

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031824\
 Data File : VY017700.D
 Acq On : 18 Mar 2024 19:45
 Operator : SY/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 19 04:13:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	135906	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	215610	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	191673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	94279	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	56472	43.844	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.680%
35) Dibromofluoromethane	7.728	113	67287	44.785	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.580%
50) Toluene-d8	10.191	98	250865	47.756	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.520%
62) 4-Bromofluorobenzene	12.489	95	79835	48.358	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.720%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	47251	47.132	ug/l	97
3) Chloromethane	2.113	50	94853	51.783	ug/l	100
4) Vinyl Chloride	2.253	62	114597	48.766	ug/l	99
5) Bromomethane	2.656	94	109085	56.963	ug/l	100
6) Chloroethane	2.796	64	78947	53.255	ug/l	97
7) Trichlorofluoromethane	3.131	101	112063	46.790	ug/l	97
8) Diethyl Ether	3.534	74	35301	50.254	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.912	101	68036	49.387	ug/l	98
10) Methyl Iodide	4.101	142	78025	50.468	ug/l	100
11) Tert butyl alcohol	4.997	59	24309	222.184	ug/l #	85
12) 1,1-Dichloroethene	3.881	96	66406	51.724	ug/l	98
13) Acrolein	3.741	56	30259	209.605	ug/l	100
14) Allyl chloride	4.491	41	78422	50.553	ug/l	96
15) Acrylonitrile	5.180	53	67880	235.068	ug/l	99
16) Acetone	3.966	43	46029	184.246	ug/l	99
17) Carbon Disulfide	4.204	76	203499	52.808	ug/l	98
18) Methyl Acetate	4.497	43	34021	56.132	ug/l	100
19) Methyl tert-butyl Ether	5.234	73	148623	49.667	ug/l	98
20) Methylene Chloride	4.728	84	76575	52.438	ug/l	97
21) trans-1,2-Dichloroethene	5.234	96	78191	52.016	ug/l	95
22) Diisopropyl ether	6.137	45	185997	51.959	ug/l	99
23) Vinyl Acetate	6.076	43	518552	243.097	ug/l	100
24) 1,1-Dichloroethane	6.033	63	126846	51.867	ug/l	99
25) 2-Butanone	7.002	43	73162	205.493	ug/l	96
26) 2,2-Dichloropropane	6.996	77	97392	47.366	ug/l	97
27) cis-1,2-Dichloroethene	6.996	96	88415	52.385	ug/l	96
28) Bromochloromethane	7.350	49	56382	58.539	ug/l	94
29) Tetrahydrofuran	7.362	42	49733	231.728	ug/l	99
30) Chloroform	7.521	83	134936	51.824	ug/l	100
31) Cyclohexane	7.795	56	102719	49.004	ug/l	99
32) 1,1,1-Trichloroethane	7.716	97	114487	50.646	ug/l	99
36) 1,1-Dichloropropene	7.929	75	103626	51.120	ug/l	99
37) Ethyl Acetate	7.094	43	35706	44.597	ug/l	98
38) Carbon Tetrachloride	7.911	117	103486	50.938	ug/l	99
39) Methylcyclohexane	9.191	83	125512	51.520	ug/l	100
40) Benzene	8.173	78	309328	51.383	ug/l	99

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 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	19127	47.607	ug/l	94
42) 1,2-Dichloroethane	8.246	62	71763	48.858	ug/l	98
43) Isopropyl Acetate	8.283	43	65870	46.818	ug/l	98
44) Trichloroethene	8.947	130	88562	51.040	ug/l	96
45) 1,2-Dichloropropane	9.228	63	72365	50.526	ug/l	95
46) Dibromomethane	9.313	93	41126	50.173	ug/l	95
47) Bromodichloromethane	9.508	83	101251	50.874	ug/l	99
48) Methyl methacrylate	9.301	41	32932	50.569	ug/l	98
49) 1,4-Dioxane	9.325	88	8677	935.381	ug/l #	99
51) 4-Methyl-2-Pentanone	10.081	43	181748	231.785	ug/l	98
52) Toluene	10.252	92	196123	51.678	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	92384	50.010	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	112385	50.068	ug/l	97
55) 1,1,2-Trichloroethane	10.654	97	59065	50.752	ug/l	99
56) Ethyl methacrylate	10.520	69	66080	46.349	ug/l	98
57) 1,3-Dichloropropane	10.801	76	94314	49.844	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	178009	265.066	ug/l	99
59) 2-Hexanone	10.843	43	120970	224.602	ug/l	98
60) Dibromochloromethane	10.996	129	70404	51.137	ug/l	99
61) 1,2-Dibromoethane	11.099	107	55320	51.581	ug/l	98
64) Tetrachloroethene	10.727	164	94855	51.559	ug/l	97
65) Chlorobenzene	11.526	112	206417	50.737	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	76997	50.518	ug/l	99
67) Ethyl Benzene	11.599	91	371591	52.080	ug/l	100
68) m/p-Xylenes	11.709	106	294863	105.172	ug/l	99
69) o-Xylene	12.038	106	136899	52.633	ug/l	98
70) Styrene	12.050	104	228472	52.919	ug/l	98
71) Bromoform	12.215	173	42883	50.773	ug/l #	98
73) Isopropylbenzene	12.337	105	354709	50.642	ug/l	99
74) N-amyl acetate	12.148	43	56815	45.990	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.587	83	58469	48.611	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	74162	82.789	ug/l #	100
77) Bromobenzene	12.617	156	85796	50.580	ug/l	94
78) n-propylbenzene	12.678	91	427955	50.920	ug/l	99
79) 2-Chlorotoluene	12.764	91	233865	49.701	ug/l	98
80) 1,3,5-Trimethylbenzene	12.818	105	287284	51.195	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	18245	46.800	ug/l	97
82) 4-Chlorotoluene	12.861	91	239237	49.708	ug/l	97
83) tert-Butylbenzene	13.081	119	248454	50.420	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	281846	50.875	ug/l	100
85) sec-Butylbenzene	13.257	105	381544	50.644	ug/l	99
86) p-Isopropyltoluene	13.373	119	315052	51.085	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	168586	49.516	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	164398	49.666	ug/l	98
89) n-Butylbenzene	13.702	91	282604	50.225	ug/l	100
90) Hexachloroethane	13.965	117	62328	50.410	ug/l	95
91) 1,2-Dichlorobenzene	13.745	146	145404	50.490	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	7842	46.377	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	77637	51.038	ug/l	99
94) Hexachlorobutadiene	15.117	225	47610	50.693	ug/l	98
95) Naphthalene	15.245	128	131782	45.124	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	65880	50.484	ug/l	99

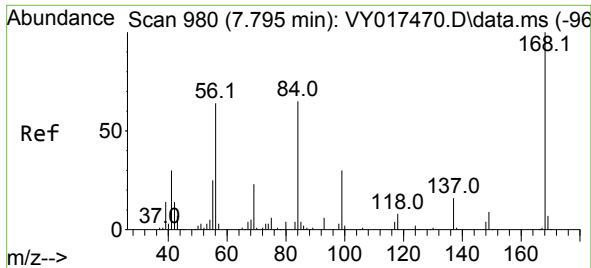
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031824\
Data File : VY017700.D
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Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
Response via : Initial Calibration

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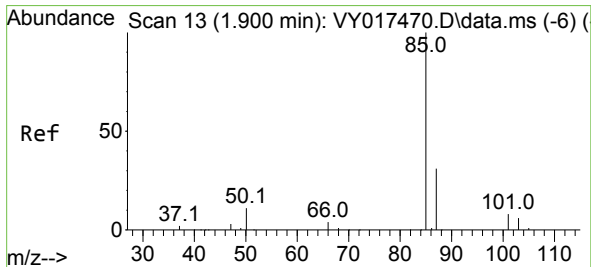
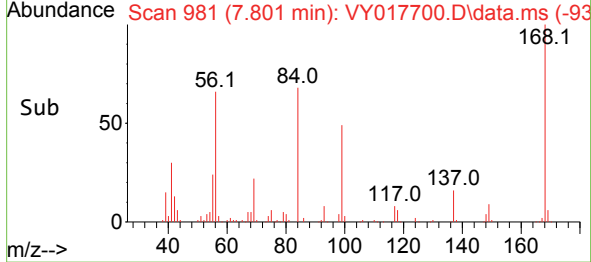
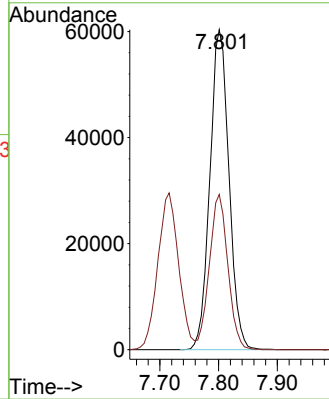
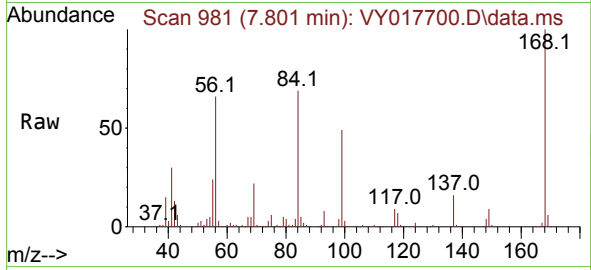
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017700.D
Acq: 18 Mar 2024 19:45

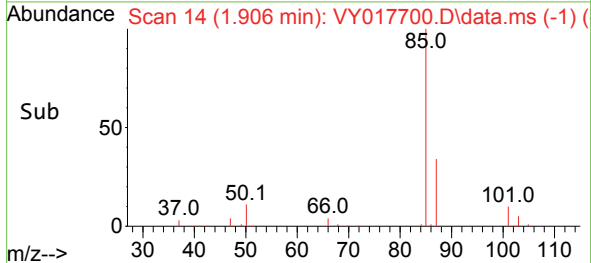
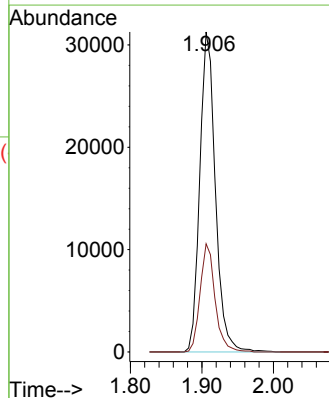
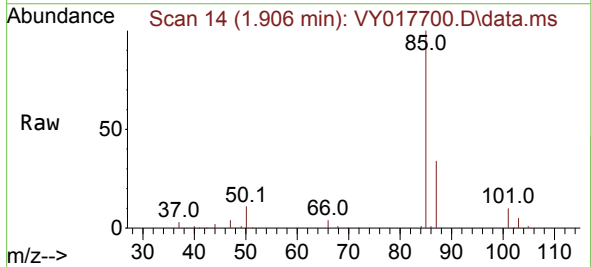
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

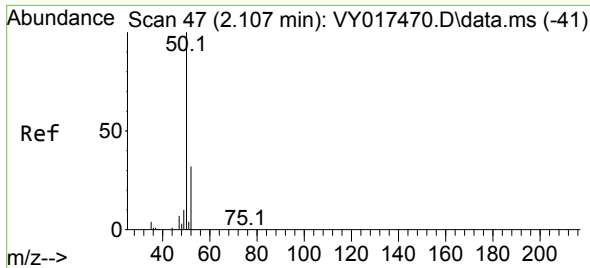
Tgt Ion:168 Resp: 135906
Ion Ratio Lower Upper
168 100
99 48.5 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 47.132 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY017700.D
Acq: 18 Mar 2024 19:45

Tgt Ion: 85 Resp: 47251
Ion Ratio Lower Upper
85 100
87 33.8 16.0 48.0

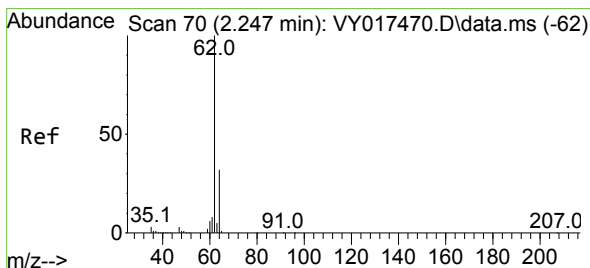
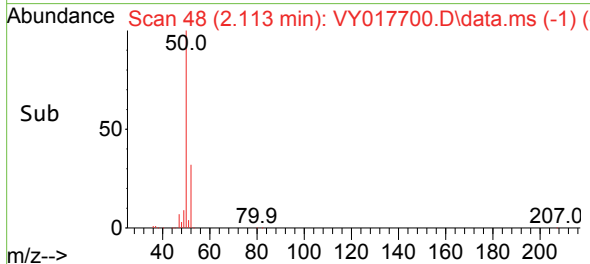
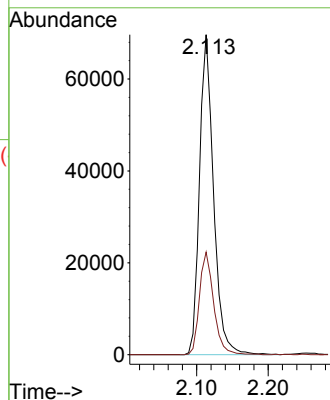
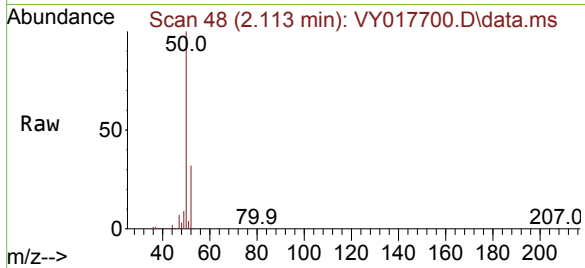




#3
Chloromethane
Concen: 51.783 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY017700.D
Acq: 18 Mar 2024 19:45

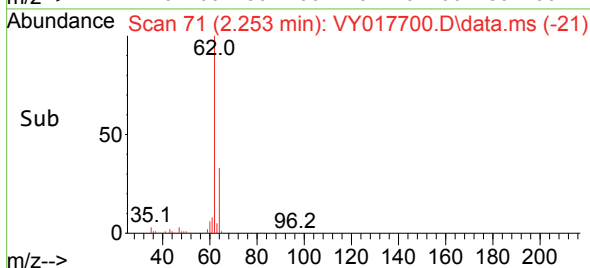
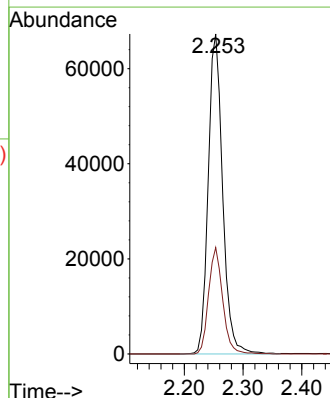
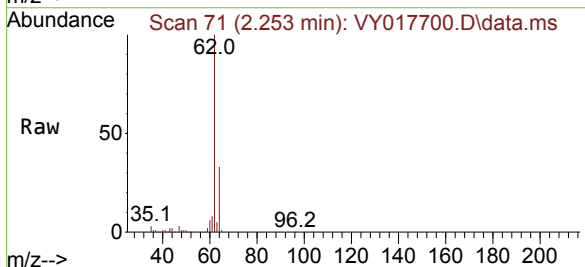
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 94853
Ion Ratio Lower Upper
50 100
52 32.1 25.6 38.4



#4
Vinyl Chloride
Concen: 48.766 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY017700.D
Acq: 18 Mar 2024 19:45

Tgt Ion: 62 Resp: 114597
Ion Ratio Lower Upper
62 100
64 33.3 26.1 39.1

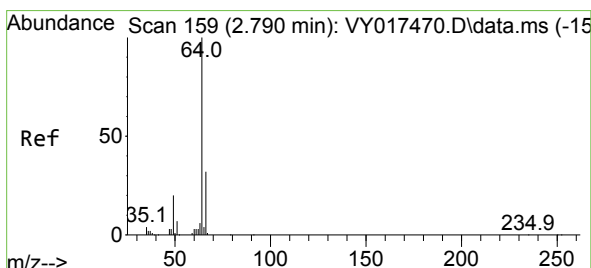
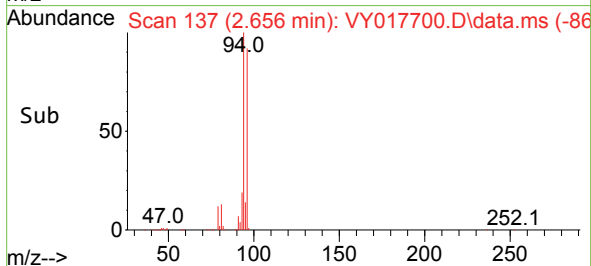
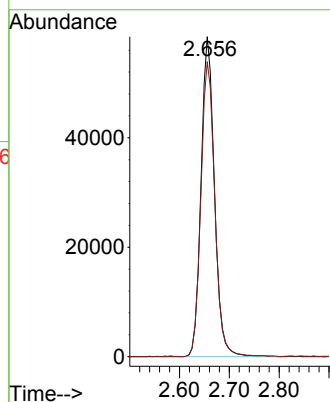
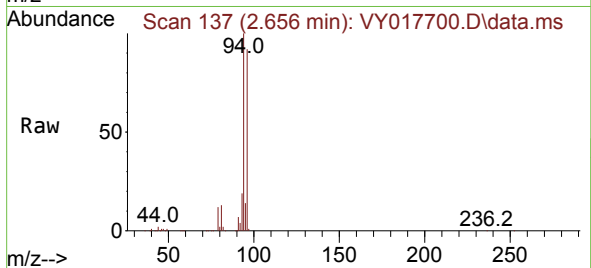




#5
Bromomethane
Concen: 56.963 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017700.D
Acq: 18 Mar 2024 19:45

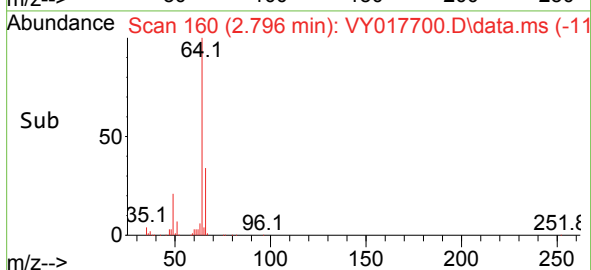
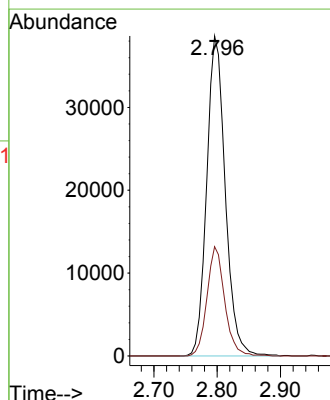
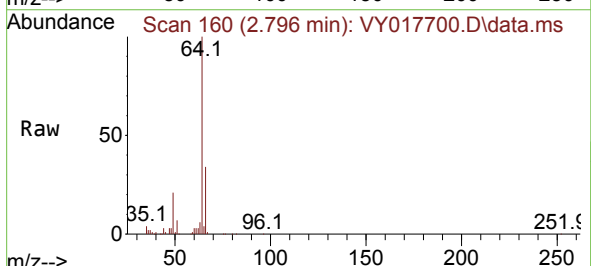
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 109085
Ion Ratio Lower Upper
94 100
96 92.2 74.1 111.1



