

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032923\
 Data File : VY013139.D
 Acq On : 29 Mar 2023 18:55
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 29 23:34:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	99858	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	154862	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	145495	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	81033	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	51670	52.115	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.240%	
35) Dibromofluoromethane	7.715	113	52266	55.924	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.840%	
50) Toluene-d8	10.178	98	153995	45.072	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 90.140%	
62) 4-Bromofluorobenzene	12.477	95	63487	55.052	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.100%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.899	85	44386	45.096	ug/l	97
3) Chloromethane	2.113	50	50586	42.991	ug/l	98
4) Vinyl Chloride	2.247	62	49599	45.968	ug/l	98
5) Bromomethane	2.643	94	34231	52.211	ug/l	94
6) Chloroethane	2.790	64	32327	50.026	ug/l	99
7) Trichlorofluoromethane	3.119	101	89267	49.812	ug/l	100
8) Diethyl Ether	3.527	74	31670	50.429	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.893	101	51403	47.675	ug/l	99
10) Methyl Iodide	4.082	142	63741	45.372	ug/l	97
11) Tert butyl alcohol	4.948	59	31356	277.196	ug/l	99
12) 1,1-Dichloroethene	3.869	96	47321	46.018	ug/l	96
13) Acrolein	3.722	56	31743	182.743	ug/l	98
14) Allyl chloride	4.472	41	90147	47.458	ug/l	98
15) Acrylonitrile	5.155	53	95994	290.102	ug/l	99
16) Acetone	3.942	43	100699	258.763	ug/l	98
17) Carbon Disulfide	4.186	76	147514	42.144	ug/l	100
18) Methyl Acetate	4.472	43	65291	56.339	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	147752	55.628	ug/l	98
20) Methylene Chloride	4.710	84	68823	58.913	ug/l	99
21) trans-1,2-Dichloroethene	5.216	96	55228	49.422	ug/l	98
22) Diisopropyl ether	6.112	45	191974	55.644	ug/l	97
23) Vinyl Acetate	6.051	43	604478	281.985	ug/l	100
24) 1,1-Dichloroethane	6.008	63	102699	52.239	ug/l	99
25) 2-Butanone	6.978	43	140723	291.955	ug/l	99
26) 2,2-Dichloropropane	6.972	77	86729	49.671	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	63760	53.219	ug/l	100
28) Bromochloromethane	7.331	49	38600	53.728	ug/l	99
29) Tetrahydrofuran	7.344	42	87343	300.452	ug/l	99
30) Chloroform	7.502	83	106579	54.885	ug/l	99
31) Cyclohexane	7.783	56	84914	44.719	ug/l	93
32) 1,1,1-Trichloroethane	7.697	97	92161	52.481	ug/l	99
36) 1,1-Dichloropropene	7.917	75	76787	49.029	ug/l	99
37) Ethyl Acetate	7.069	43	55691	56.417	ug/l	99
38) Carbon Tetrachloride	7.898	117	83976	51.923	ug/l	99
39) Methylcyclohexane	9.179	83	89552	48.095	ug/l	97
40) Benzene	8.154	78	229342	51.767	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	80523	151.405	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	75241	56.490	ug/l	100
43) Isopropyl Acetate	8.270	43	99878	56.711	ug/l	100
44) Trichloroethene	8.935	130	60450	51.753	ug/l	99
45) 1,2-Dichloropropane	9.215	63	59951	53.545	ug/l	99
46) Dibromomethane	9.301	93	35755	56.054	ug/l	99
47) Bromodichloromethane	9.496	83	83556	55.587	ug/l	95
48) Methyl methacrylate	9.288	41	46817	57.692	ug/l	99
49) 1,4-Dioxane	9.294	88	10799	1309.608	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	294208	307.968	ug/l	100
52) Toluene	10.239	92	142843	53.463	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	87622	55.575	ug/l	98
54) cis-1,3-Dichloropropene	9.922	75	96806	54.246	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	49801	56.062	ug/l	98
56) Ethyl methacrylate	10.508	69	69294	58.502	ug/l	99
57) 1,3-Dichloropropane	10.788	76	85842	56.735	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	182905	294.153	ug/l	100
59) 2-Hexanone	10.831	43	215376	310.202	ug/l	100
60) Dibromochloromethane	10.983	129	61790	57.142	ug/l	100
61) 1,2-Dibromoethane	11.087	107	47948	56.033	ug/l	99
64) Tetrachloroethene	10.715	164	54354	51.311	ug/l	98
65) Chlorobenzene	11.514	112	155495	50.922	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	59577	52.727	ug/l	99
67) Ethyl Benzene	11.593	91	271889	50.644	ug/l	100
68) m/p-Xylenes	11.703	106	209189	101.287	ug/l	99
69) o-Xylene	12.026	106	98960	51.340	ug/l	99
70) Styrene	12.044	104	171546	53.331	ug/l	99
71) Bromoform	12.209	173	41283	56.037	ug/l #	98
73) Isopropylbenzene	12.331	105	261897	45.604	ug/l	100
74) N-amyl acetate	12.142	43	89830	49.714	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.580	83	63522	49.205	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	83157	85.936	ug/l #	100
77) Bromobenzene	12.605	156	66133	47.403	ug/l	99
78) n-propylbenzene	12.672	91	325134	45.921	ug/l	100
79) 2-Chlorotoluene	12.757	91	184172	46.802	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	224670	47.405	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	22392	47.947	ug/l	97
82) 4-Chlorotoluene	12.855	91	191481	47.007	ug/l	98
83) tert-Butylbenzene	13.074	119	194680	47.591	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	221171	47.724	ug/l	100
85) sec-Butylbenzene	13.251	105	287093	46.004	ug/l	100
86) p-Isopropyltoluene	13.367	119	239527	46.963	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	128504	47.758	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	130154	47.394	ug/l	100
89) n-Butylbenzene	13.696	91	224776	46.036	ug/l	100
90) Hexachloroethane	13.958	117	49712	46.797	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	120384	49.493	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11208	53.720	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	73088	48.803	ug/l	97
94) Hexachlorobutadiene	15.111	225	43010	47.087	ug/l	98
95) Naphthalene	15.232	128	163585	54.509	ug/l	100
96) 1,2,3-Trichlorobenzene	15.421	180	67351	50.567	ug/l	99

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

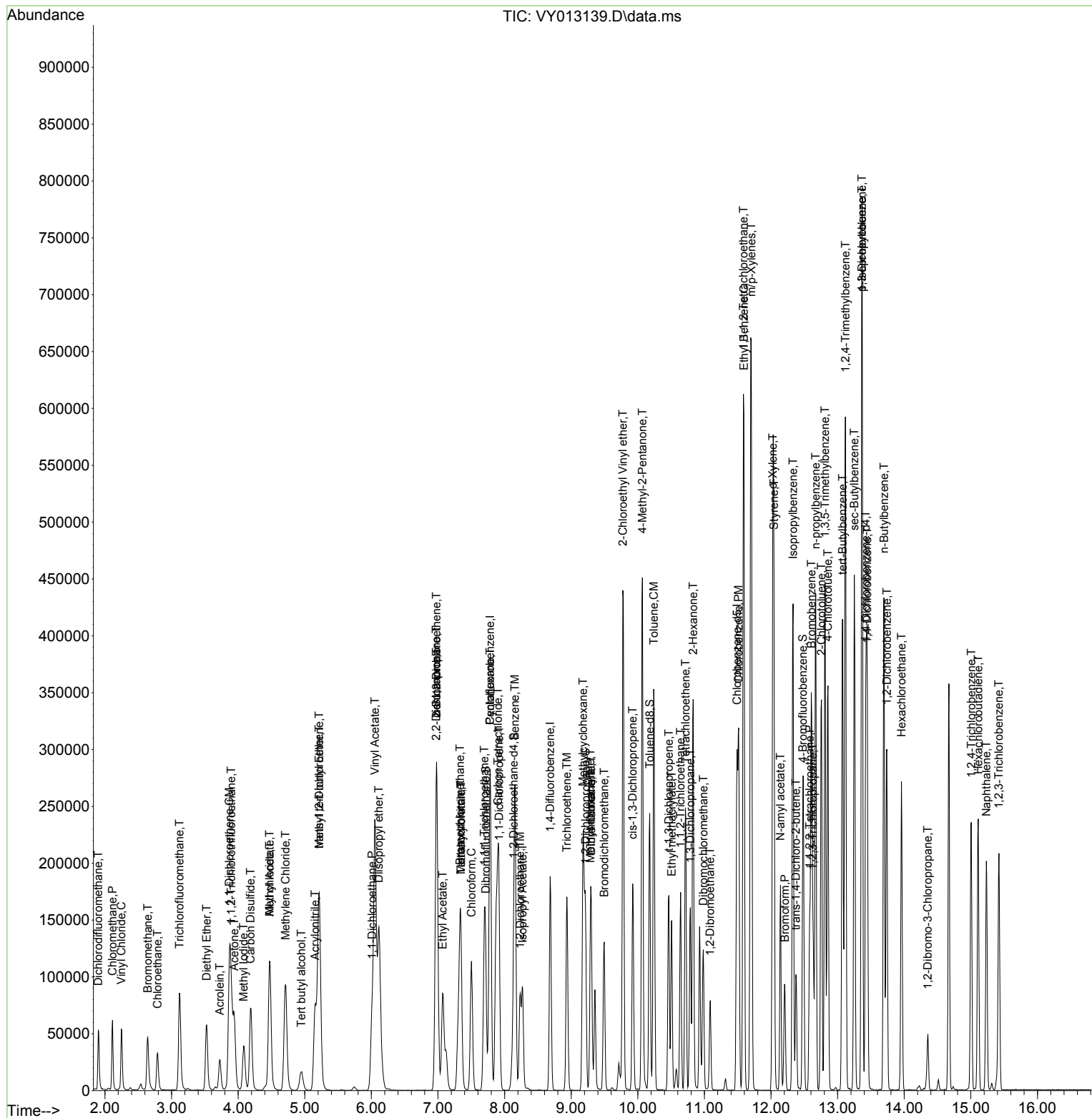
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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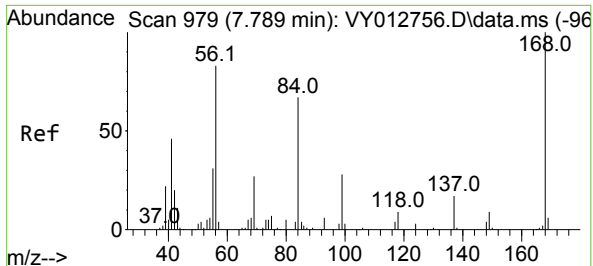
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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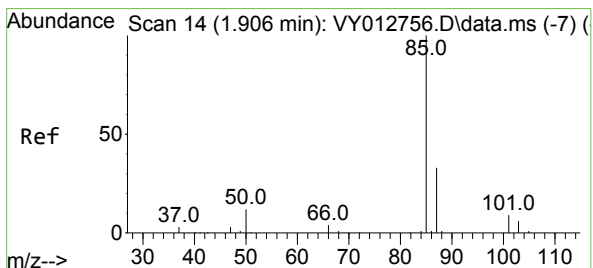
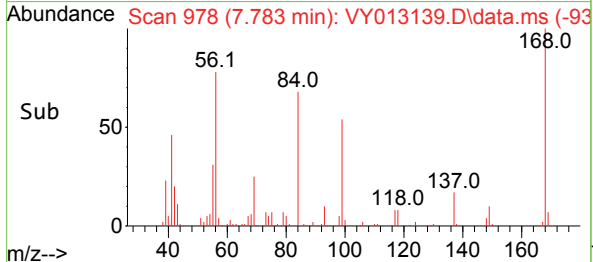
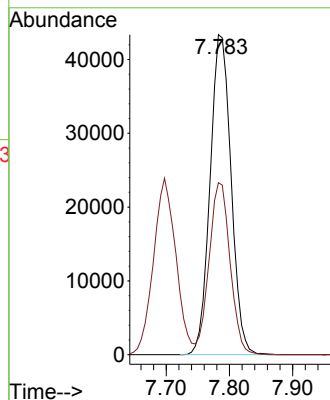
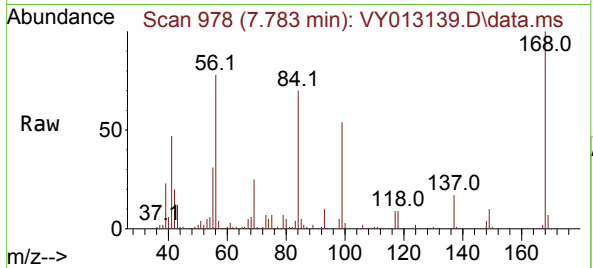




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
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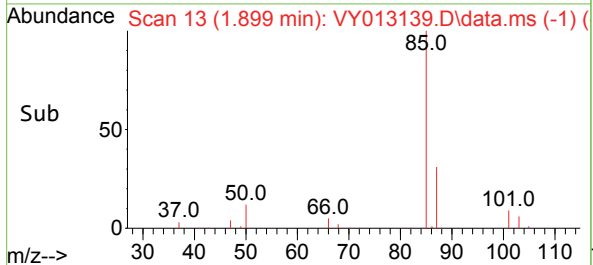
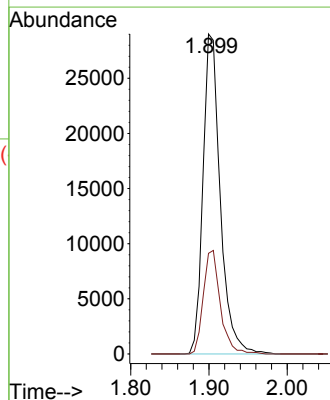
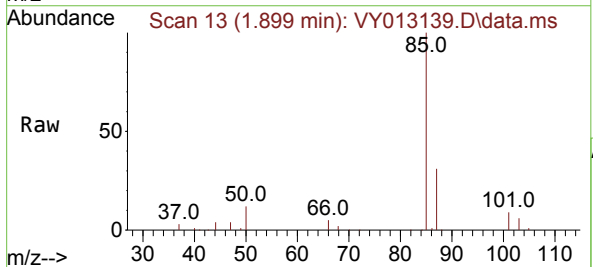
Instrument :
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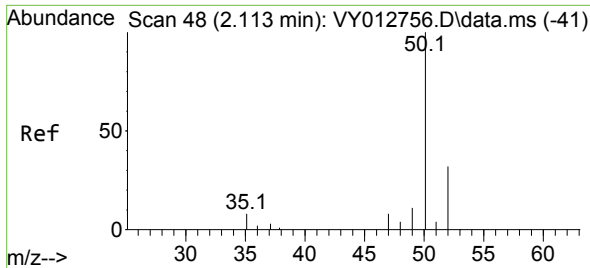
Tgt Ion:168 Resp: 99858
Ion Ratio Lower Upper
168 100
99 53.8 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 45.096 ug/l
RT: 1.899 min Scan# 13
Delta R.T. -0.007 min
Lab File: VY013139.D
Acq: 29 Mar 2023 18:55

Tgt Ion: 85 Resp: 44386
Ion Ratio Lower Upper
85 100
87 31.5 16.7 50.0

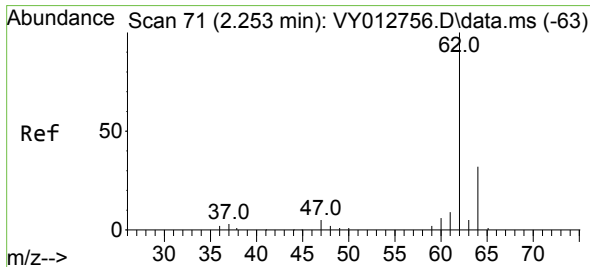
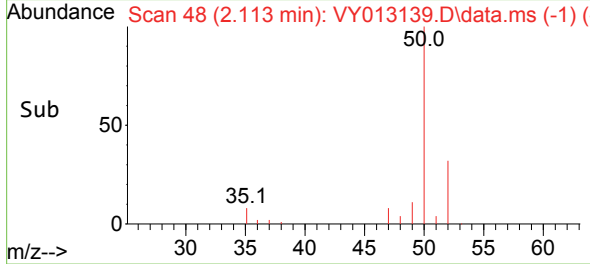
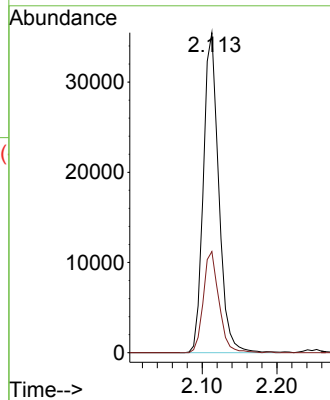
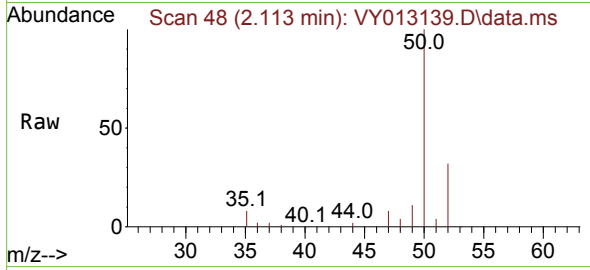




#3
Chloromethane
Concen: 42.991 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY013139.D
Acq: 29 Mar 2023 18:55

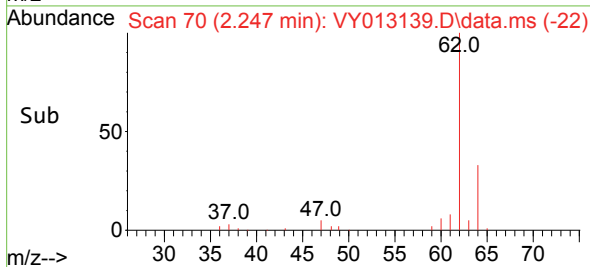
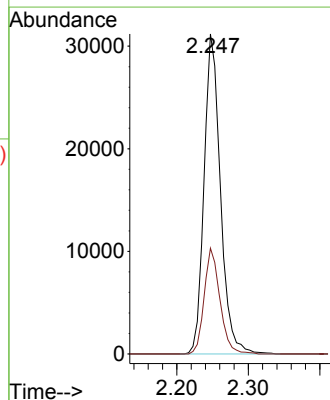
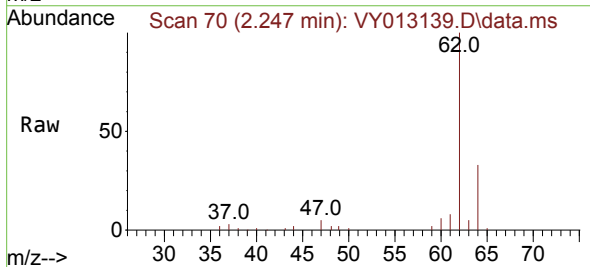
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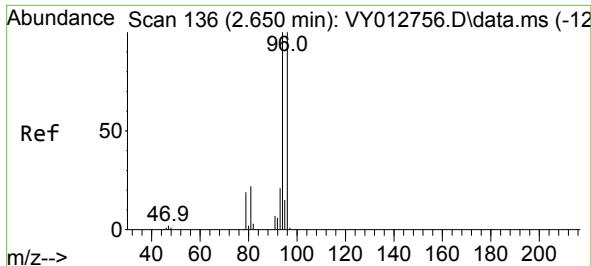
Tgt Ion: 50 Resp: 50586
Ion Ratio Lower Upper
50 100
52 31.6 26.0 39.0



#4
Vinyl Chloride
Concen: 45.968 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY013139.D
Acq: 29 Mar 2023 18:55

Tgt Ion: 62 Resp: 49599
Ion Ratio Lower Upper
62 100
64 33.1 25.6 38.4

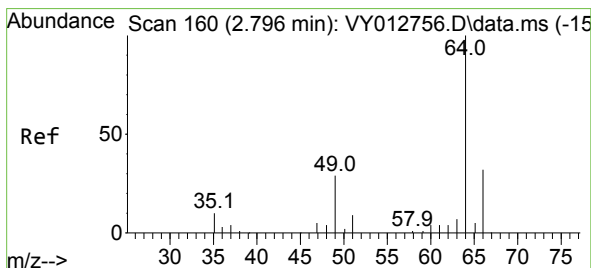
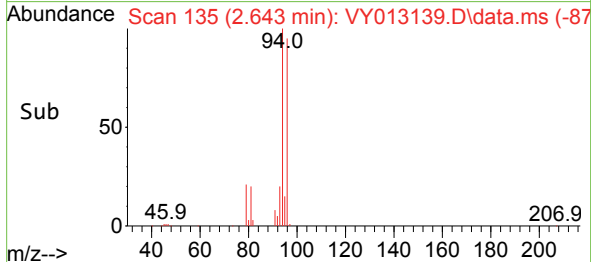
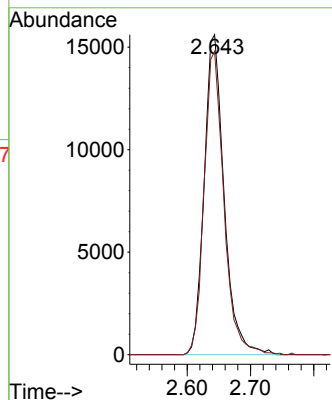
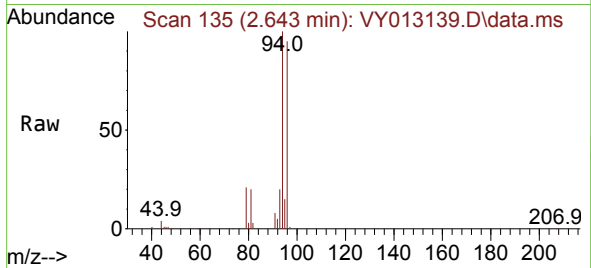




#5
Bromomethane
Concen: 52.211 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY013139.D
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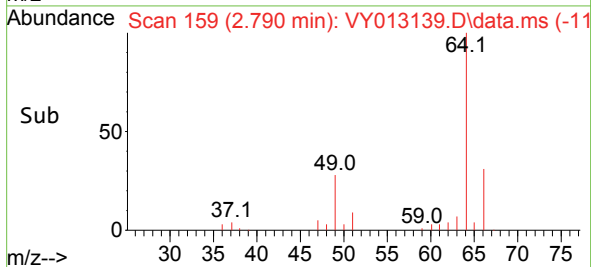
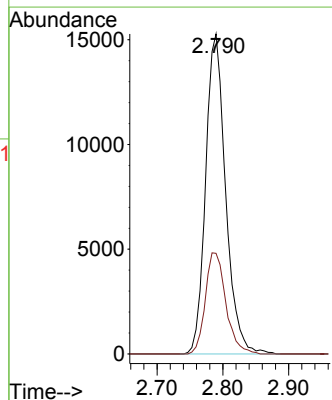
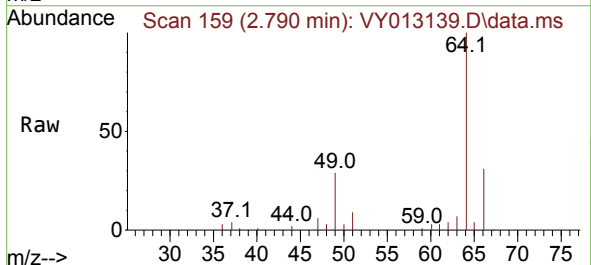
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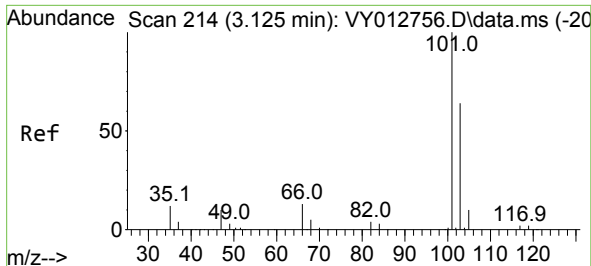
Tgt Ion: 94 Resp: 34231
Ion Ratio Lower Upper
94 100
96 94.8 80.3 120.5



#6
Chloroethane
Concen: 50.026 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY013139.D
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Tgt Ion: 64 Resp: 32327
Ion Ratio Lower Upper
64 100
66 31.4 25.7 38.5

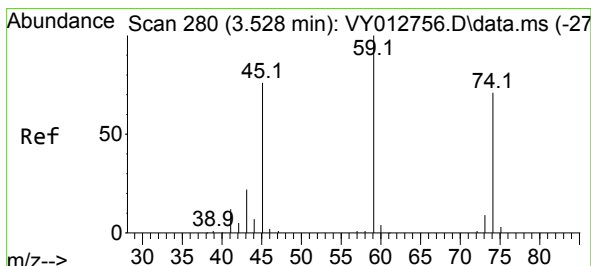
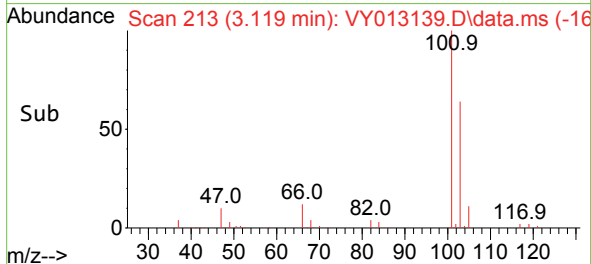
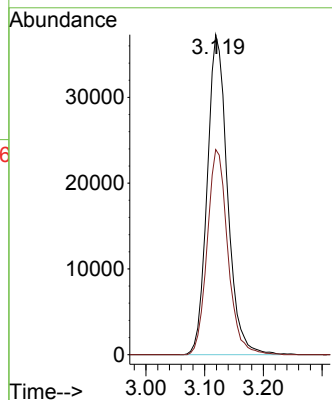
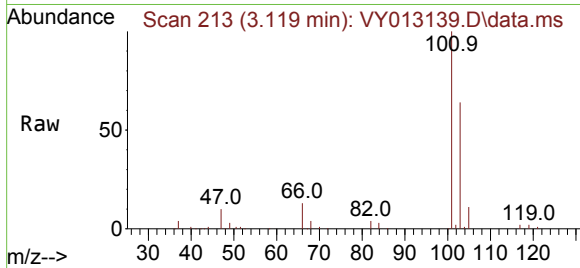




#7
 Trichlorofluoromethane
 Concen: 49.812 ug/l
 RT: 3.119 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY013139.D
 Acq: 29 Mar 2023 18:55

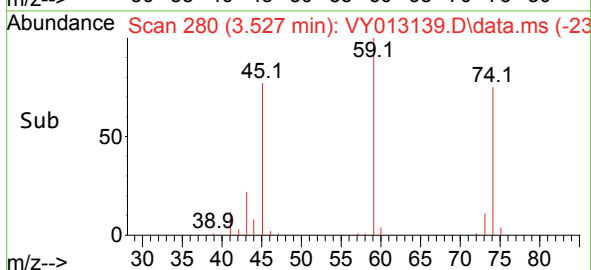
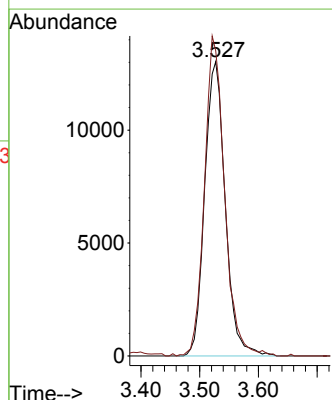
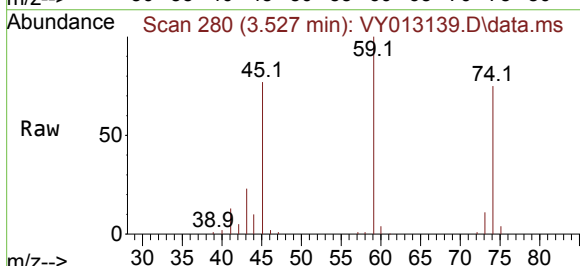
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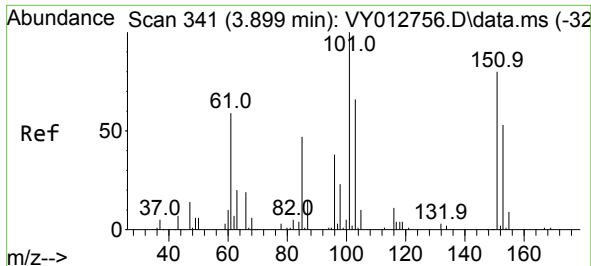
Tgt Ion:101 Resp: 89267
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.5 77.3



