

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.2



#74

N-ethyl acetate

Concen: 56.298 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY013017.D

Acq: 20 Mar 2023 18:47

Tgt Ion: 43 Resp: 91550

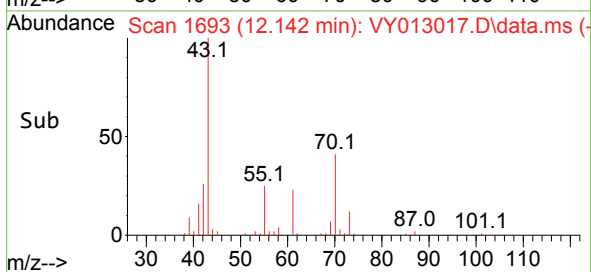
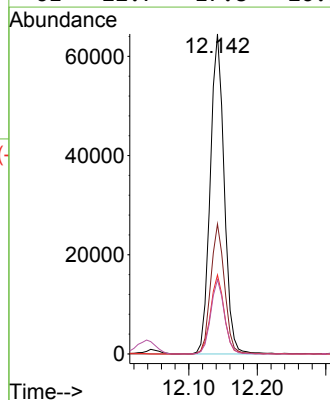
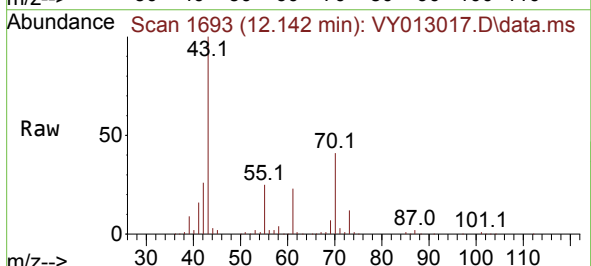
Ion Ratio Lower Upper

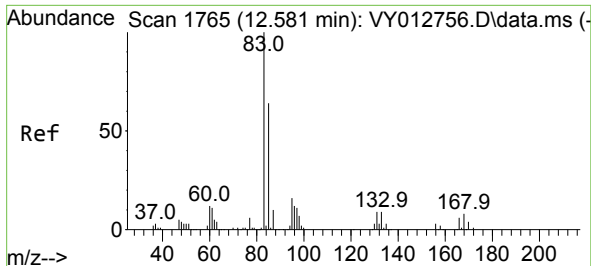
43 100

70 40.2 31.6 47.4

55 24.4 18.8 28.2

61 22.7 17.8 26.8

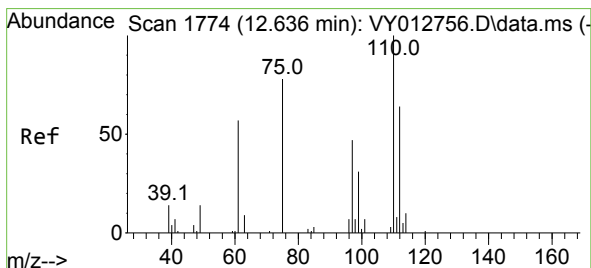
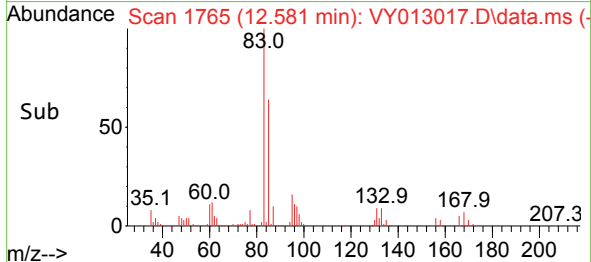
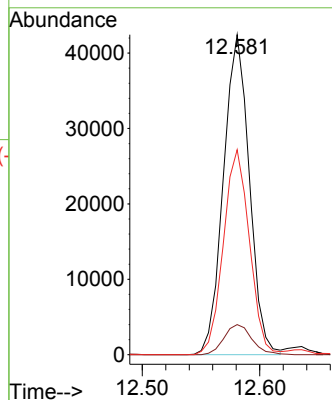
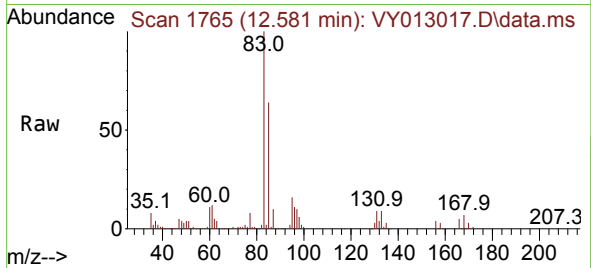




#75
1,1,2,2-Tetrachloroethane
Concen: 55.985 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY013017.D
Acq: 20 Mar 2023 18:47

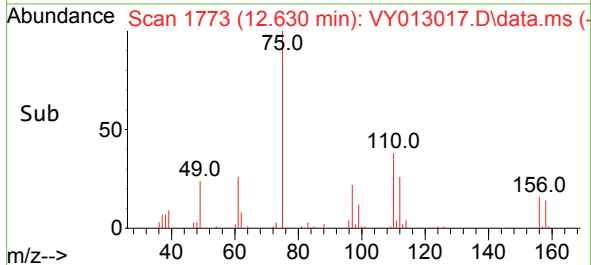
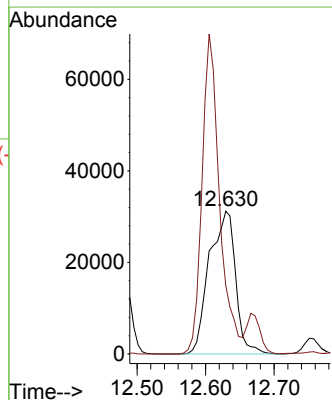
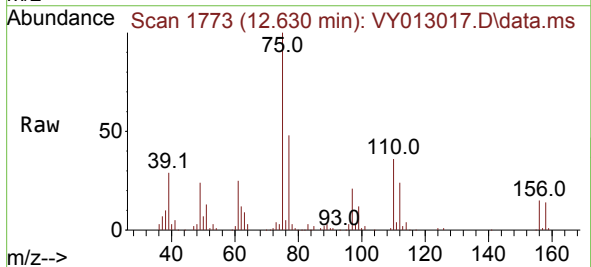
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