#6
Chloroethane
Concen: 53.255 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY017700.D
Acq: 18 Mar 2024 19:45

Tgt Ion: 64 Resp: 78947
Ion Ratio Lower Upper
64 100
66 34.1 26.1 39.1

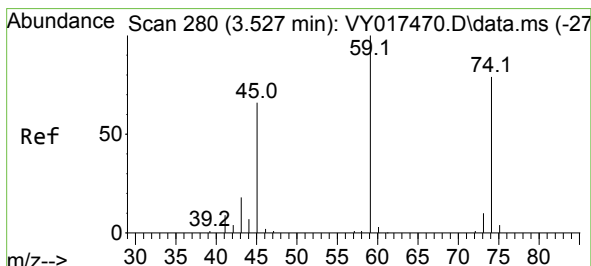
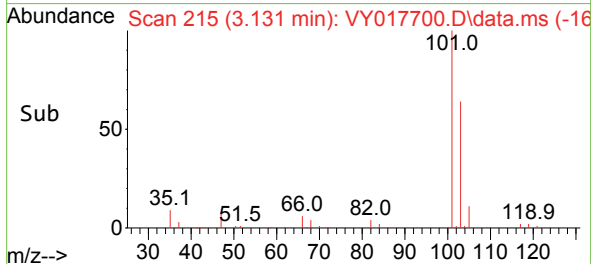
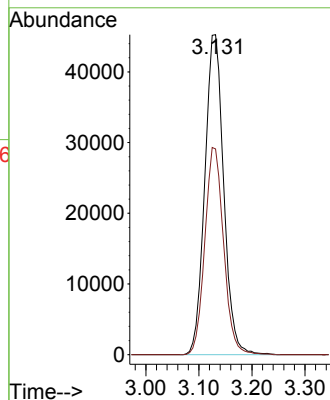
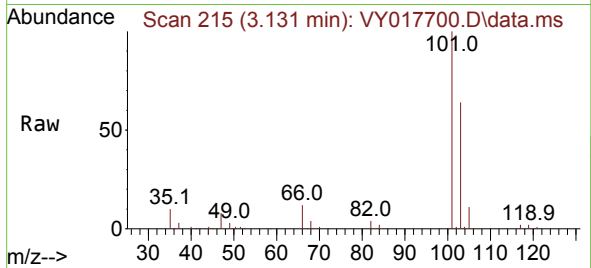




#7
 Trichlorofluoromethane
 Concen: 46.790 ug/l
 RT: 3.131 min Scan# 213
 Delta R.T. 0.012 min
 Lab File: VY017700.D
 Acq: 18 Mar 2024 19:45

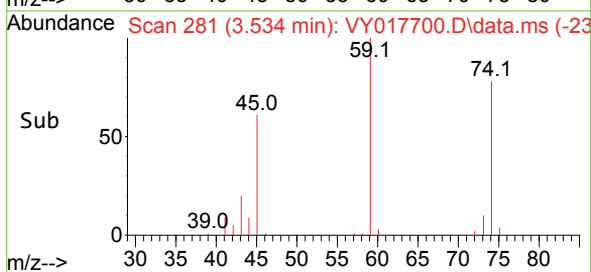
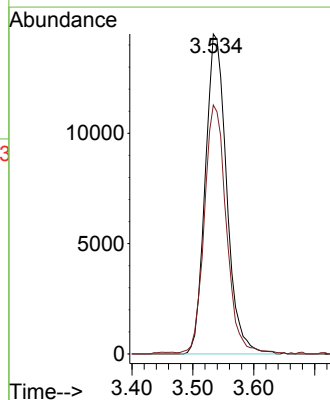
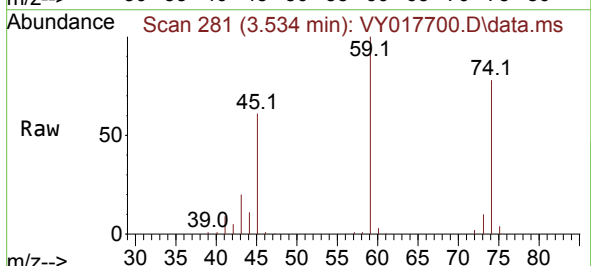
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 VSTDCCC050EC

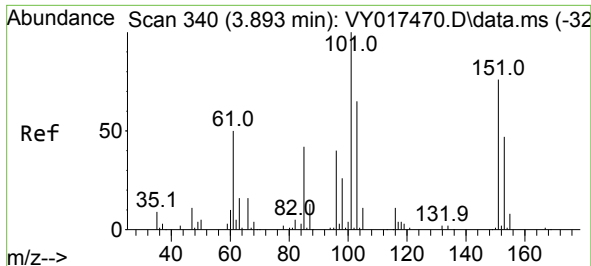
Tgt Ion:101 Resp: 112063
 Ion Ratio Lower Upper
 101 100
 103 64.3 49.3 73.9



#8
 Diethyl Ether
 Concen: 50.254 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.006 min
 Lab File: VY017700.D
 Acq: 18 Mar 2024 19:45

Tgt Ion: 74 Resp: 35301
 Ion Ratio Lower Upper
 74 100
 45 80.7 41.3 124.1

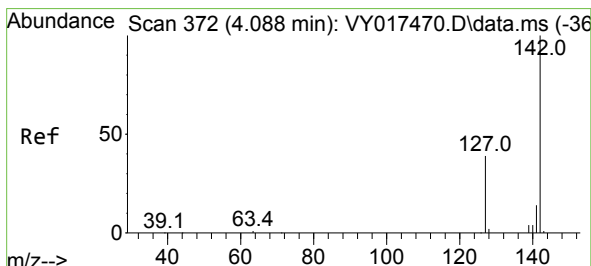
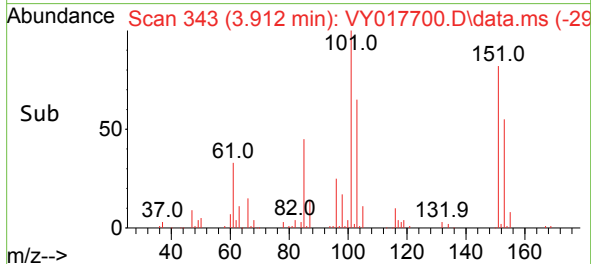
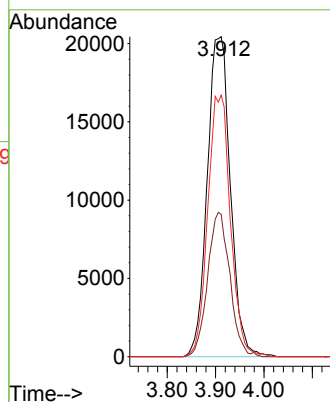
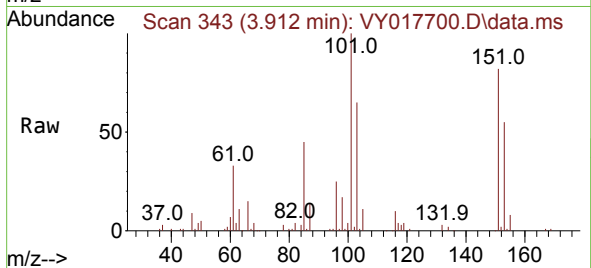




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.387 ug/l
RT: 3.912 min Scan# 34
Delta R.T. 0.018 min
Lab File: VY017700.D
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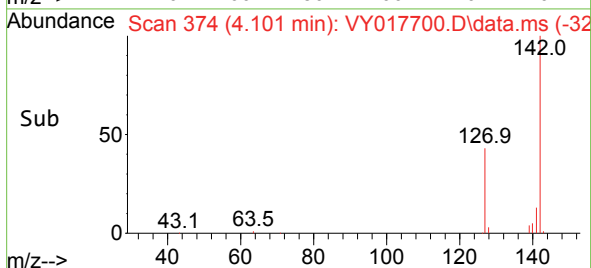
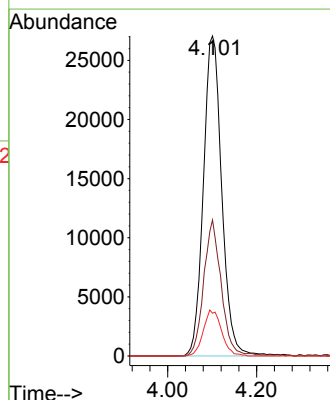
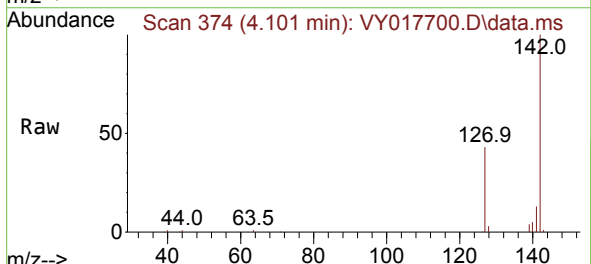
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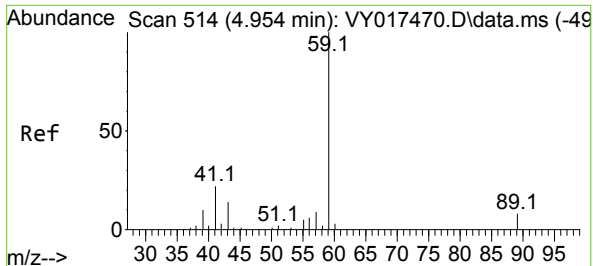
Tgt Ion:101 Resp: 68036
Ion Ratio Lower Upper
101 100
85 43.2 34.5 51.7
151 79.9 61.7 92.5



#10
Methyl Iodide
Concen: 50.468 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.012 min
Lab File: VY017700.D
Acq: 18 Mar 2024 19:45

Tgt Ion:142 Resp: 78025
Ion Ratio Lower Upper
142 100
127 40.7 32.8 49.2
141 14.3 11.4 17.2

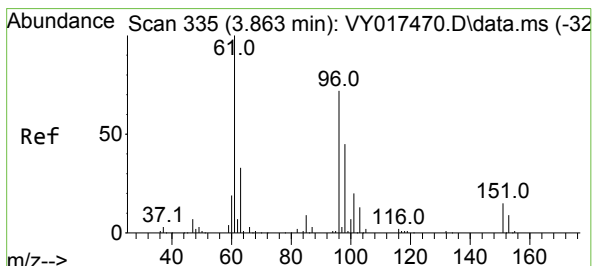
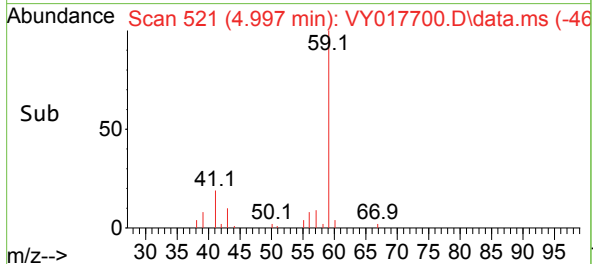
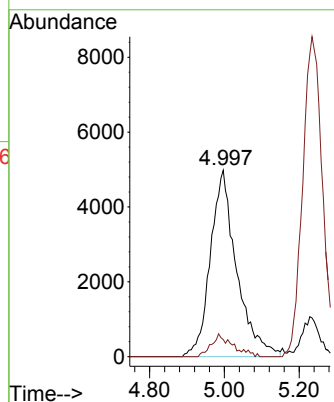
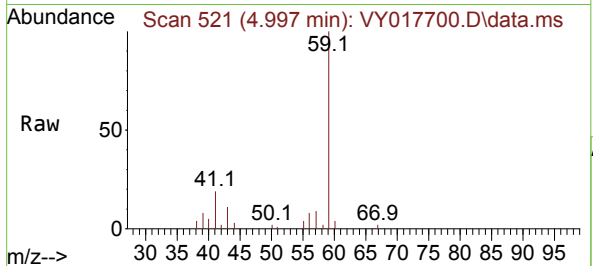




#11
Tert butyl alcohol
Concen: 222.184 ug/l
RT: 4.997 min Scan# 514
Delta R.T. 0.043 min
Lab File: VY017700.D
Acq: 18 Mar 2024 19:45

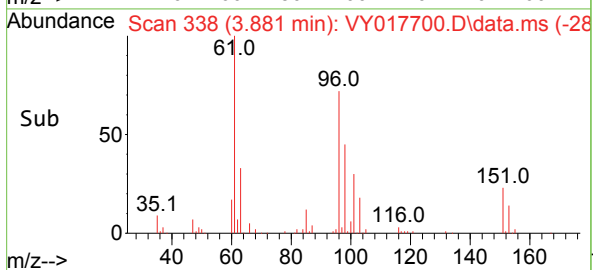
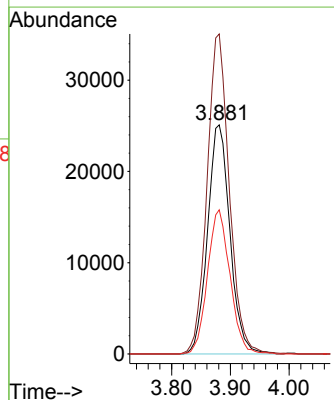
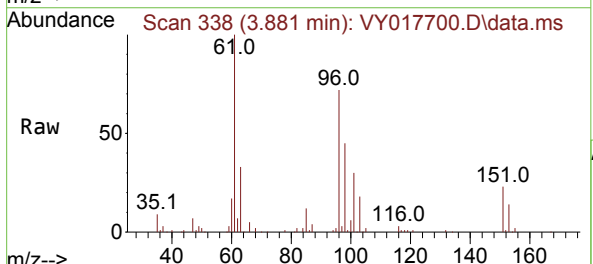
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

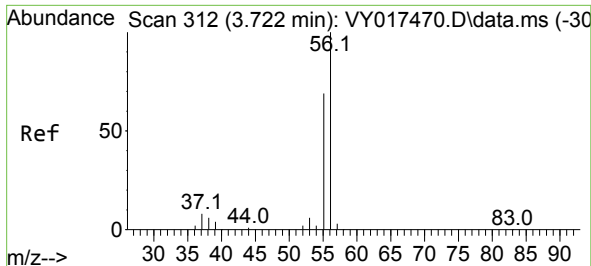
Tgt Ion: 59 Resp: 24309
Ion Ratio Lower Upper
59 100
57 8.8 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 51.724 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.018 min
Lab File: VY017700.D
Acq: 18 Mar 2024 19:45

Tgt Ion: 96 Resp: 66406
Ion Ratio Lower Upper
96 100
61 139.7 114.6 171.8
98 62.9 50.8 76.2





#13

Acrolein

Concen: 209.605 ug/l

RT: 3.741 min Scan# 315

Delta R.T. 0.018 min

Lab File: VY017700.D

Acq: 18 Mar 2024 19:45

Instrument :

MSVOA_Y

ClientSampleId :

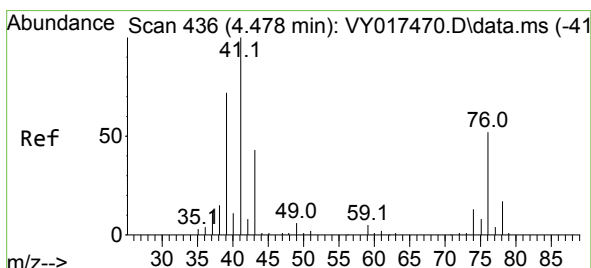
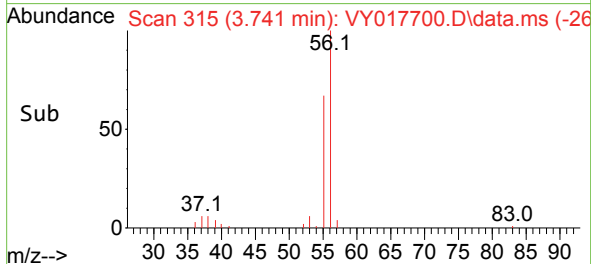
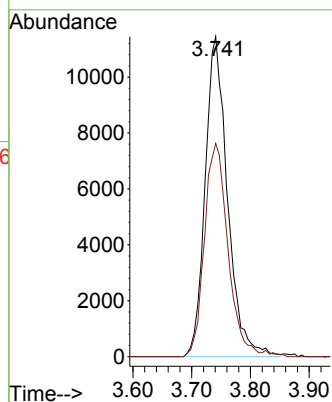
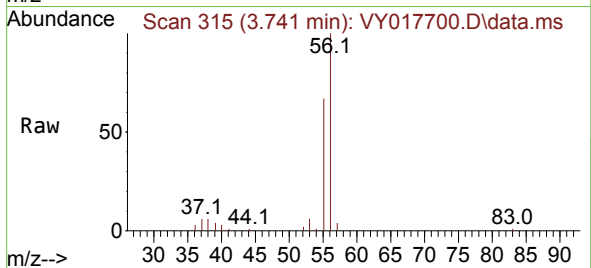
VSTDCCC050EC

Tgt Ion: 56 Resp: 30259

Ion Ratio Lower Upper

56 100

55 69.8 55.7 83.5



#14

Allyl chloride

Concen: 50.553 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.012 min

Lab File: VY017700.D

Acq: 18 Mar 2024 19:45

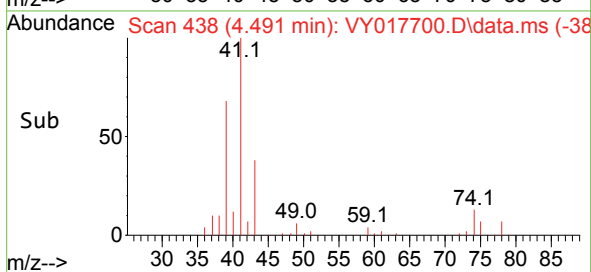
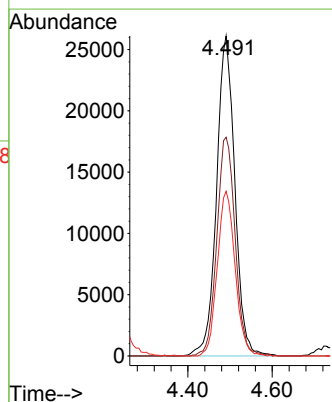
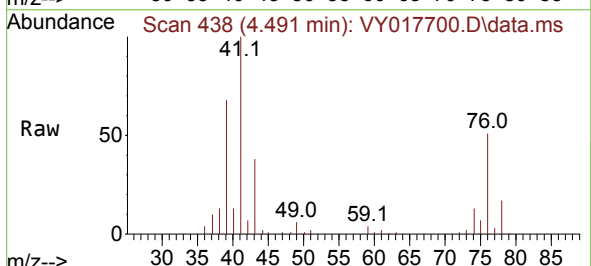
Tgt Ion: 41 Resp: 78422