#8
 Diethyl Ether
 Concen: 50.429 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.001 min
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Tgt Ion: 74 Resp: 31670
 Ion Ratio Lower Upper
 74 100
 45 106.4 52.1 156.4

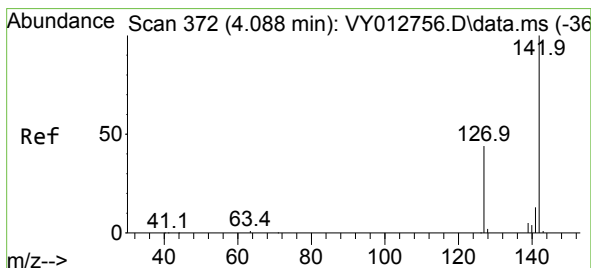
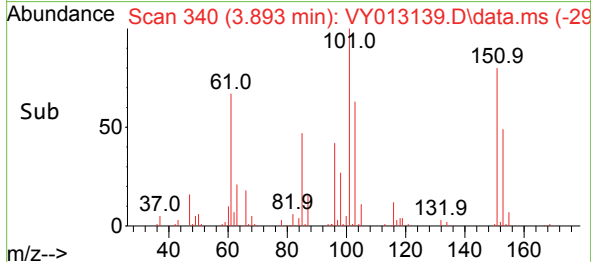
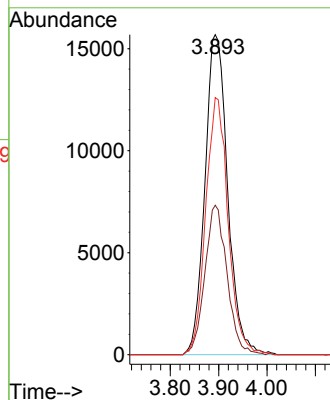
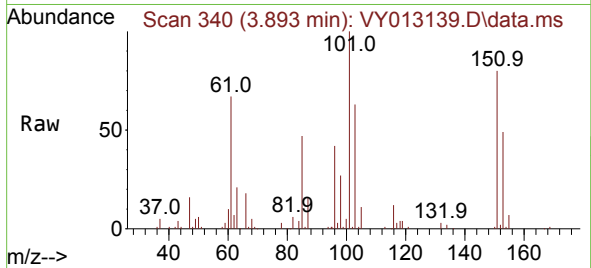




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.675 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY013139.D
Acq: 29 Mar 2023 18:55

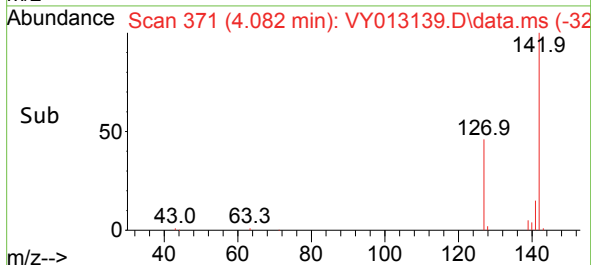
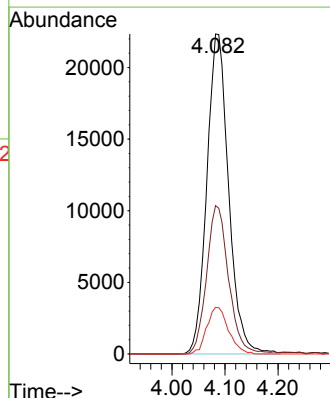
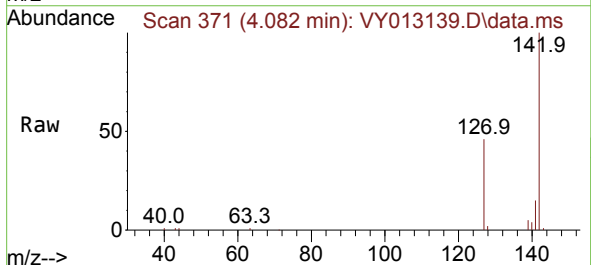
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

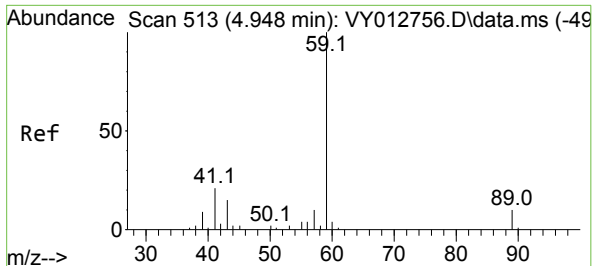
Tgt Ion:101 Resp: 51403
Ion Ratio Lower Upper
101 100
85 45.5 35.3 52.9
151 79.0 63.1 94.7



#10
Methyl Iodide
Concen: 45.372 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY013139.D
Acq: 29 Mar 2023 18:55

Tgt Ion:142 Resp: 63741
Ion Ratio Lower Upper
142 100
127 47.0 35.4 53.2
141 14.5 11.3 16.9

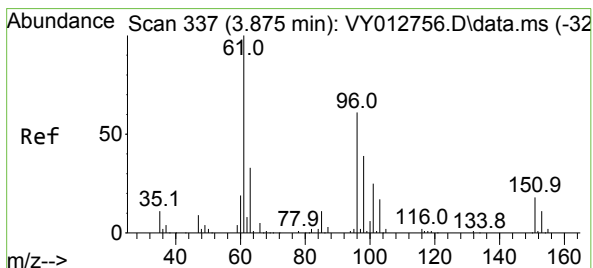
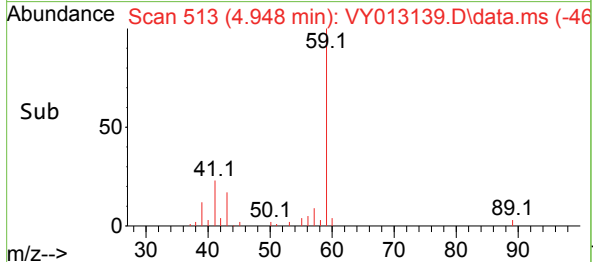
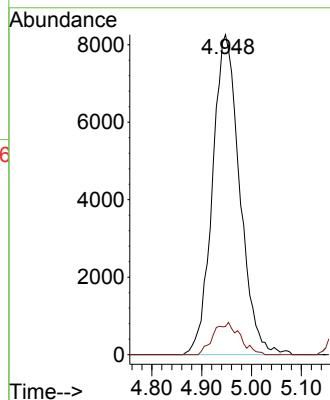
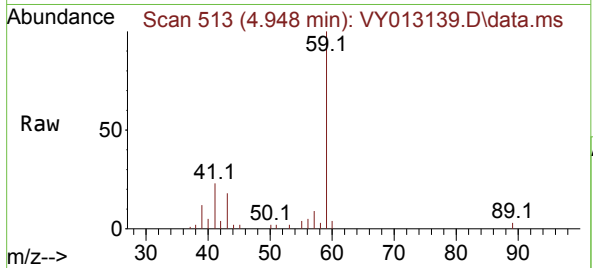




#11
Tert butyl alcohol
Concen: 277.196 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY013139.D
Acq: 29 Mar 2023 18:55

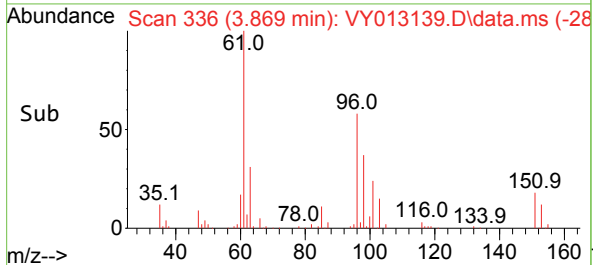
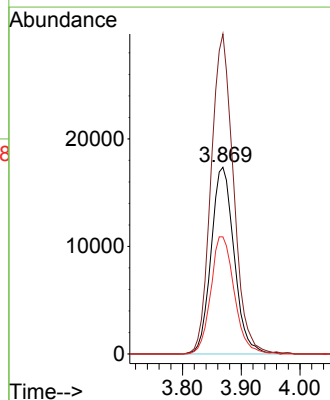
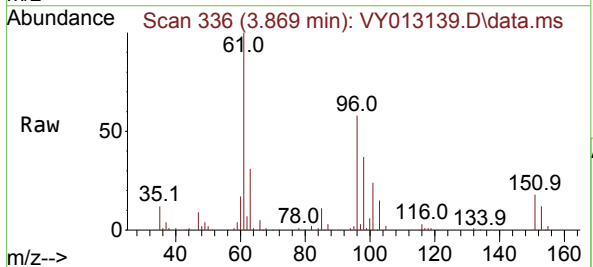
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

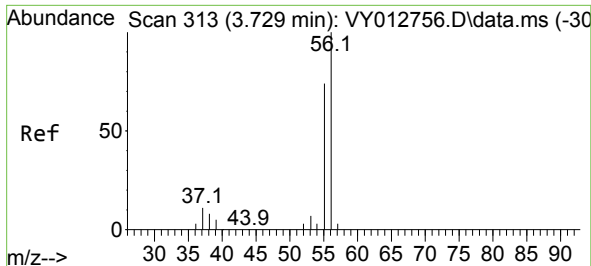
Tgt Ion: 59 Resp: 31356
Ion Ratio Lower Upper
59 100
57 9.9 7.7 11.5



#12
1,1-Dichloroethene
Concen: 46.018 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY013139.D
Acq: 29 Mar 2023 18:55

Tgt Ion: 96 Resp: 47321
Ion Ratio Lower Upper
96 100
61 171.4 131.7 197.5
98 62.7 52.0 78.0

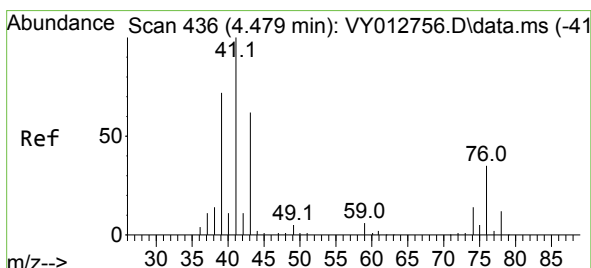
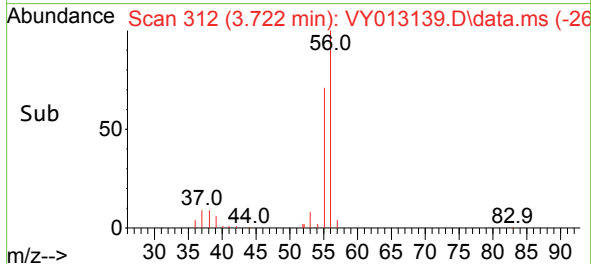
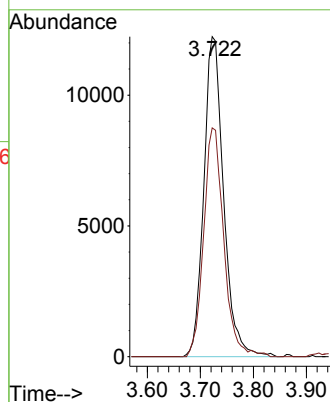
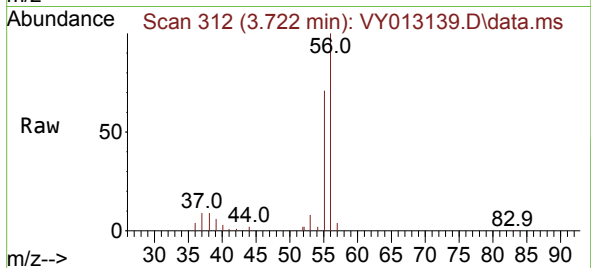




#13
Acrolein
Concen: 182.743 ug/l
RT: 3.722 min Scan# 313
Delta R.T. -0.007 min
Lab File: VY013139.D
Acq: 29 Mar 2023 18:55

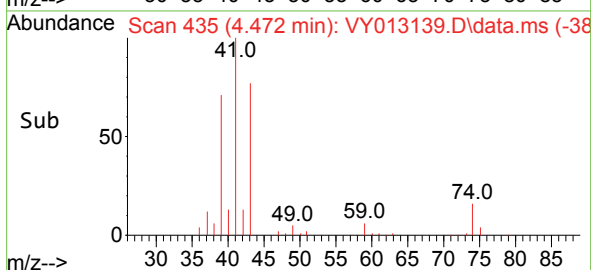
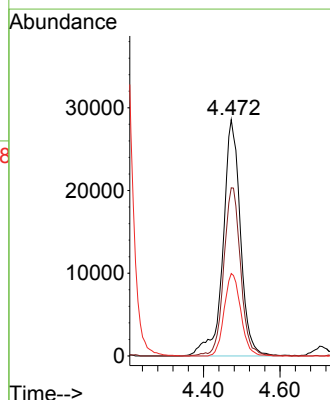
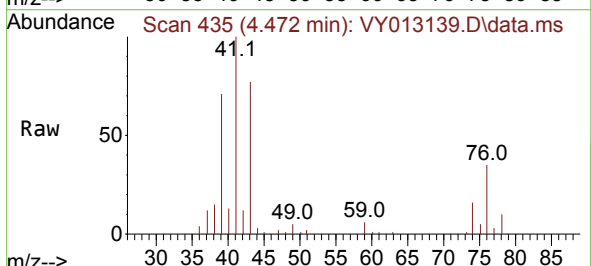
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

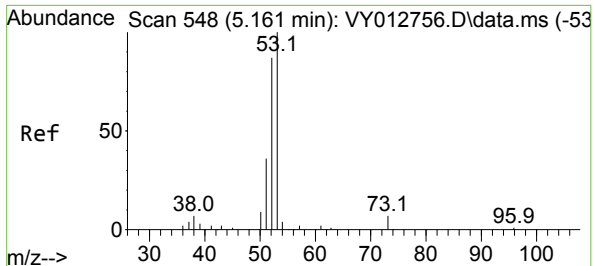
Tgt Ion: 56 Resp: 31743
Ion Ratio Lower Upper
56 100
55 72.6 56.8 85.2



#14
Allyl chloride
Concen: 47.458 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.007 min
Lab File: VY013139.D
Acq: 29 Mar 2023 18:55

Tgt Ion: 41 Resp: 90147
Ion Ratio Lower Upper
41 100
39 68.9 53.6 80.4
76 33.3 27.2 40.8





#15

Acrylonitrile

Concen: 290.102 ug/l

RT: 5.155 min Scan# 54

Delta R.T. -0.006 min

Lab File: VY013139.D

Acq: 29 Mar 2023 18:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

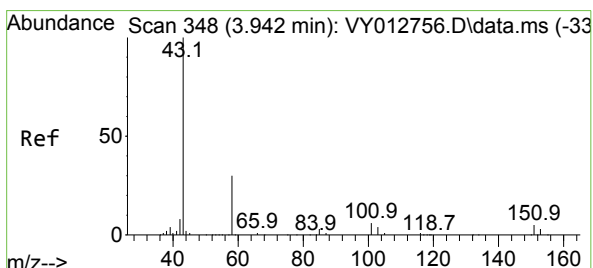
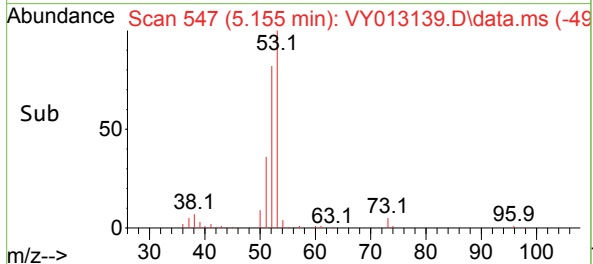
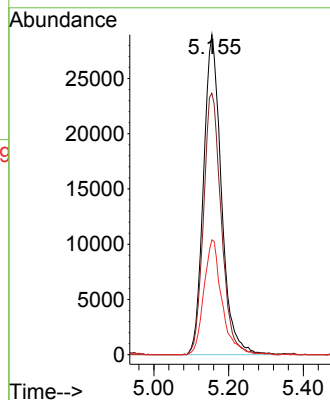
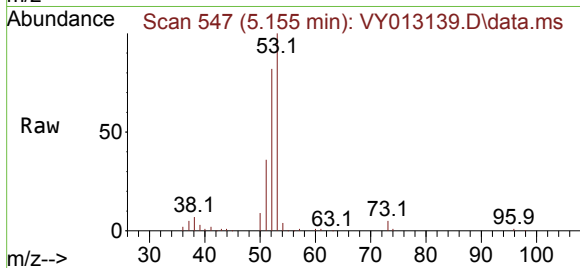
Tgt Ion: 53 Resp: 95994

Ion Ratio Lower Upper

53 100

52 81.1 66.3 99.5

51 36.2 28.8 43.2



#16

Acetone

Concen: 258.763 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.000 min

Lab File: VY013139.D

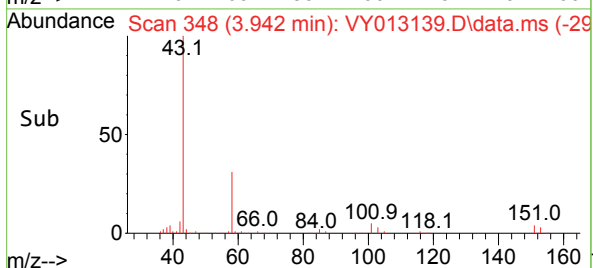
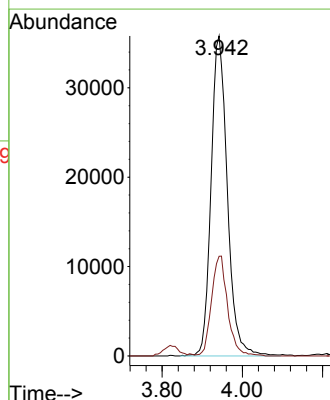
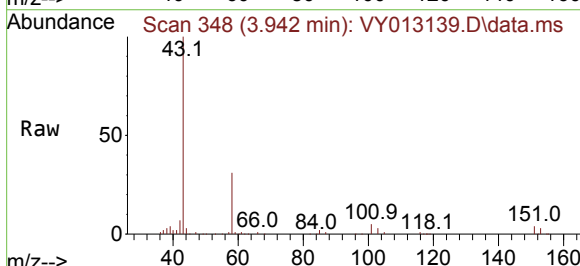
Acq: 29 Mar 2023 18:55

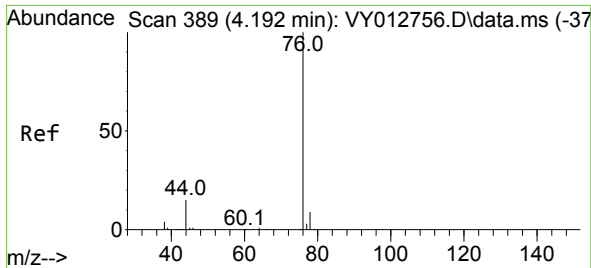
Tgt Ion: 43 Resp: 100699

Ion Ratio Lower Upper

43 100

58 31.2 24.2 36.2

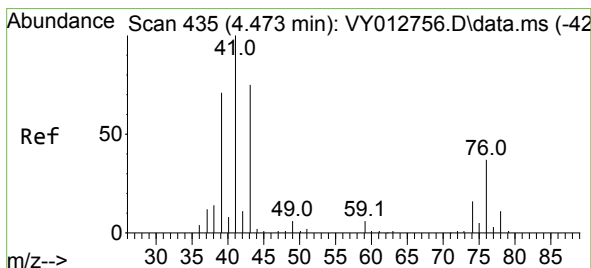
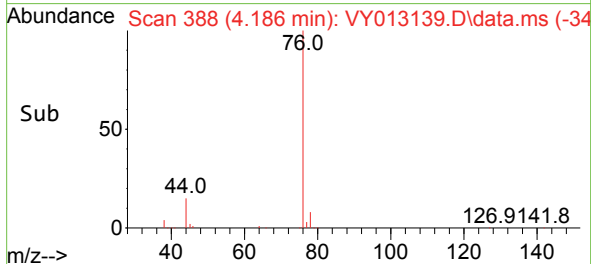
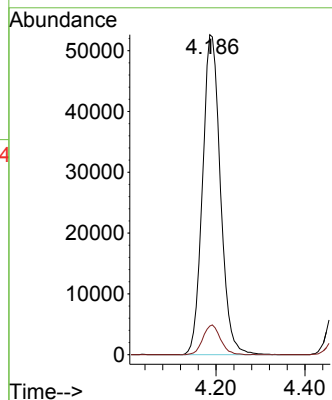
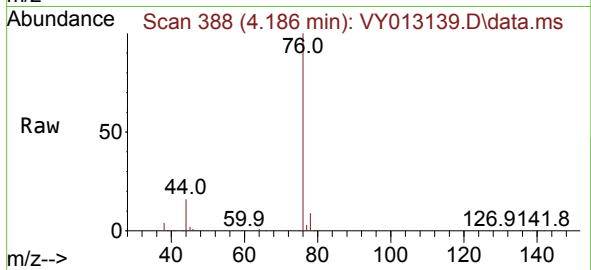




#17
Carbon Disulfide
Concen: 42.144 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.006 min
Lab File: VY013139.D
Acq: 29 Mar 2023 18:55

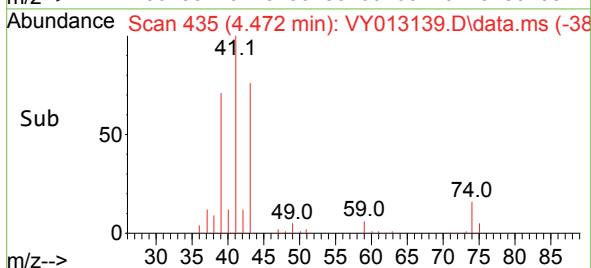
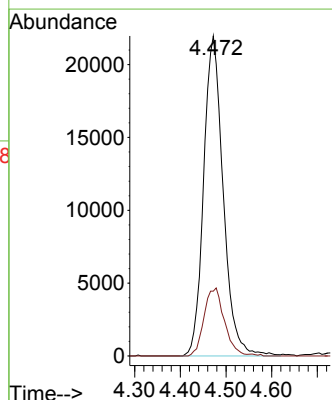
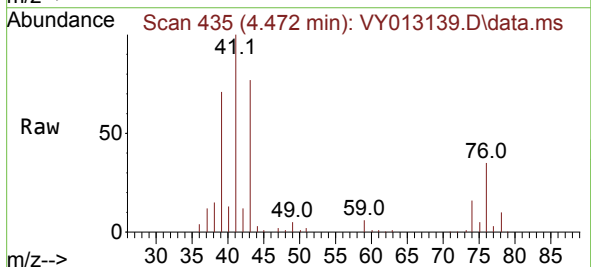
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

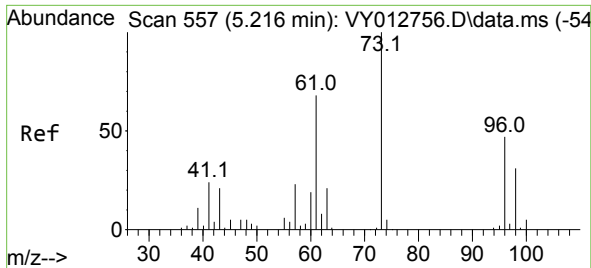
Tgt Ion: 76 Resp: 147514
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 56.339 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY013139.D
Acq: 29 Mar 2023 18:55

Tgt Ion: 43 Resp: 65291
Ion Ratio Lower Upper
43 100
74 22.3 17.4 26.0

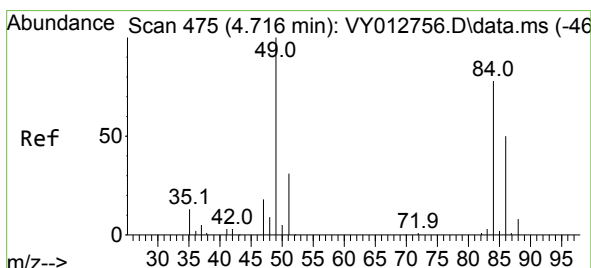
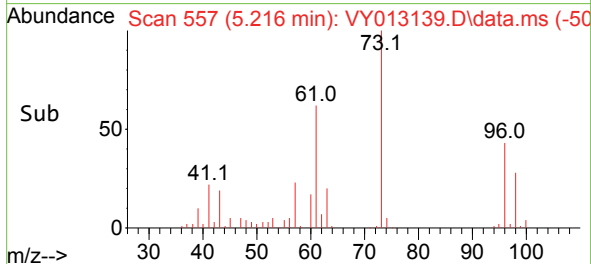
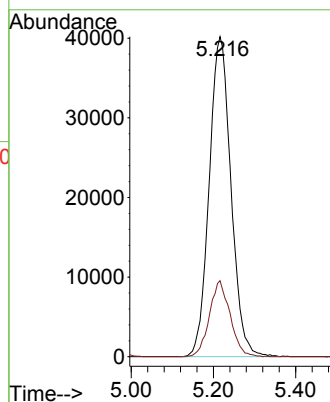
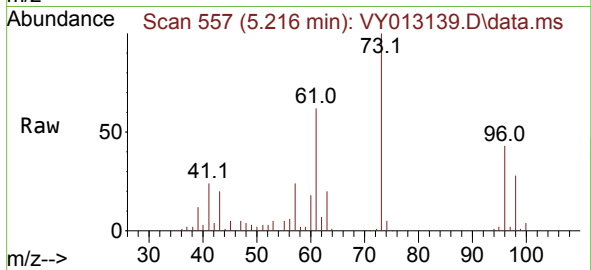




#19
Methyl tert-butyl Ether
Concen: 55.628 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY013139.D
Acq: 29 Mar 2023 18:55

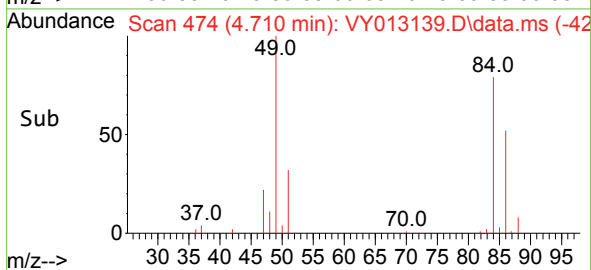
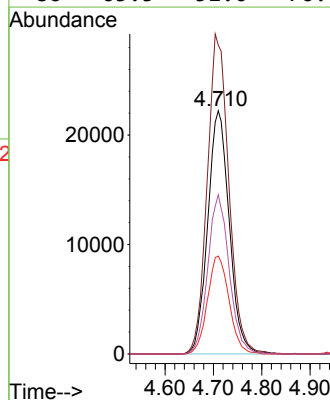
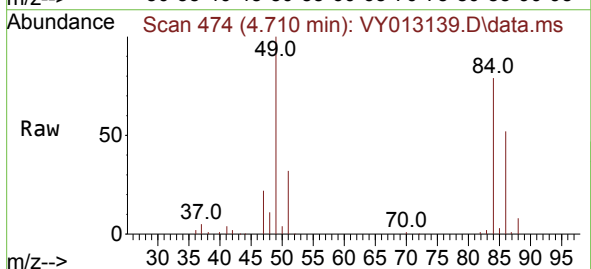
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

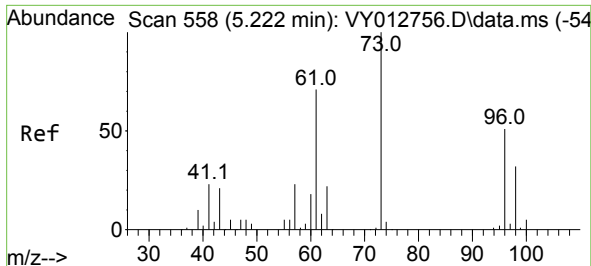
Tgt Ion: 73 Resp: 147752
Ion Ratio Lower Upper
73 100
57 23.7 18.3 27.5



#20
Methylene Chloride
Concen: 58.913 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013139.D
Acq: 29 Mar 2023 18:55

Tgt Ion: 84 Resp: 68823
Ion Ratio Lower Upper
84 100
49 127.0 102.6 154.0
51 40.3 31.9 47.9
86 65.5 51.0 76.6