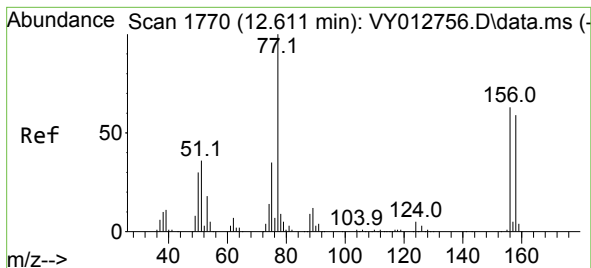
Tgt Ion: 83 Resp: 65045
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.2
85 64.4 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 95.287 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY013017.D
Acq: 20 Mar 2023 18:47

Tgt Ion: 75 Resp: 82982
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.368 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY013017.D

Acq: 20 Mar 2023 18:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

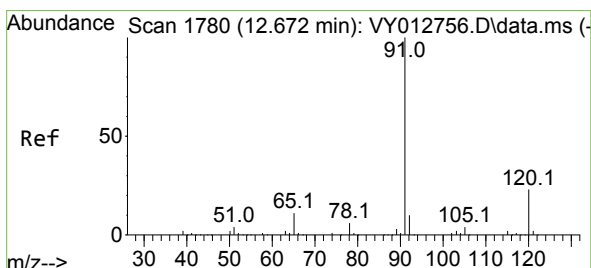
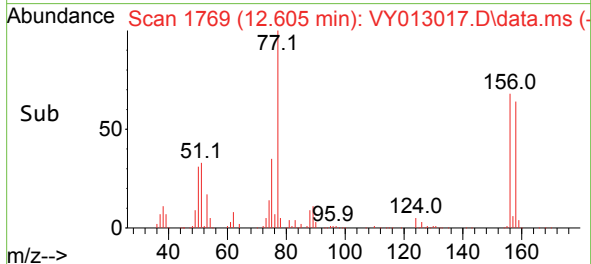
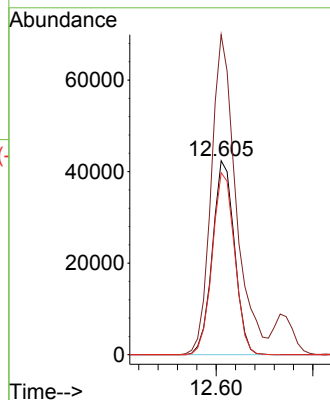
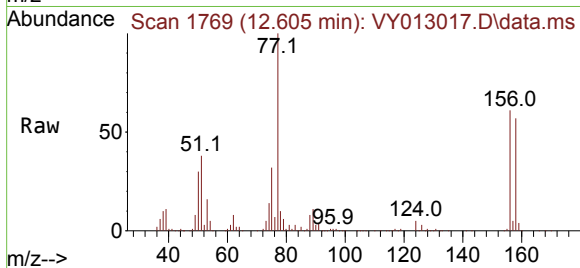
Tgt Ion:156 Resp: 67007

Ion Ratio Lower Upper

156 100

77 186.3 94.0 282.1

158 95.1 48.1 144.4



#78

n-propylbenzene

Concen: 52.032 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013017.D

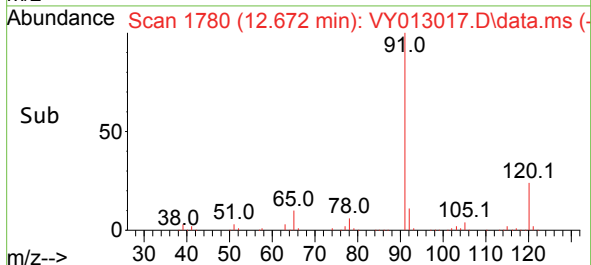
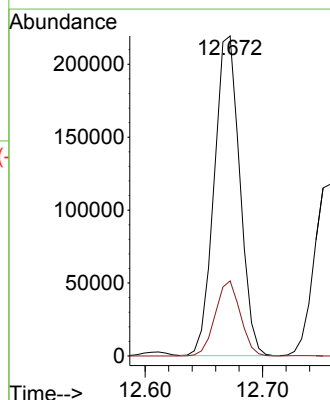
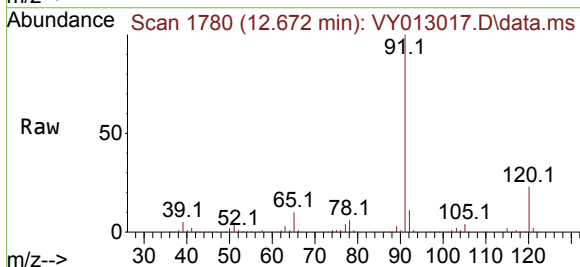
Acq: 20 Mar 2023 18:47

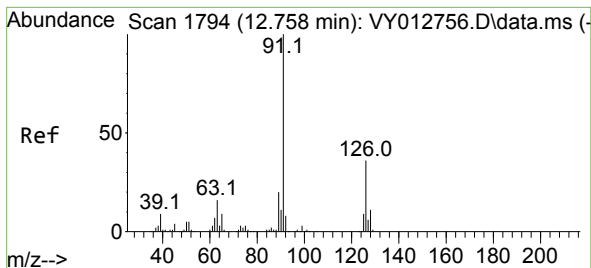
Tgt Ion: 91 Resp: 331551

Ion Ratio Lower Upper

91 100

120 23.0 11.6 34.8





#79

2-Chlorotoluene

Concen: 52.265 ug/l

RT: 12.758 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013017.D

Acq: 20 Mar 2023 18:47

Instrument :

MSVOA_Y

ClientSampleId :

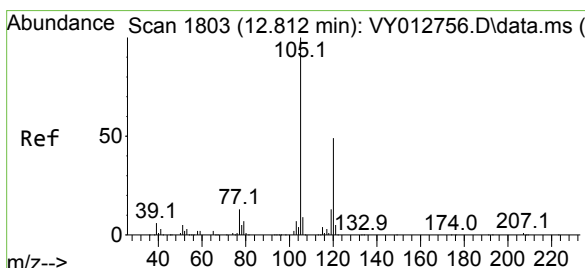
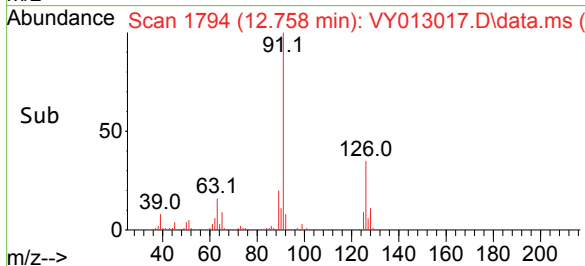
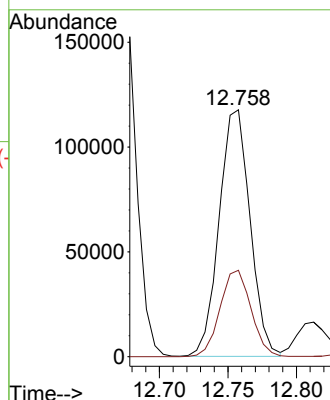
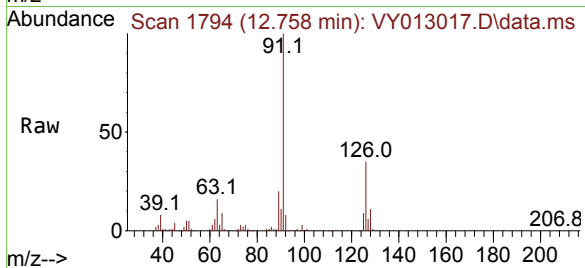
VSTDCCC050EC