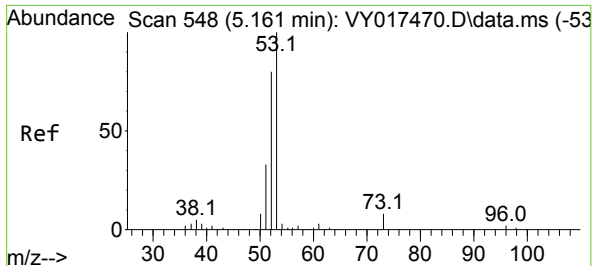
Ion Ratio Lower Upper

41 100

39 68.7 58.3 87.5

76 50.3 39.0 58.6





#15

Acrylonitrile

Concen: 235.068 ug/l

RT: 5.180 min Scan# 51

Delta R.T. 0.018 min

Lab File: VY017700.D

Acq: 18 Mar 2024 19:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

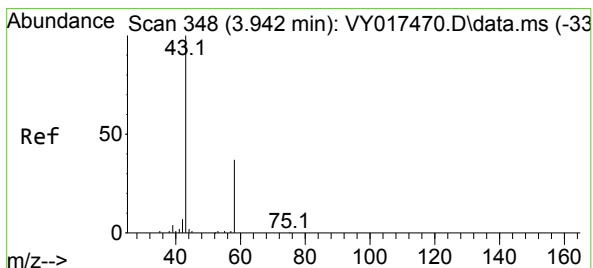
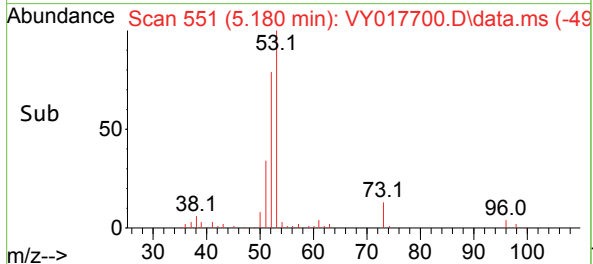
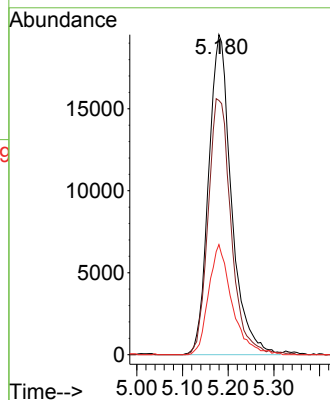
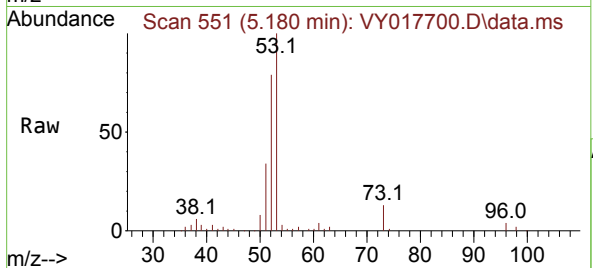
Tgt Ion: 53 Resp: 67880

Ion Ratio Lower Upper

53 100

52 80.3 64.7 97.1

51 35.2 28.4 42.6



#16

Acetone

Concen: 184.246 ug/l

RT: 3.966 min Scan# 352

Delta R.T. 0.024 min

Lab File: VY017700.D

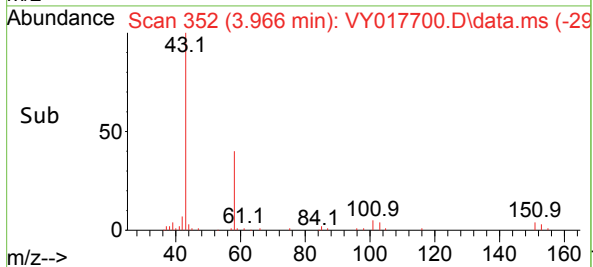
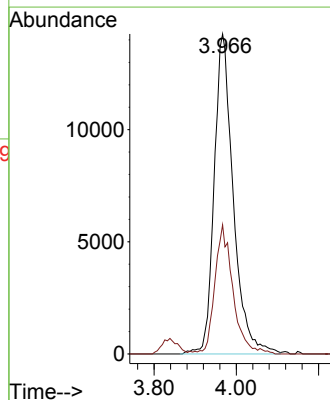
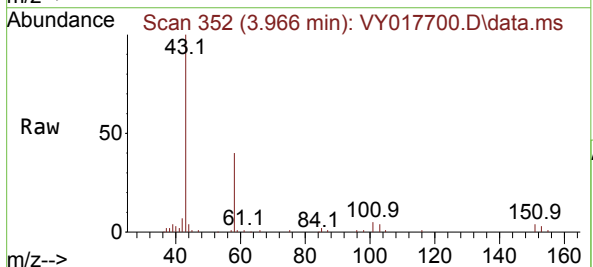
Acq: 18 Mar 2024 19:45

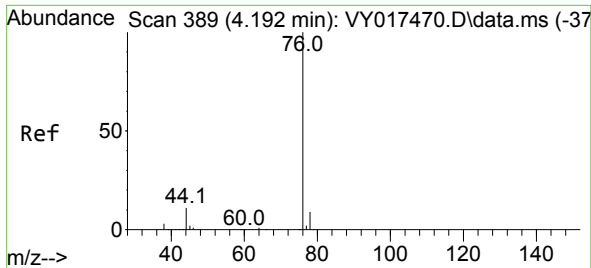
Tgt Ion: 43 Resp: 46029

Ion Ratio Lower Upper

43 100

58 40.4 31.7 47.5





#17

Carbon Disulfide

Concen: 52.808 ug/l

RT: 4.204 min Scan# 391

Delta R.T. 0.012 min

Lab File: VY017700.D

Acq: 18 Mar 2024 19:45

Instrument :

MSVOA_Y

ClientSampleId :

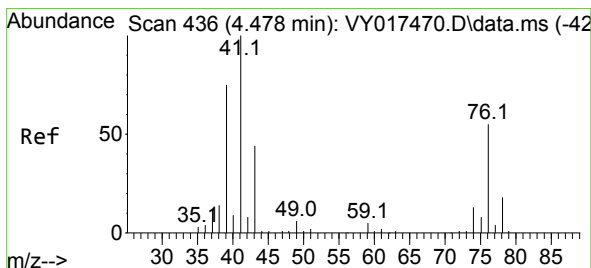
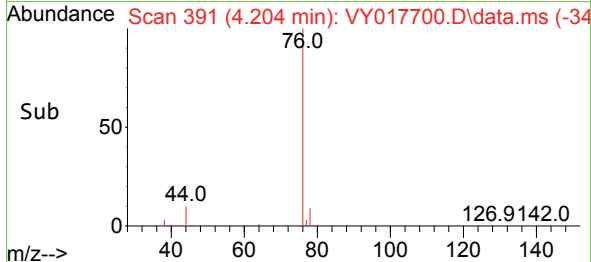
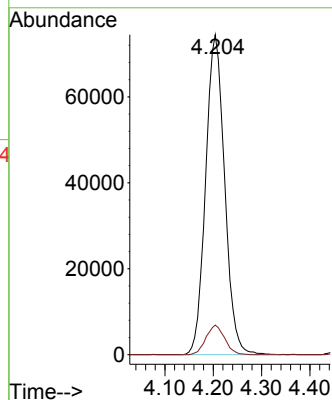
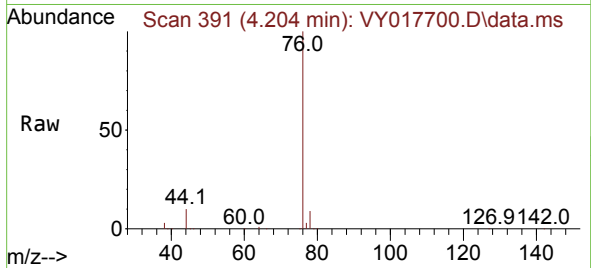
VSTDCCC050EC

Tgt Ion: 76 Resp: 203499

Ion Ratio Lower Upper

76 100

78 9.3 6.8 10.2



#18

Methyl Acetate

Concen: 56.132 ug/l

RT: 4.497 min Scan# 439

Delta R.T. 0.018 min

Lab File: VY017700.D

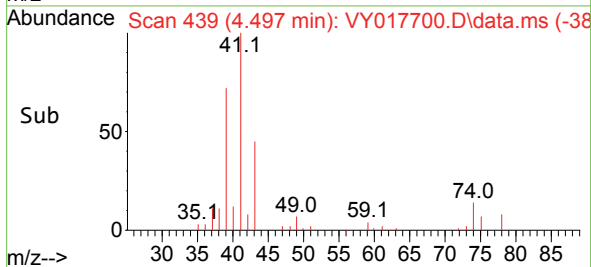
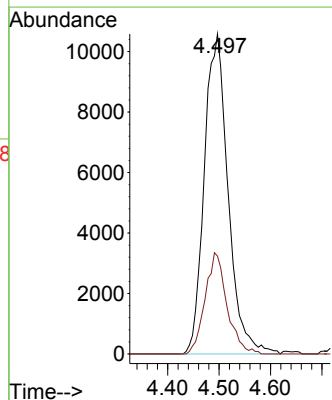
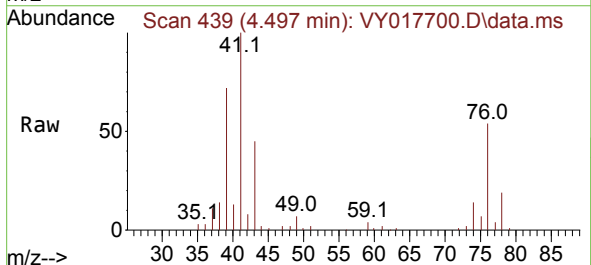
Acq: 18 Mar 2024 19:45

Tgt Ion: 43 Resp: 34021

Ion Ratio Lower Upper

43 100

74 29.1 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 49.667 ug/l

RT: 5.234 min Scan# 5

Delta R.T. 0.012 min

Lab File: VY017700.D

Acq: 18 Mar 2024 19:45

Instrument :

MSVOA_Y

ClientSampleId :

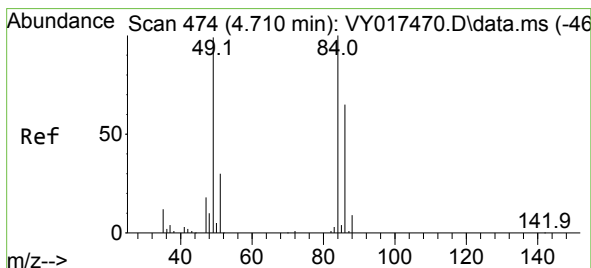
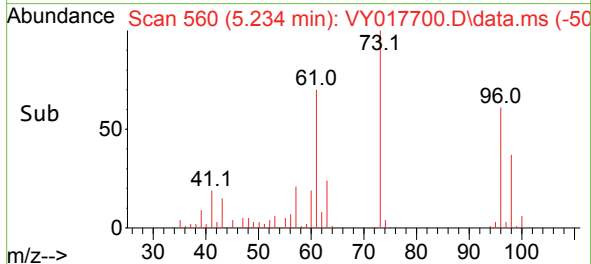
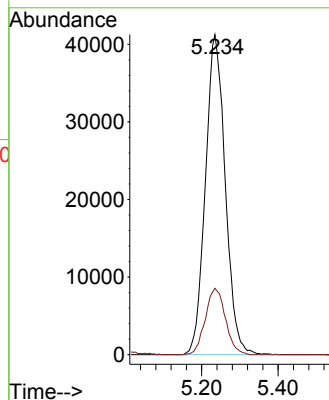
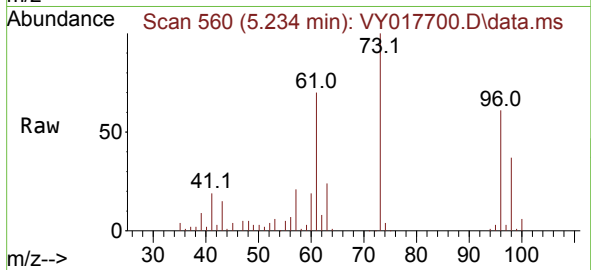
VSTDCCC050EC

Tgt Ion: 73 Resp: 148623

Ion Ratio Lower Upper

73 100

57 20.7 17.3 25.9



#20

Methylene Chloride

Concen: 52.438 ug/l

RT: 4.728 min Scan# 477

Delta R.T. 0.018 min

Lab File: VY017700.D

Acq: 18 Mar 2024 19:45

Tgt Ion: 84 Resp: 76575

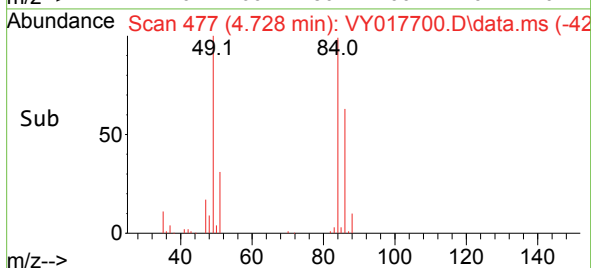
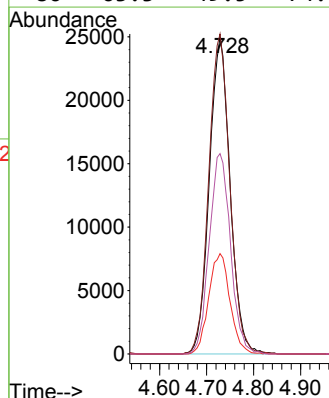
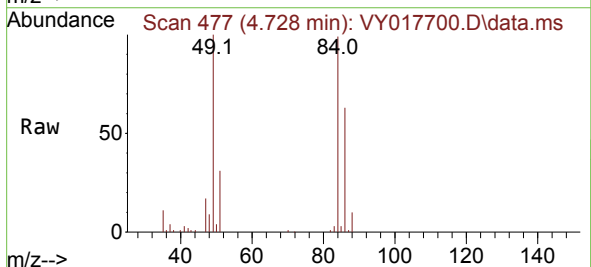
Ion Ratio Lower Upper

84 100

49 101.1 84.4 126.6

51 31.7 26.0 39.0

86 63.3 49.5 74.3

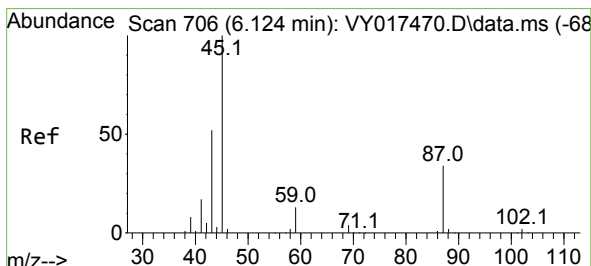
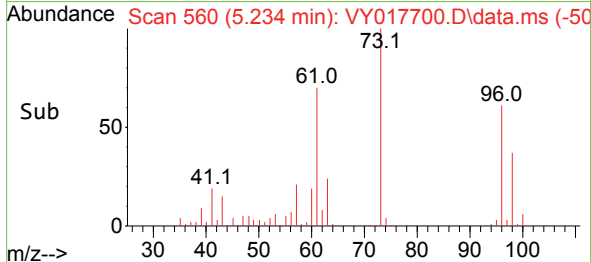
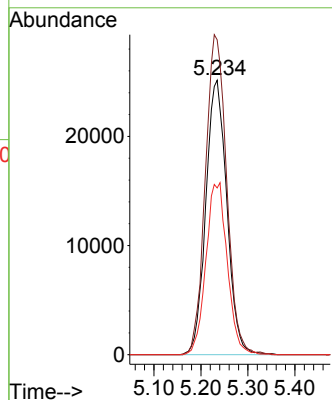
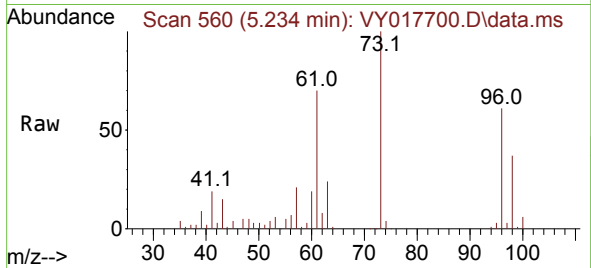




#21
trans-1,2-Dichloroethene
Concen: 52.016 ug/l
RT: 5.234 min Scan# 50
Delta R.T. 0.018 min
Lab File: VY017700.D
Acq: 18 Mar 2024 19:45

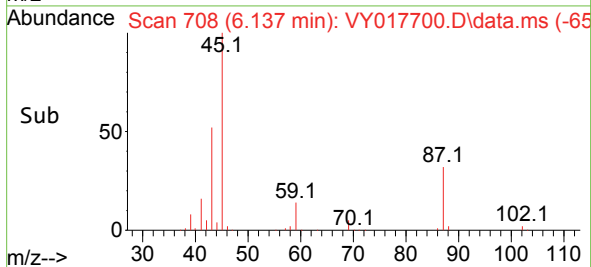
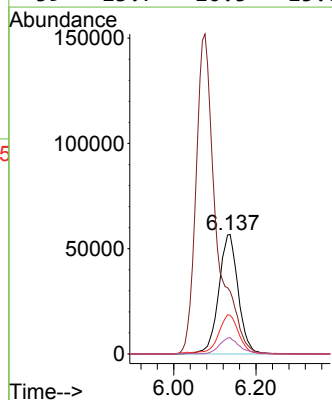
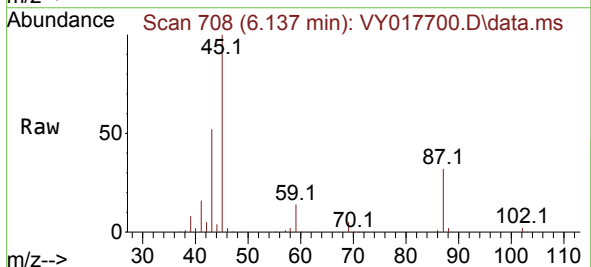
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