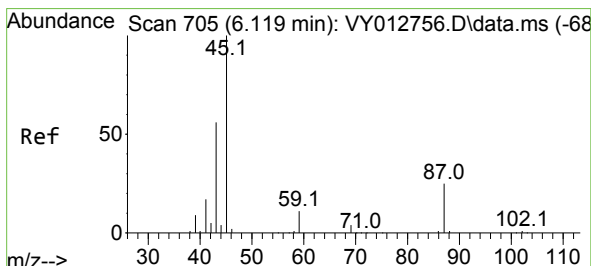
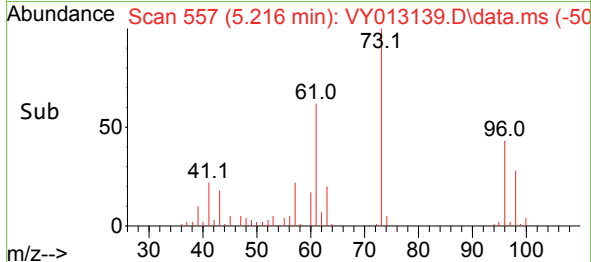
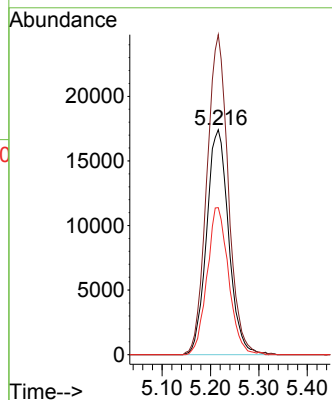
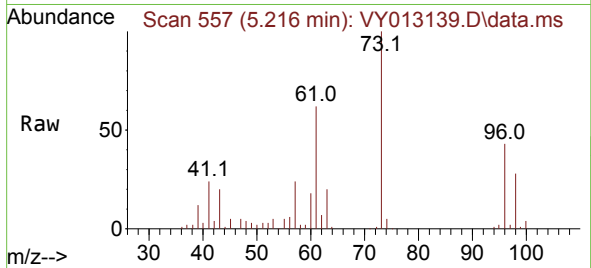




#21
trans-1,2-Dichloroethene
Concen: 49.422 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013139.D
Acq: 29 Mar 2023 18:55

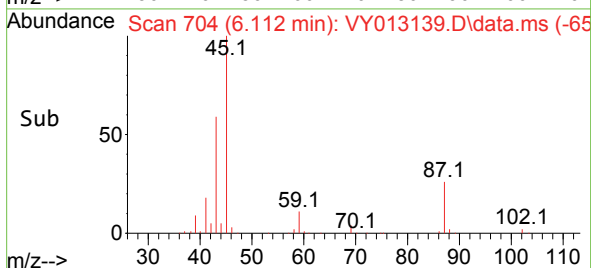
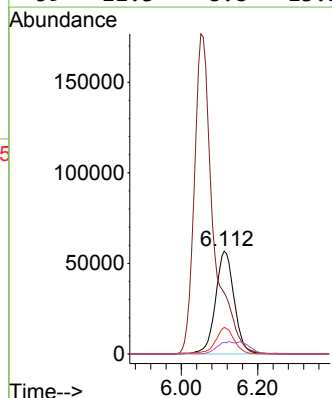
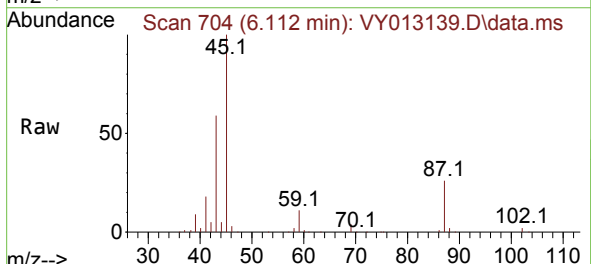
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

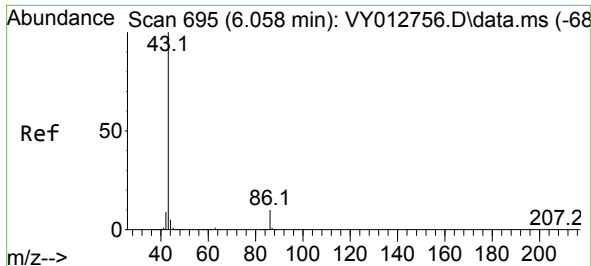
Tgt Ion: 96 Resp: 55228
Ion Ratio Lower Upper
96 100
61 142.3 111.4 167.0
98 65.4 50.8 76.2



#22
Diisopropyl ether
Concen: 55.644 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.007 min
Lab File: VY013139.D
Acq: 29 Mar 2023 18:55

Tgt Ion: 45 Resp: 191974
Ion Ratio Lower Upper
45 100
43 59.1 45.0 67.6
87 25.9 20.3 30.5
59 11.3 8.8 13.2

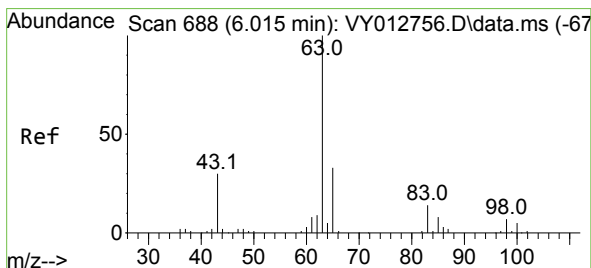
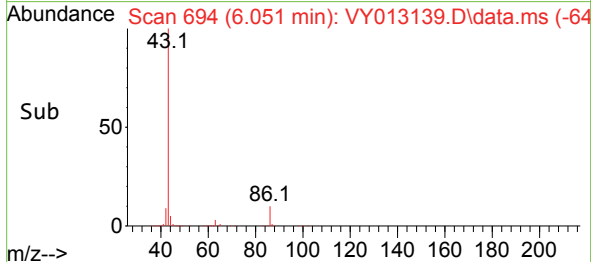
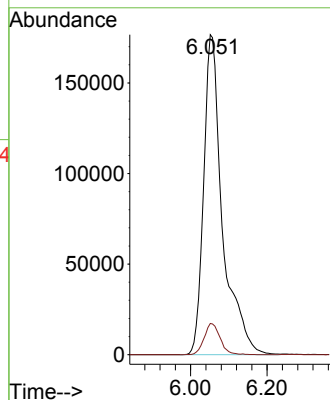
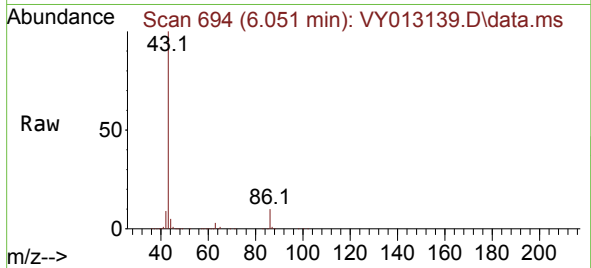




#23
 Vinyl Acetate
 Concen: 281.985 ug/l
 RT: 6.051 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: VY013139.D
 Acq: 29 Mar 2023 18:55

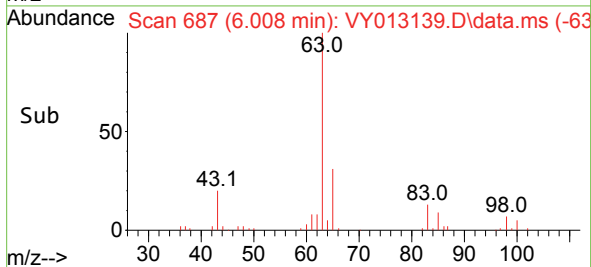
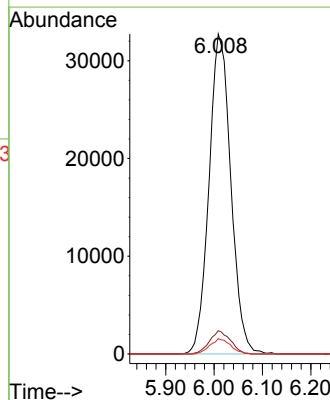
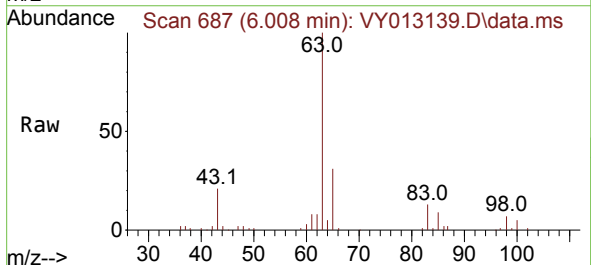
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

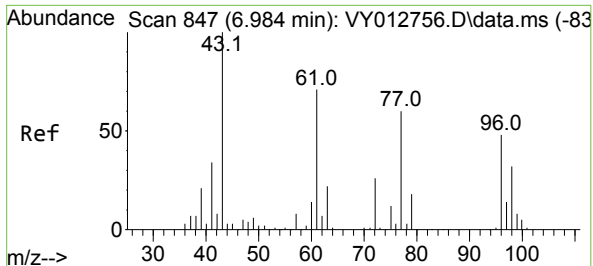
Tgt Ion: 43 Resp: 604478
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 52.239 ug/l
 RT: 6.008 min Scan# 687
 Delta R.T. -0.007 min
 Lab File: VY013139.D
 Acq: 29 Mar 2023 18:55

Tgt Ion: 63 Resp: 102699
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.7 11.1
 100 4.8 2.3 6.8





#25

2-Butanone

Concen: 291.955 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY013139.D

Acq: 29 Mar 2023 18:55

Instrument :

MSVOA_Y

ClientSampleId :

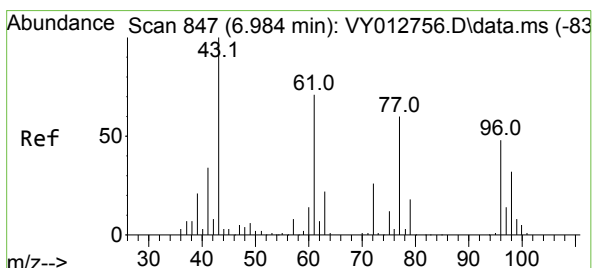
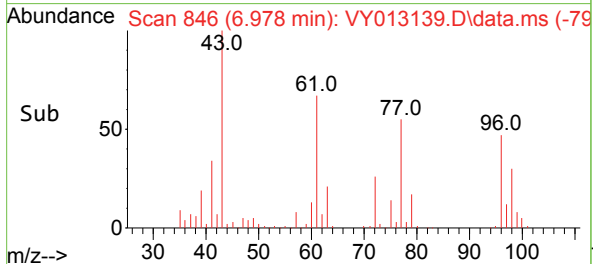
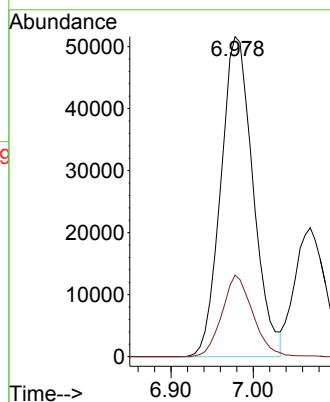
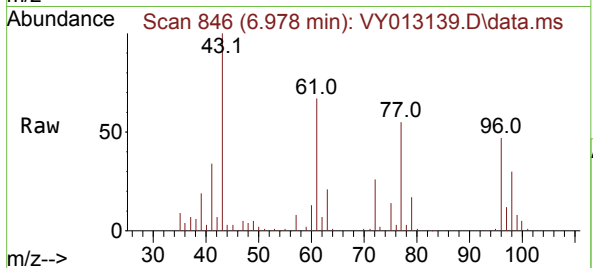
VSTDCCC050EC

Tgt Ion: 43 Resp: 140723

Ion Ratio Lower Upper

43 100

72 25.5 21.0 31.4



#26

2,2-Dichloropropane

Concen: 49.671 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.012 min

Lab File: VY013139.D

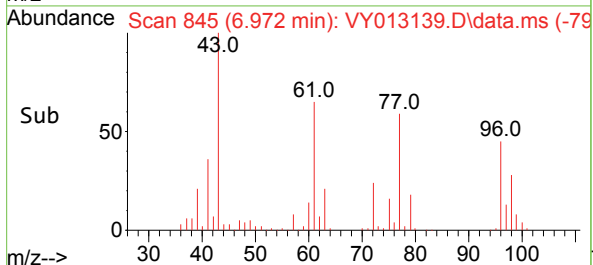
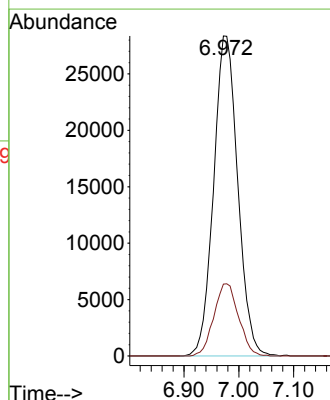
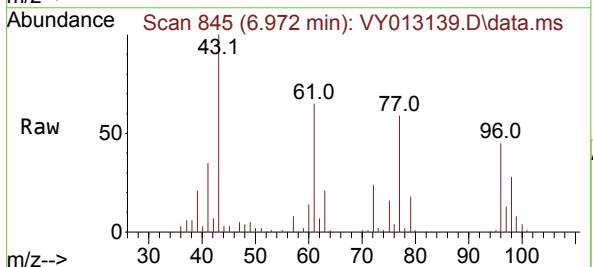
Acq: 29 Mar 2023 18:55

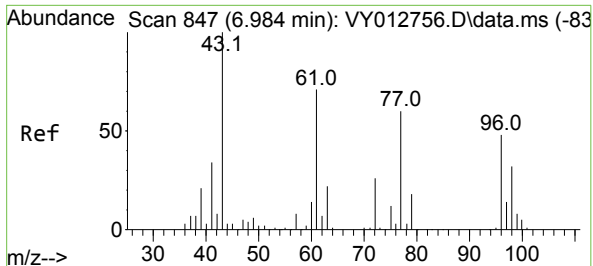
Tgt Ion: 77 Resp: 86729

Ion Ratio Lower Upper

77 100

97 23.1 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 53.219 ug/l

RT: 6.978 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY013139.D

Acq: 29 Mar 2023 18:55

Instrument :

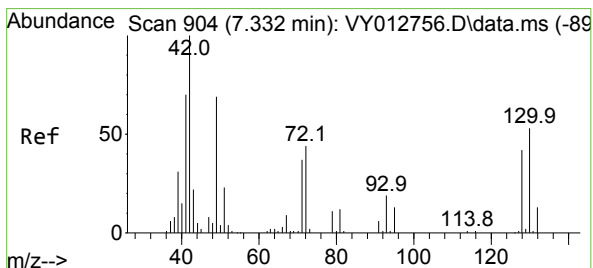
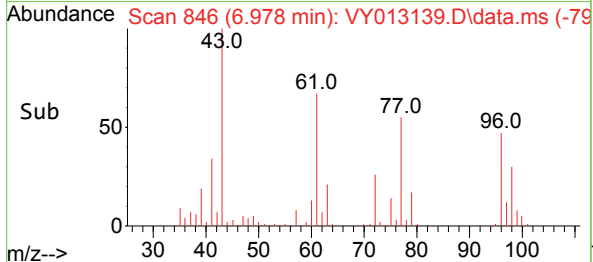
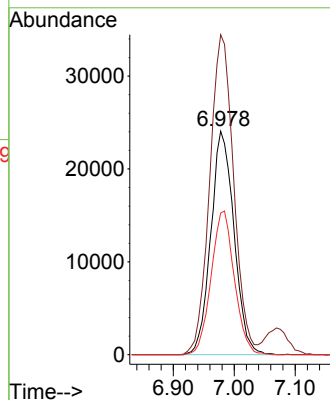
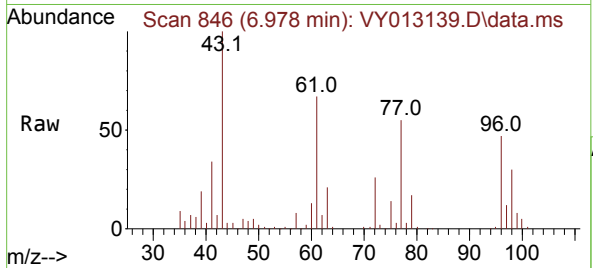
MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 63760

Ion	Ratio	Lower	Upper
96	100		
61	148.0	0.0	295.8
98	64.3	0.0	130.2



#28

Bromochloromethane

Concen: 53.728 ug/l

RT: 7.331 min Scan# 904

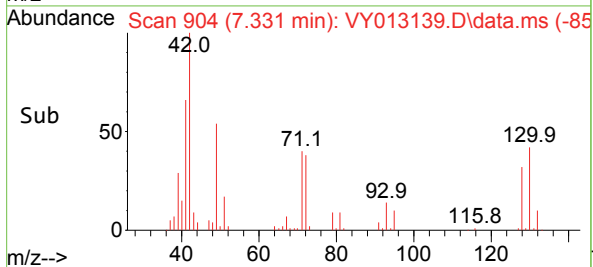
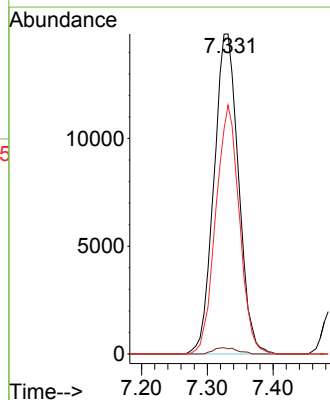
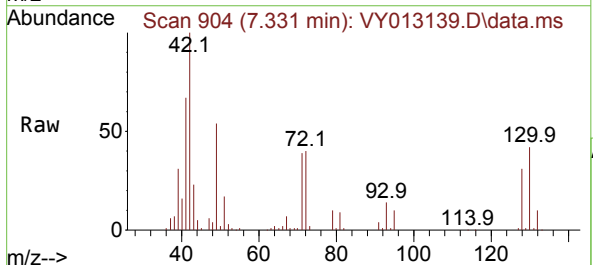
Delta R.T. -0.001 min

Lab File: VY013139.D

Acq: 29 Mar 2023 18:55

Tgt Ion: 49 Resp: 38600

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.2
130	74.7	60.5	90.7





#29

Tetrahydrofuran

Concen: 300.452 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY013139.D

Acq: 29 Mar 2023 18:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

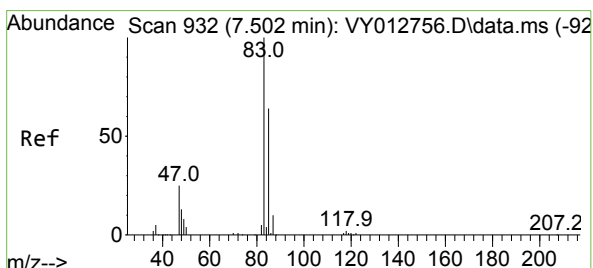
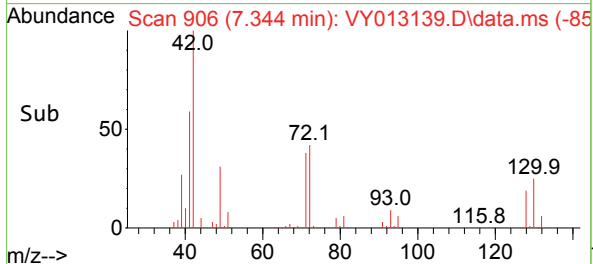
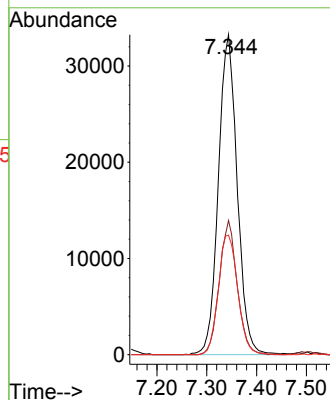
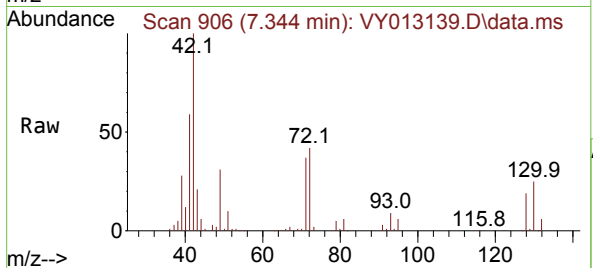
Tgt Ion: 42 Resp: 87343

Ion Ratio Lower Upper

42 100

72 39.7 32.3 48.5

71 38.4 30.3 45.5



#30

Chloroform

Concen: 54.885 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY013139.D

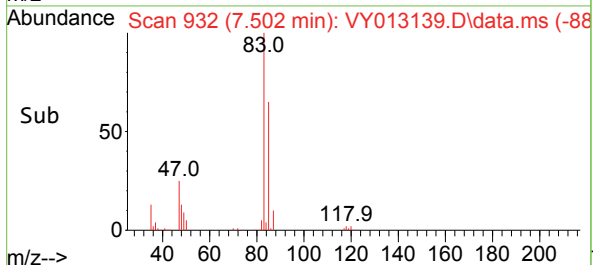
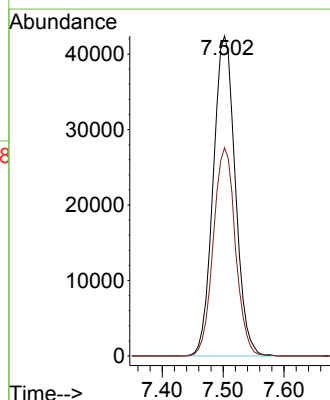
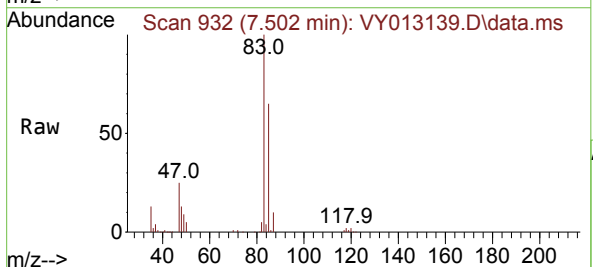
Acq: 29 Mar 2023 18:55

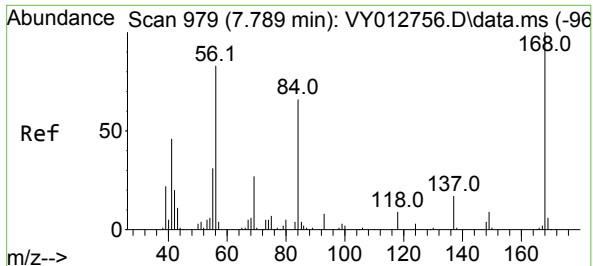
Tgt Ion: 83 Resp: 106579

Ion Ratio Lower Upper

83 100

85 65.1 51.4 77.0

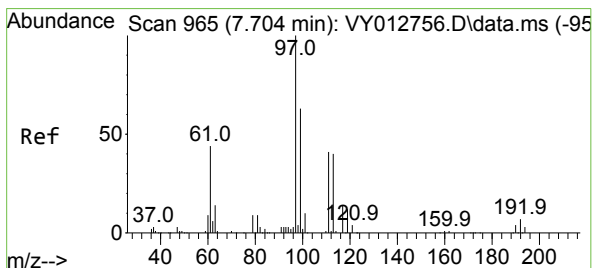
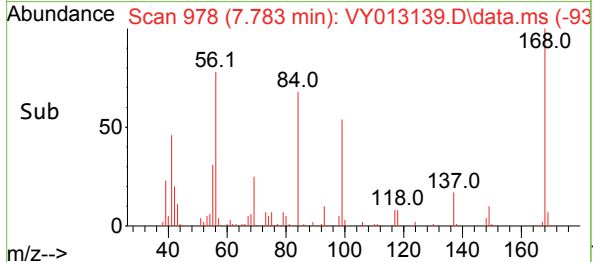
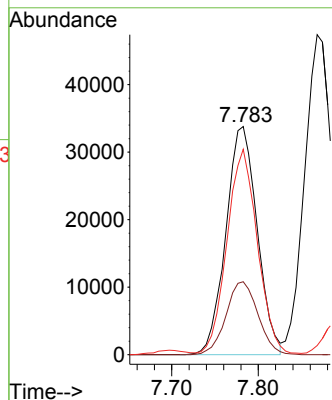
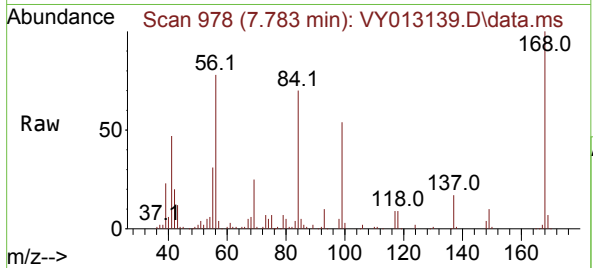




#31
Cyclohexane
Concen: 44.719 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013139.D
Acq: 29 Mar 2023 18:55

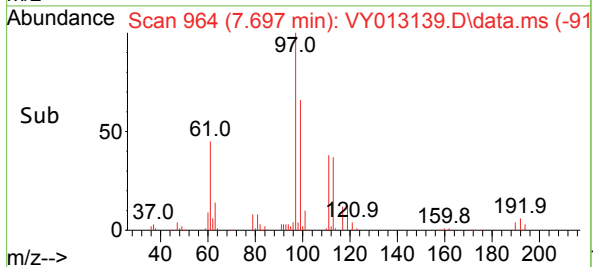
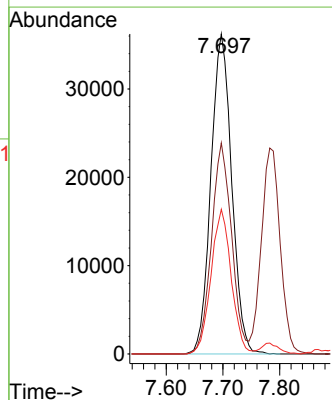
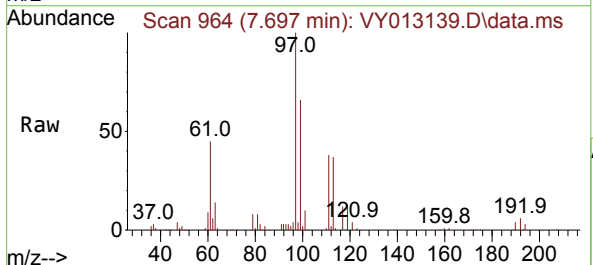
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

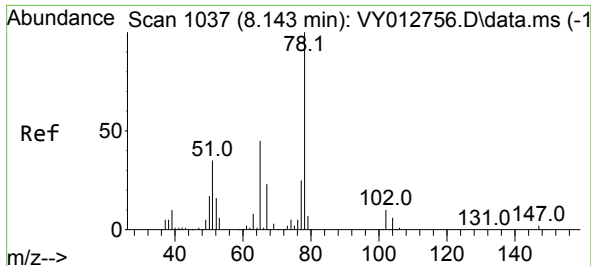
Tgt Ion: 56 Resp: 84914
Ion Ratio Lower Upper
56 100
69 32.0 25.7 38.5
84 88.5 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 52.481 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.007 min
Lab File: VY013139.D
Acq: 29 Mar 2023 18:55

Tgt Ion: 97 Resp: 92161
Ion Ratio Lower Upper
97 100
99 64.3 51.0 76.6
61 44.0 34.5 51.7

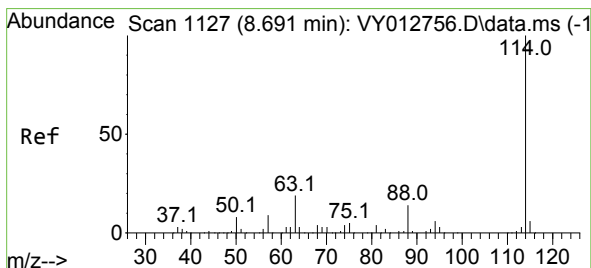
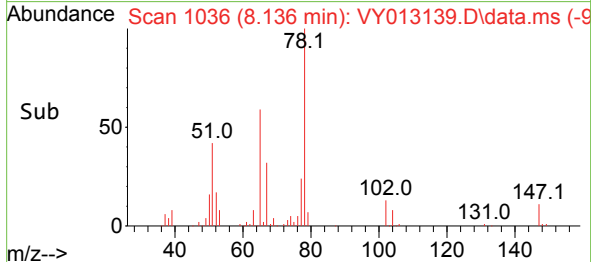
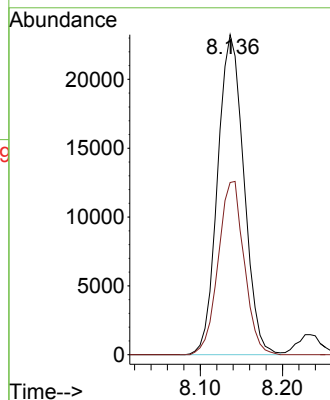
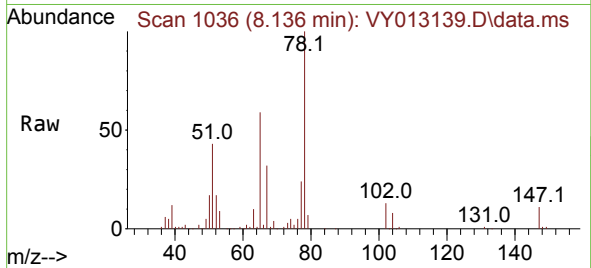