Tgt Ion: 91 Resp: 185097

Ion Ratio Lower Upper

91 100

126 35.1 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 52.653 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY013017.D

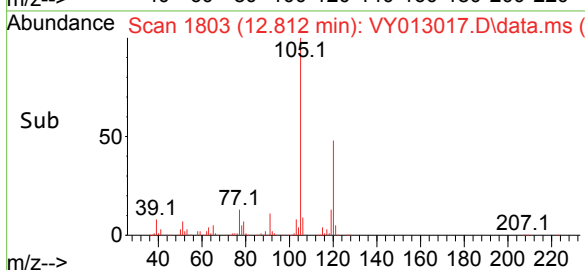
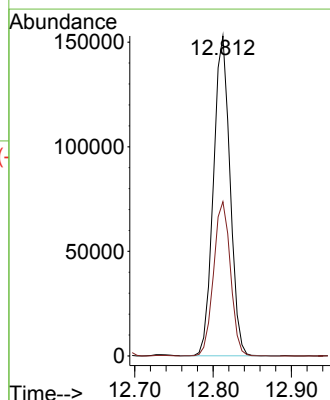
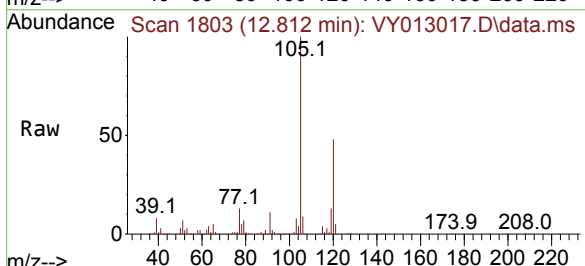
Acq: 20 Mar 2023 18:47

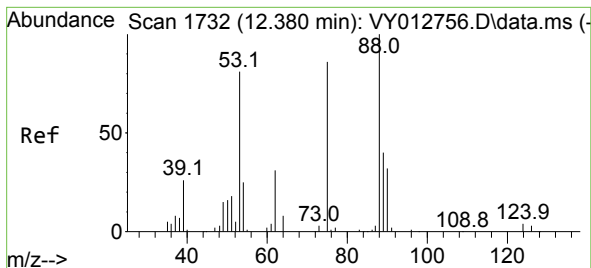
Tgt Ion:105 Resp: 224579

Ion Ratio Lower Upper

105 100

120 49.1 24.8 74.4

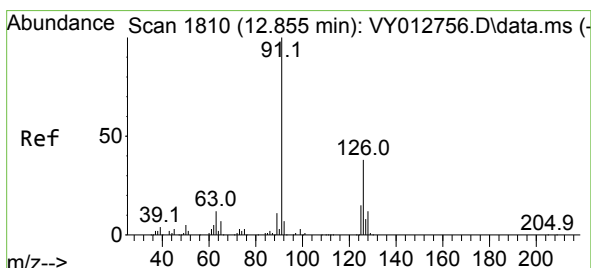
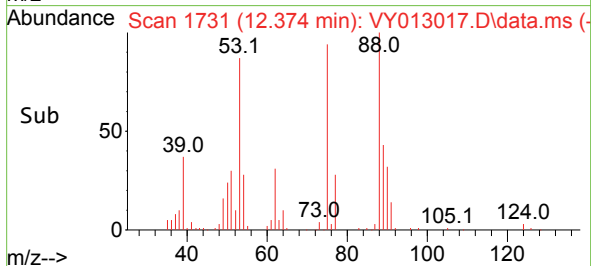
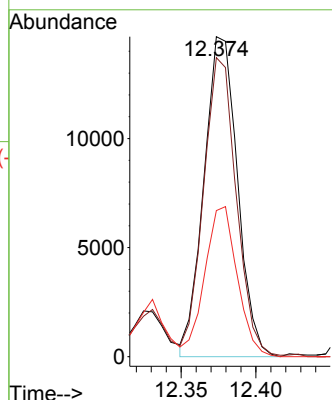
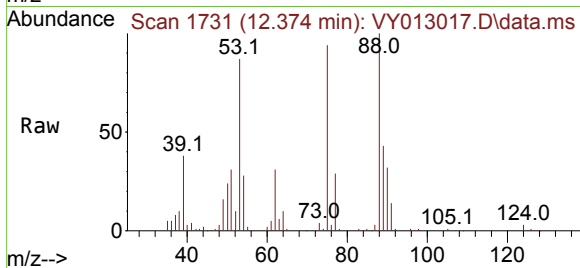




#81
trans-1,4-Dichloro-2-butene
Concen: 54.505 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY013017.D
Acq: 20 Mar 2023 18:47

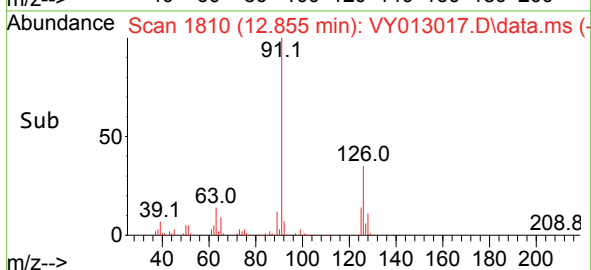
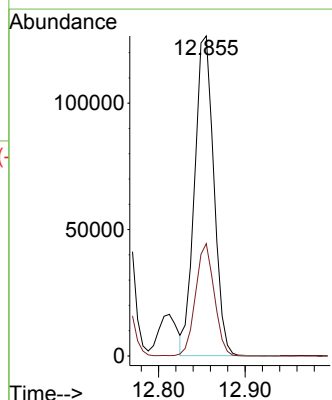
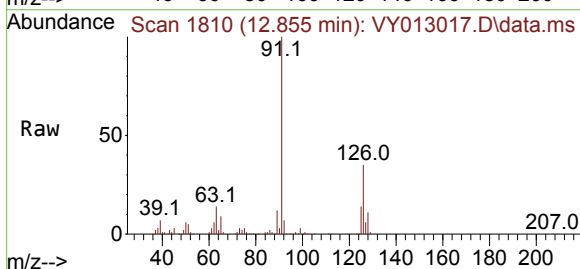
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