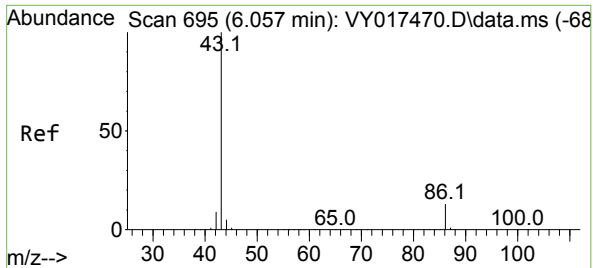
Tgt Ion: 96 Resp: 78191
Ion Ratio Lower Upper
96 100
61 114.7 97.5 146.3
98 60.7 50.5 75.7



#22
Diisopropyl ether
Concen: 51.959 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.012 min
Lab File: VY017700.D
Acq: 18 Mar 2024 19:45

Tgt Ion: 45 Resp: 185997
Ion Ratio Lower Upper
45 100
43 52.0 42.2 63.2
87 32.4 25.0 37.6
59 13.7 10.5 15.7

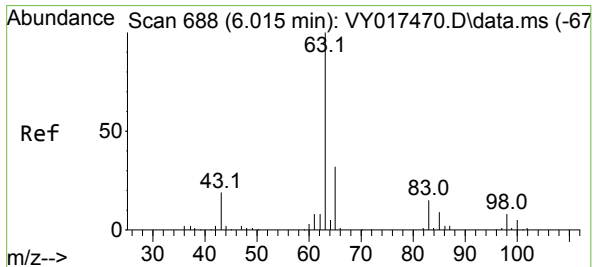
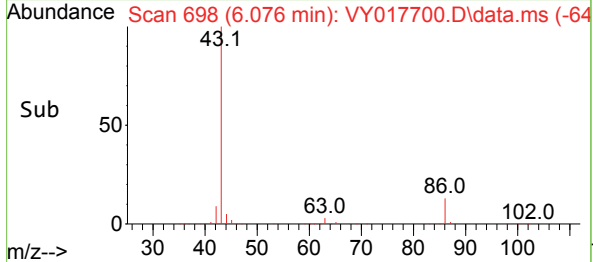
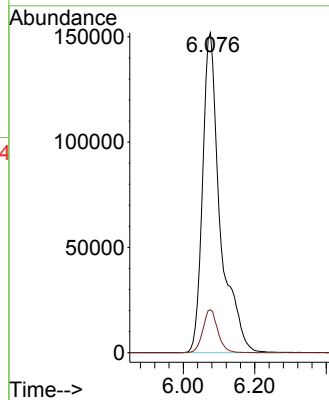
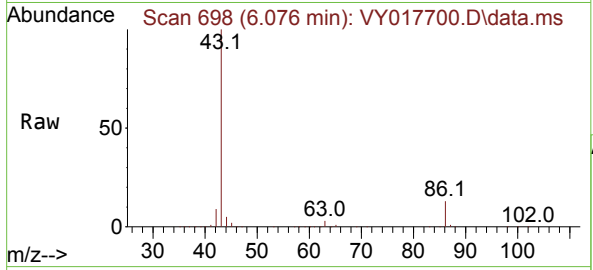




#23
 Vinyl Acetate
 Concen: 243.097 ug/l
 RT: 6.076 min Scan# 691
 Delta R.T. 0.018 min
 Lab File: VY017700.D
 Acq: 18 Mar 2024 19:45

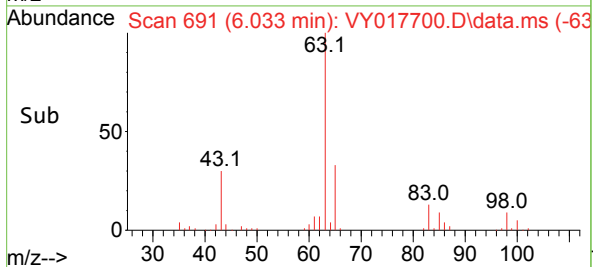
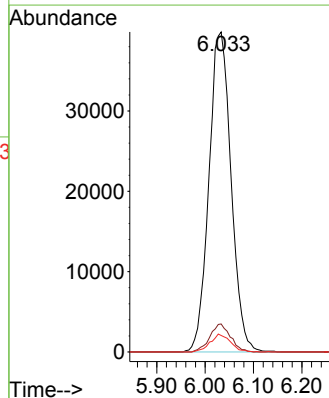
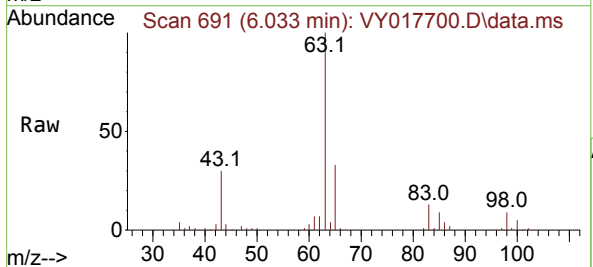
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 518552
 Ion Ratio Lower Upper
 43 100
 86 13.4 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 51.867 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.018 min
 Lab File: VY017700.D
 Acq: 18 Mar 2024 19:45

Tgt Ion: 63 Resp: 126846
 Ion Ratio Lower Upper
 63 100
 98 8.7 4.0 12.2
 100 5.2 2.6 8.0





#25

2-Butanone

Concen: 205.493 ug/l

RT: 7.002 min Scan# 848

Delta R.T. 0.018 min

Lab File: VY017700.D

Acq: 18 Mar 2024 19:45

Instrument :

MSVOA_Y

ClientSampleId :

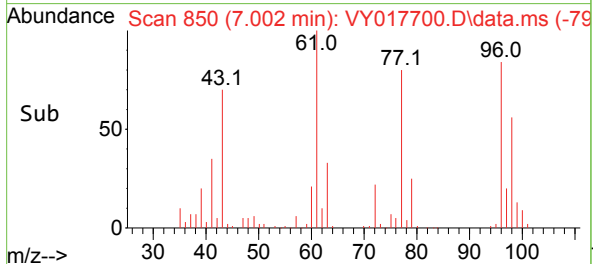
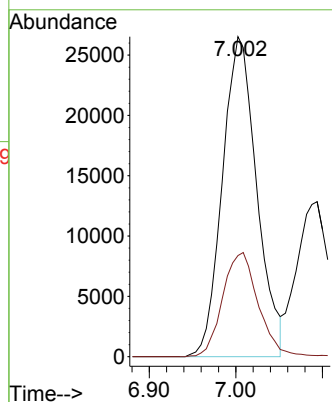
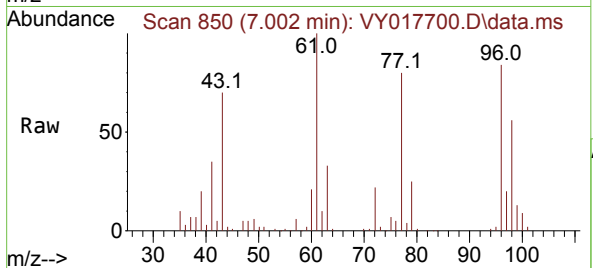
VSTDCCC050EC

Tgt Ion: 43 Resp: 73162

Ion Ratio Lower Upper

43 100

72 31.6 27.3 40.9



#26

2,2-Dichloropropane

Concen: 47.366 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.018 min

Lab File: VY017700.D

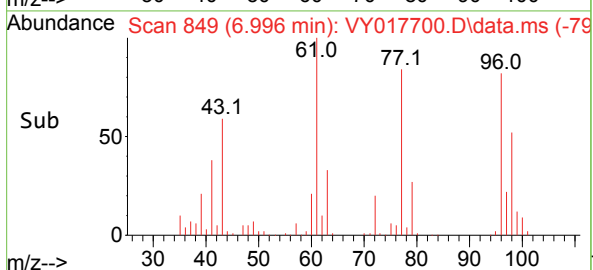
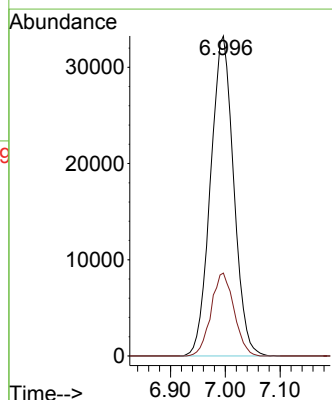
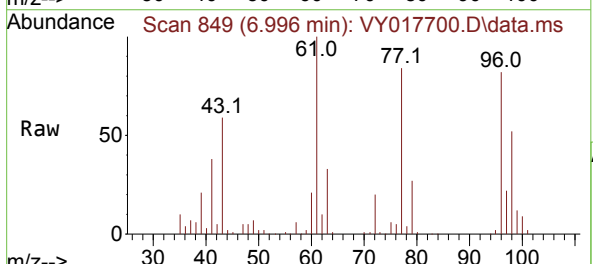
Acq: 18 Mar 2024 19:45

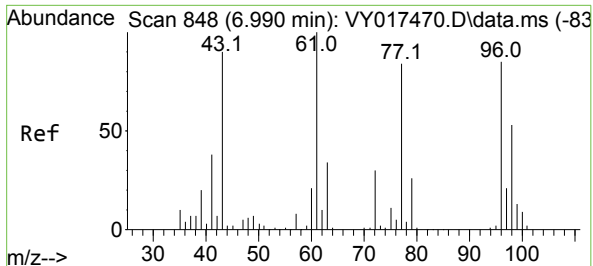
Tgt Ion: 77 Resp: 97392

Ion Ratio Lower Upper

77 100

97 25.7 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 52.385 ug/l

RT: 6.996 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY017700.D

Acq: 18 Mar 2024 19:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

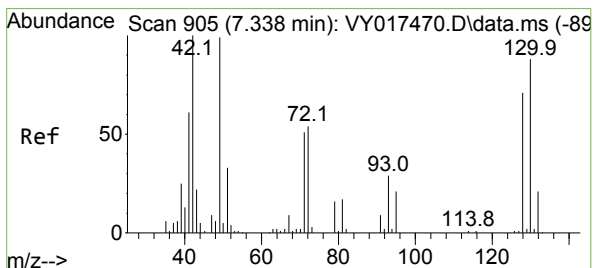
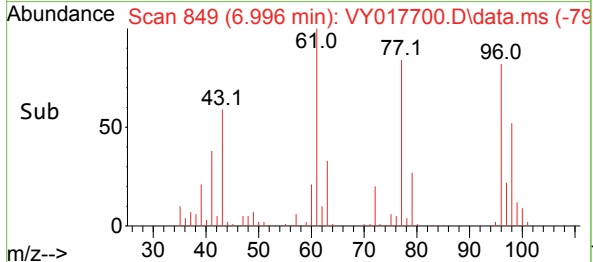
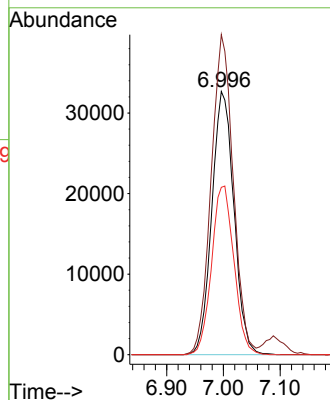
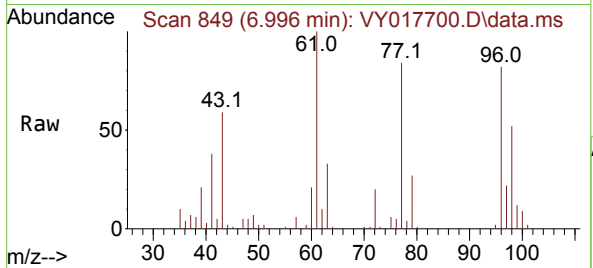
Tgt Ion: 96 Resp: 88415

Ion Ratio Lower Upper

96 100

61 121.5 0.0 256.2

98 64.8 0.0 130.0



#28

Bromochloromethane

Concen: 58.539 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.012 min

Lab File: VY017700.D

Acq: 18 Mar 2024 19:45

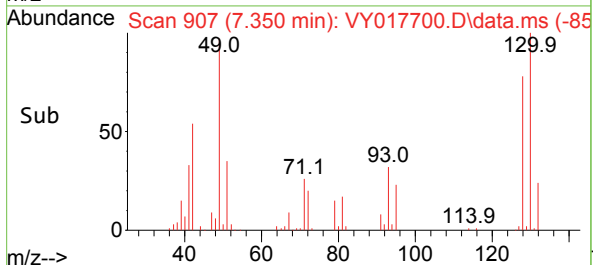
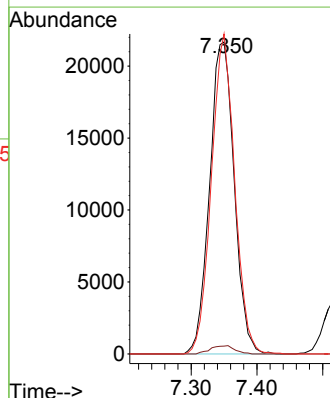
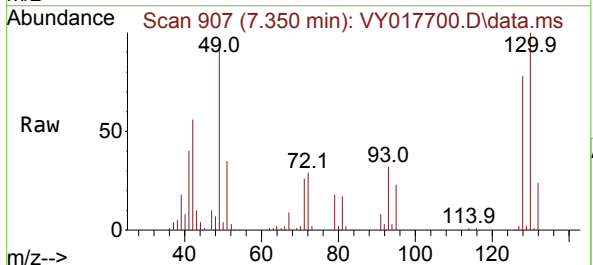
Tgt Ion: 49 Resp: 56382

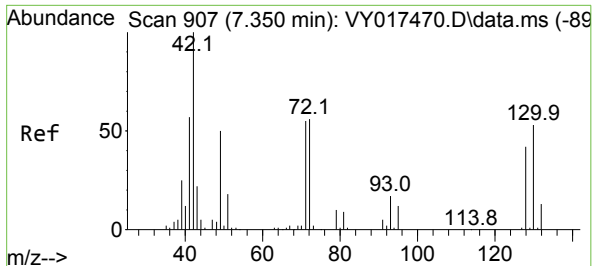
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.6

130 97.1 72.7 109.1





#29

Tetrahydrofuran

Concen: 231.728 ug/l

RT: 7.362 min Scan# 907

Delta R.T. 0.012 min

Lab File: VY017700.D

Acq: 18 Mar 2024 19:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

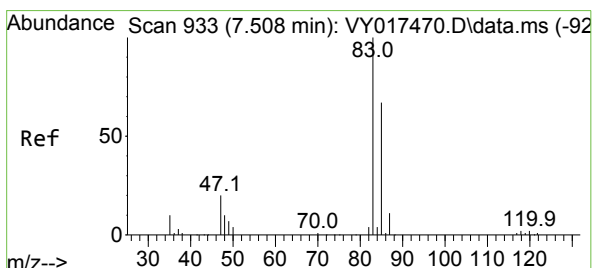
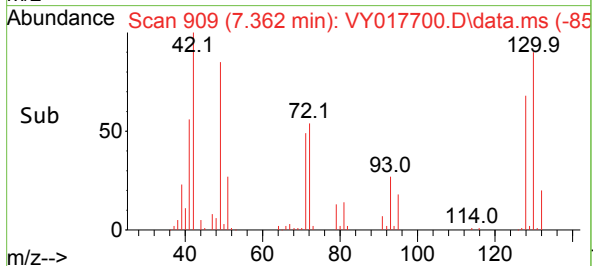
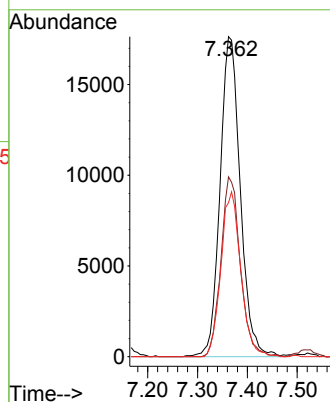
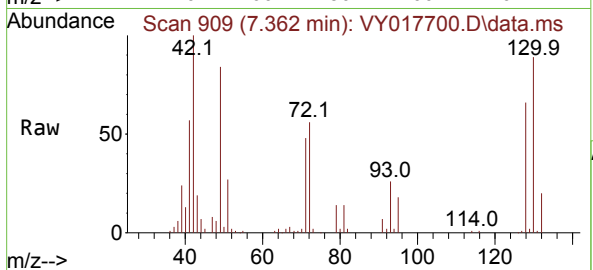
Tgt Ion: 42 Resp: 49733

Ion Ratio Lower Upper

42 100

72 54.1 43.0 64.4

71 50.5 40.8 61.2



#30

Chloroform

Concen: 51.824 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.012 min

Lab File: VY017700.D

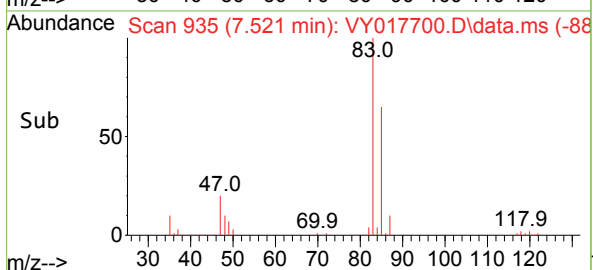
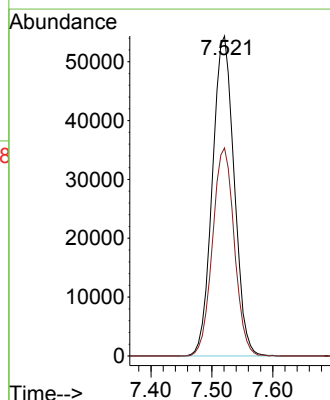
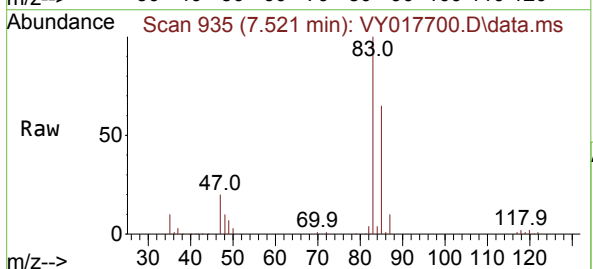
Acq: 18 Mar 2024 19:45