#33
 1,2-Dichloroethane-d4
 Concen: 52.115 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.007 min
 Lab File: VY013139.D
 Acq: 29 Mar 2023 18:55

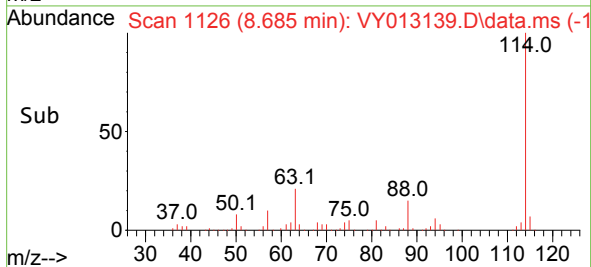
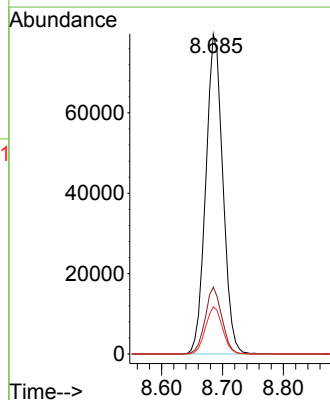
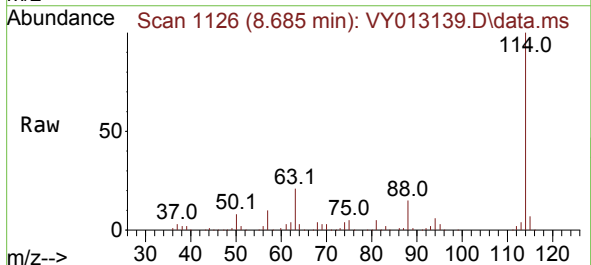
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 51670
 Ion Ratio Lower Upper
 65 100
 67 53.5 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: VY013139.D
 Acq: 29 Mar 2023 18:55

Tgt Ion: 114 Resp: 154862
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 37.4
 88 14.8 0.0 28.6

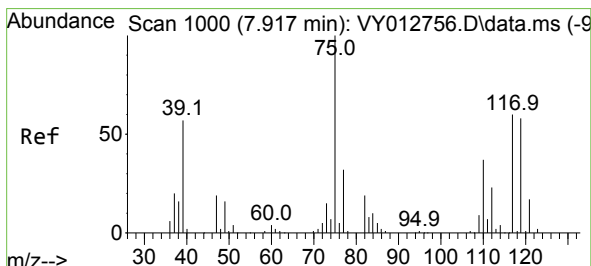
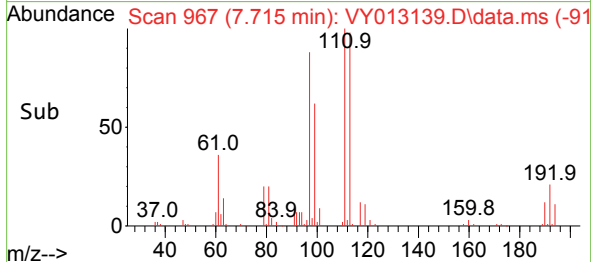
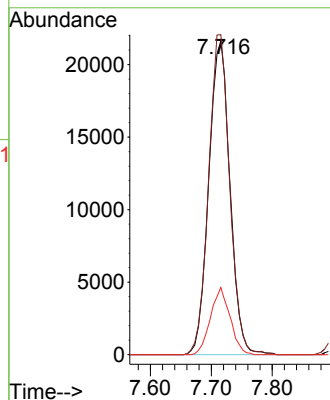
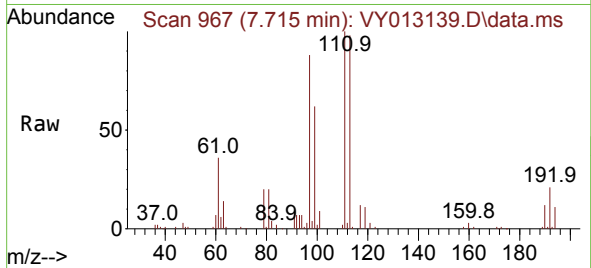




#35
Dibromofluoromethane
Concen: 55.924 ug/l
RT: 7.715 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013139.D
Acq: 29 Mar 2023 18:55

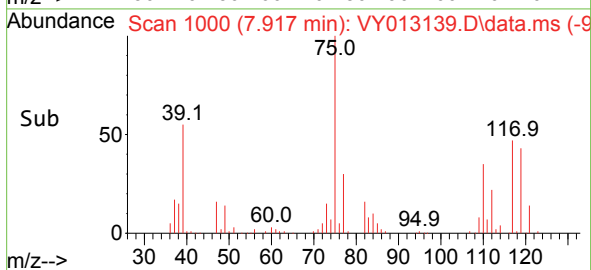
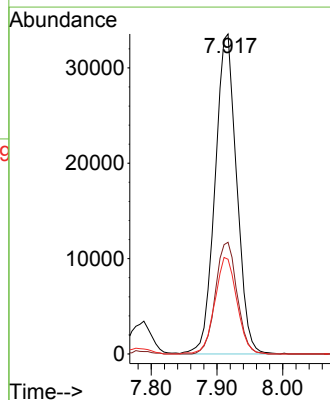
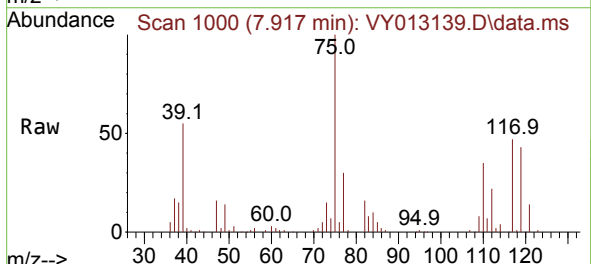
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

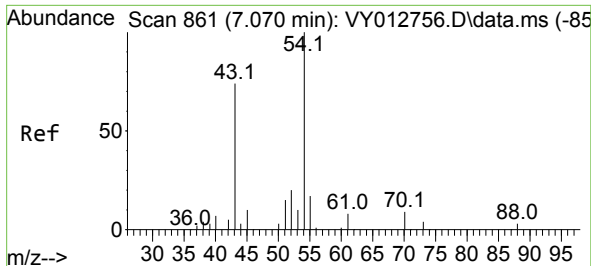
Tgt Ion:113 Resp: 52266
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.2
192 19.8 16.8 25.2



#36
1,1-Dichloropropene
Concen: 49.029 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY013139.D
Acq: 29 Mar 2023 18:55

Tgt Ion: 75 Resp: 76787
Ion Ratio Lower Upper
75 100
110 34.8 17.8 53.3
77 30.9 25.0 37.4





#37

Ethyl Acetate

Concen: 56.417 ug/l

RT: 7.069 min Scan# 861

Delta R.T. -0.000 min

Lab File: VY013139.D

Acq: 29 Mar 2023 18:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

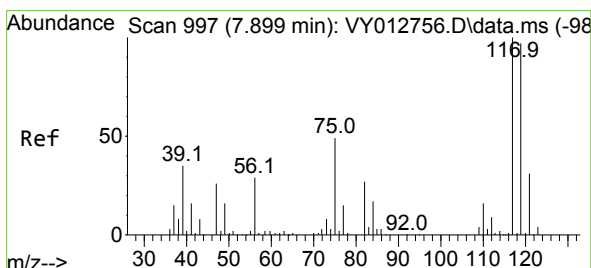
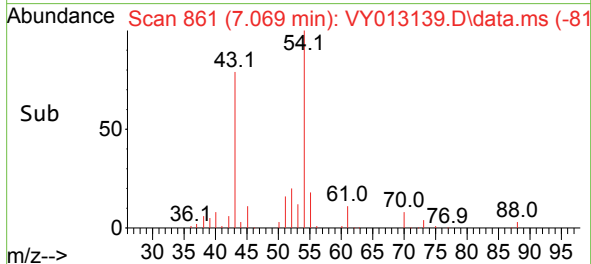
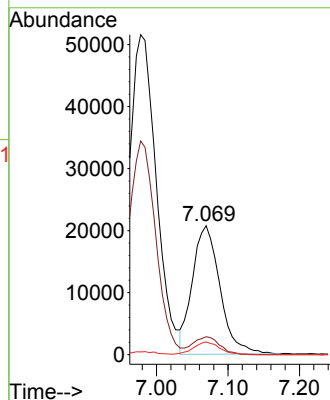
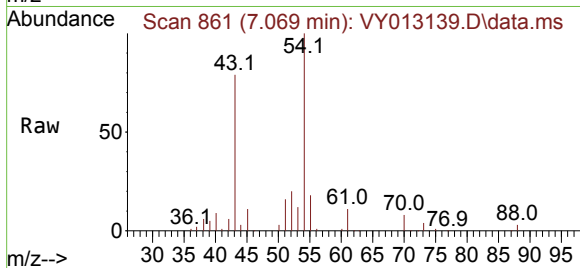
Tgt Ion: 43 Resp: 55691

Ion Ratio Lower Upper

43 100

61 13.3 10.7 16.1

70 9.4 7.8 11.8



#38

Carbon Tetrachloride

Concen: 51.923 ug/l

RT: 7.898 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY013139.D

Acq: 29 Mar 2023 18:55

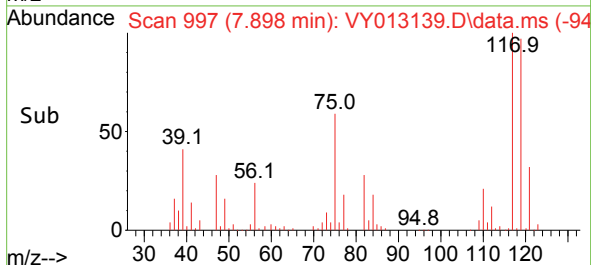
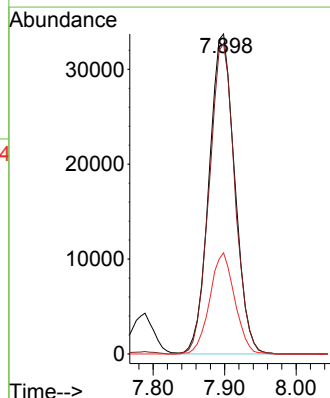
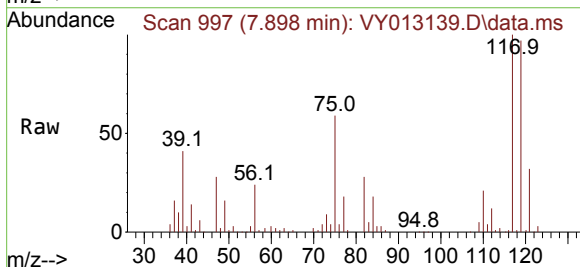
Tgt Ion: 117 Resp: 83976

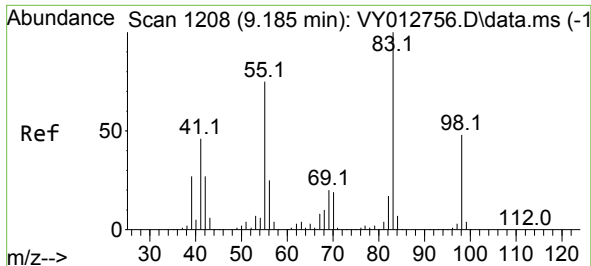
Ion Ratio Lower Upper

117 100

119 97.0 77.2 115.8

121 31.6 24.7 37.1





#39

Methylcyclohexane

Concen: 48.095 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013139.D

Acq: 29 Mar 2023 18:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

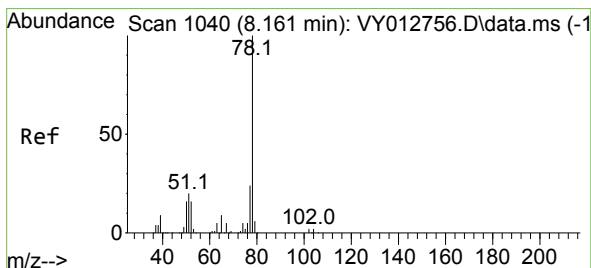
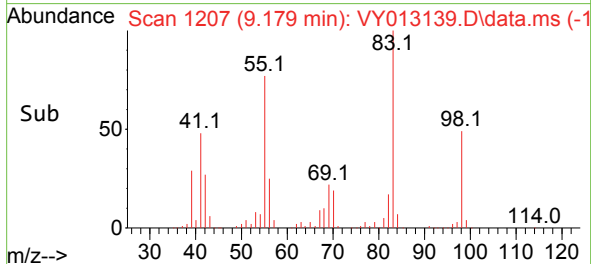
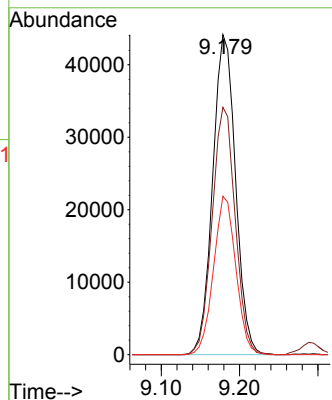
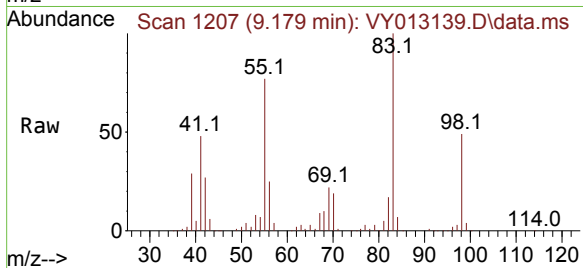
Tgt Ion: 83 Resp: 89552

Ion Ratio Lower Upper

83 100

55 77.3 60.0 90.0

98 49.5 38.3 57.5



#40

Benzene

Concen: 51.767 ug/l

RT: 8.154 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY013139.D

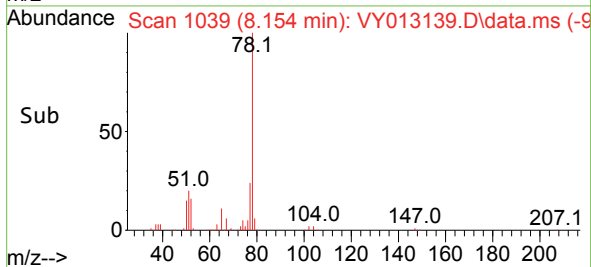
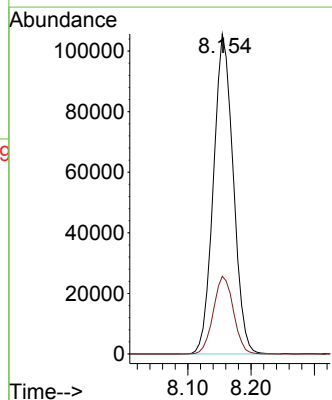
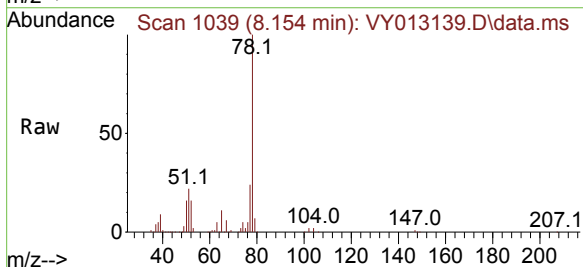
Acq: 29 Mar 2023 18:55

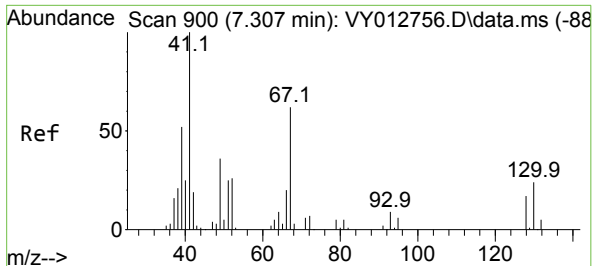
Tgt Ion: 78 Resp: 229342

Ion Ratio Lower Upper

78 100

77 24.3 19.4 29.0

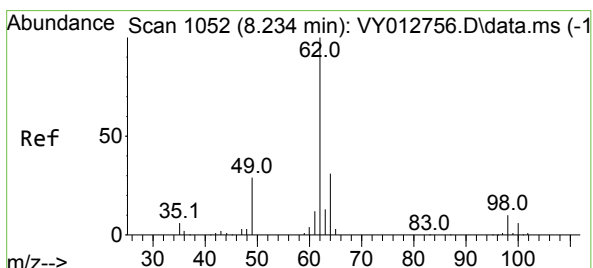
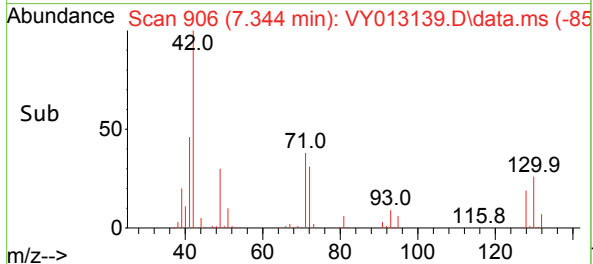
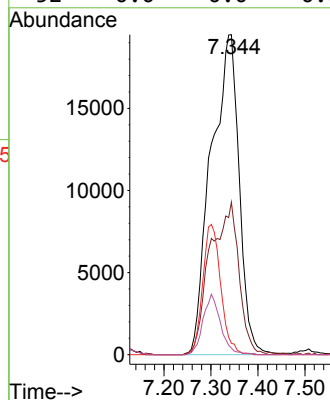
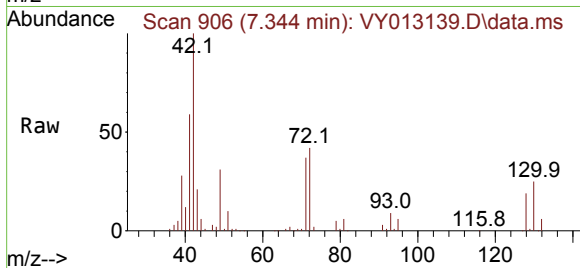




#41
Methacrylonitrile
Concen: 151.405 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.036 min
Lab File: VY013139.D
Acq: 29 Mar 2023 18:55

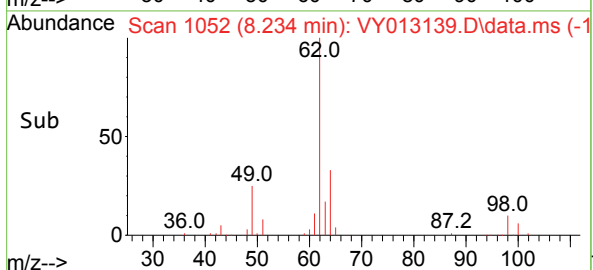
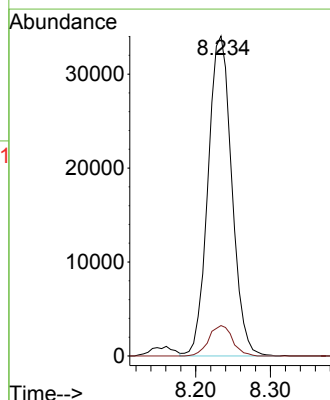
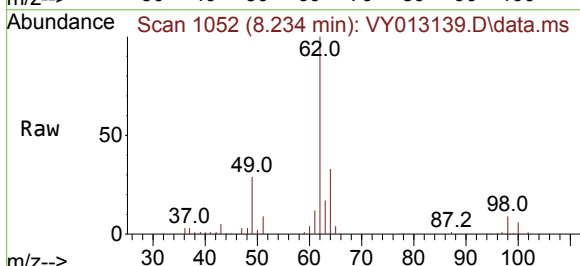
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

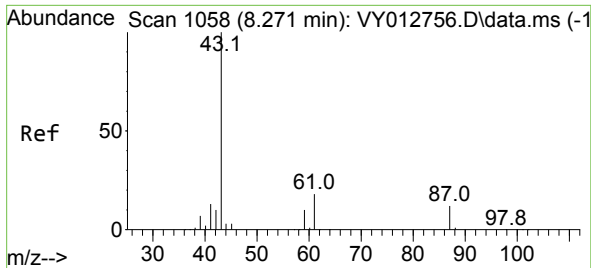
Tgt Ion:	41	Resp:	80523
Ion Ratio	Lower	Upper	
41	100		
39	48.7	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 56.490 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013139.D
Acq: 29 Mar 2023 18:55

Tgt Ion:	62	Resp:	75241
Ion Ratio	Lower	Upper	
62	100		
98	9.5	0.0	18.8

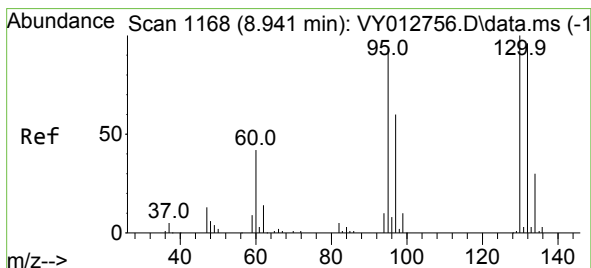
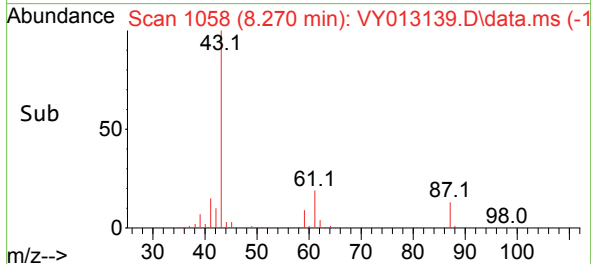
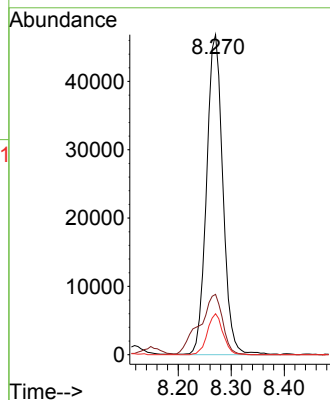
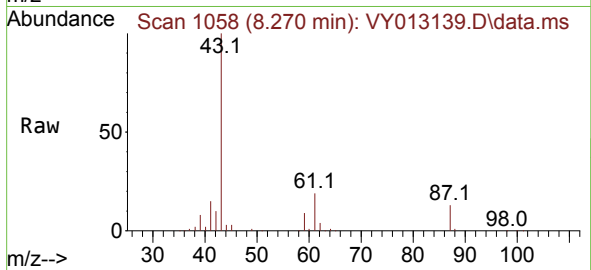




#43
Isopropyl Acetate
Concen: 56.711 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY013139.D
Acq: 29 Mar 2023 18:55

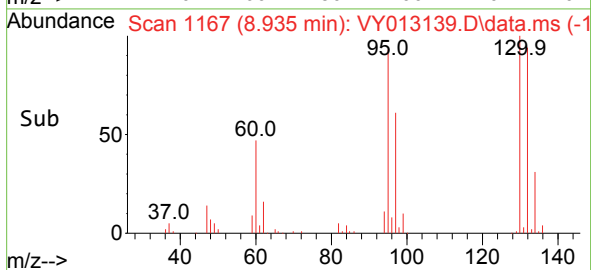
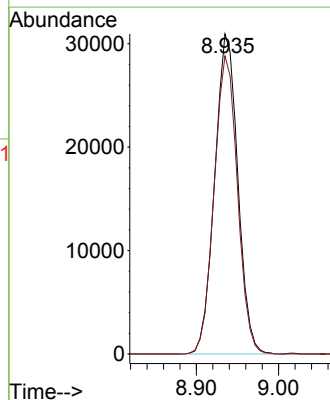
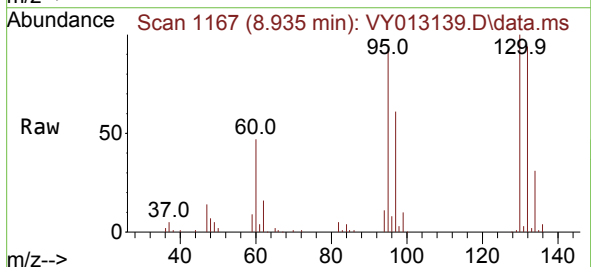
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

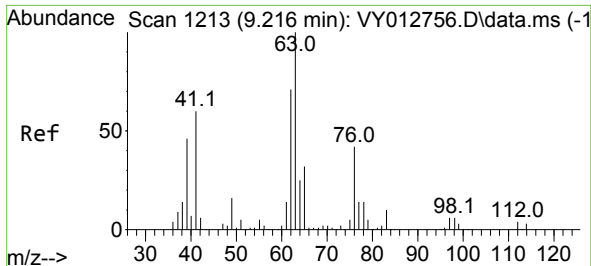
Tgt Ion: 43 Resp: 99878
Ion Ratio Lower Upper
43 100
61 26.8 21.6 32.4
87 12.3 9.9 14.9



#44
Trichloroethene
Concen: 51.753 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY013139.D
Acq: 29 Mar 2023 18:55

Tgt Ion:130 Resp: 60450
Ion Ratio Lower Upper
130 100
95 93.1 0.0 185.0





#45

1,2-Dichloropropane

Concen: 53.545 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013139.D

Acq: 29 Mar 2023 18:55

Instrument :

MSVOA_Y

ClientSampleId :

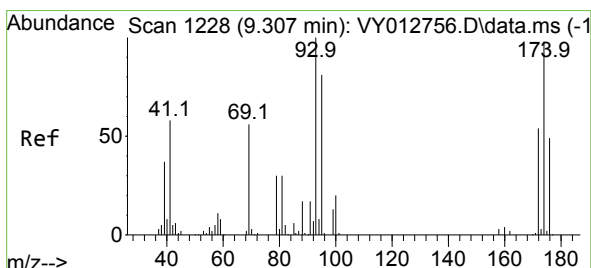
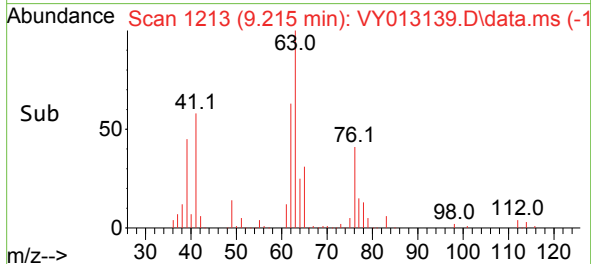
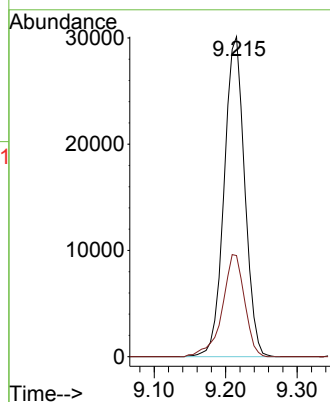
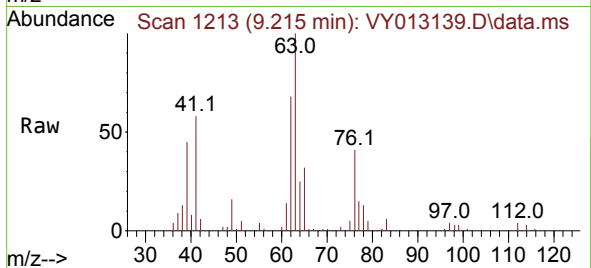
VSTDCCC050EC