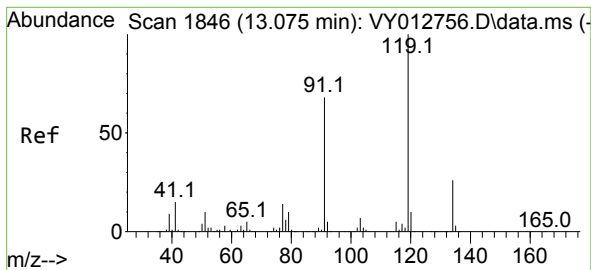
Tgt Ion: 75 Resp: 22908
Ion Ratio Lower Upper
75 100
53 91.6 73.4 110.0
89 45.4 36.6 55.0



#82
4-Chlorotoluene
Concen: 53.119 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013017.D
Acq: 20 Mar 2023 18:47

Tgt Ion: 91 Resp: 194735
Ion Ratio Lower Upper
91 100
126 34.3 17.7 53.1

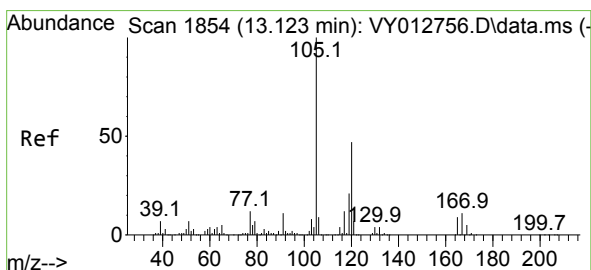
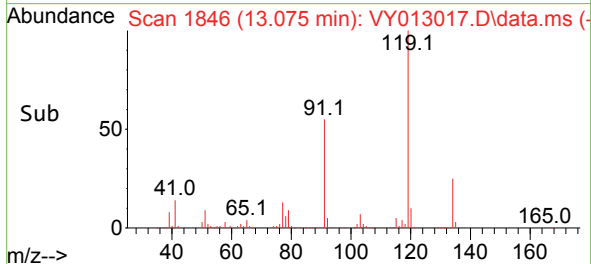
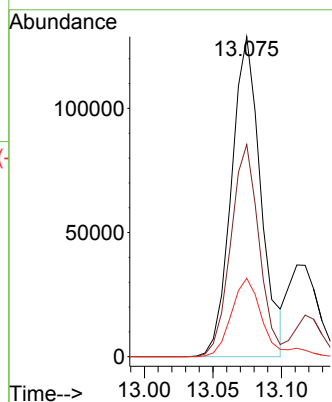
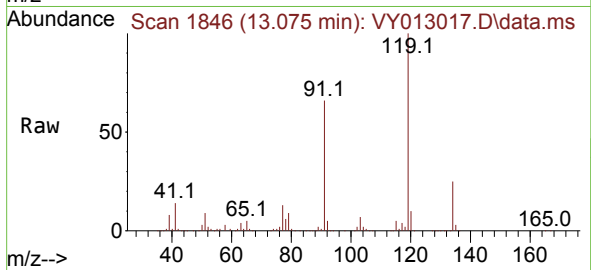




#83
tert-Butylbenzene
Concen: 52.309 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY013017.D
Acq: 20 Mar 2023 18:47

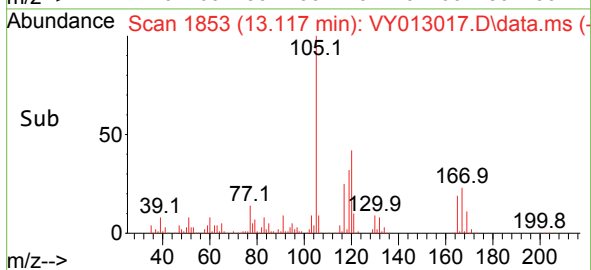
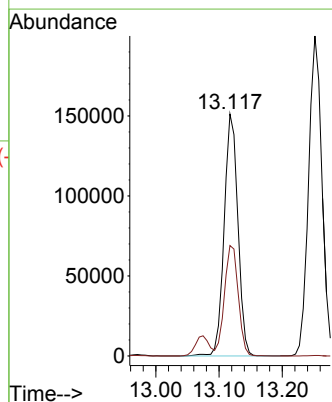
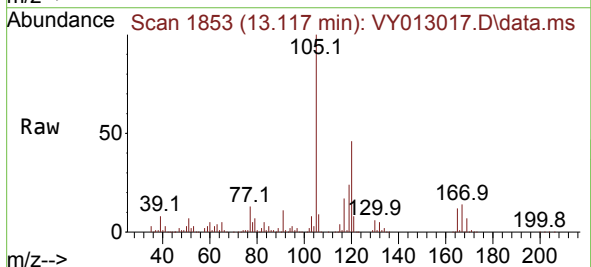
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

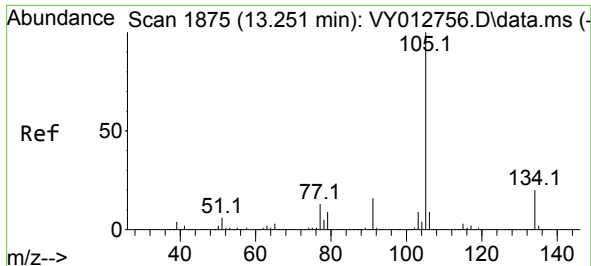
Tgt Ion:119 Resp: 192572
Ion Ratio Lower Upper
119 100
91 63.9 32.8 98.3
134 26.6 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 54.412 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY013017.D
Acq: 20 Mar 2023 18:47