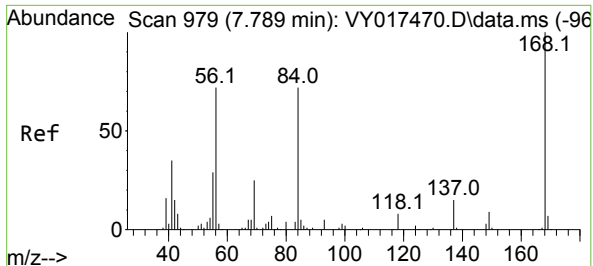
Tgt Ion: 83 Resp: 134936

Ion Ratio Lower Upper

83 100

85 65.0 52.2 78.4





#31

Cyclohexane

Concen: 49.004 ug/l

RT: 7.795 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY017700.D

Acq: 18 Mar 2024 19:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

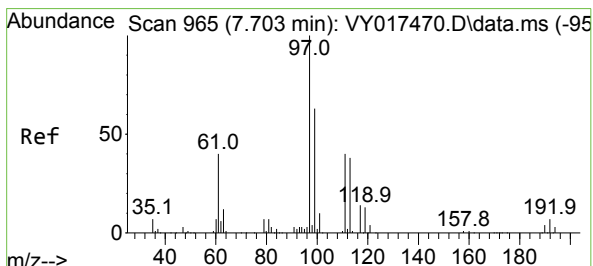
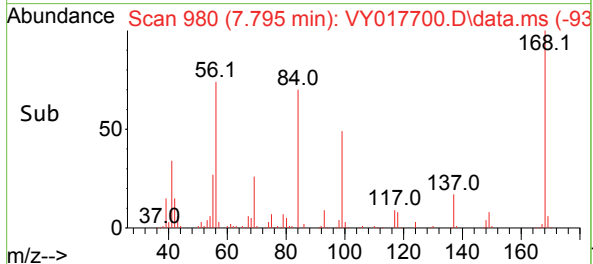
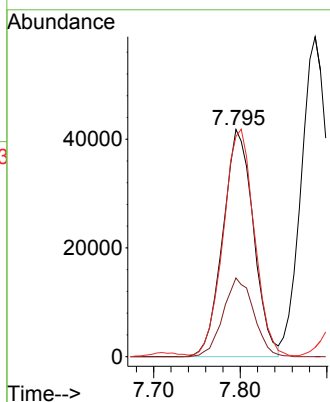
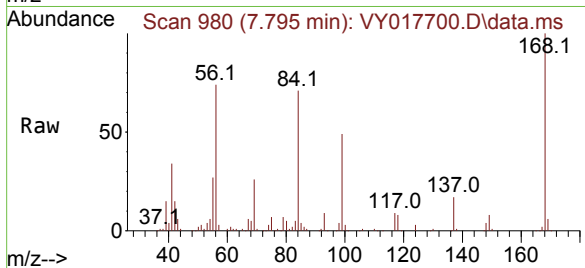
Tgt Ion: 56 Resp: 102719

Ion Ratio Lower Upper

56 100

69 34.7 28.7 43.1

84 95.9 77.7 116.5



#32

1,1,1-Trichloroethane

Concen: 50.646 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.012 min

Lab File: VY017700.D

Acq: 18 Mar 2024 19:45

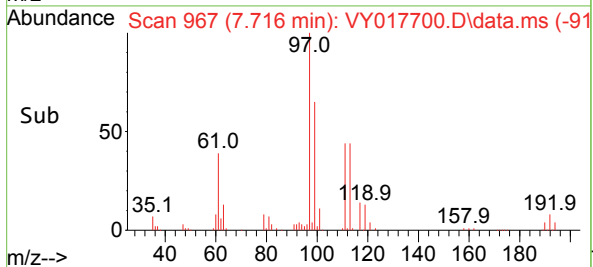
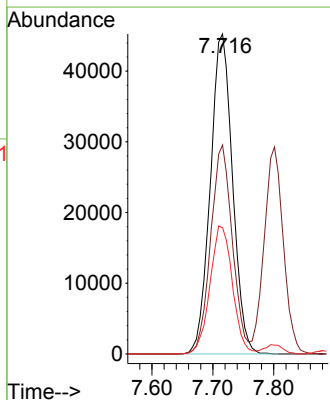
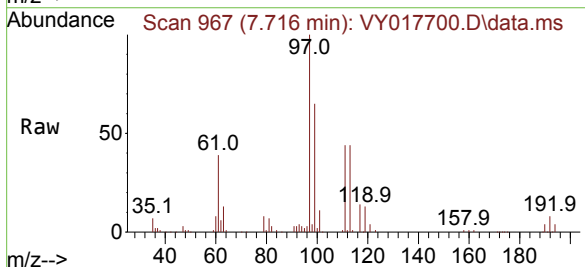
Tgt Ion: 97 Resp: 114487

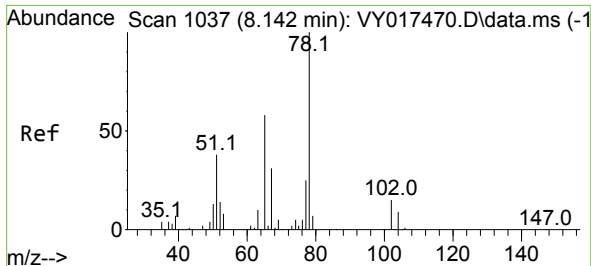
Ion Ratio Lower Upper

97 100

99 63.7 50.3 75.5

61 40.5 32.6 48.8

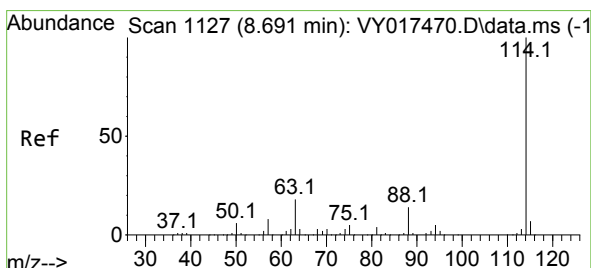
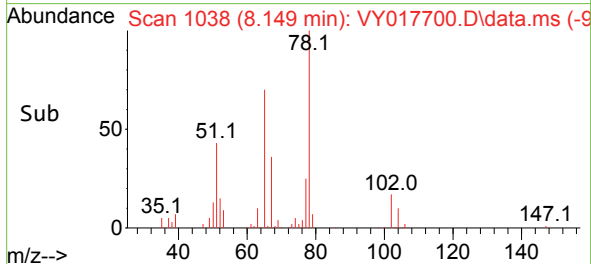
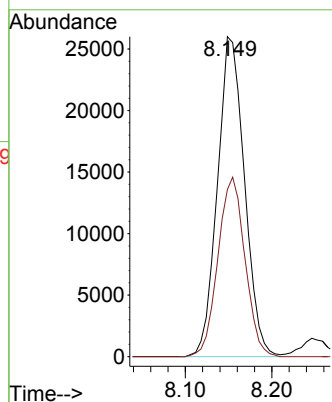
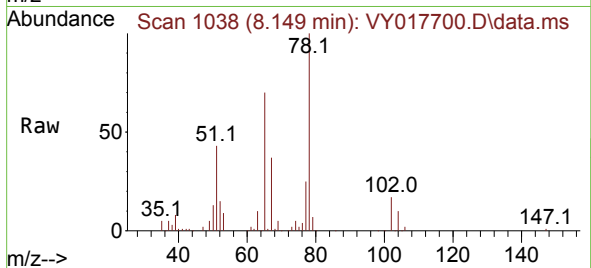




#33
 1,2-Dichloroethane-d4
 Concen: 43.844 ug/l
 RT: 8.149 min Scan# 1037
 Delta R.T. 0.006 min
 Lab File: VY017700.D
 Acq: 18 Mar 2024 19:45

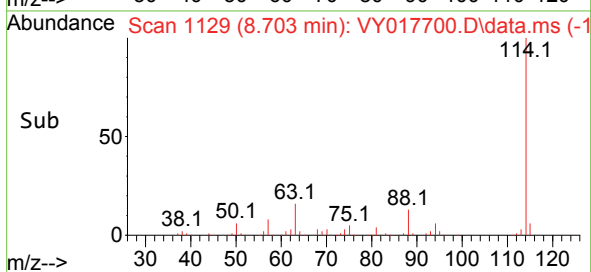
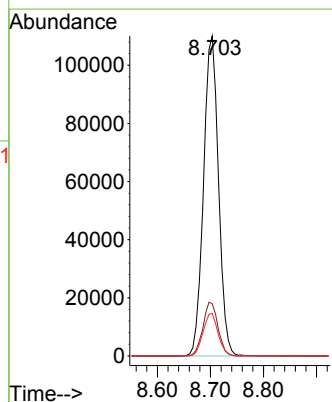
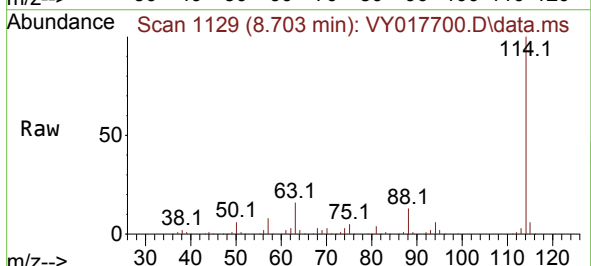
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

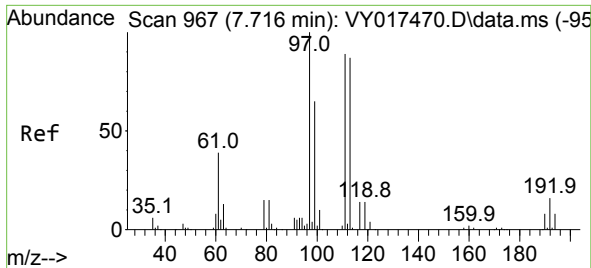
Tgt Ion: 65 Resp: 56472
 Ion Ratio Lower Upper
 65 100
 67 55.9 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. 0.012 min
 Lab File: VY017700.D
 Acq: 18 Mar 2024 19:45

Tgt Ion: 114 Resp: 215610
 Ion Ratio Lower Upper
 114 100
 63 16.4 0.0 35.0
 88 13.3 0.0 27.2

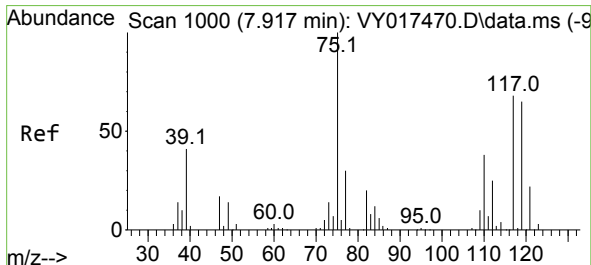
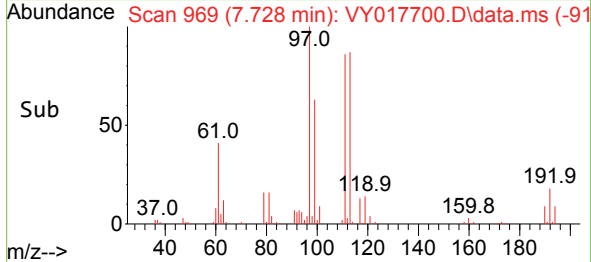
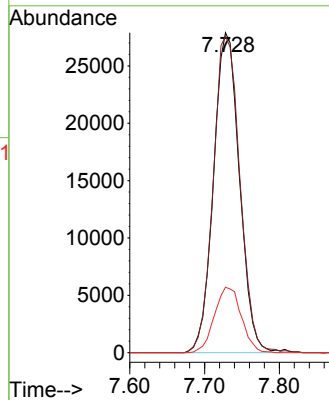
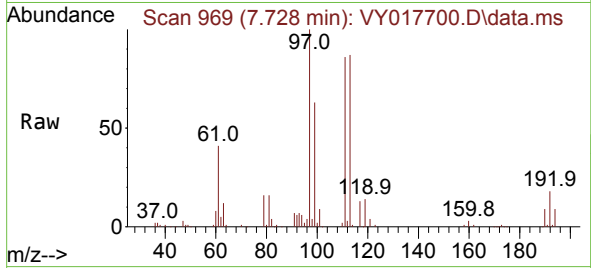




#35
Dibromofluoromethane
Concen: 44.785 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017700.D
Acq: 18 Mar 2024 19:45

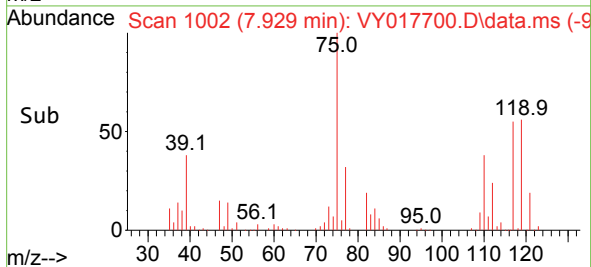
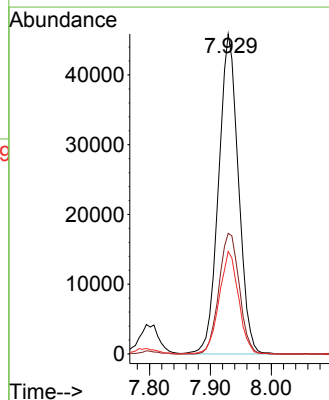
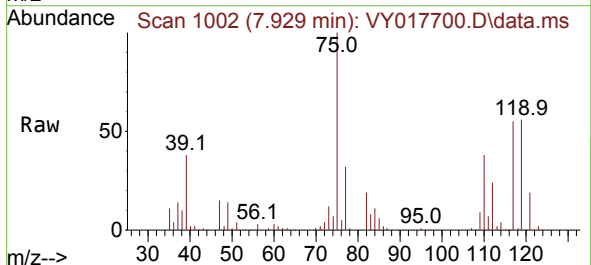
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

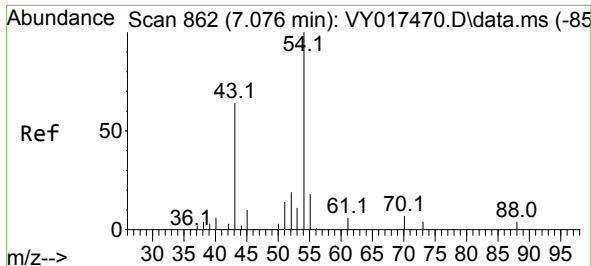
Tgt Ion:113 Resp: 67287
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 21.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 51.120 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.012 min
Lab File: VY017700.D
Acq: 18 Mar 2024 19:45

Tgt Ion: 75 Resp: 103626
Ion Ratio Lower Upper
75 100
110 38.8 19.0 57.0
77 31.5 25.3 37.9





#37

Ethyl Acetate

Concen: 44.597 ug/l

RT: 7.094 min Scan# 865

Delta R.T. 0.018 min

Lab File: VY017700.D

Acq: 18 Mar 2024 19:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

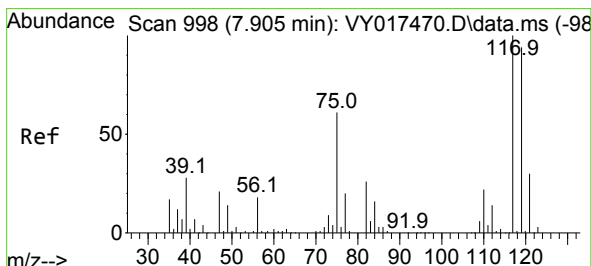
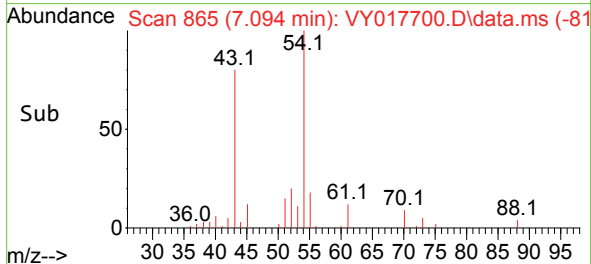
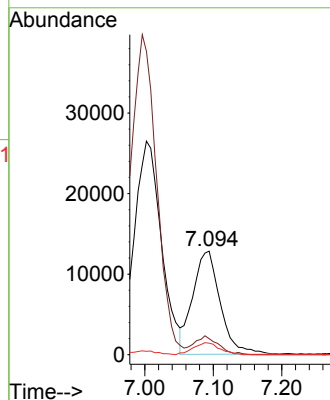
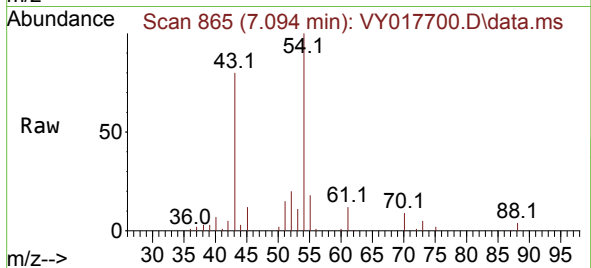
Tgt Ion: 43 Resp: 35706

Ion Ratio Lower Upper

43 100

61 16.1 12.6 19.0

70 11.0 7.8 11.8



#38

Carbon Tetrachloride

Concen: 50.938 ug/l

RT: 7.911 min Scan# 999

Delta R.T. 0.006 min

Lab File: VY017700.D

Acq: 18 Mar 2024 19:45

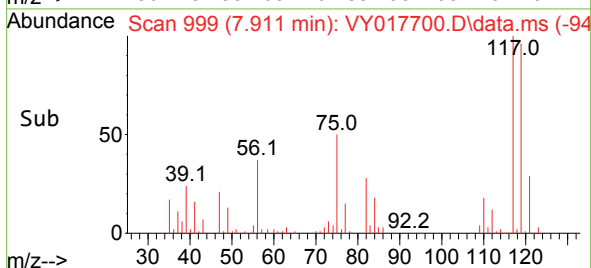
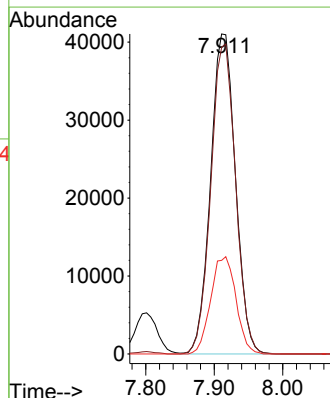
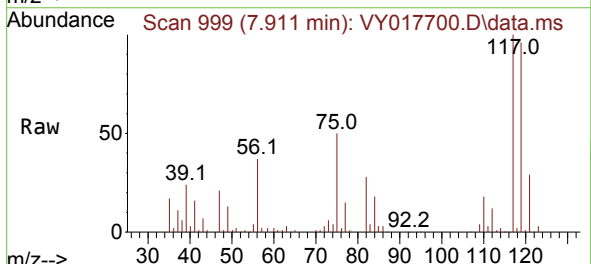
Tgt Ion: 117 Resp: 103486