Tgt Ion: 63 Resp: 59951

Ion Ratio Lower Upper

63 100

65 31.6 25.7 38.5



#46

Dibromomethane

Concen: 56.054 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY013139.D

Acq: 29 Mar 2023 18:55

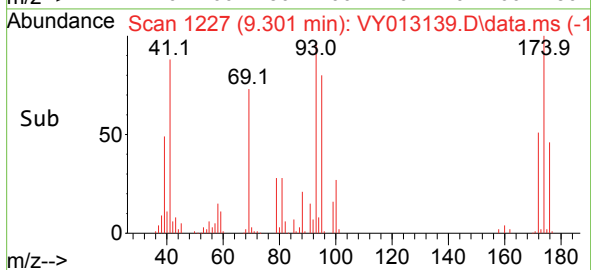
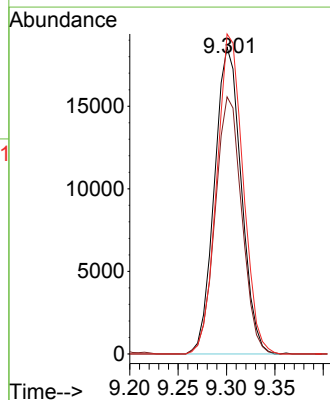
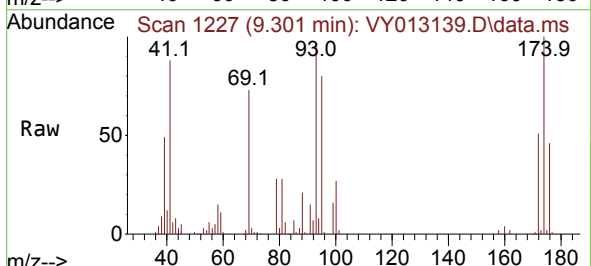
Tgt Ion: 93 Resp: 35755

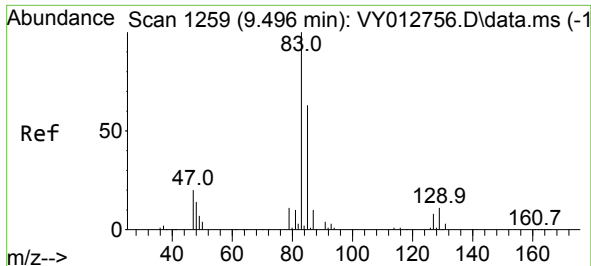
Ion Ratio Lower Upper

93 100

95 83.0 65.6 98.4

174 102.8 81.3 121.9

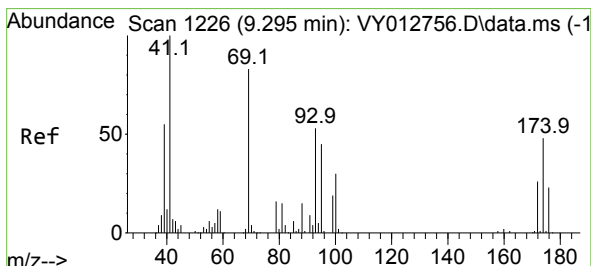
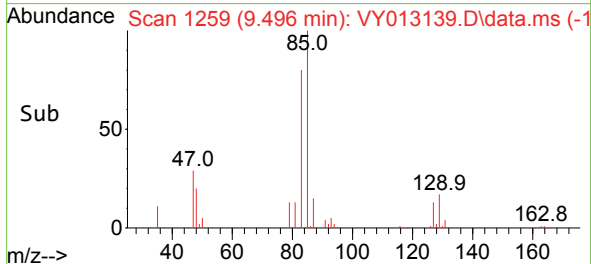
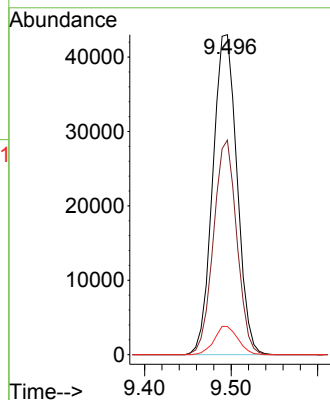
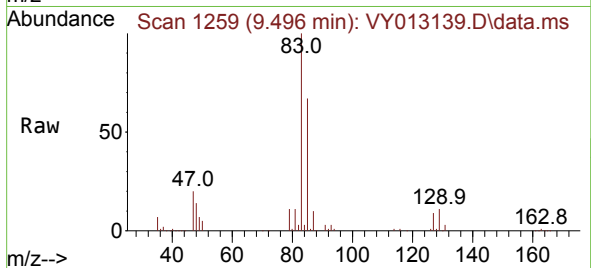




#47
Bromodichloromethane
Concen: 55.587 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY013139.D
Acq: 29 Mar 2023 18:55

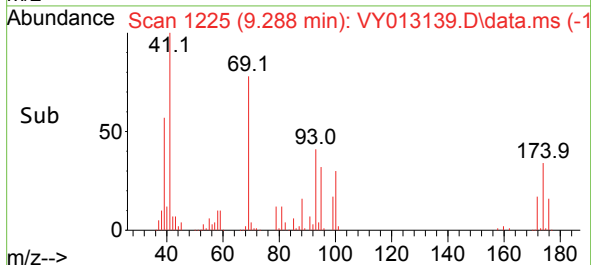
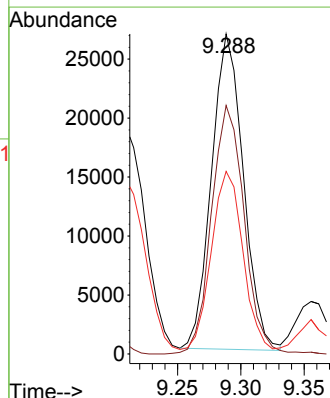
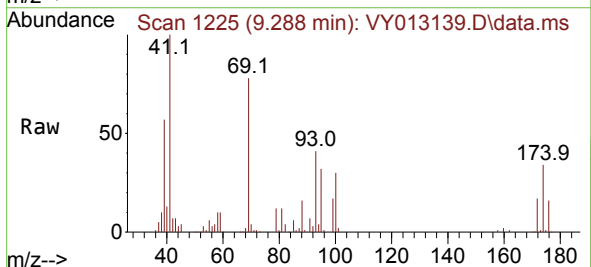
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

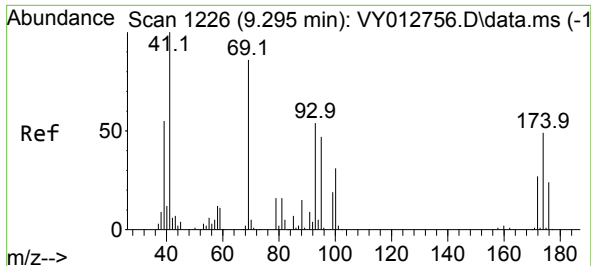
Tgt Ion: 83 Resp: 83556
Ion Ratio Lower Upper
83 100
85 67.0 50.2 75.4
127 8.8 6.3 9.5



#48
Methyl methacrylate
Concen: 57.692 ug/l
RT: 9.288 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY013139.D
Acq: 29 Mar 2023 18:55

Tgt Ion: 41 Resp: 46817
Ion Ratio Lower Upper
41 100
69 80.9 64.1 96.1
39 55.9 44.0 66.0





#49

1,4-Dioxane

Concen: 1309.608 ug/l

RT: 9.294 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY013139.D

Acq: 29 Mar 2023 18:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

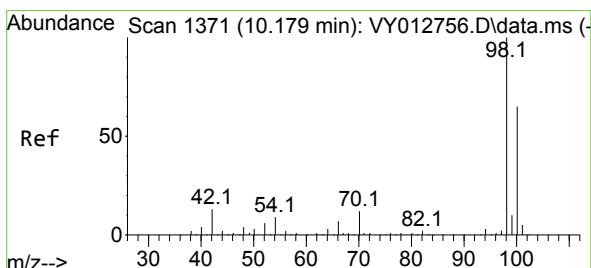
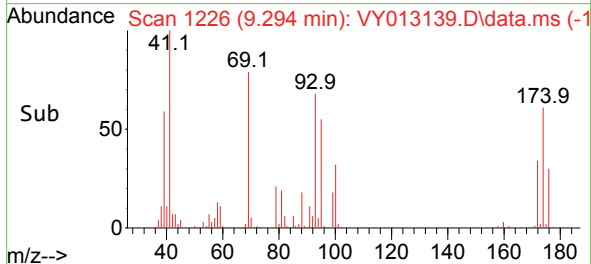
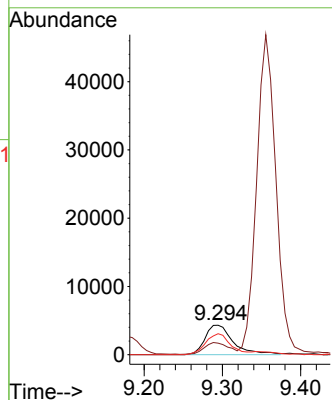
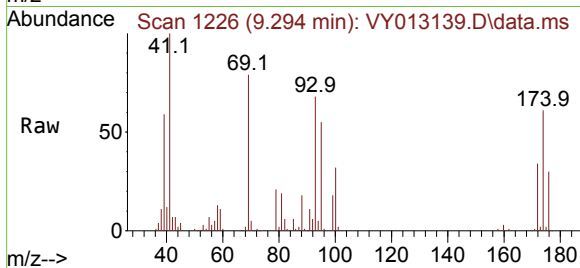
Tgt Ion: 88 Resp: 10799

Ion Ratio Lower Upper

88 100

43 34.8 28.6 42.8

58 63.2 55.2 82.8



#50

Toluene-d8

Concen: 45.072 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013139.D

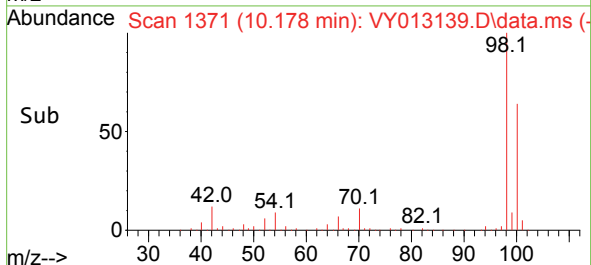
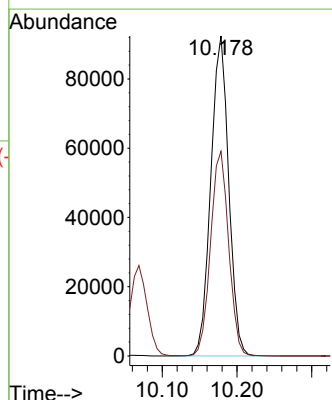
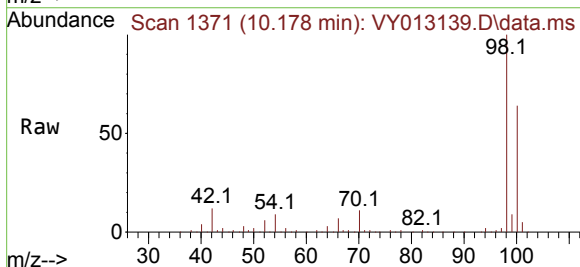
Acq: 29 Mar 2023 18:55

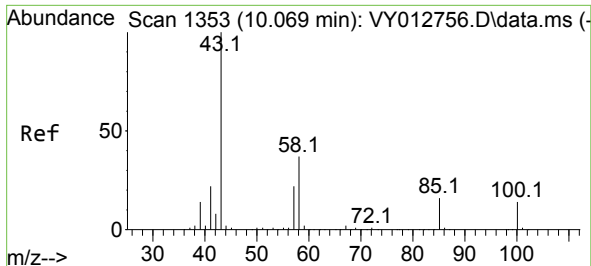
Tgt Ion: 98 Resp: 153995

Ion Ratio Lower Upper

98 100

100 64.7 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 307.968 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. -0.000 min

Lab File: VY013139.D

Acq: 29 Mar 2023 18:55

Instrument :

MSVOA_Y

ClientSampleId :

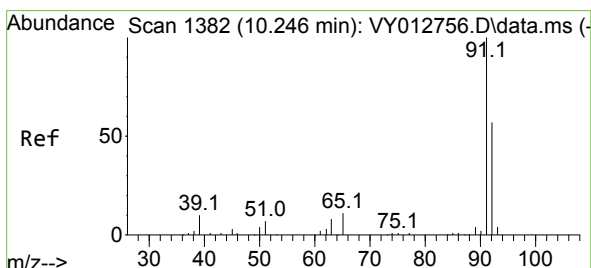
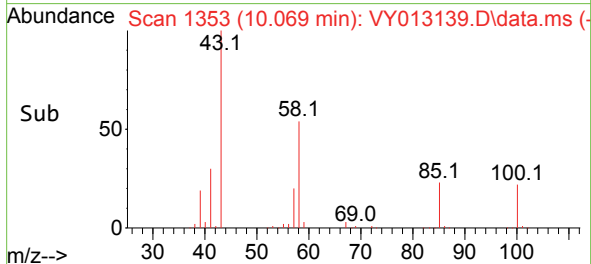
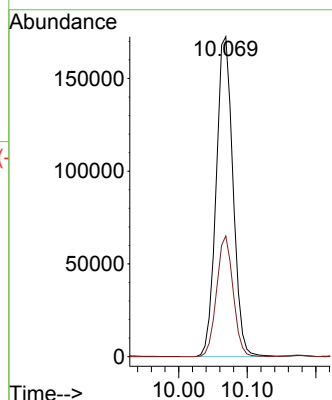
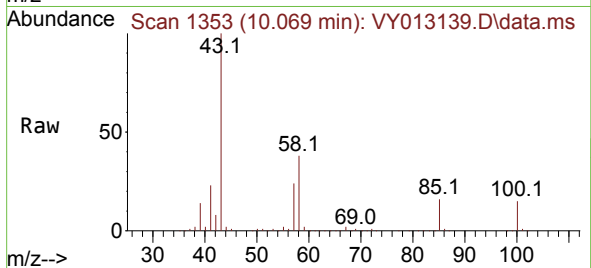
VSTDCCC050EC

Tgt Ion: 43 Resp: 294208

Ion Ratio Lower Upper

43 100

58 37.0 29.8 44.6



#52

Toluene

Concen: 53.463 ug/l

RT: 10.239 min Scan# 1381

Delta R.T. -0.006 min

Lab File: VY013139.D

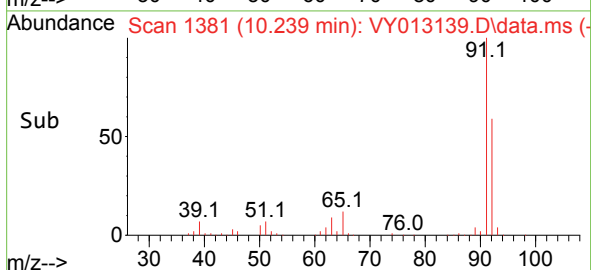
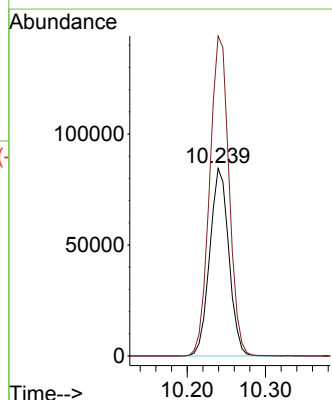
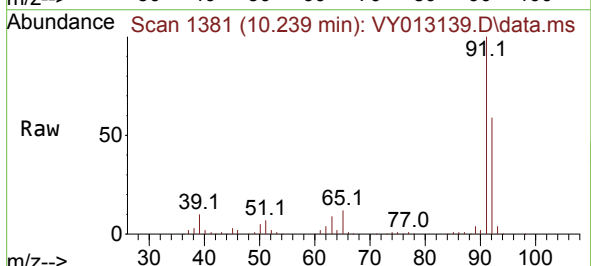
Acq: 29 Mar 2023 18:55

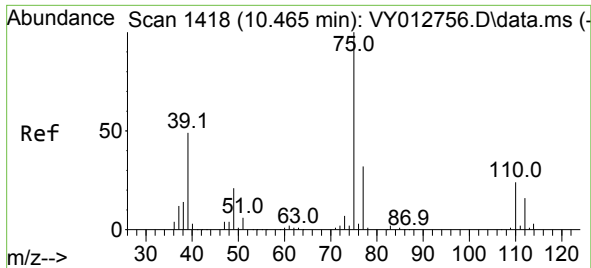
Tgt Ion: 92 Resp: 142843

Ion Ratio Lower Upper

92 100

91 173.2 141.3 211.9

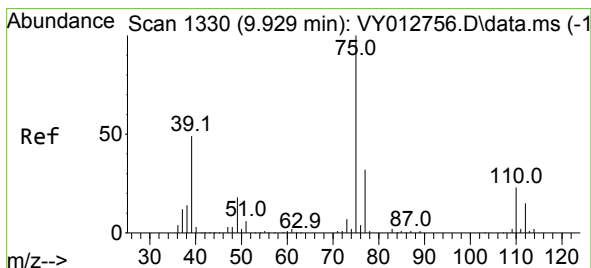
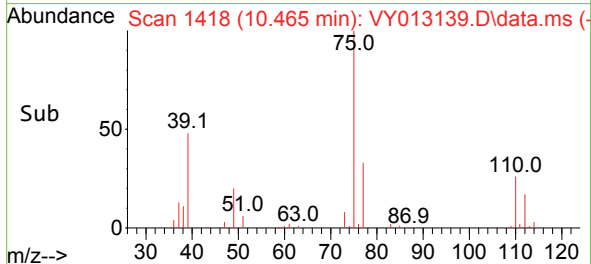
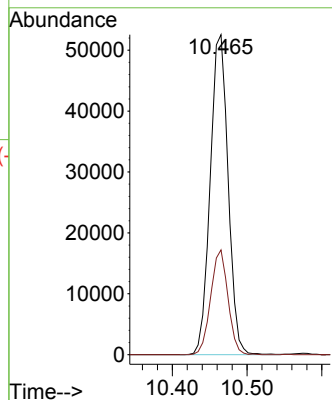
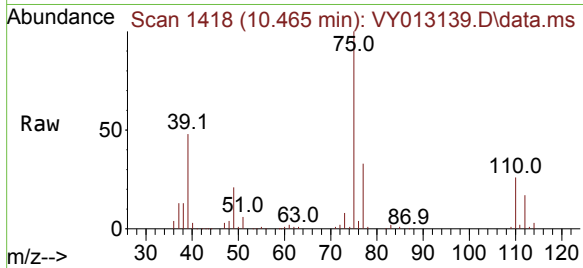




#53
 t-1,3-Dichloropropene
 Concen: 55.575 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY013139.D
 Acq: 29 Mar 2023 18:55

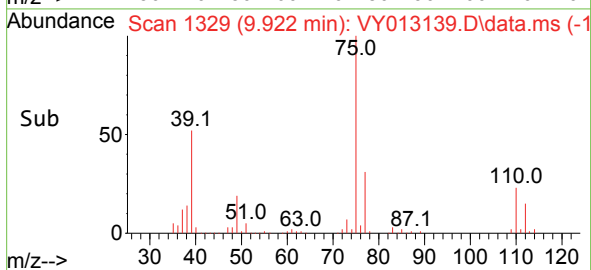
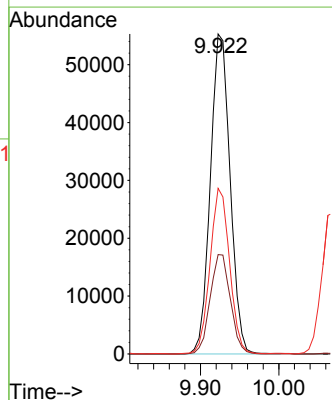
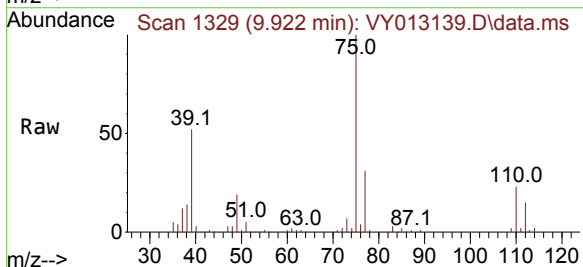
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

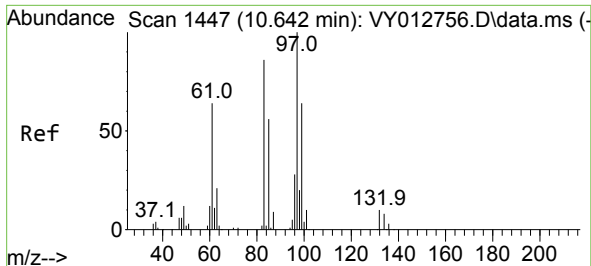
Tgt Ion: 75 Resp: 87622
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 54.246 ug/l
 RT: 9.922 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: VY013139.D
 Acq: 29 Mar 2023 18:55

Tgt Ion: 75 Resp: 96806
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.4 38.0
 39 51.7 39.0 58.4

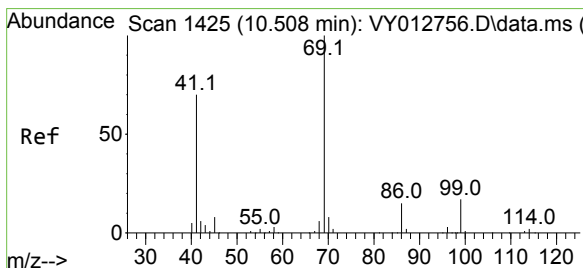
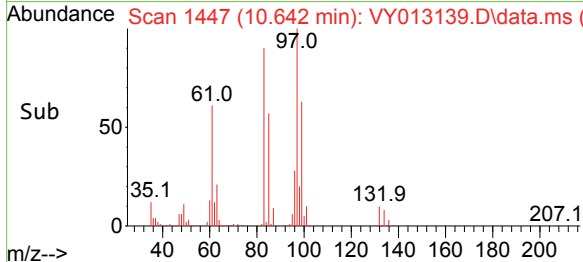
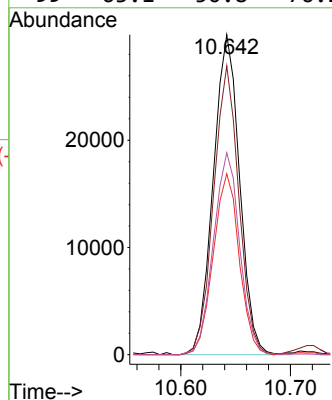
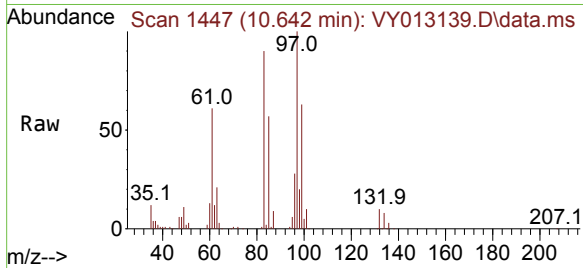




#55
1,1,2-Trichloroethane
Concen: 56.062 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY013139.D
Acq: 29 Mar 2023 18:55

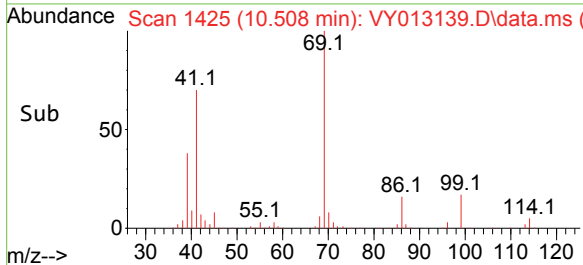
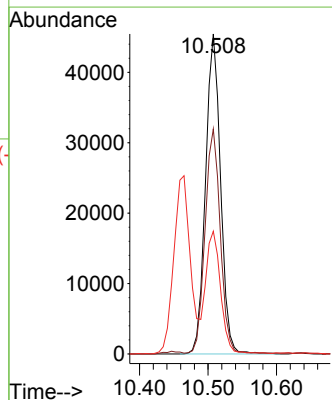
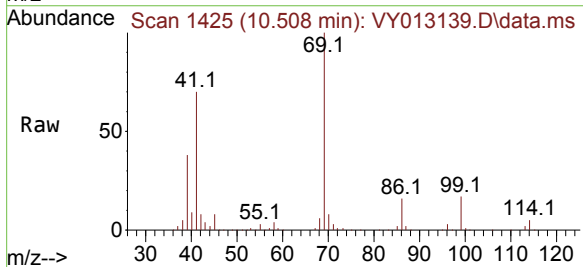
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

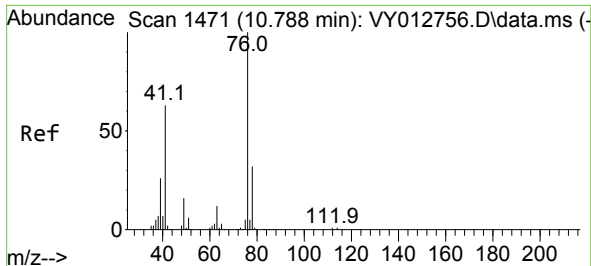
Tgt Ion:	97	Resp:	49801
Ion	Ratio	Lower	Upper
97	100		
83	90.2	69.0	103.6
85	56.5	44.9	67.3
99	63.1	50.8	76.2



#56
Ethyl methacrylate
Concen: 58.502 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY013139.D
Acq: 29 Mar 2023 18:55

Tgt Ion:	69	Resp:	69294
Ion	Ratio	Lower	Upper
69	100		
41	70.9	56.4	84.6
39	36.9	30.8	46.2

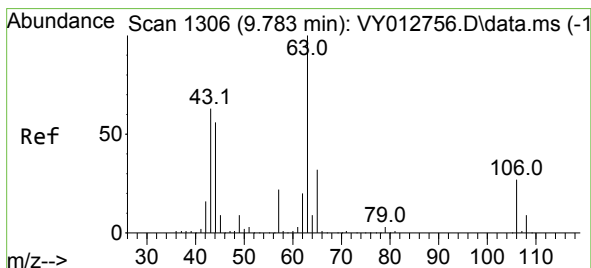
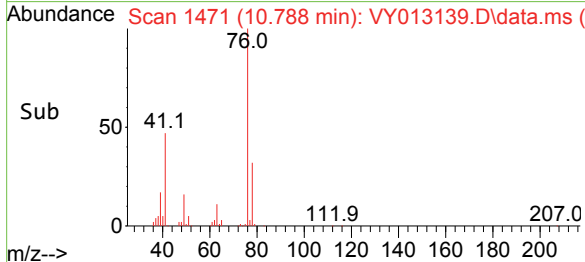
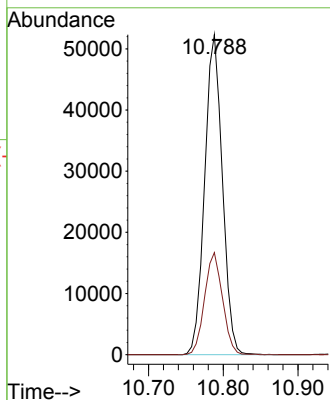
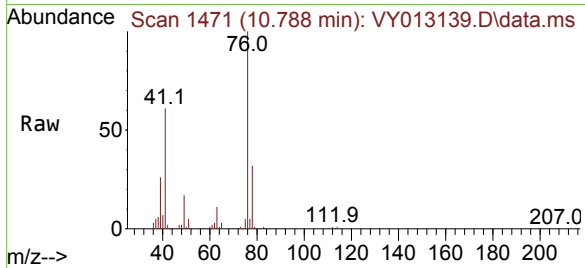




#57
1,3-Dichloropropane
Concen: 56.735 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VY013139.D
Acq: 29 Mar 2023 18:55

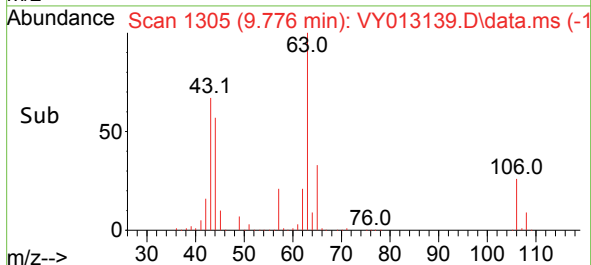
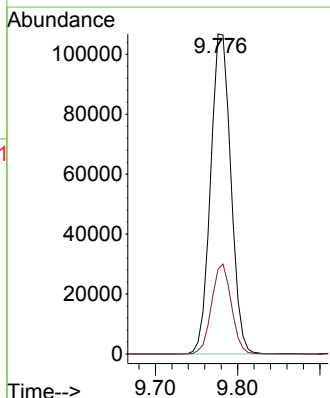
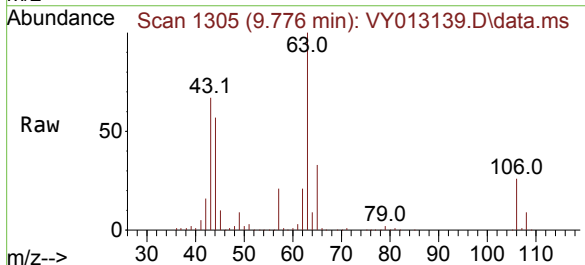
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