Tgt Ion:105 Resp: 226940
Ion Ratio Lower Upper
105 100
120 45.7 23.0 69.0

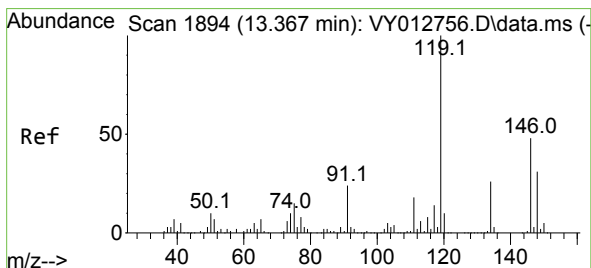
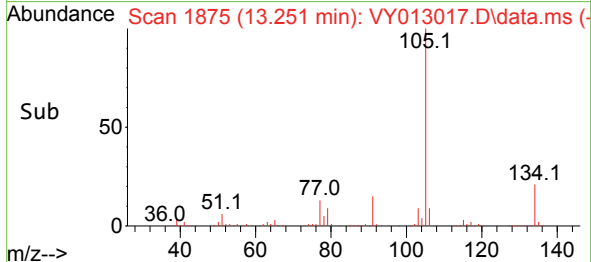
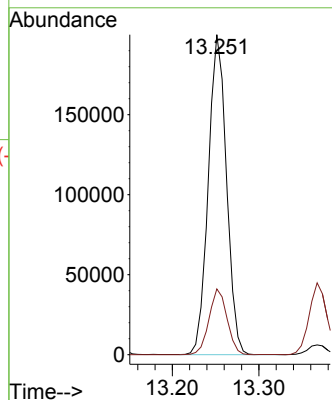
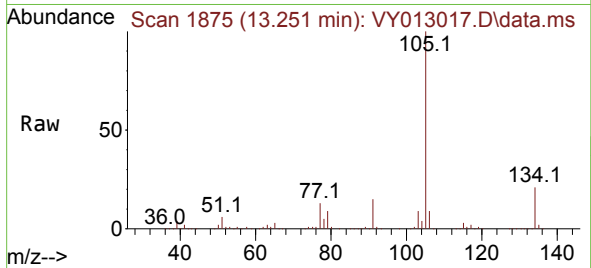




#85
sec-Butylbenzene
Concen: 52.022 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VY013017.D
Acq: 20 Mar 2023 18:47

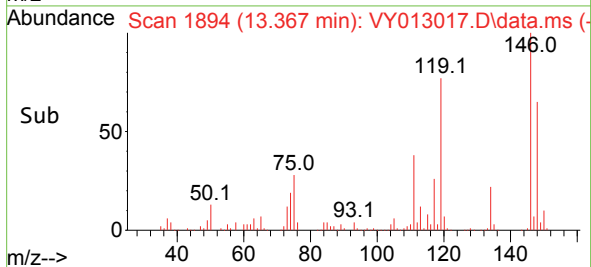
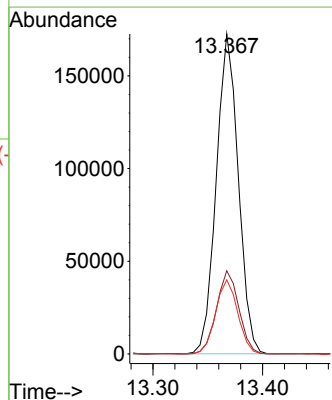
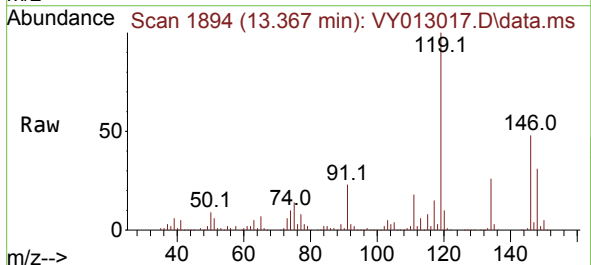
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

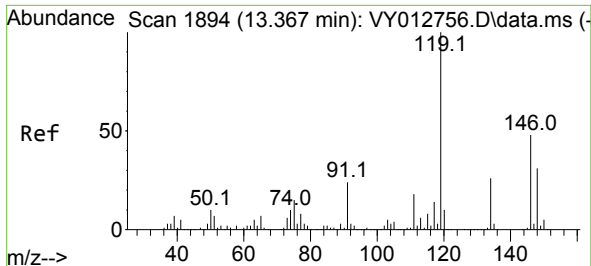
Tgt Ion:105 Resp: 292169
Ion Ratio Lower Upper
105 100
134 20.3 10.4 31.1



#86
p-Isopropyltoluene
Concen: 52.466 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY013017.D
Acq: 20 Mar 2023 18:47

Tgt Ion:119 Resp: 240827
Ion Ratio Lower Upper
119 100
134 26.4 13.2 39.6
91 23.5 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 53.733 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013017.D

Acq: 20 Mar 2023 18:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

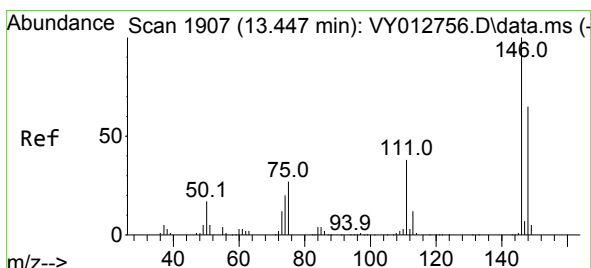
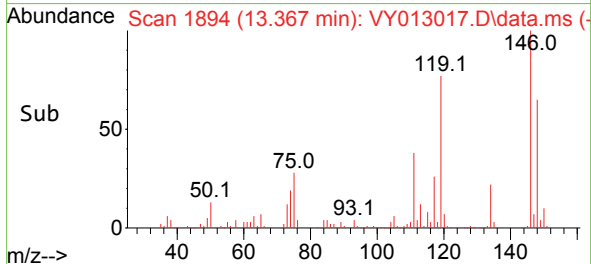
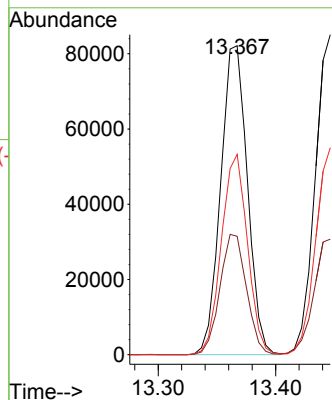
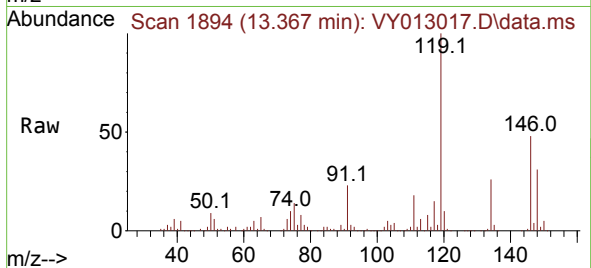
Tgt Ion:146 Resp: 130119