Ion Ratio Lower Upper

117 100

119 95.9 75.8 113.6

121 29.2 24.0 36.0





#39

Methylcyclohexane

Concen: 51.520 ug/l

RT: 9.191 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017700.D

Acq: 18 Mar 2024 19:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

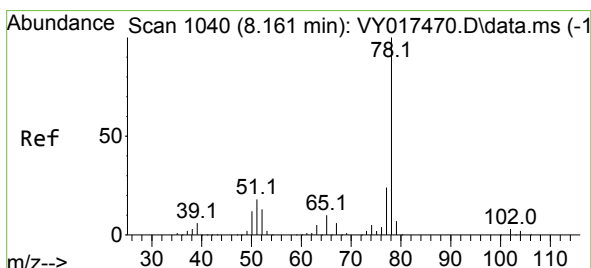
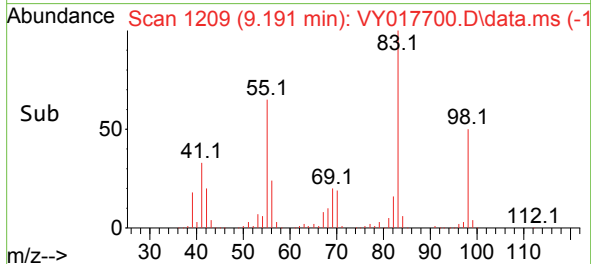
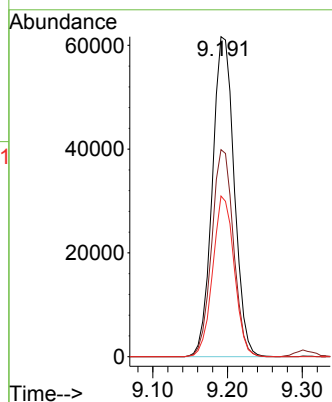
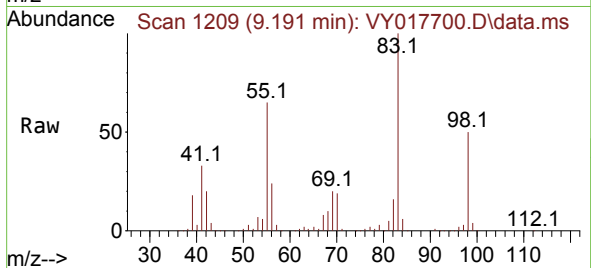
Tgt Ion: 83 Resp: 125512

Ion Ratio Lower Upper

83 100

55 64.7 51.5 77.3

98 50.2 40.5 60.7



#40

Benzene

Concen: 51.383 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.012 min

Lab File: VY017700.D

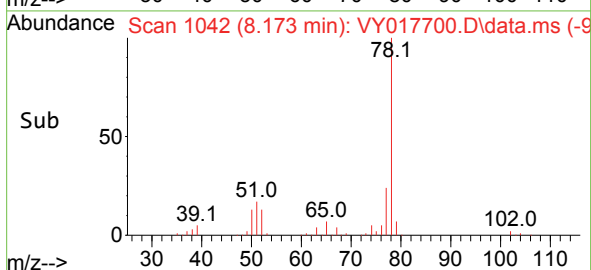
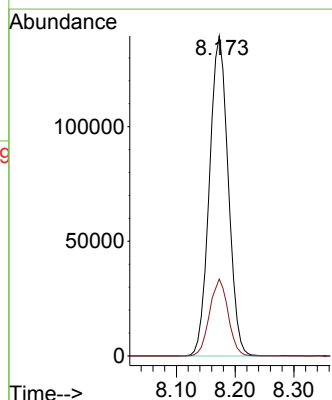
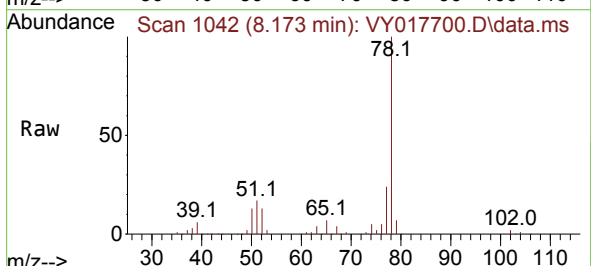
Acq: 18 Mar 2024 19:45

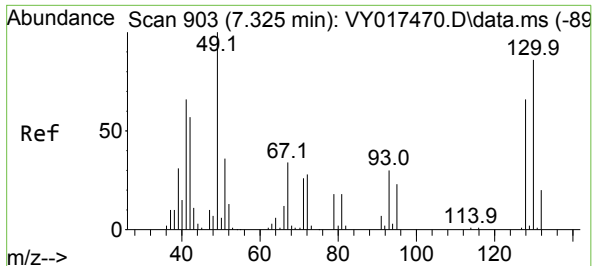
Tgt Ion: 78 Resp: 309328

Ion Ratio Lower Upper

78 100

77 24.1 19.5 29.3

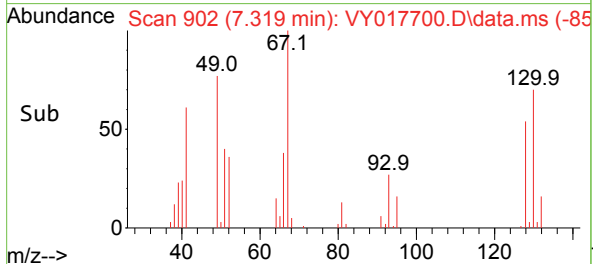
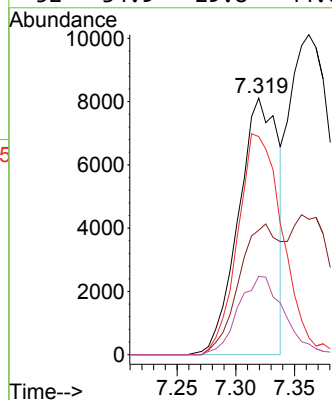
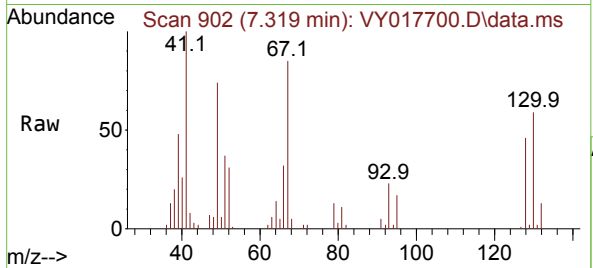




#41
Methacrylonitrile
Concen: 47.607 ug/l
RT: 7.319 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY017700.D
Acq: 18 Mar 2024 19:45

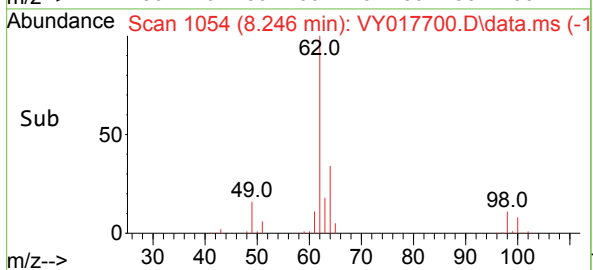
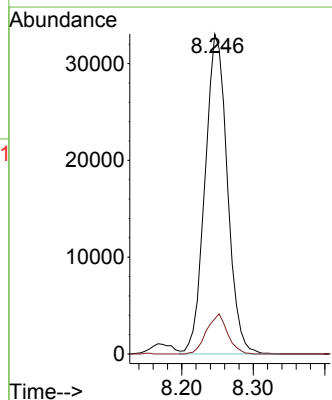
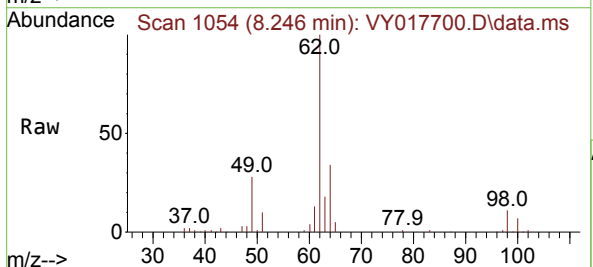
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

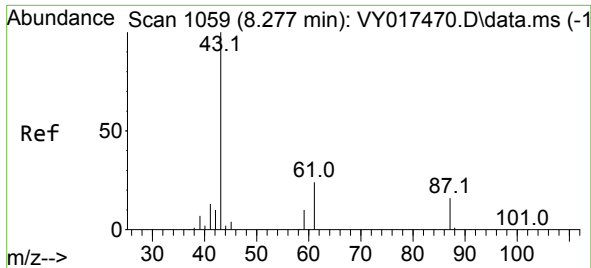
Tgt Ion: 41 Resp: 19127
Ion Ratio Lower Upper
41 100
39 51.4 48.0 72.0
67 97.7 75.1 112.7
52 34.9 29.8 44.6



#42
1,2-Dichloroethane
Concen: 48.858 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VY017700.D
Acq: 18 Mar 2024 19:45

Tgt Ion: 62 Resp: 71763
Ion Ratio Lower Upper
62 100
98 11.7 0.0 22.0

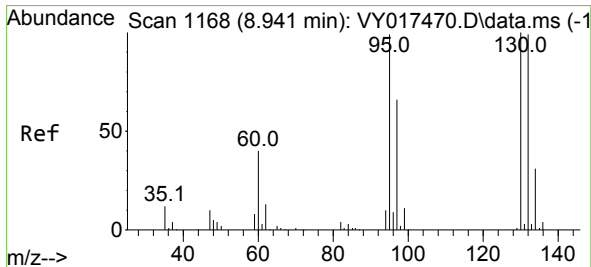
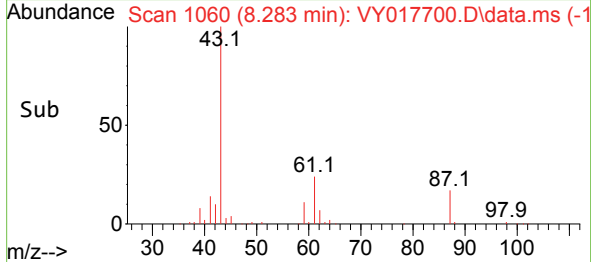
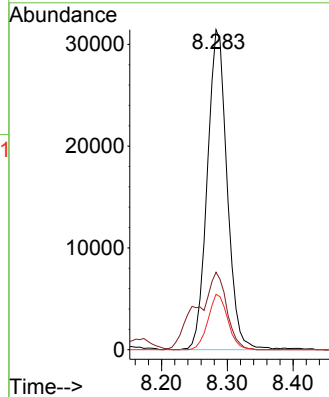
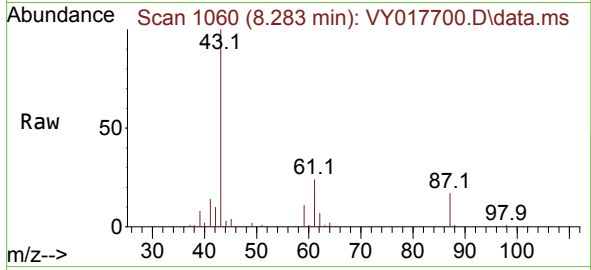




#43
Isopropyl Acetate
Concen: 46.818 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VY017700.D
Acq: 18 Mar 2024 19:45

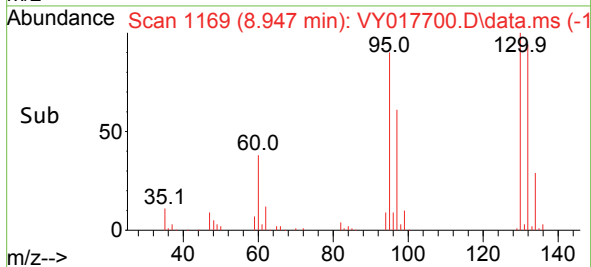
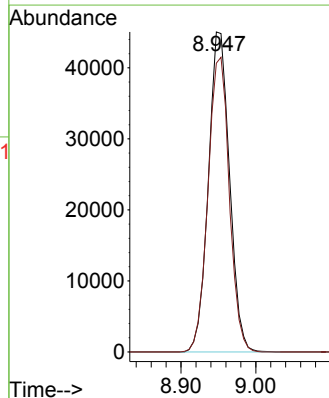
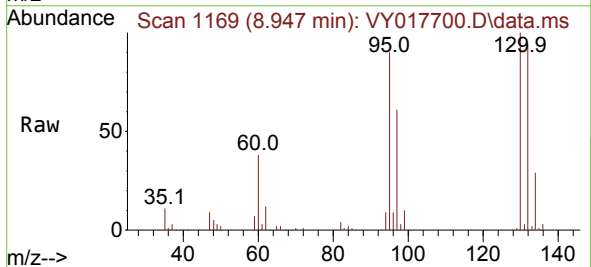
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

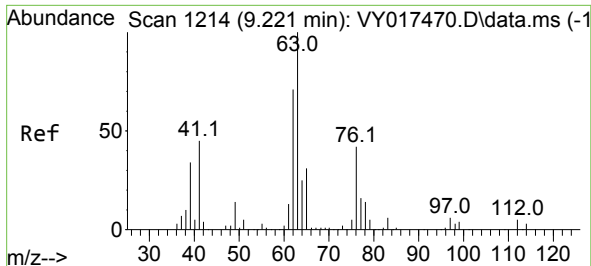
Tgt Ion: 43 Resp: 65870
Ion Ratio Lower Upper
43 100
61 35.8 27.9 41.9
87 17.2 13.1 19.7



#44
Trichloroethene
Concen: 51.040 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY017700.D
Acq: 18 Mar 2024 19:45

Tgt Ion:130 Resp: 88562
Ion Ratio Lower Upper
130 100
95 90.3 0.0 188.0

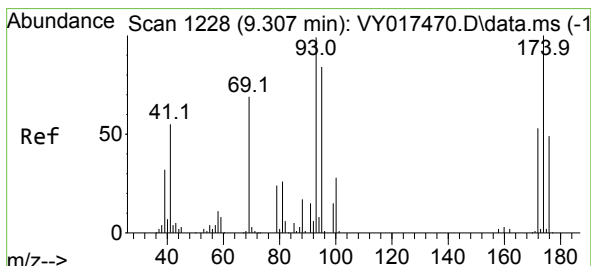
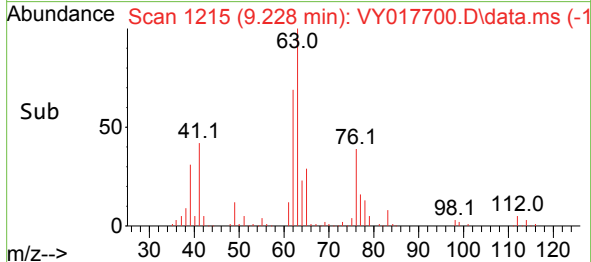
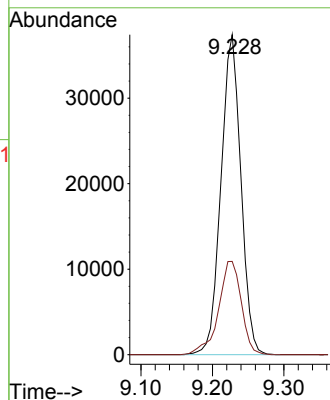
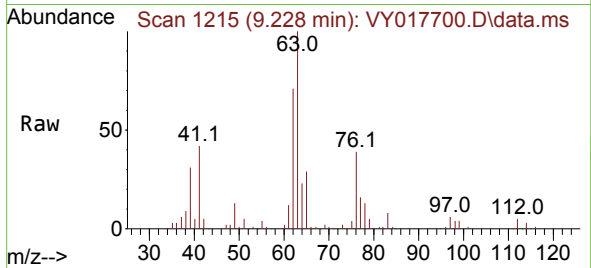




#45
1,2-Dichloropropane
Concen: 50.526 ug/l
RT: 9.228 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017700.D
Acq: 18 Mar 2024 19:45

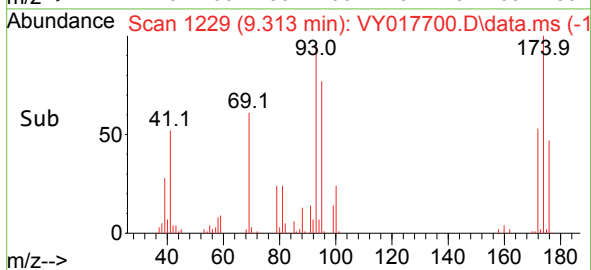
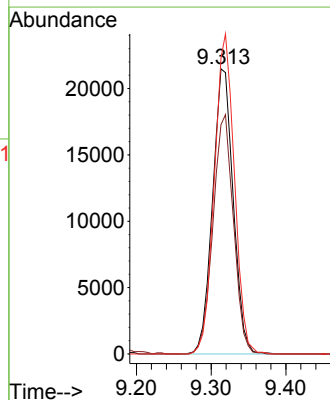
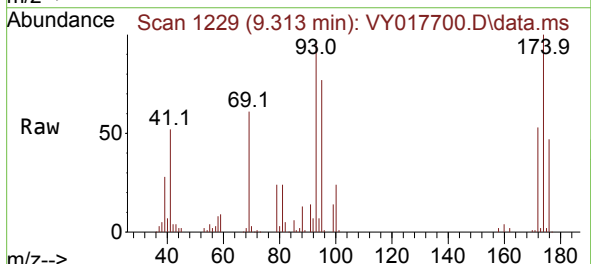
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

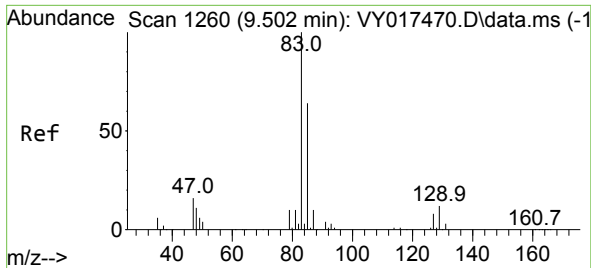
Tgt Ion: 63 Resp: 72365
Ion Ratio Lower Upper
63 100
65 29.1 25.4 38.2



#46
Dibromomethane
Concen: 50.173 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY017700.D
Acq: 18 Mar 2024 19:45

Tgt Ion: 93 Resp: 41126
Ion Ratio Lower Upper
93 100
95 83.3 66.2 99.4
174 109.1 80.9 121.3