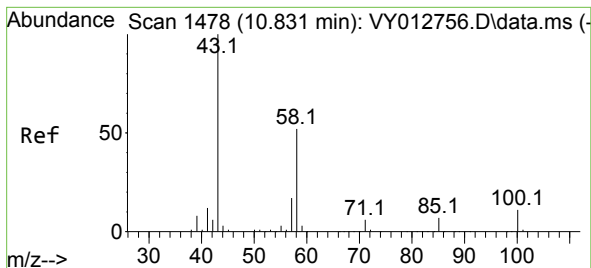
Tgt Ion: 76 Resp: 85842
Ion Ratio Lower Upper
76 100
78 32.4 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 294.153 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. -0.006 min
Lab File: VY013139.D
Acq: 29 Mar 2023 18:55

Tgt Ion: 63 Resp: 182905
Ion Ratio Lower Upper
63 100
106 27.3 22.1 33.1

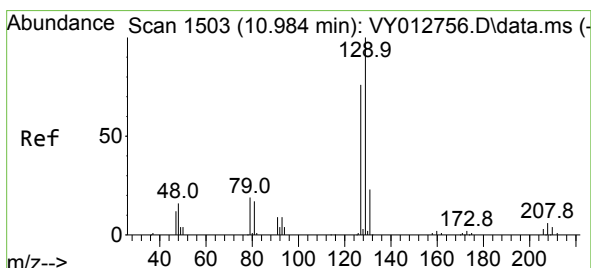
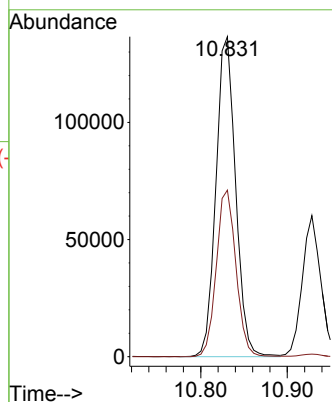
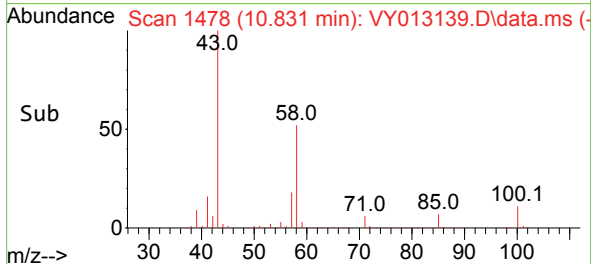
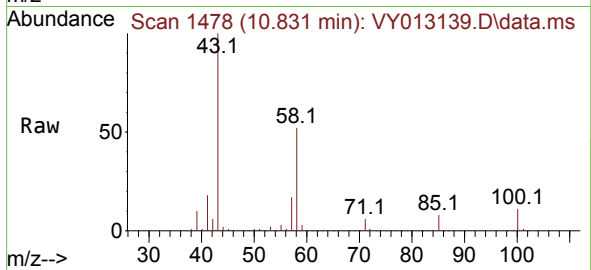




#59
2-Hexanone
Concen: 310.202 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY013139.D
Acq: 29 Mar 2023 18:55

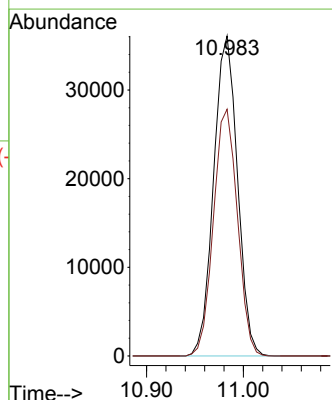
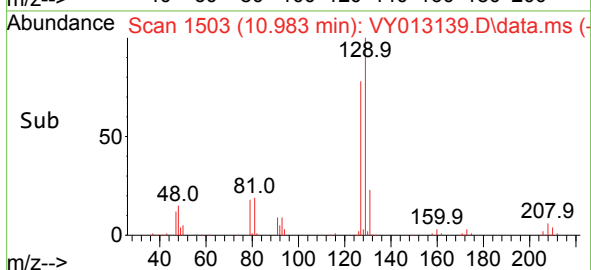
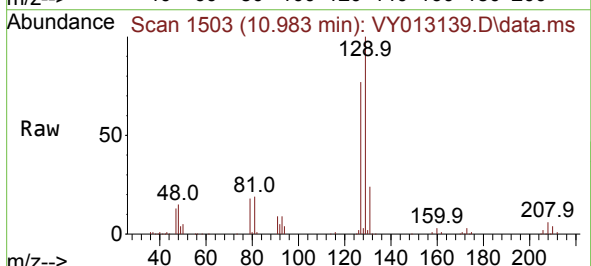
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

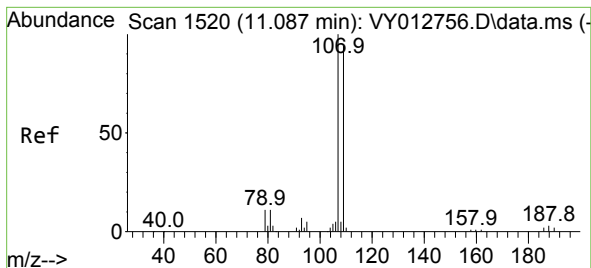
Tgt Ion: 43 Resp: 215376
Ion Ratio Lower Upper
43 100
58 52.0 25.9 77.8



#60
Dibromochloromethane
Concen: 57.142 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY013139.D
Acq: 29 Mar 2023 18:55

Tgt Ion: 129 Resp: 61790
Ion Ratio Lower Upper
129 100
127 77.5 38.7 116.1

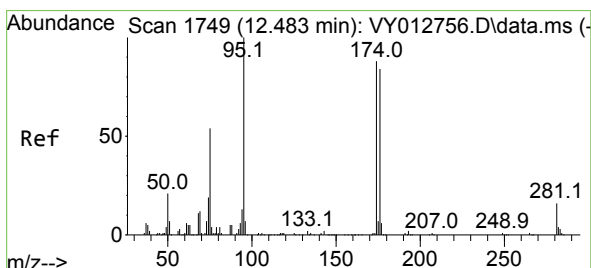
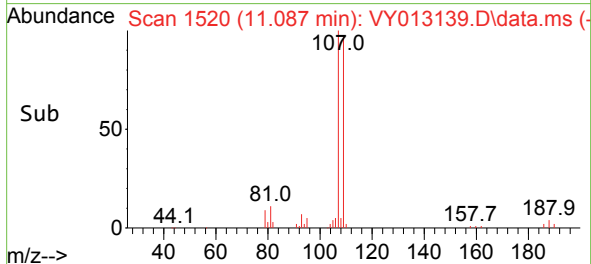
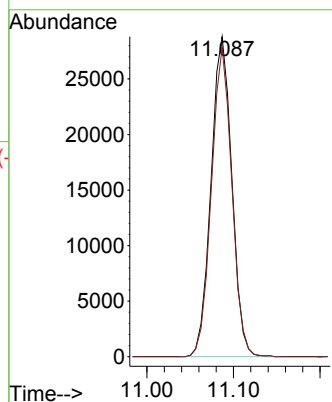
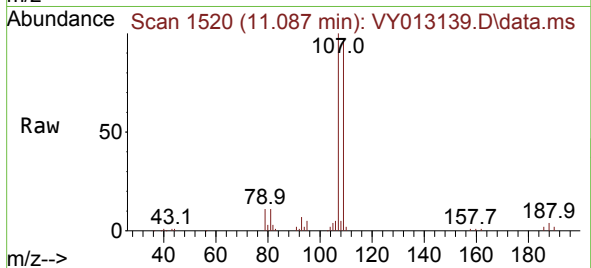




#61
1,2-Dibromoethane
Concen: 56.033 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY013139.D
Acq: 29 Mar 2023 18:55

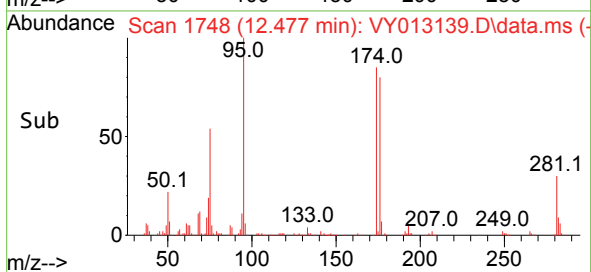
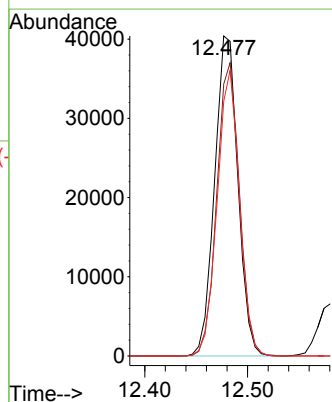
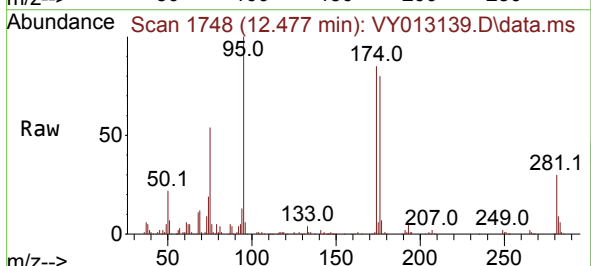
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

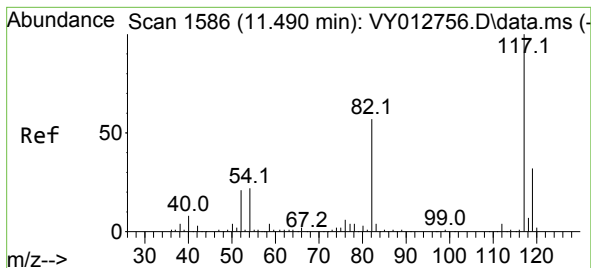
Tgt Ion:107 Resp: 47948
Ion Ratio Lower Upper
107 100
109 94.9 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 55.052 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013139.D
Acq: 29 Mar 2023 18:55

Tgt Ion: 95 Resp: 63487
Ion Ratio Lower Upper
95 100
174 88.9 0.0 176.6
176 85.6 0.0 170.2

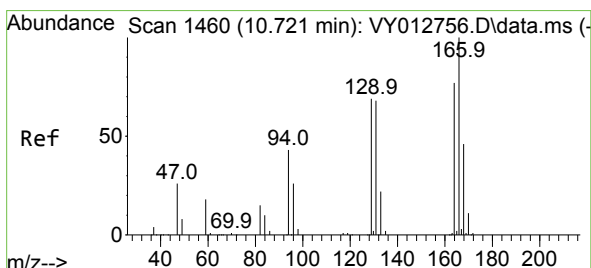
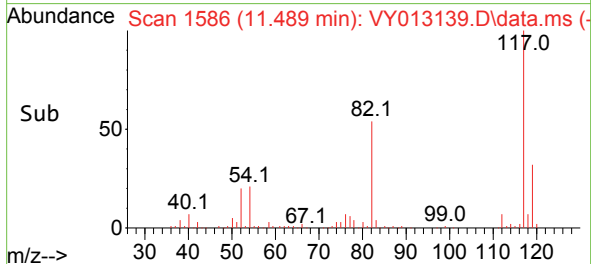
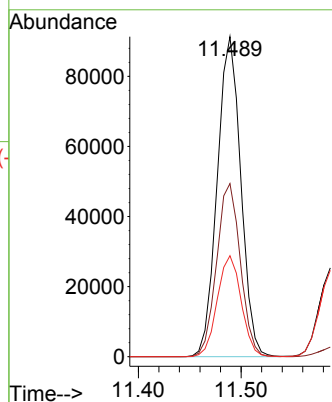
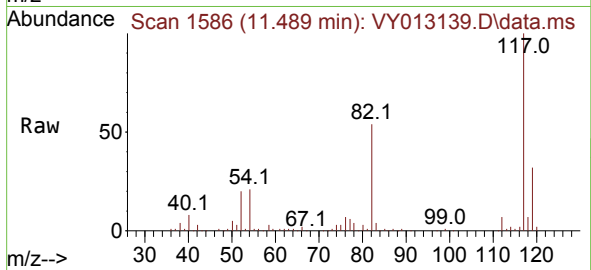




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013139.D
Acq: 29 Mar 2023 18:55

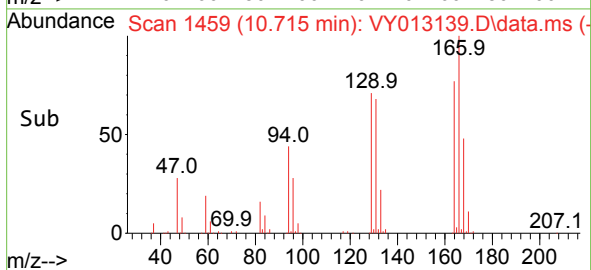
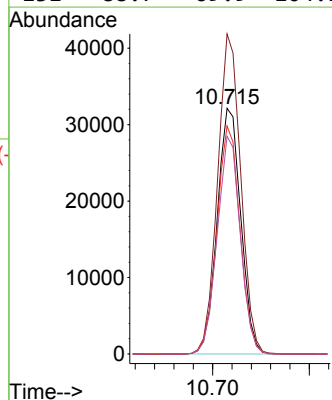
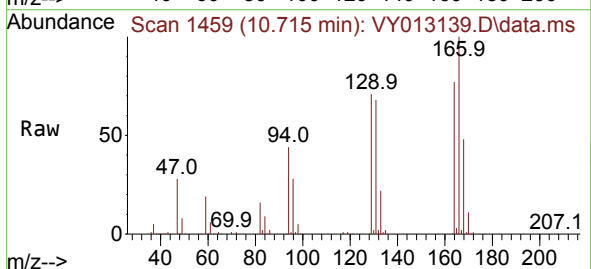
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

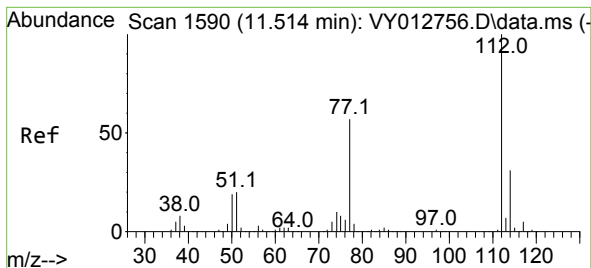
Tgt Ion:117 Resp: 145495
Ion Ratio Lower Upper
117 100
82 54.1 45.4 68.0
119 31.5 25.6 38.4



#64
Tetrachloroethene
Concen: 51.311 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY013139.D
Acq: 29 Mar 2023 18:55

Tgt Ion:164 Resp: 54354
Ion Ratio Lower Upper
164 100
166 130.3 103.4 155.2
129 92.9 71.4 107.2
131 88.7 69.9 104.9

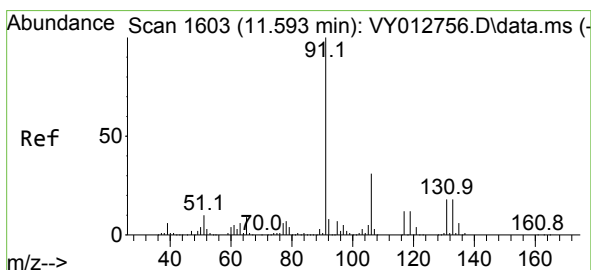
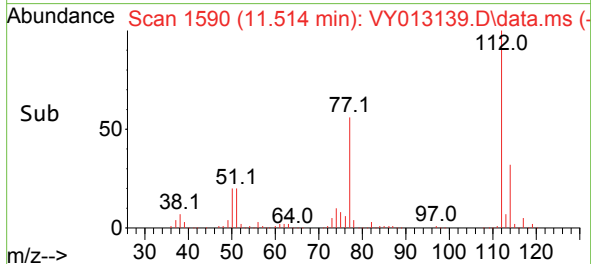
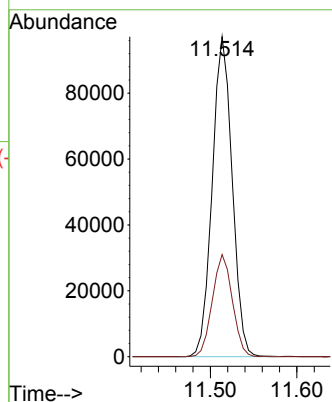
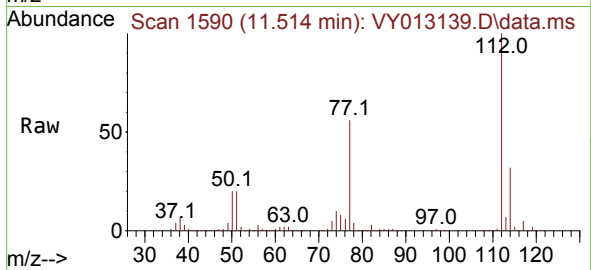




#65
Chlorobenzene
Concen: 50.922 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY013139.D
Acq: 29 Mar 2023 18:55

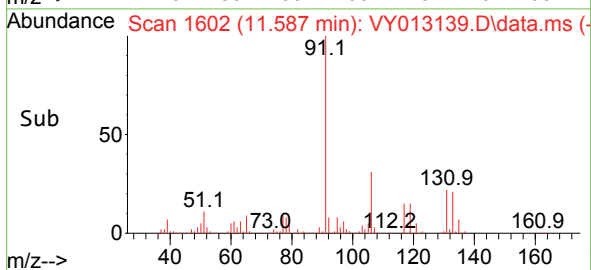
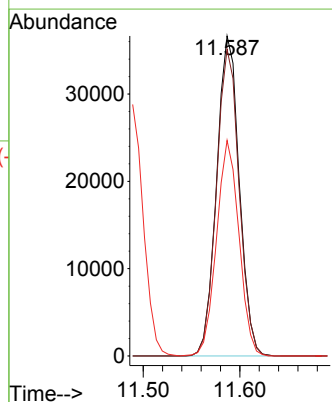
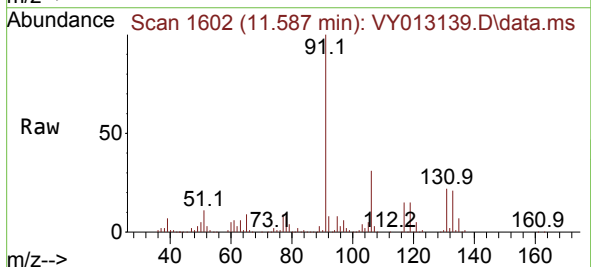
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

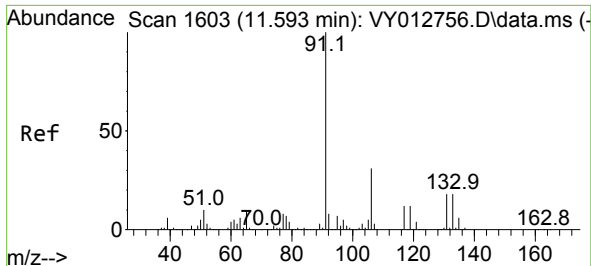
Tgt Ion:112 Resp: 155495
Ion Ratio Lower Upper
112 100
114 31.9 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 52.727 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY013139.D
Acq: 29 Mar 2023 18:55

Tgt Ion:131 Resp: 59577
Ion Ratio Lower Upper
131 100
133 96.1 48.0 144.0
119 66.8 32.6 98.0





#67

Ethyl Benzene

Concen: 50.644 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY013139.D

Acq: 29 Mar 2023 18:55

Instrument :

MSVOA_Y

ClientSampleId :

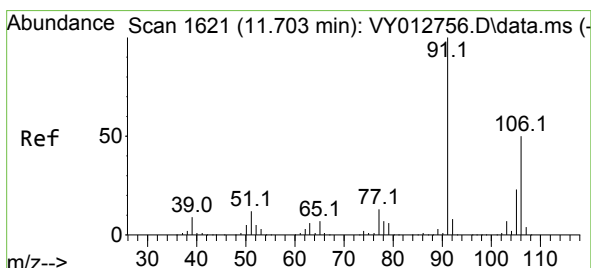
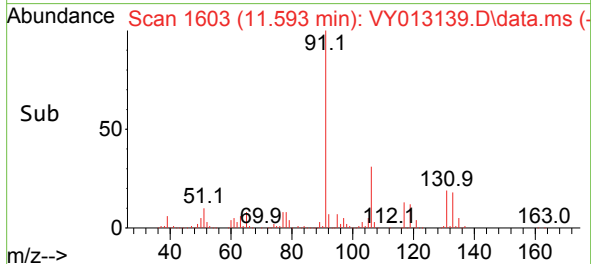
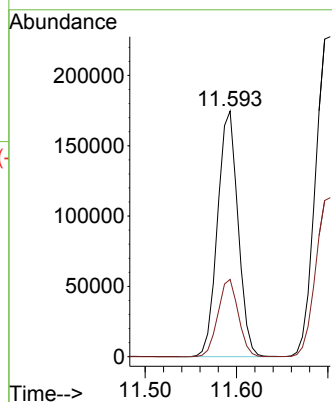
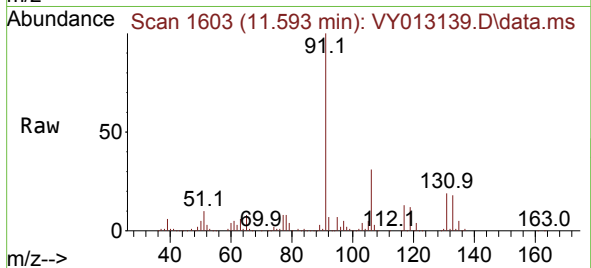
VSTDCCC050EC

Tgt Ion: 91 Resp: 271889

Ion Ratio Lower Upper

91 100

106 31.5 25.1 37.7



#68

m/p-Xylenes

Concen: 101.287 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY013139.D

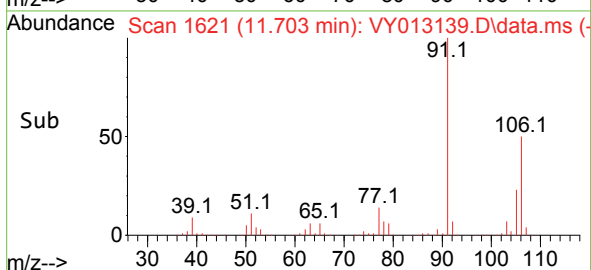
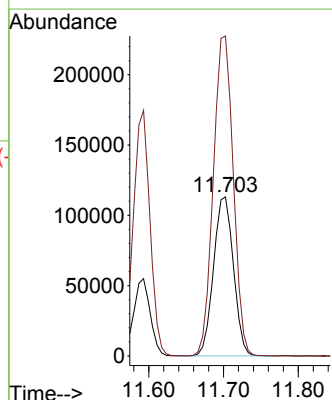
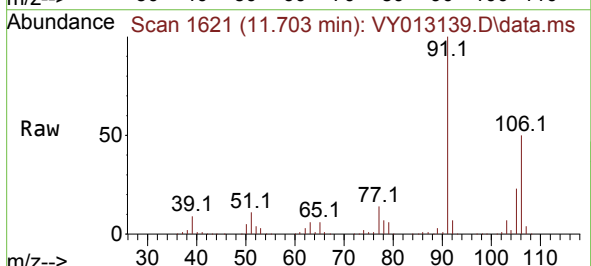
Acq: 29 Mar 2023 18:55

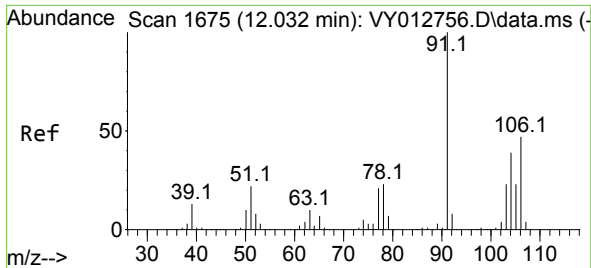
Tgt Ion: 106 Resp: 209189

Ion Ratio Lower Upper

106 100

91 201.9 159.8 239.8

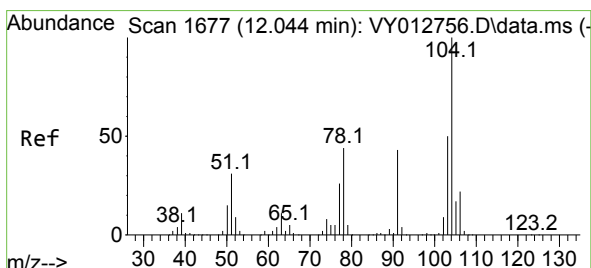
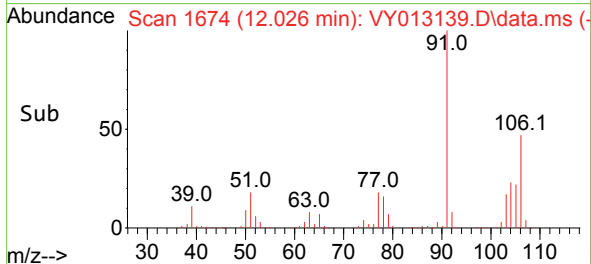
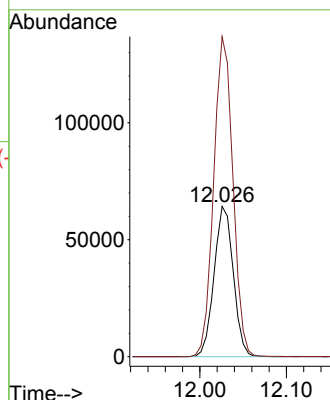
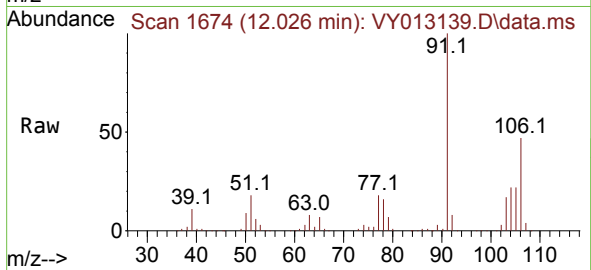




#69
o-Xylene
Concen: 51.340 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY013139.D
Acq: 29 Mar 2023 18:55

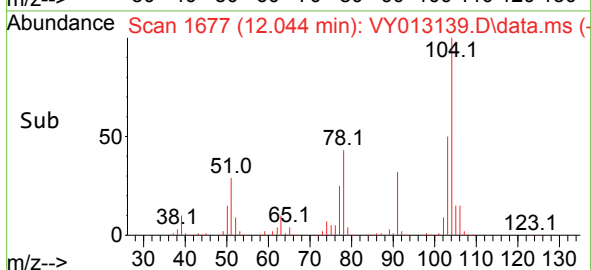
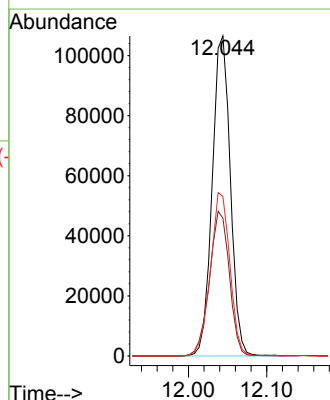
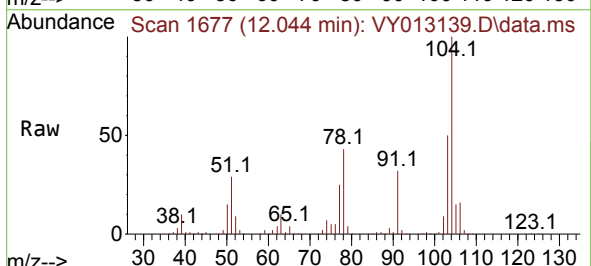
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 98960
Ion Ratio Lower Upper
106 100
91 213.2 107.2 321.6