Ion Ratio Lower Upper

146 100

111 38.7 19.1 57.5

148 63.3 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 52.753 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY013017.D

Acq: 20 Mar 2023 18:47

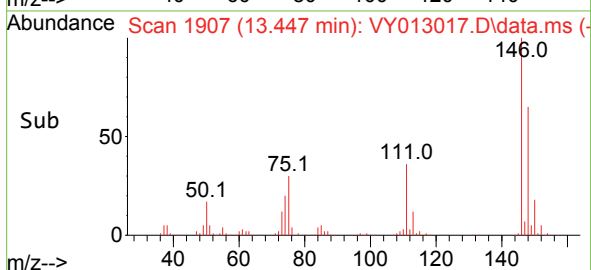
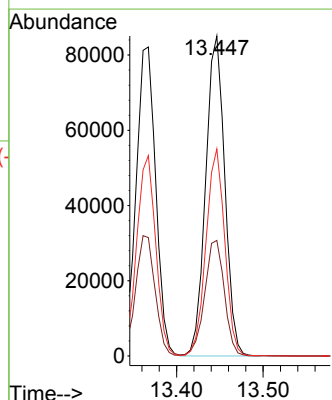
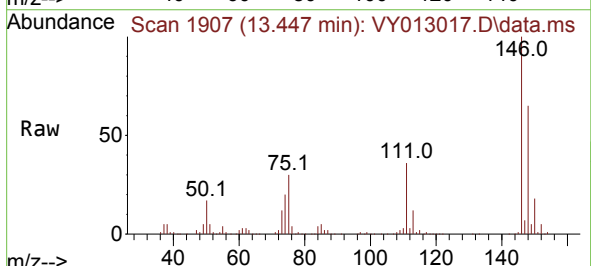
Tgt Ion:146 Resp: 130378

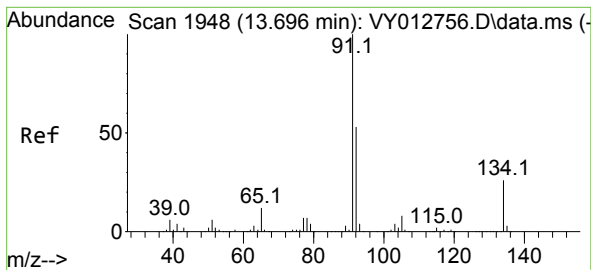
Ion Ratio Lower Upper

146 100

111 37.3 18.6 55.8

148 63.7 31.5 94.5





#89

n-Butylbenzene

Concen: 51.739 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013017.D

Acq: 20 Mar 2023 18:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

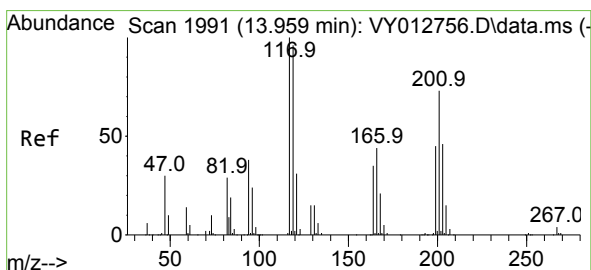
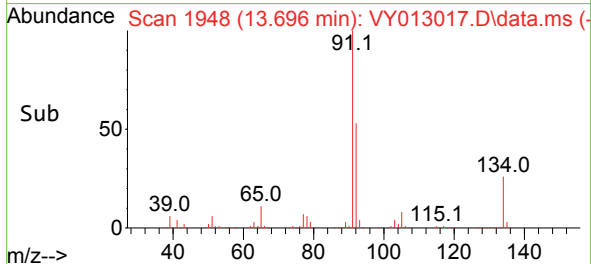
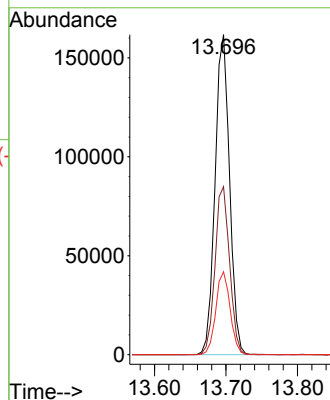
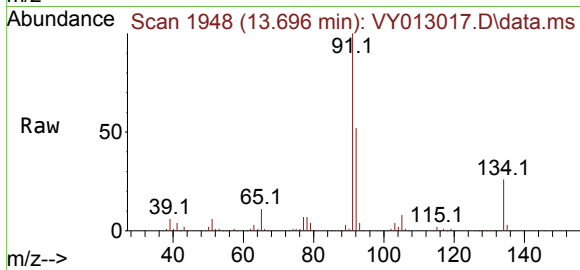
Tgt Ion: 91 Resp: 227352

Ion Ratio Lower Upper

91 100

92 52.9 26.4 79.0

134 25.6 13.0 38.9



#90

Hexachloroethane

Concen: 51.679 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY013017.D

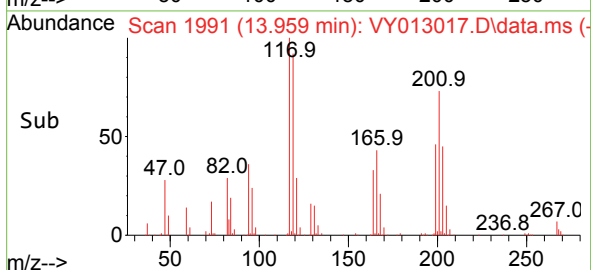
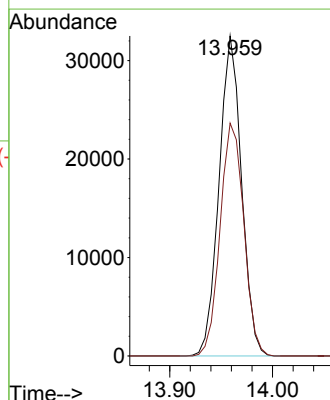
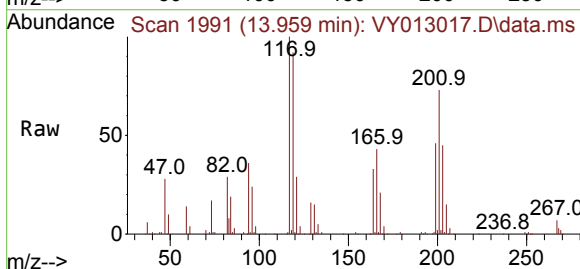
Acq: 20 Mar 2023 18:47