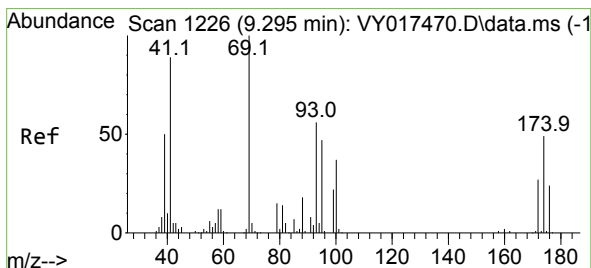
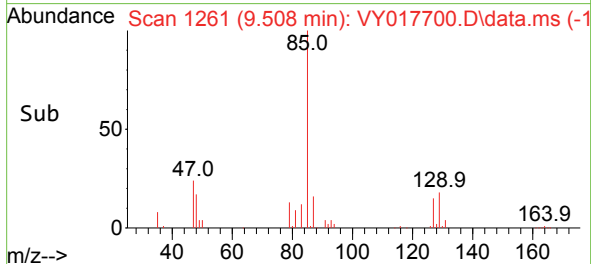
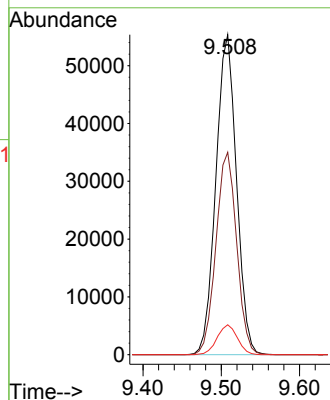
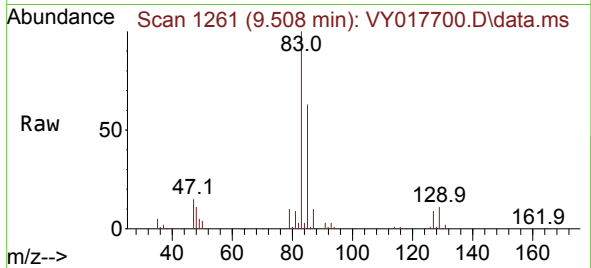




#47
Bromodichloromethane
Concen: 50.874 ug/l
RT: 9.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017700.D
Acq: 18 Mar 2024 19:45

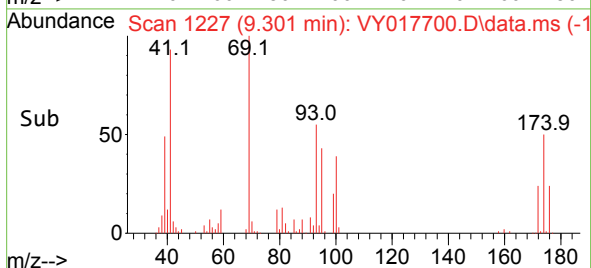
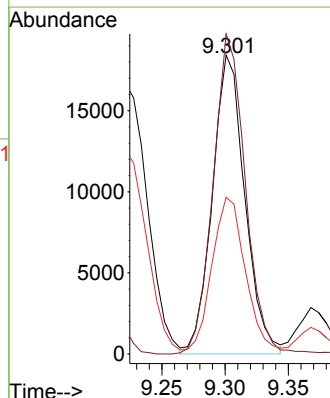
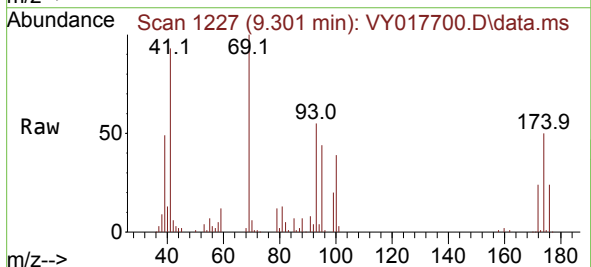
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

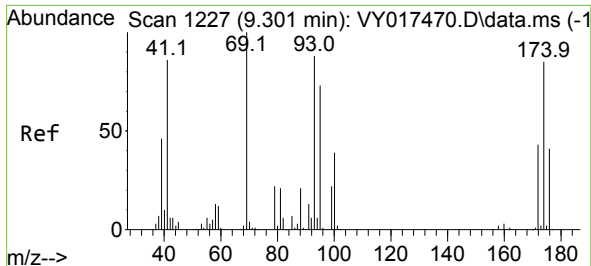
Tgt Ion: 83 Resp: 101251
Ion Ratio Lower Upper
83 100
85 63.3 50.1 75.1
127 9.3 7.4 11.0



#48
Methyl methacrylate
Concen: 50.569 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY017700.D
Acq: 18 Mar 2024 19:45

Tgt Ion: 41 Resp: 32932
Ion Ratio Lower Upper
41 100
69 106.4 84.1 126.1
39 51.9 43.6 65.4





#49

1,4-Dioxane

Concen: 935.381 ug/l

RT: 9.325 min Scan# 1227

Delta R.T. 0.024 min

Lab File: VY017700.D

Acq: 18 Mar 2024 19:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

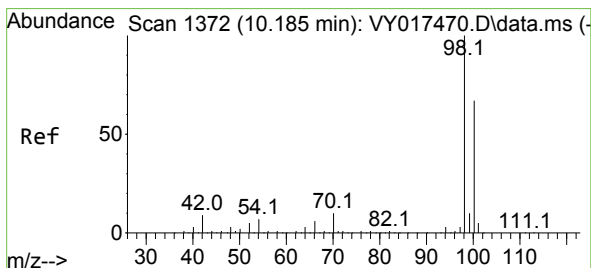
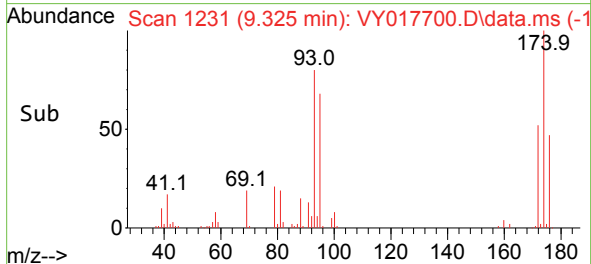
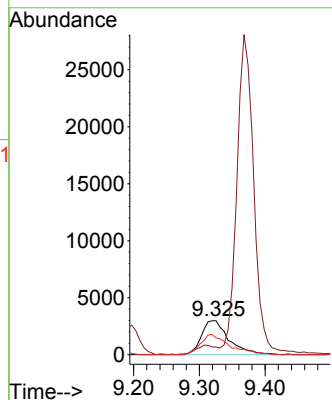
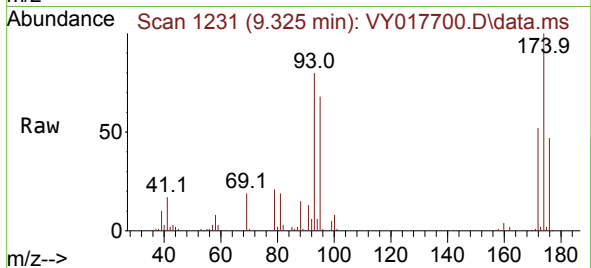
Tgt Ion: 88 Resp: 8677

Ion Ratio Lower Upper

88 100

43 22.1 0.0 0.0#

58 62.5 49.3 73.9



#50

Toluene-d8

Concen: 47.756 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY017700.D

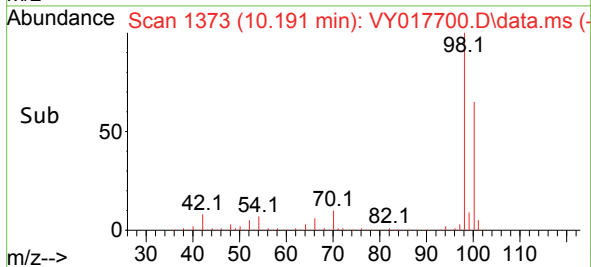
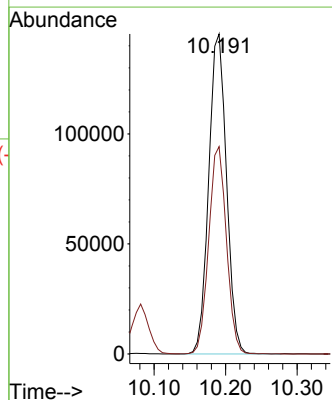
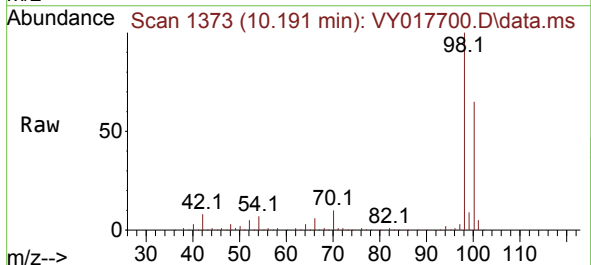
Acq: 18 Mar 2024 19:45

Tgt Ion: 98 Resp: 250865

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0

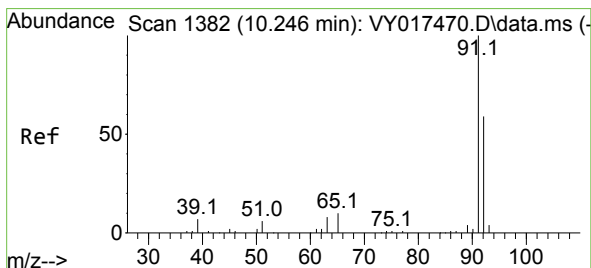
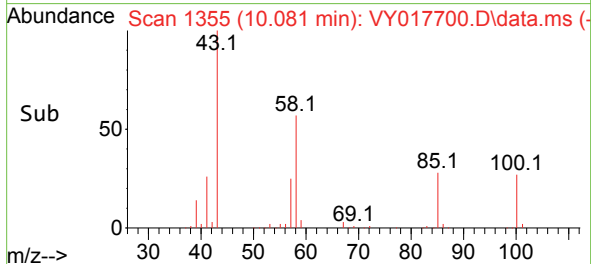
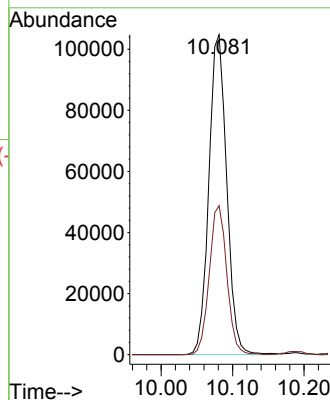
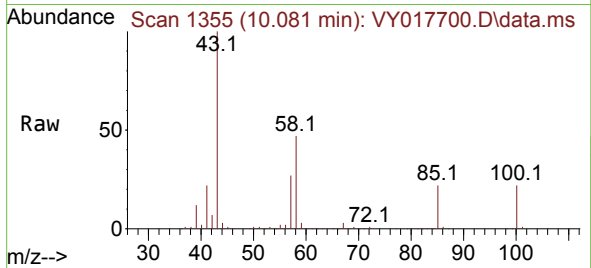




#51
4-Methyl-2-Pentanone
Concen: 231.785 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY017700.D
Acq: 18 Mar 2024 19:45

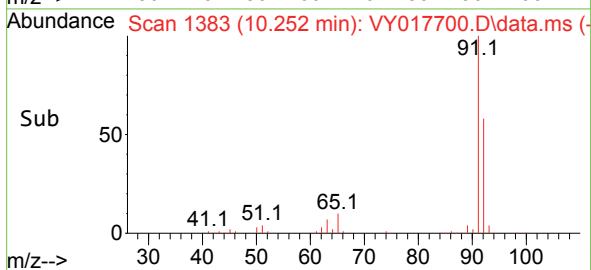
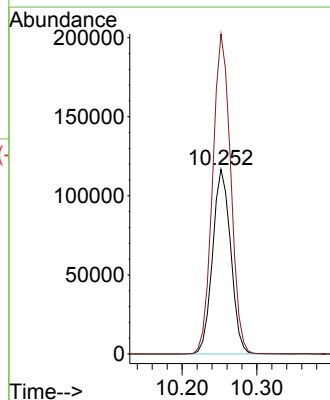
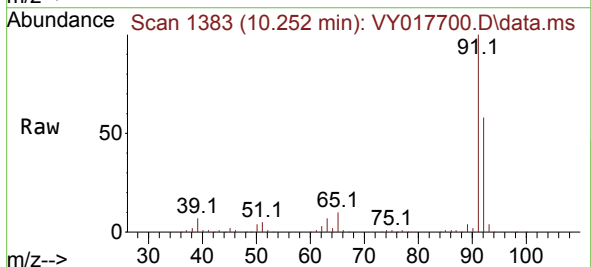
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

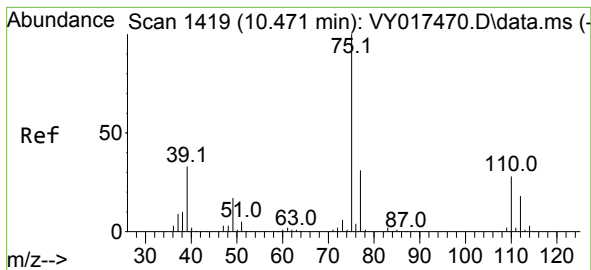
Tgt Ion: 43 Resp: 181748
Ion Ratio Lower Upper
43 100
58 45.9 35.7 53.5



#52
Toluene
Concen: 51.678 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY017700.D
Acq: 18 Mar 2024 19:45

Tgt Ion: 92 Resp: 196123
Ion Ratio Lower Upper
92 100
91 173.9 139.0 208.6

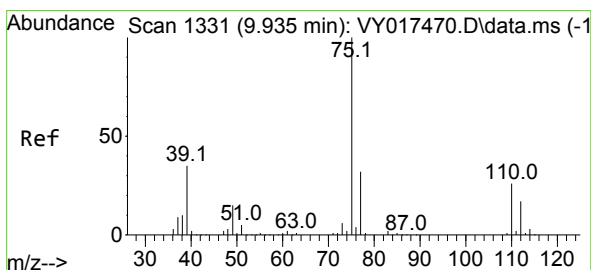
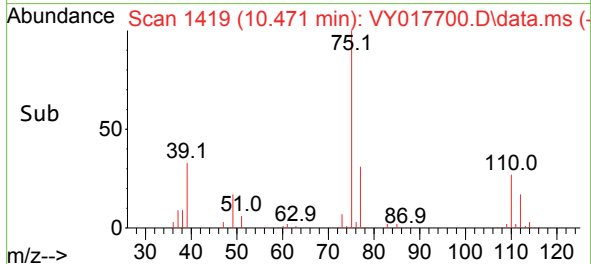
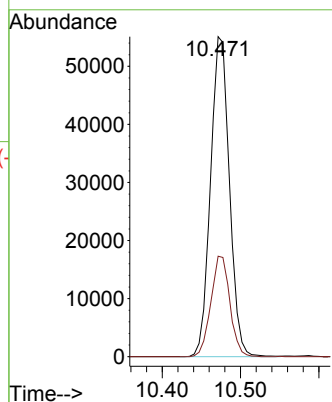
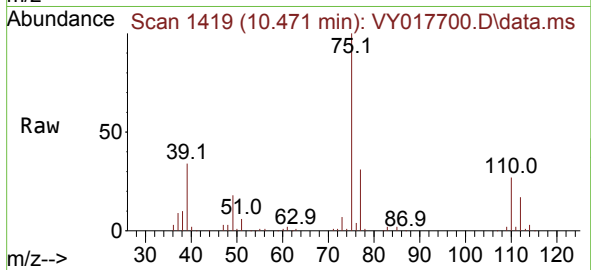




#53
 t-1,3-Dichloropropene
 Concen: 50.010 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY017700.D
 Acq: 18 Mar 2024 19:45

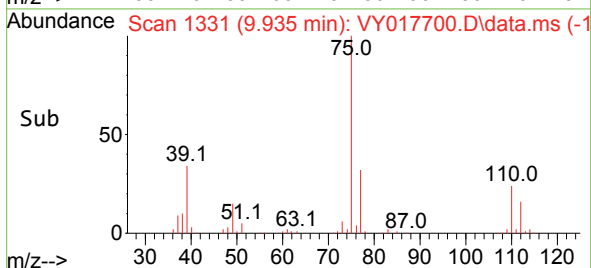
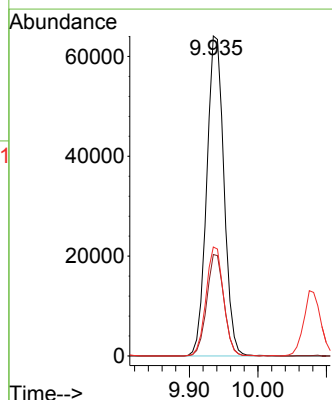
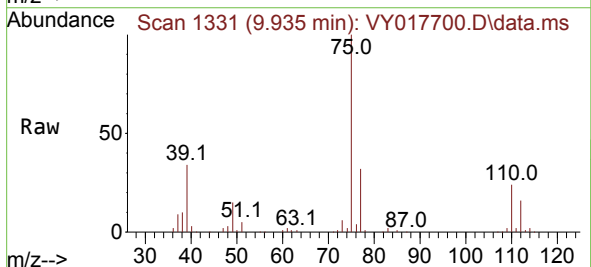
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

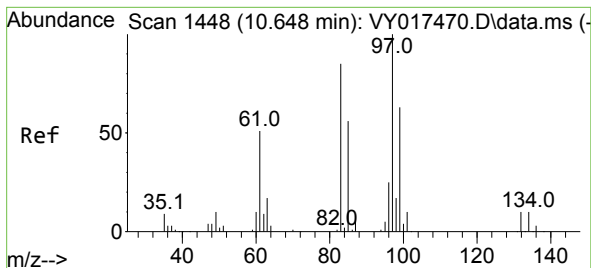
Tgt Ion: 75 Resp: 92384
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 50.068 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.000 min
 Lab File: VY017700.D
 Acq: 18 Mar 2024 19:45

Tgt Ion: 75 Resp: 112385
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0
 39 34.0 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 50.752 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. 0.006 min

Lab File: VY017700.D

Acq: 18 Mar 2024 19:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 59065

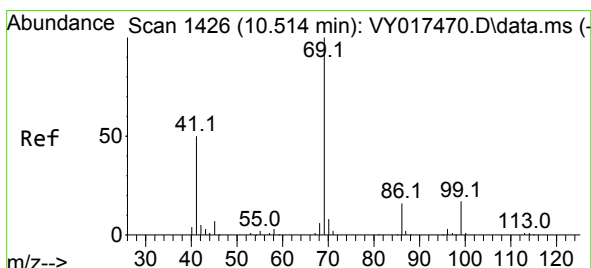
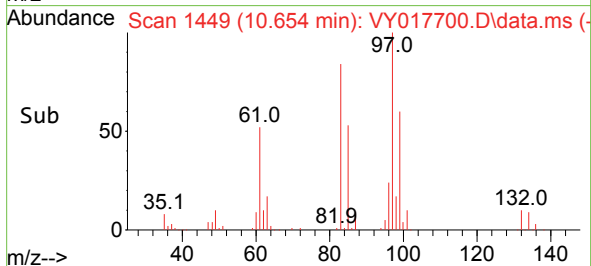
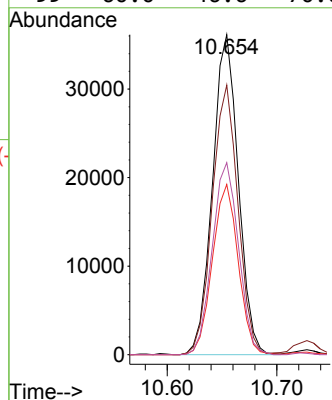
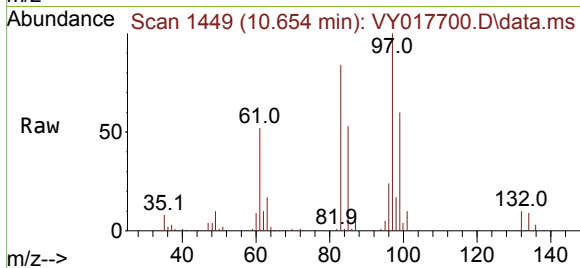
Ion Ratio Lower Upper