#70
Styrene
Concen: 53.331 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY013139.D
Acq: 29 Mar 2023 18:55

Tgt Ion:104 Resp: 171546
Ion Ratio Lower Upper
104 100
78 49.5 39.2 58.8
103 54.9 43.7 65.5





#71

Bromoform

Concen: 56.037 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013139.D

Acq: 29 Mar 2023 18:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

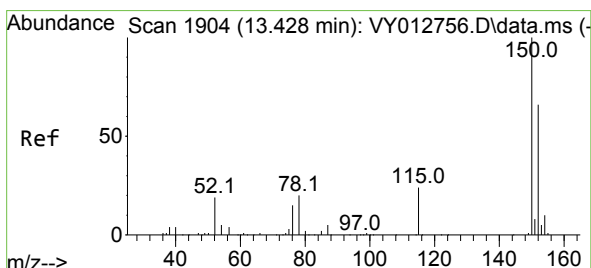
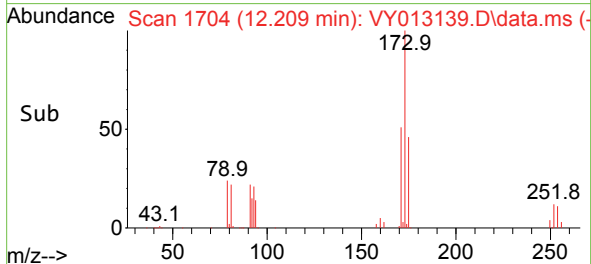
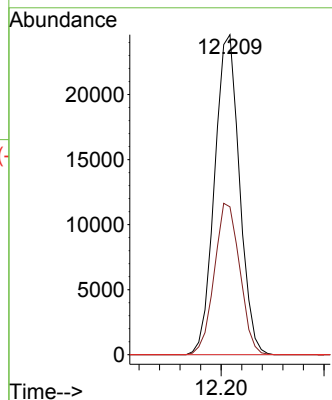
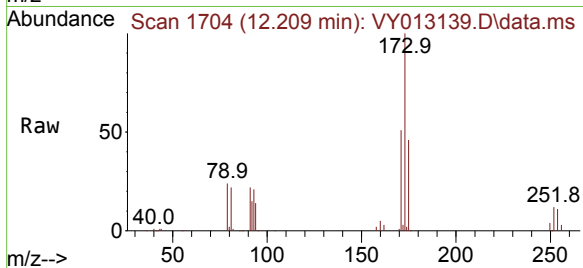
Tgt Ion:173 Resp: 41283

Ion Ratio Lower Upper

173 100

175 48.5 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: VY013139.D

Acq: 29 Mar 2023 18:55

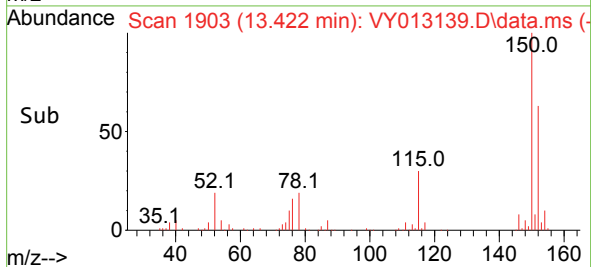
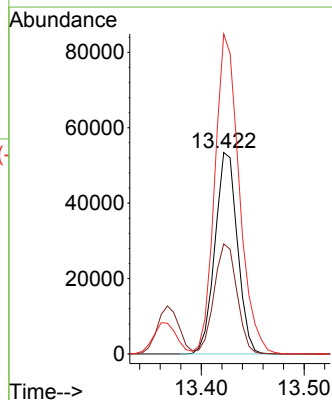
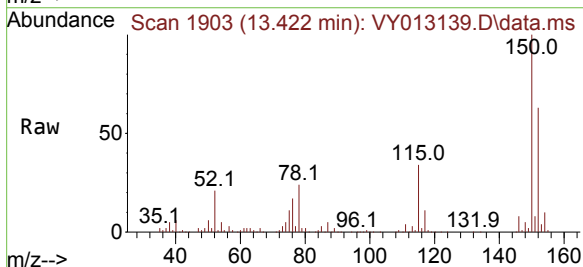
Tgt Ion:152 Resp: 81033

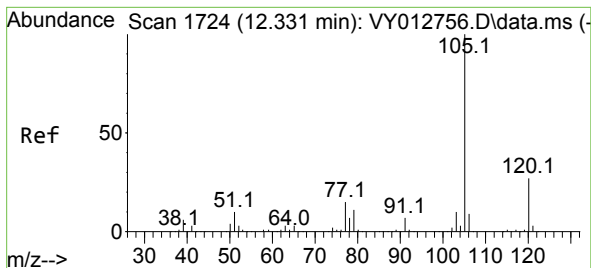
Ion Ratio Lower Upper

152 100

115 55.9 27.1 81.3

150 172.3 0.0 347.8





#73

Isopropylbenzene

Concen: 45.604 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013139.D

Acq: 29 Mar 2023 18:55

Instrument :

MSVOA_Y

ClientSampleId :

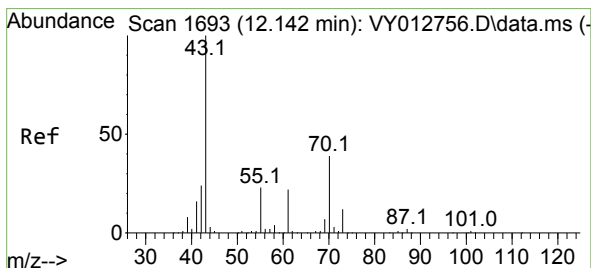
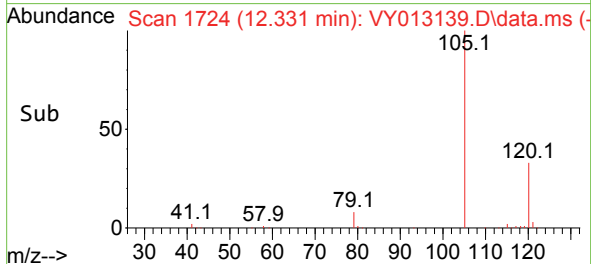
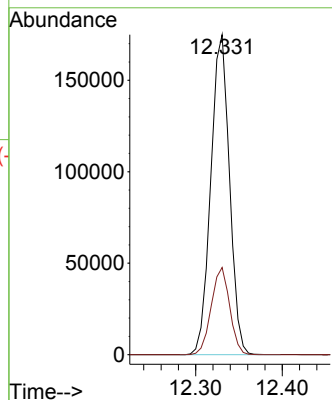
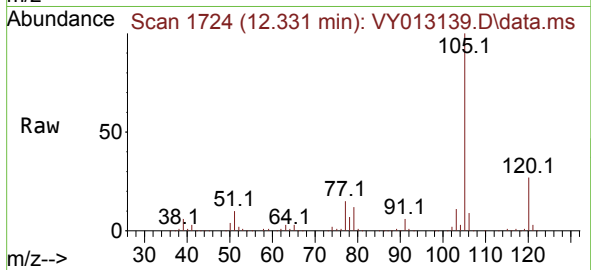
VSTDCCC050EC

Tgt Ion:105 Resp: 261897

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.2



#74

N-ethyl acetate

Concen: 49.714 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013139.D

Acq: 29 Mar 2023 18:55

Tgt Ion: 43 Resp: 89830

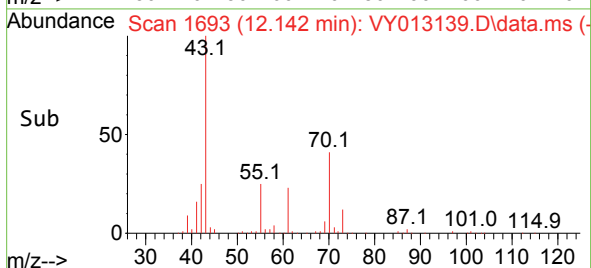
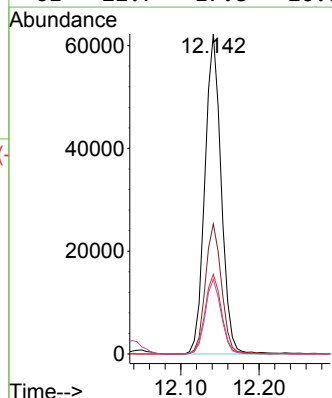
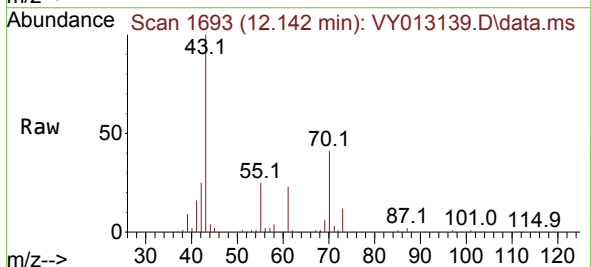
Ion Ratio Lower Upper

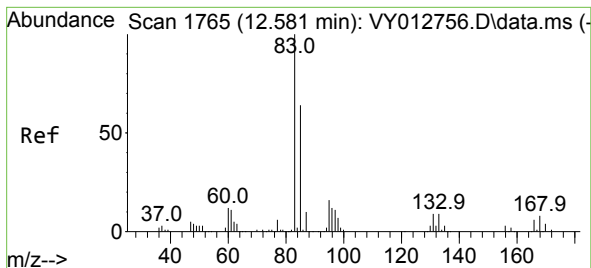
43 100

70 40.2 31.6 47.4

55 25.2 18.8 28.2

61 22.7 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 49.205 ug/l

RT: 12.580 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY013139.D

Acq: 29 Mar 2023 18:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

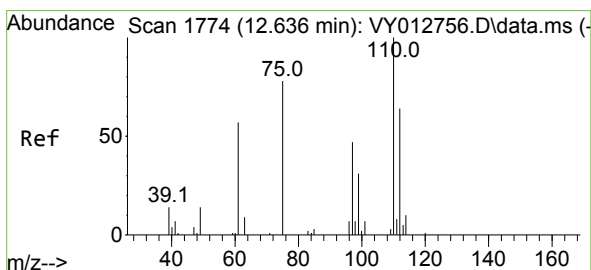
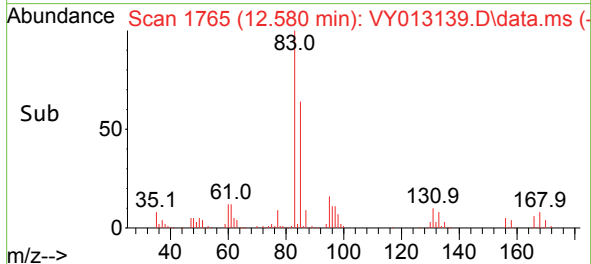
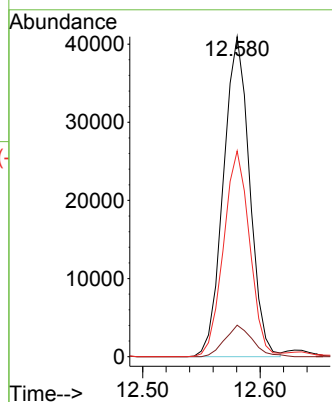
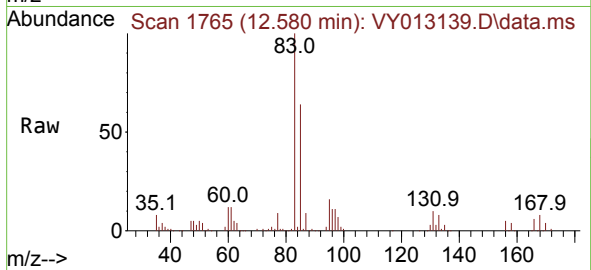
Tgt Ion: 83 Resp: 63522

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.2

85 64.2 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 85.936 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY013139.D

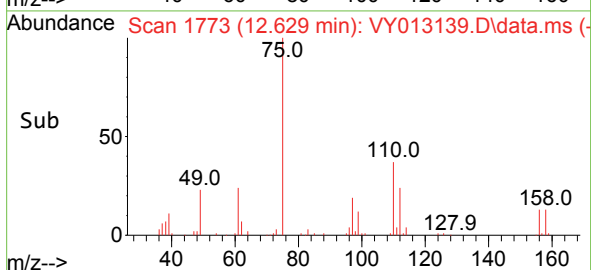
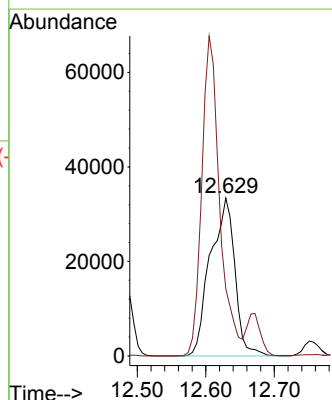
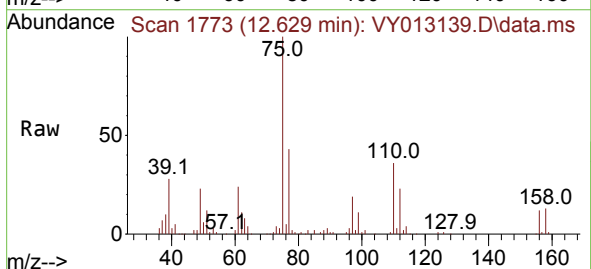
Acq: 29 Mar 2023 18:55

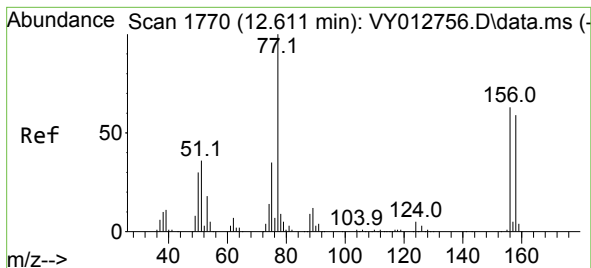
Tgt Ion: 75 Resp: 83157

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.403 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY013139.D

Acq: 29 Mar 2023 18:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

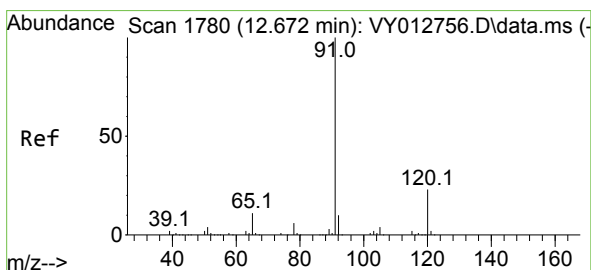
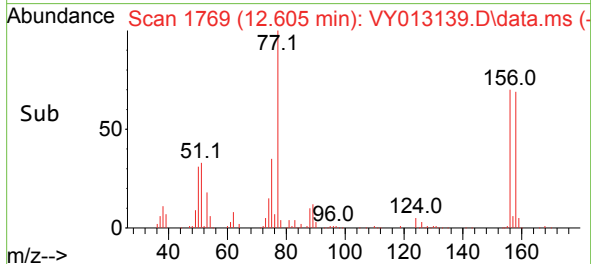
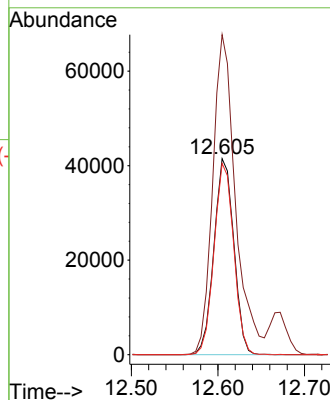
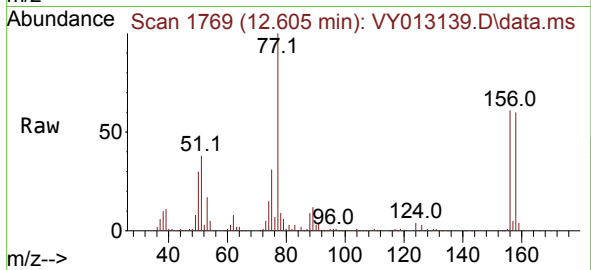
Tgt Ion:156 Resp: 66133

Ion Ratio Lower Upper

156 100

77 187.1 94.0 282.1

158 96.7 48.1 144.4



#78

n-propylbenzene

Concen: 45.921 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY013139.D

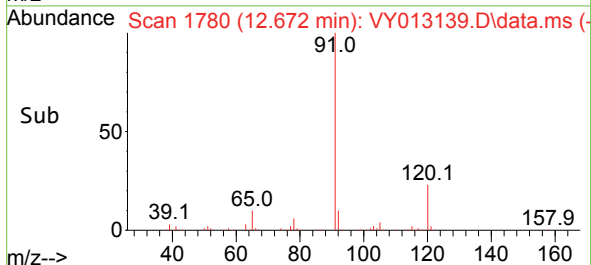
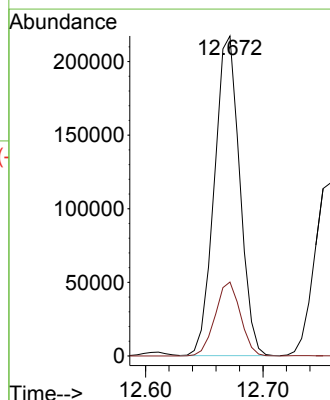
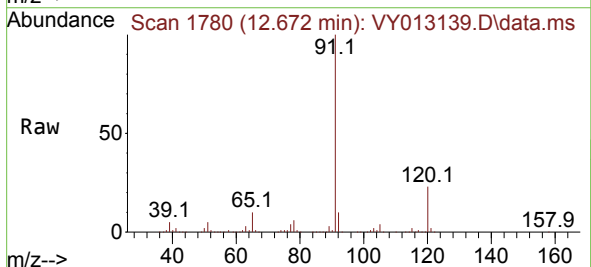
Acq: 29 Mar 2023 18:55

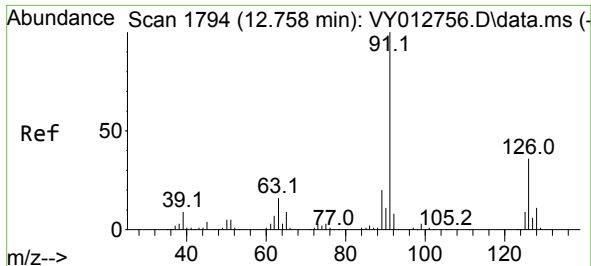
Tgt Ion: 91 Resp: 325134

Ion Ratio Lower Upper

91 100

120 23.1 11.6 34.8

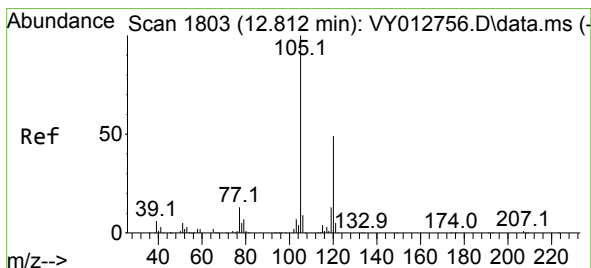
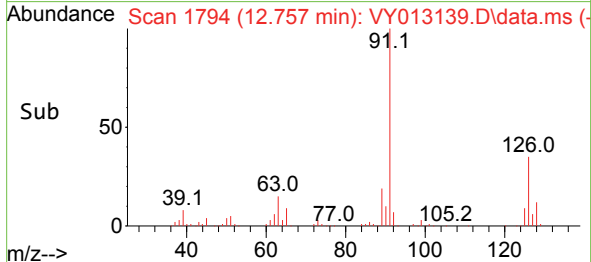
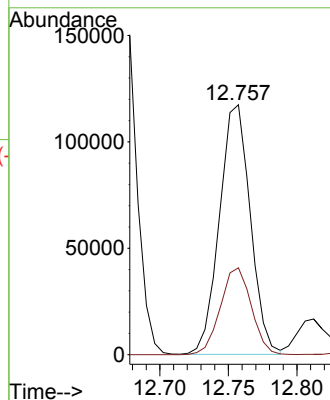
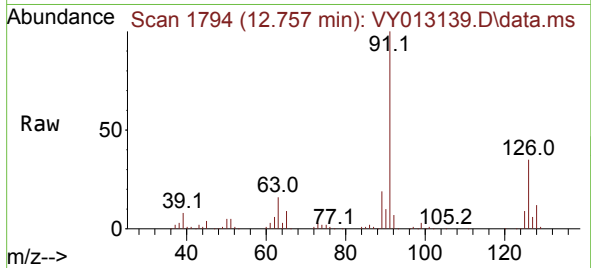




#79
2-Chlorotoluene
Concen: 46.802 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY013139.D
Acq: 29 Mar 2023 18:55

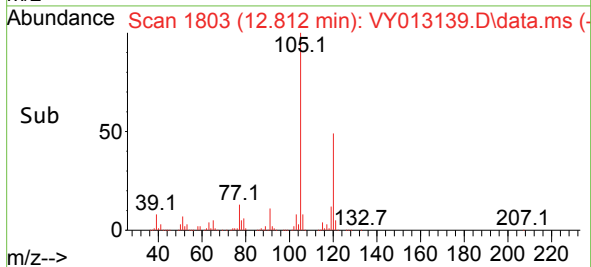
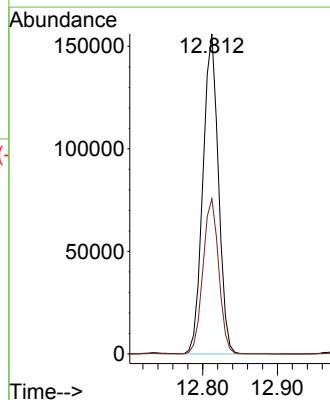
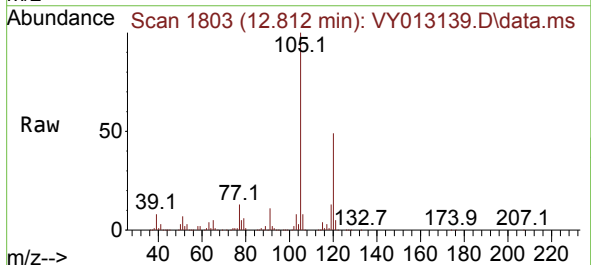
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 184172
Ion Ratio Lower Upper
91 100
126 34.8 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 47.405 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY013139.D
Acq: 29 Mar 2023 18:55

Tgt Ion:105 Resp: 224670
Ion Ratio Lower Upper
105 100
120 49.3 24.8 74.4

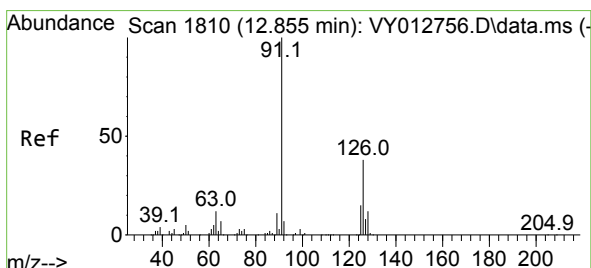
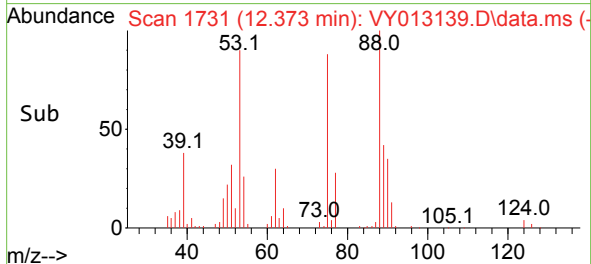
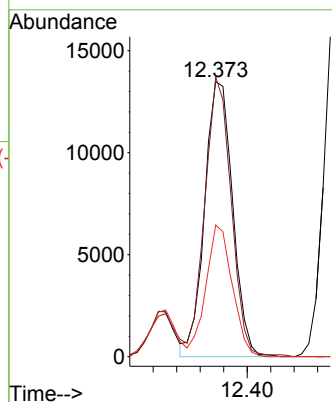
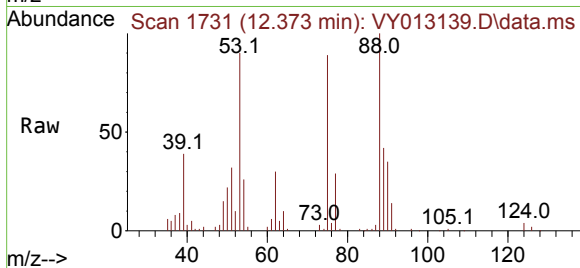




#81
trans-1,4-Dichloro-2-butene
Concen: 47.947 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY013139.D
Acq: 29 Mar 2023 18:55

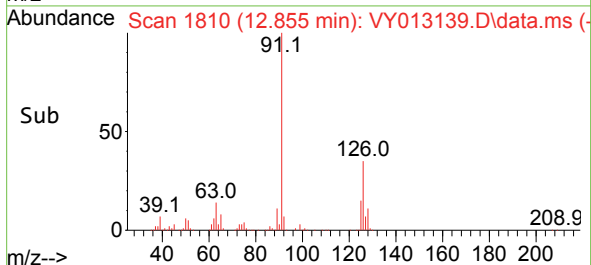
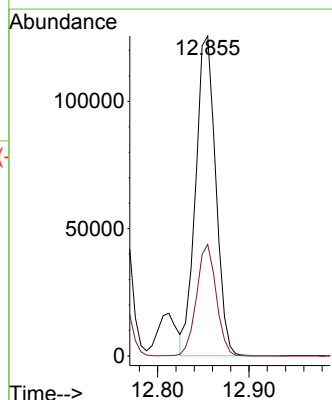
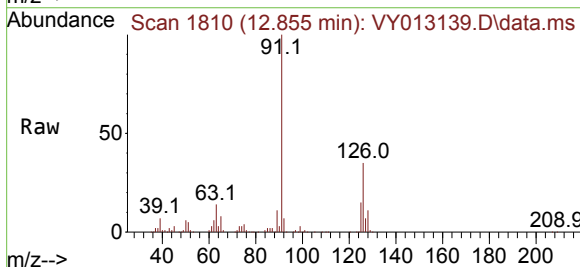
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

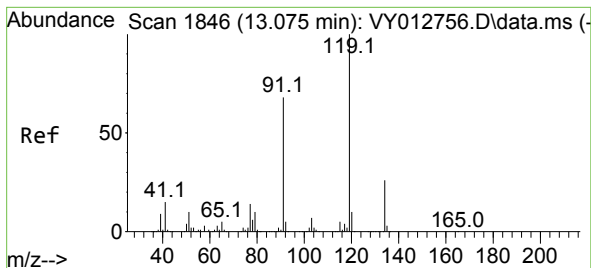
Tgt Ion: 75 Resp: 22392
Ion Ratio Lower Upper
75 100
53 95.0 73.4 110.0
89 44.9 36.6 55.0



#82
4-Chlorotoluene
Concen: 47.007 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY013139.D
Acq: 29 Mar 2023 18:55

Tgt Ion: 91 Resp: 191481
Ion Ratio Lower Upper
91 100
126 34.3 17.7 53.1





#83

tert-Butylbenzene

Concen: 47.591 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY013139.D

Acq: 29 Mar 2023 18:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

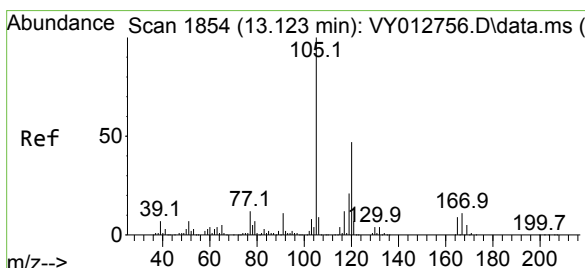
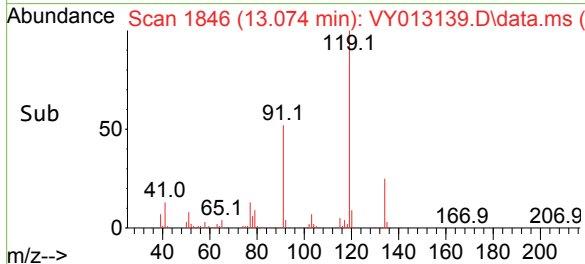
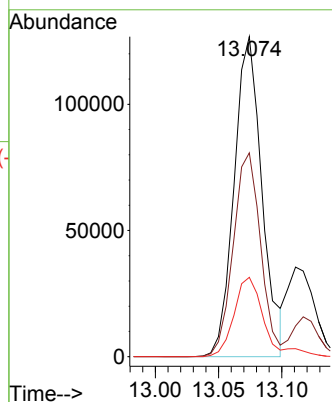
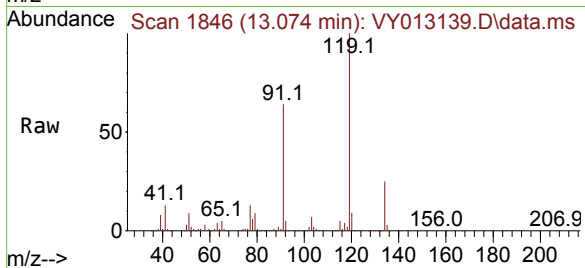
Tgt Ion:119 Resp: 194680