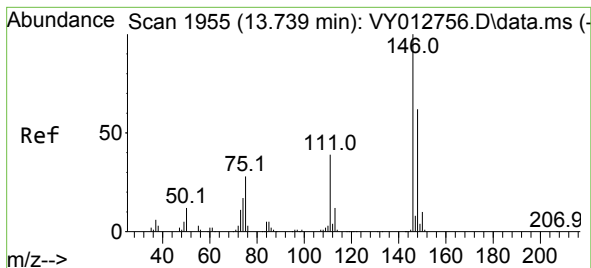
Tgt Ion: 117 Resp: 49406

Ion Ratio Lower Upper

117 100

201 76.5 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 55.075 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013017.D

Acq: 20 Mar 2023 18:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

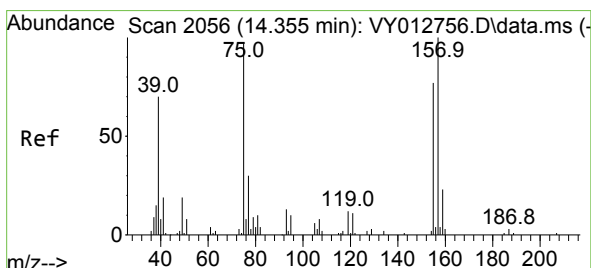
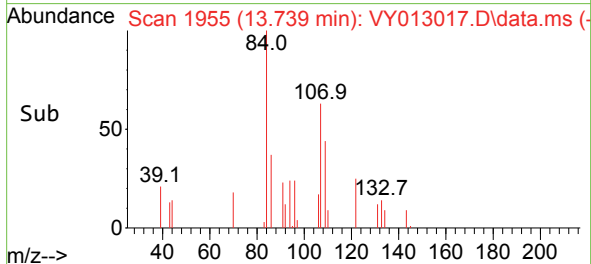
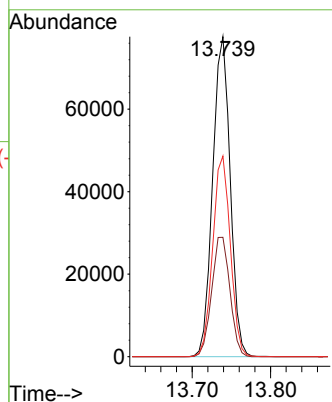
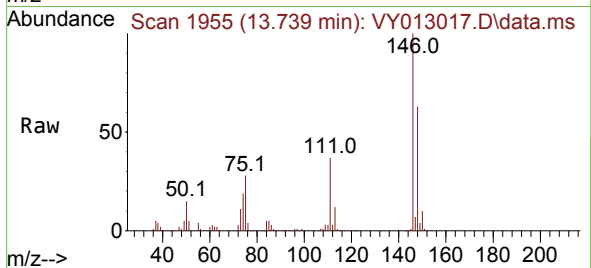
Tgt Ion:146 Resp: 120561

Ion Ratio Lower Upper

146 100

111 38.8 19.7 59.1

148 63.0 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.431 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY013017.D

Acq: 20 Mar 2023 18:47

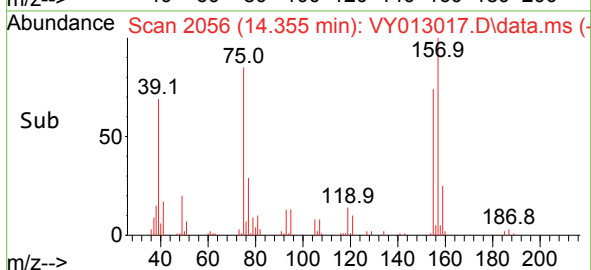
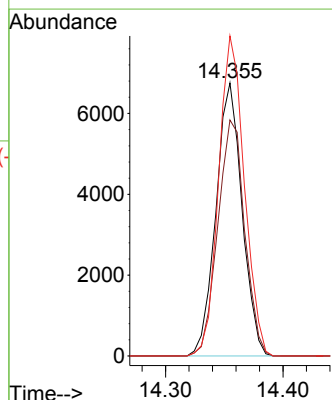
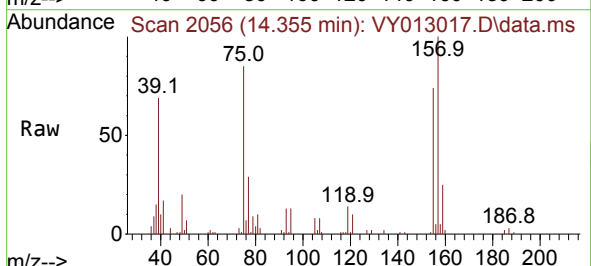
Tgt Ion: 75 Resp: 10408

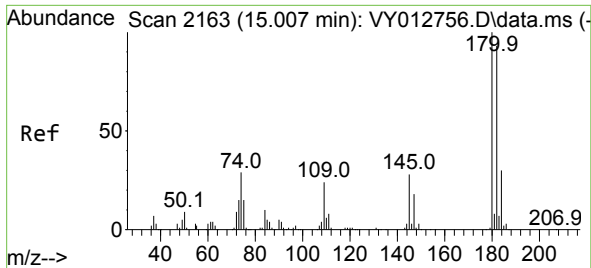
Ion Ratio Lower Upper

75 100

155 89.2 43.8 131.4

157 115.6 54.1 162.3

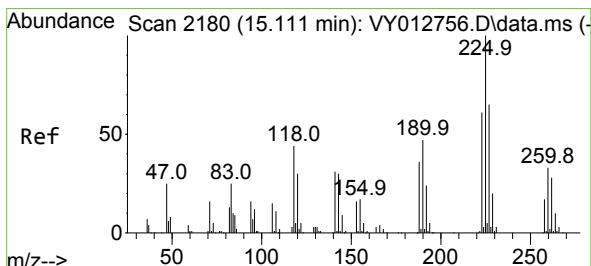
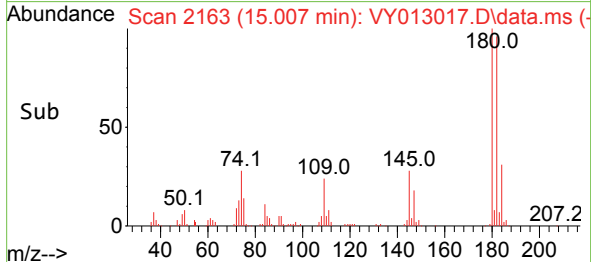
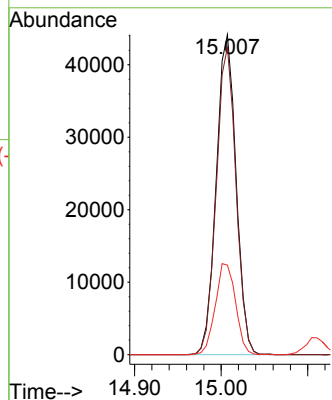
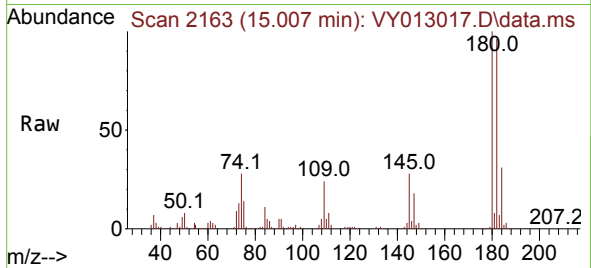




#93
1,2,4-Trichlorobenzene
Concen: 52.075 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY013017.D
Acq: 20 Mar 2023 18:47

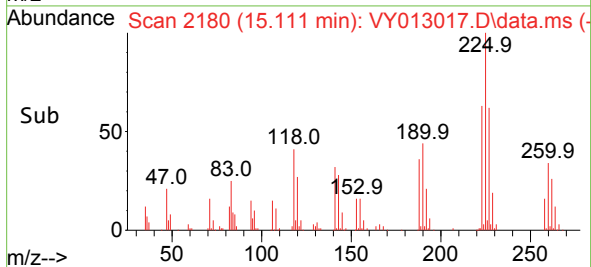
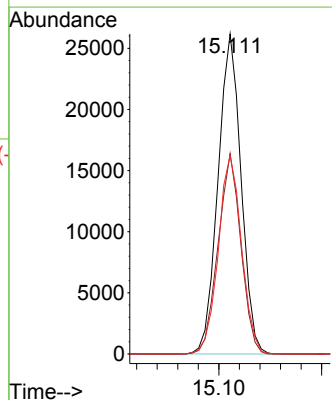
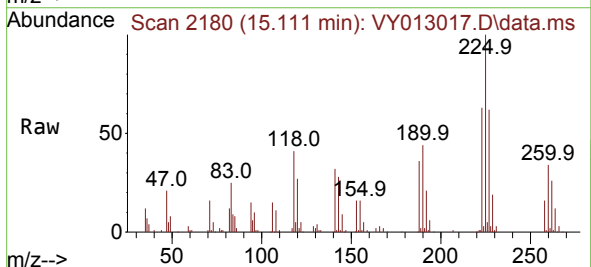
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

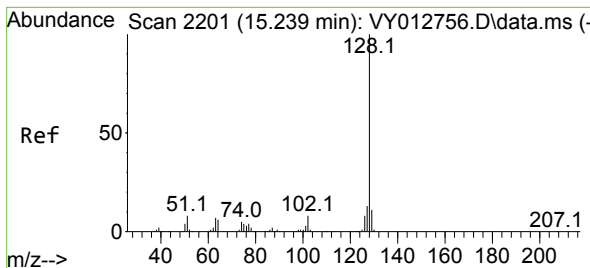
Tgt Ion:180 Resp: 70186
Ion Ratio Lower Upper
180 100
182 95.3 46.7 140.1
145 29.1 14.6 43.8



#94
Hexachlorobutadiene
Concen: 49.442 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY013017.D
Acq: 20 Mar 2023 18:47

Tgt Ion:225 Resp: 40644
Ion Ratio Lower Upper
225 100
223 61.7 31.1 93.3
227 62.5 32.4 97.0





#95

Naphthalene

Concen: 56.193 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY013017.D

Acq: 20 Mar 2023 18:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

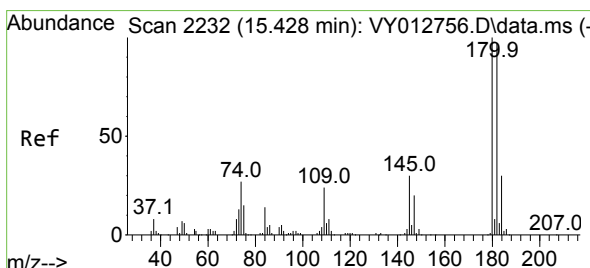
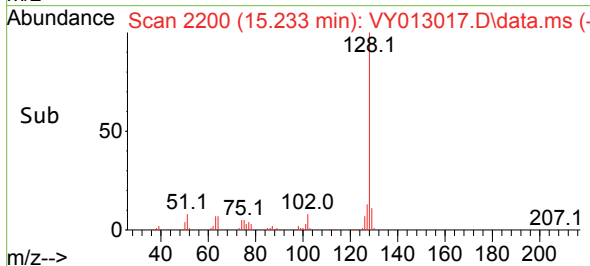
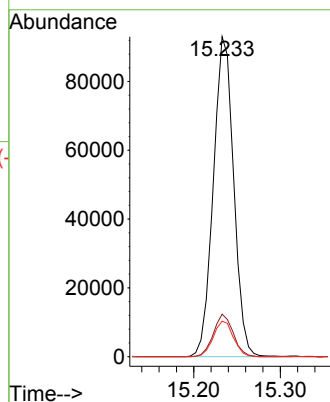
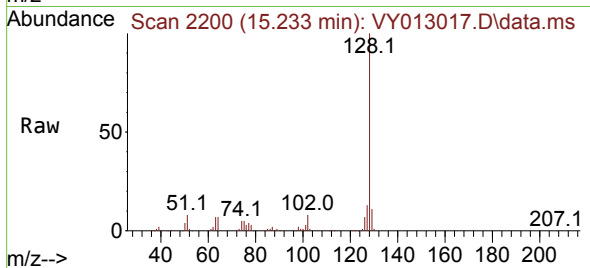
Tgt Ion:128 Resp: 151769

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 53.302 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY013017.D

Acq: 20 Mar 2023 18:47

Tgt Ion:180 Resp: 63893

Ion Ratio Lower Upper

180 100

182 93.2 47.4 142.3

145 30.6 15.3 45.8