Ion Ratio Lower Upper

119 100

91 62.5 32.8 98.3

134 26.8 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 47.724 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY013139.D

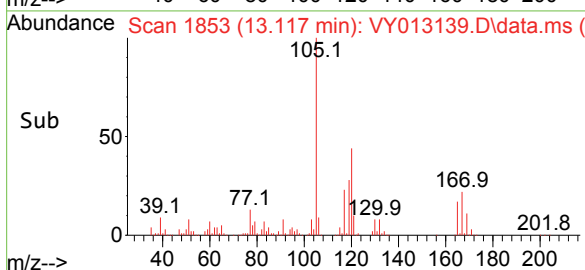
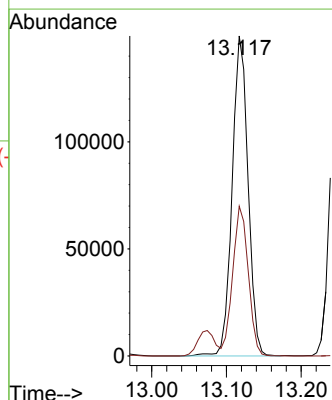
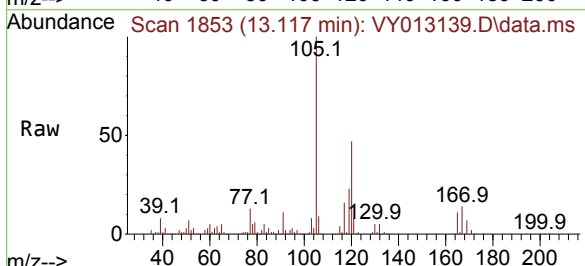
Acq: 29 Mar 2023 18:55

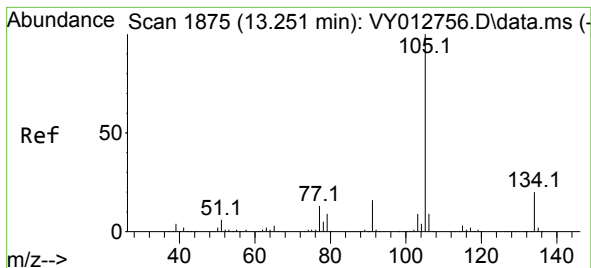
Tgt Ion:105 Resp: 221171

Ion Ratio Lower Upper

105 100

120 45.9 23.0 69.0





#85

sec-Butylbenzene

Concen: 46.004 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY013139.D

Acq: 29 Mar 2023 18:55

Instrument :

MSVOA_Y

ClientSampleId :

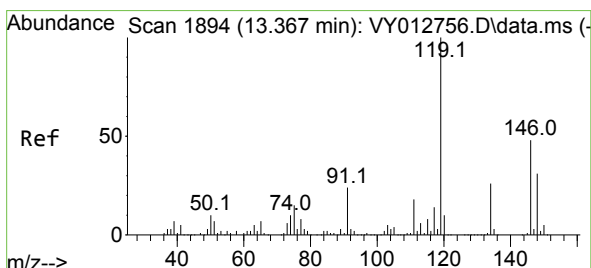
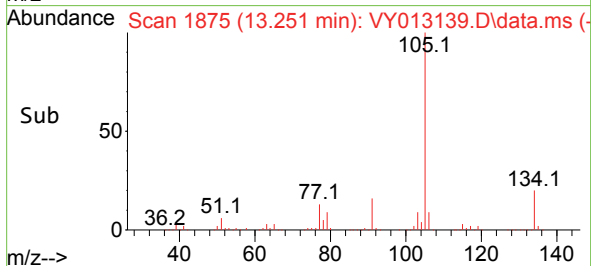
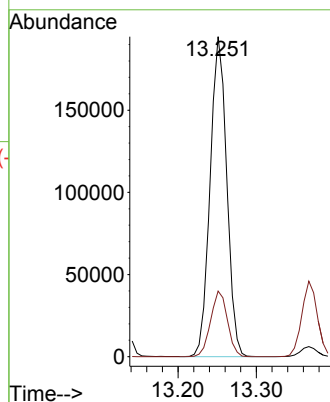
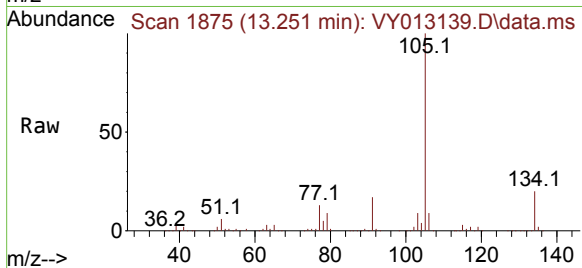
VSTDCCC050EC

Tgt Ion:105 Resp: 287093

Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.1



#86

p-Isopropyltoluene

Concen: 46.963 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY013139.D

Acq: 29 Mar 2023 18:55

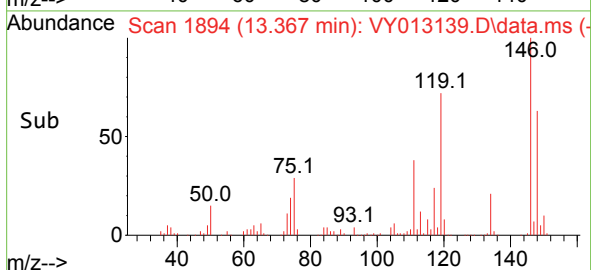
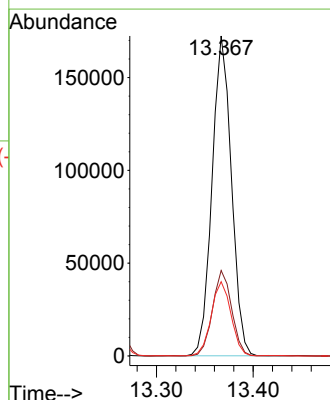
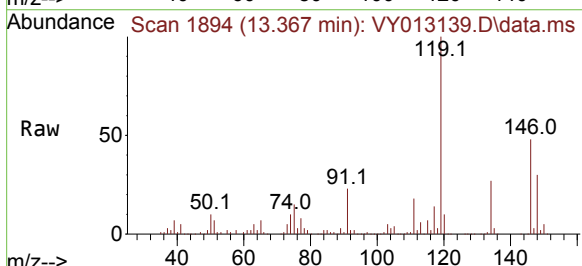
Tgt Ion:119 Resp: 239527

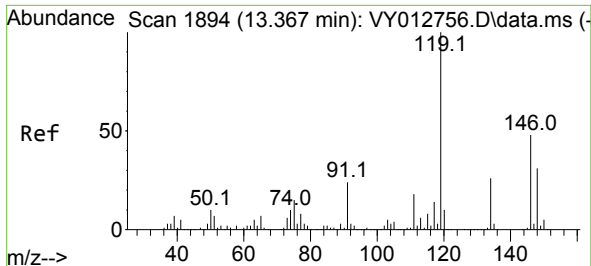
Ion Ratio Lower Upper

119 100

134 26.5 13.2 39.6

91 23.5 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 47.758 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY013139.D

Acq: 29 Mar 2023 18:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

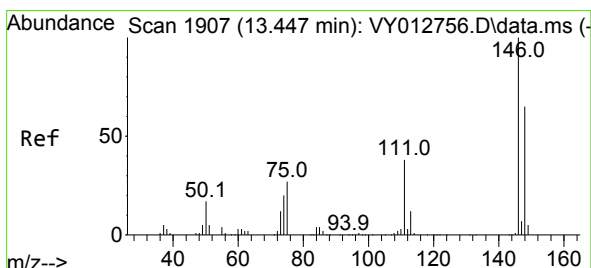
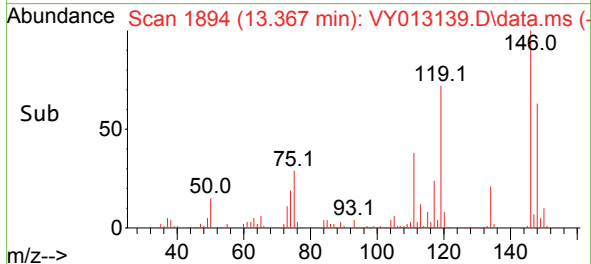
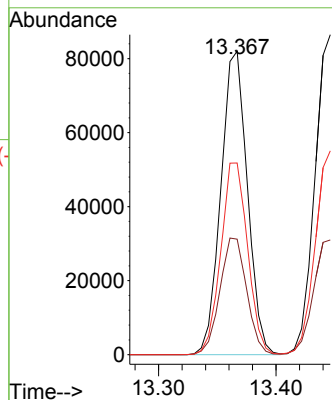
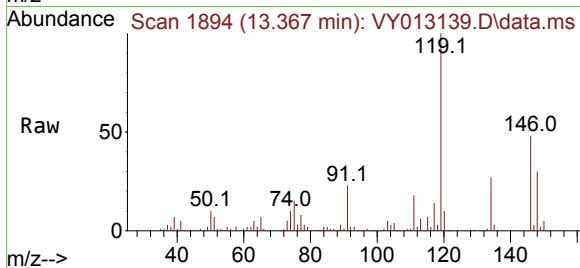
Tgt Ion:146 Resp: 128504

Ion Ratio Lower Upper

146 100

111 39.0 19.1 57.5

148 64.0 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 47.394 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY013139.D

Acq: 29 Mar 2023 18:55

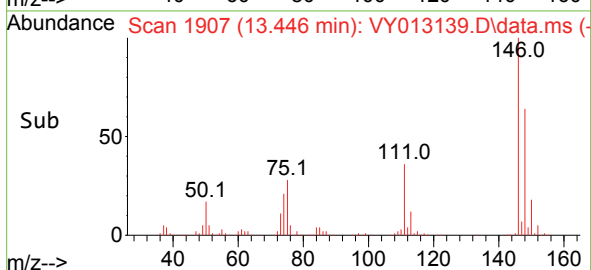
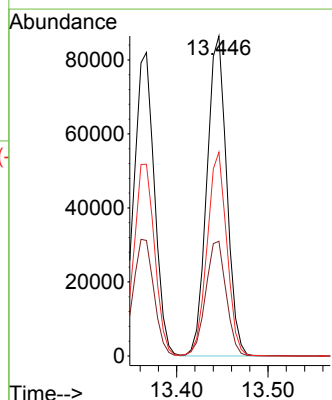
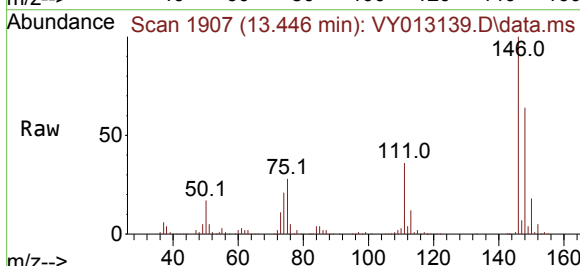
Tgt Ion:146 Resp: 130154

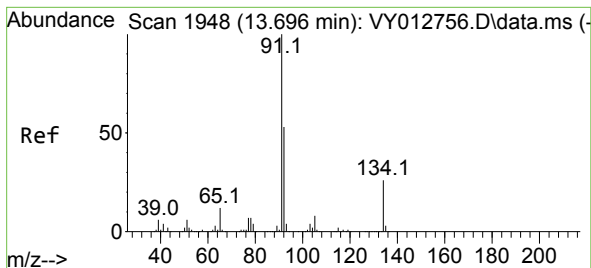
Ion Ratio Lower Upper

146 100

111 37.2 18.6 55.8

148 63.3 31.5 94.5





#89

n-Butylbenzene

Concen: 46.036 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY013139.D

Acq: 29 Mar 2023 18:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

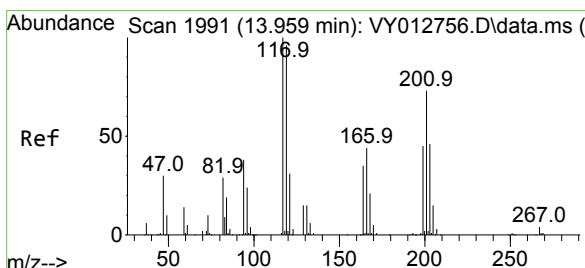
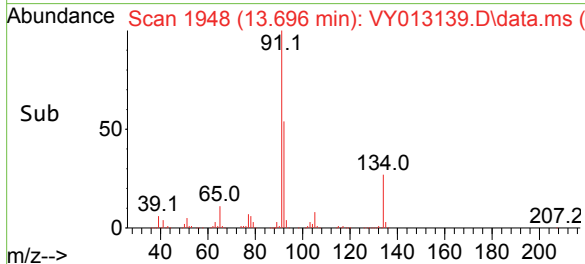
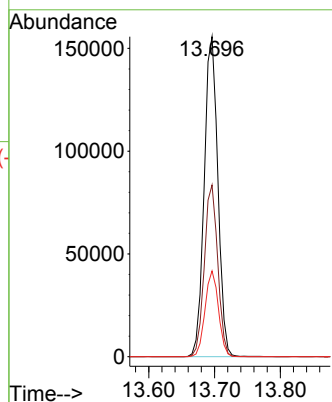
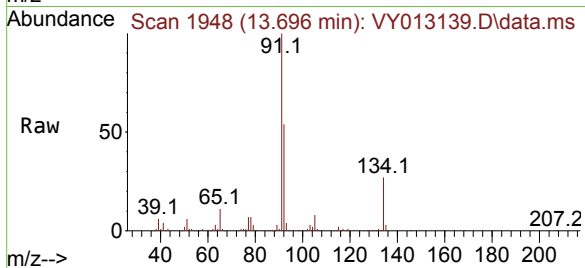
Tgt Ion: 91 Resp: 224776

Ion Ratio Lower Upper

91 100

92 52.7 26.4 79.0

134 26.4 13.0 38.9



#90

Hexachloroethane

Concen: 46.797 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY013139.D

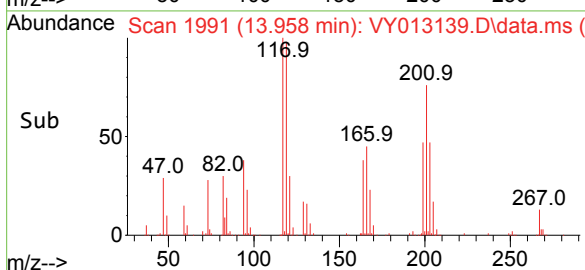
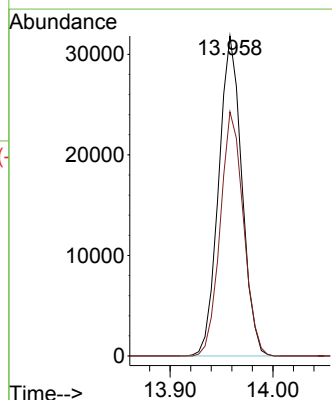
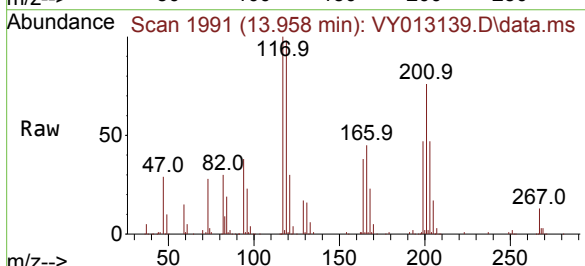
Acq: 29 Mar 2023 18:55

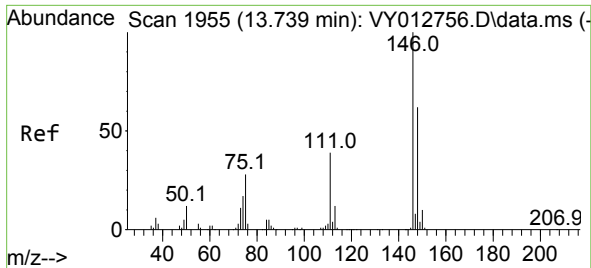
Tgt Ion: 117 Resp: 49712

Ion Ratio Lower Upper

117 100

201 76.5 39.4 118.1

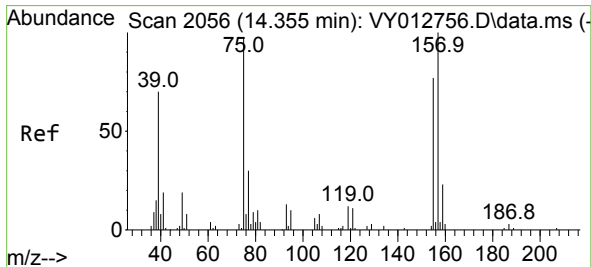
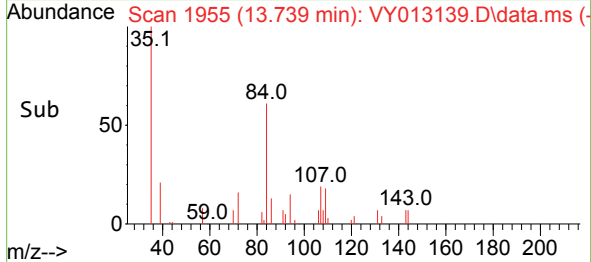
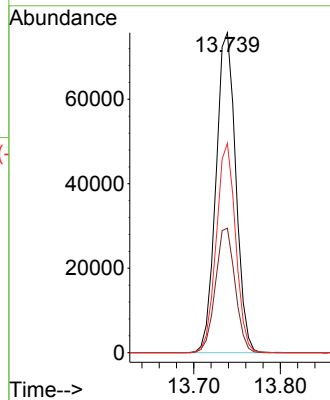
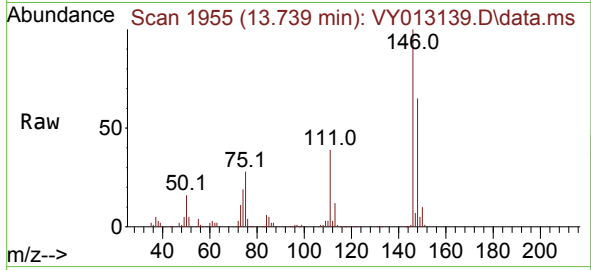




#91
1,2-Dichlorobenzene
Concen: 49.493 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY013139.D
Acq: 29 Mar 2023 18:55

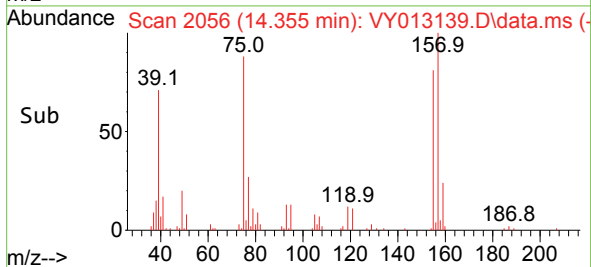
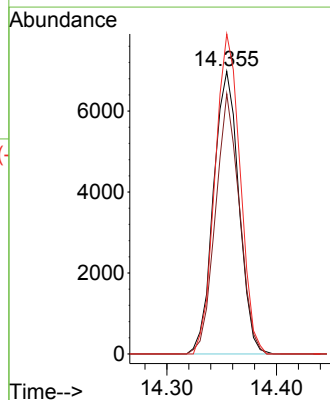
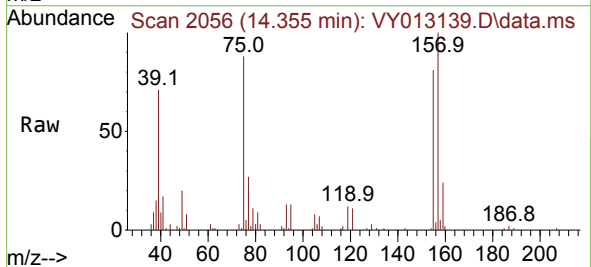
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

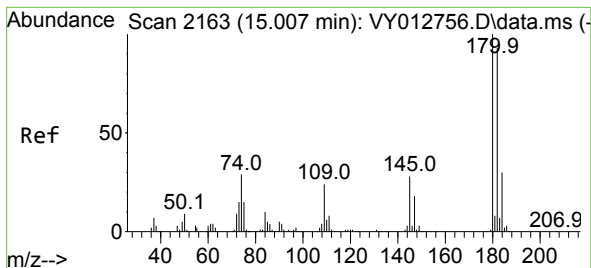
Tgt Ion:146 Resp: 120384
Ion Ratio Lower Upper
146 100
111 38.7 19.7 59.1
148 63.8 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.720 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY013139.D
Acq: 29 Mar 2023 18:55

Tgt Ion: 75 Resp: 11208
Ion Ratio Lower Upper
75 100
155 87.0 43.8 131.4
157 112.2 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 48.803 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY013139.D

Acq: 29 Mar 2023 18:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

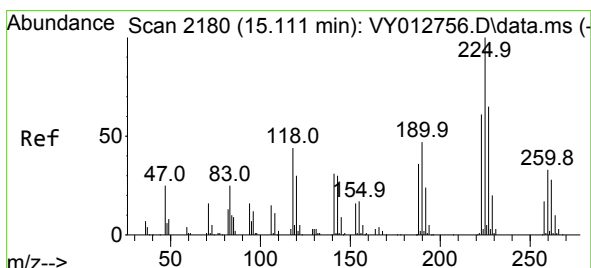
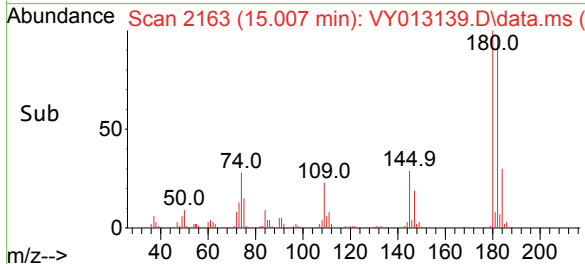
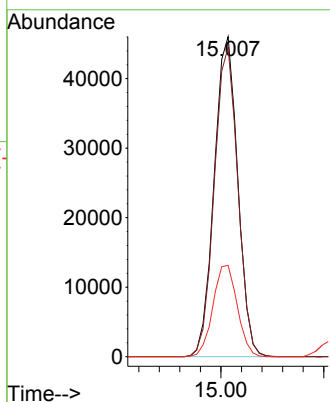
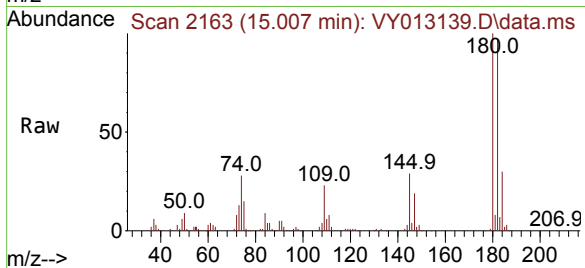
Tgt Ion:180 Resp: 73088

Ion Ratio Lower Upper

180 100

182 96.6 46.7 140.1

145 29.5 14.6 43.8



#94

Hexachlorobutadiene

Concen: 47.087 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013139.D

Acq: 29 Mar 2023 18:55

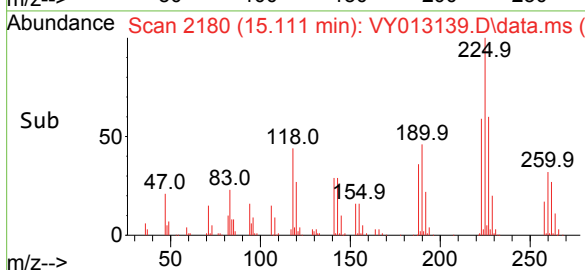
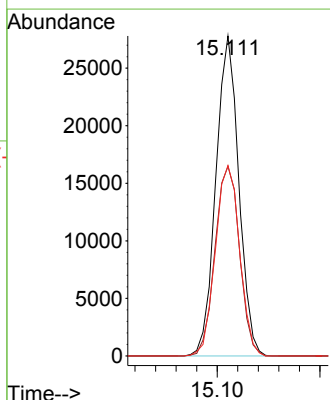
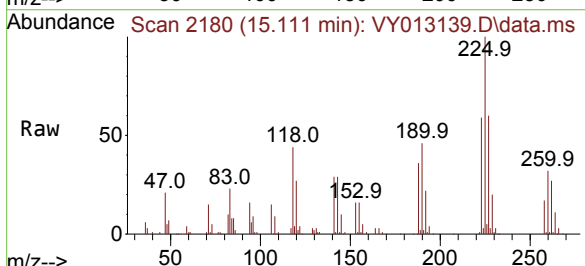
Tgt Ion:225 Resp: 43010

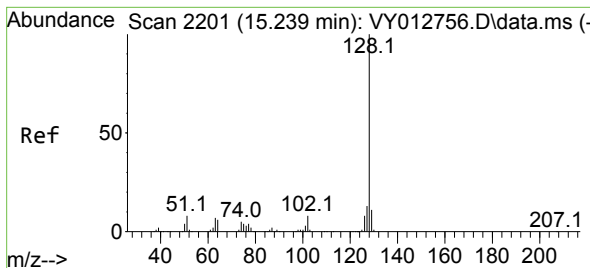
Ion Ratio Lower Upper

225 100

223 63.0 31.1 93.3

227 63.0 32.4 97.0





#95

Naphthalene

Concen: 54.509 ug/l

RT: 15.232 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY013139.D

Acq: 29 Mar 2023 18:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

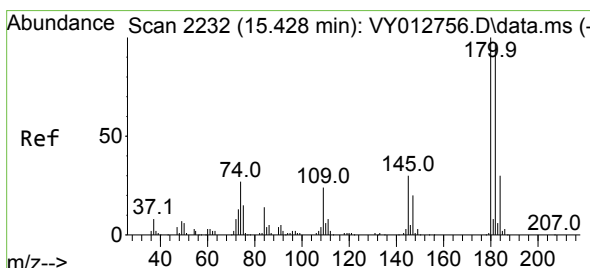
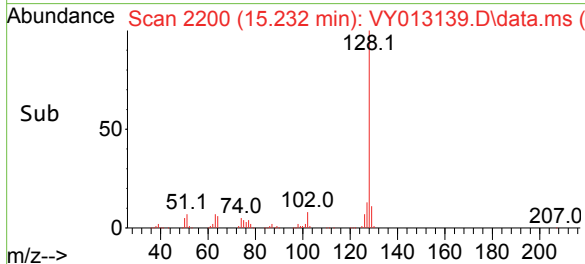
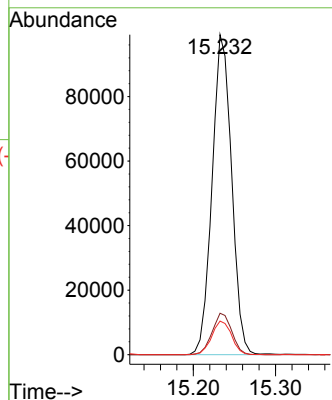
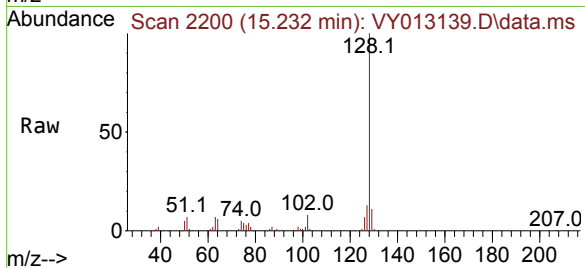
Tgt Ion:128 Resp: 163585

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 50.567 ug/l

RT: 15.421 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY013139.D

Acq: 29 Mar 2023 18:55

Tgt Ion:180 Resp: 67351

Ion Ratio Lower Upper

180 100

182 95.4 47.4 142.3

145 32.2 15.3 45.8