97 100

83 84.2 67.5 101.3

85 53.2 42.9 64.3

99 60.0 46.6 70.0



#56

Ethyl methacrylate

Concen: 46.349 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.006 min

Lab File: VY017700.D

Acq: 18 Mar 2024 19:45

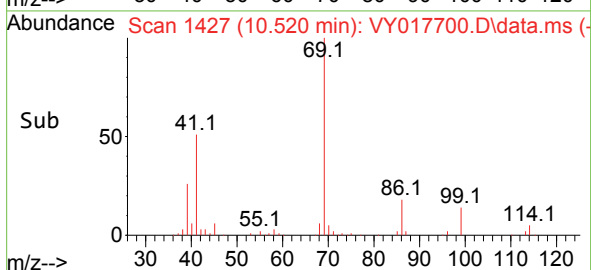
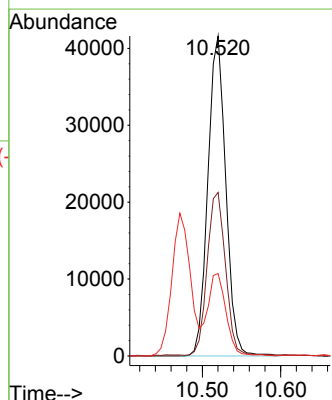
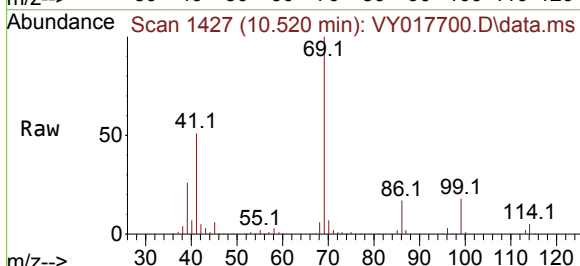
Tgt Ion: 69 Resp: 66080

Ion Ratio Lower Upper

69 100

41 52.0 42.3 63.5

39 26.8 22.9 34.3

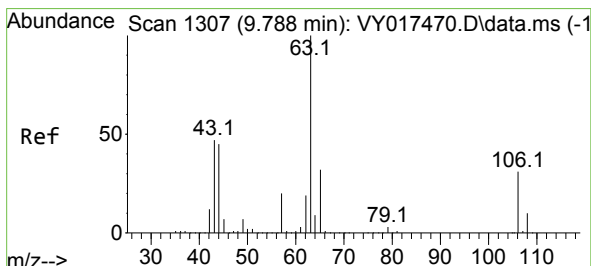
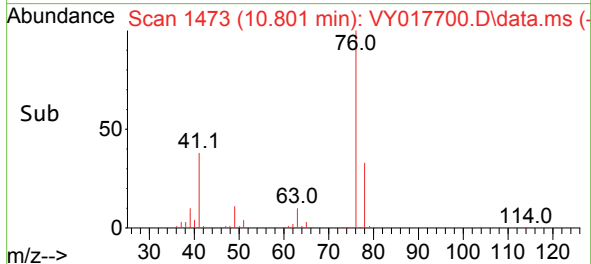
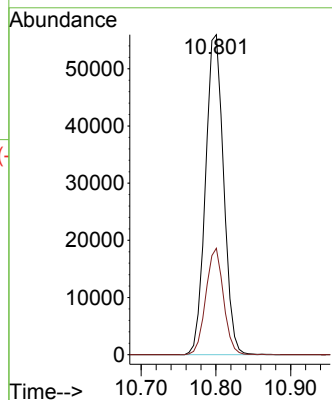
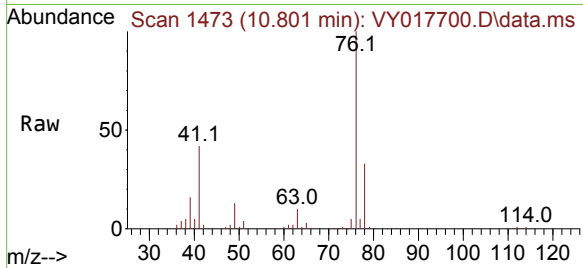




#57
1,3-Dichloropropane
Concen: 49.844 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VY017700.D
Acq: 18 Mar 2024 19:45

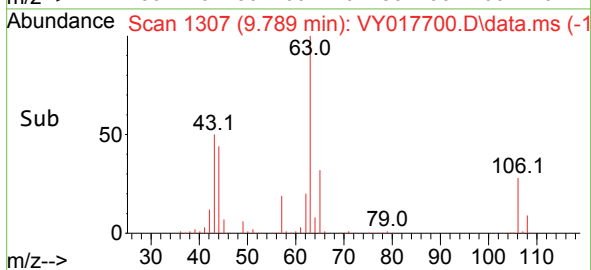
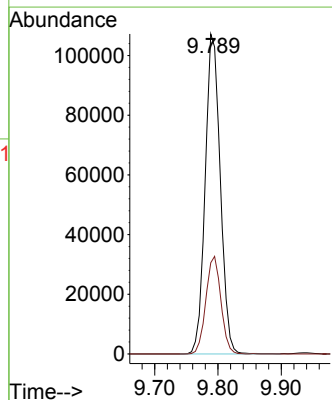
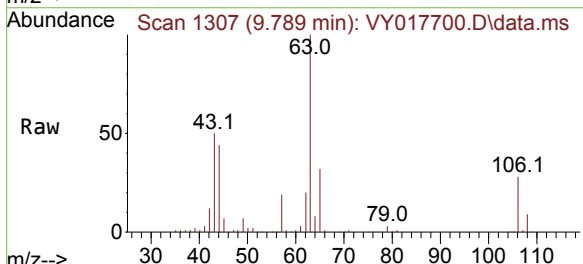
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

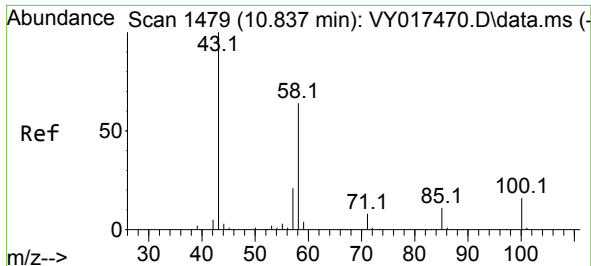
Tgt Ion: 76 Resp: 94314
Ion Ratio Lower Upper
76 100
78 32.4 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 265.066 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY017700.D
Acq: 18 Mar 2024 19:45

Tgt Ion: 63 Resp: 178009
Ion Ratio Lower Upper
63 100
106 30.3 23.7 35.5

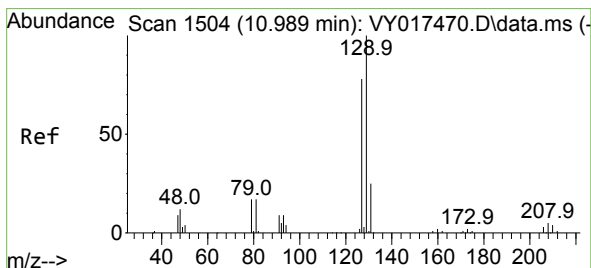
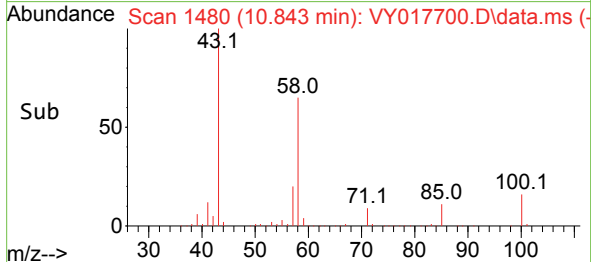
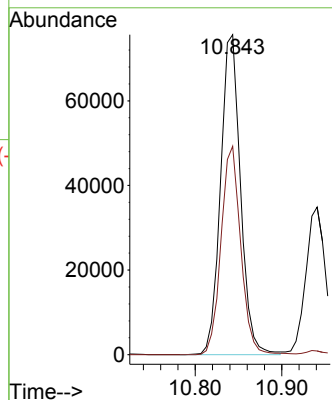
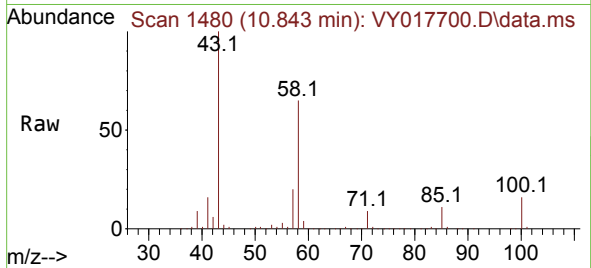




#59
2-Hexanone
Concen: 224.602 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY017700.D
Acq: 18 Mar 2024 19:45

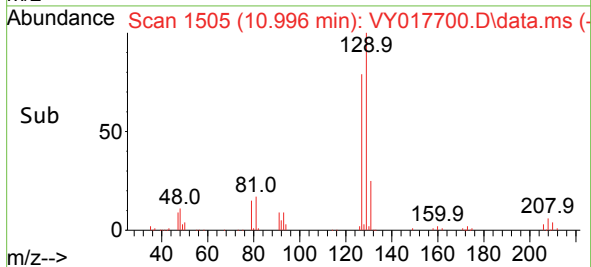
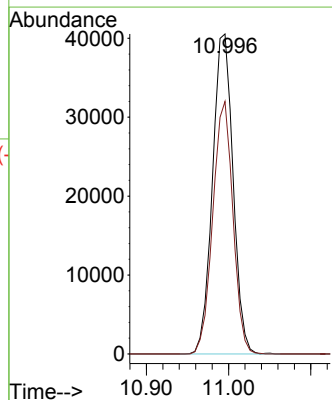
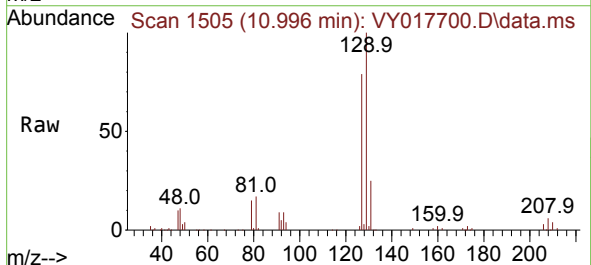
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

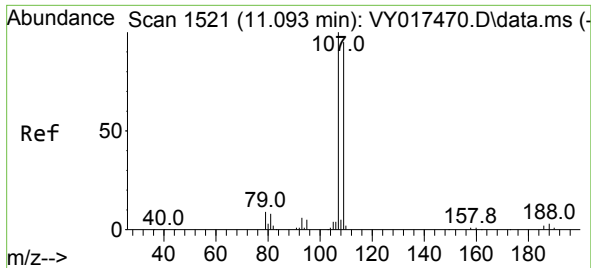
Tgt Ion: 43 Resp: 120970
Ion Ratio Lower Upper
43 100
58 64.5 31.4 94.0



#60
Dibromochloromethane
Concen: 51.137 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.006 min
Lab File: VY017700.D
Acq: 18 Mar 2024 19:45

Tgt Ion: 129 Resp: 70404
Ion Ratio Lower Upper
129 100
127 77.2 39.0 117.0

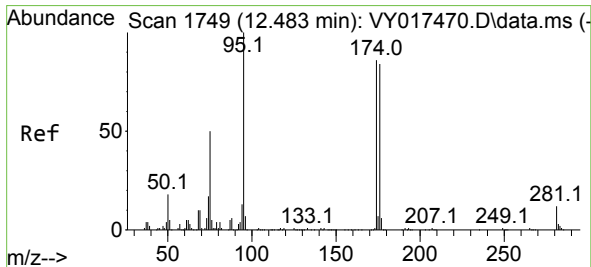
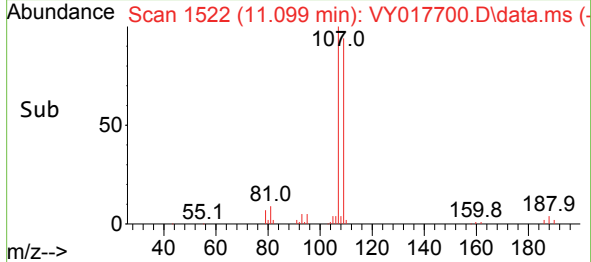
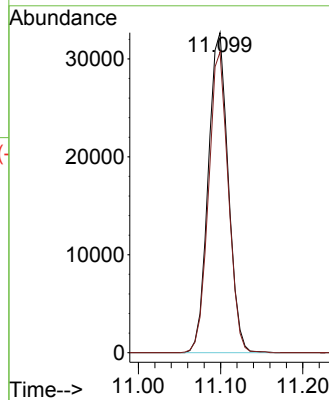
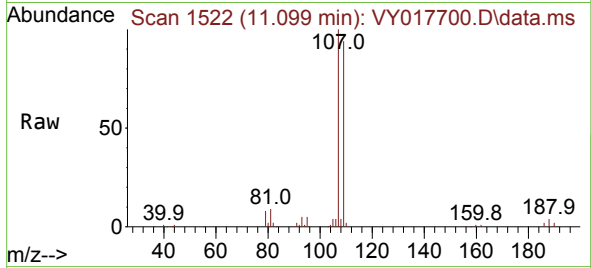




#61
1,2-Dibromoethane
Concen: 51.581 ug/l
RT: 11.099 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017700.D
Acq: 18 Mar 2024 19:45

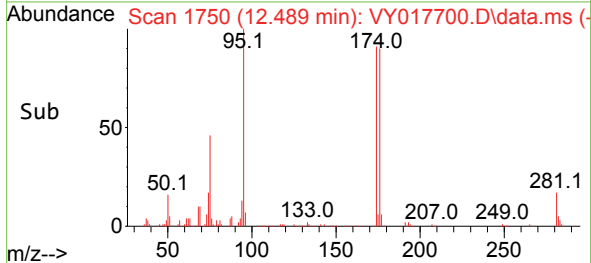
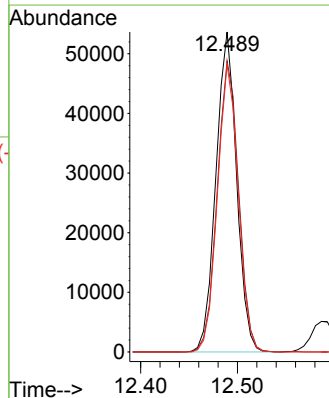
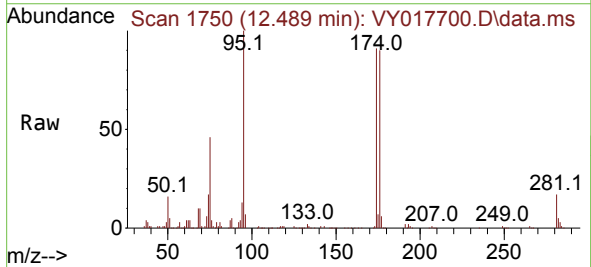
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

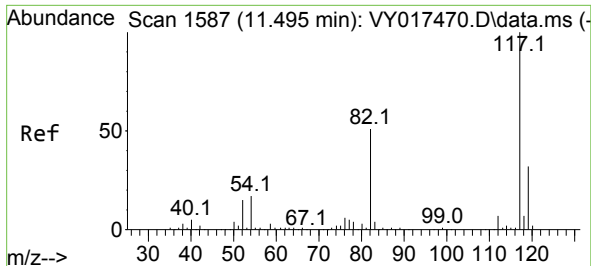
Tgt Ion:107 Resp: 55320
Ion Ratio Lower Upper
107 100
109 92.8 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 48.358 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017700.D
Acq: 18 Mar 2024 19:45

Tgt Ion: 95 Resp: 79835
Ion Ratio Lower Upper
95 100
174 93.9 0.0 175.6
176 90.0 0.0 171.4

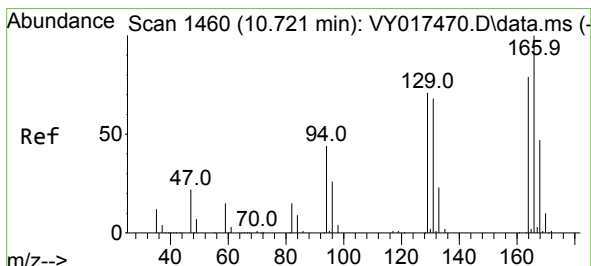
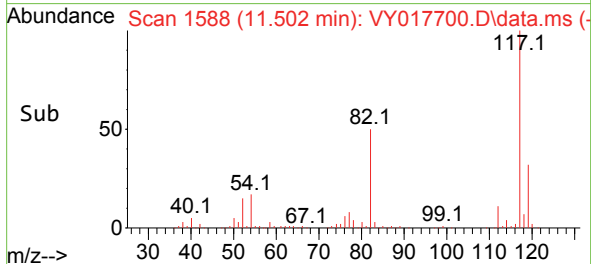
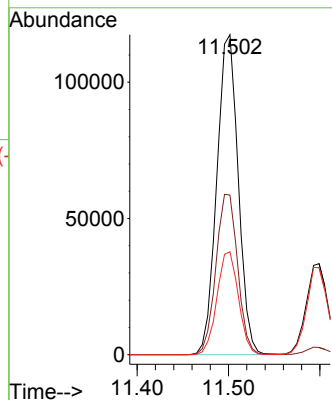
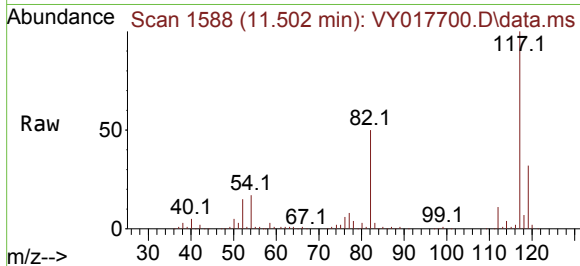




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017700.D
Acq: 18 Mar 2024 19:45

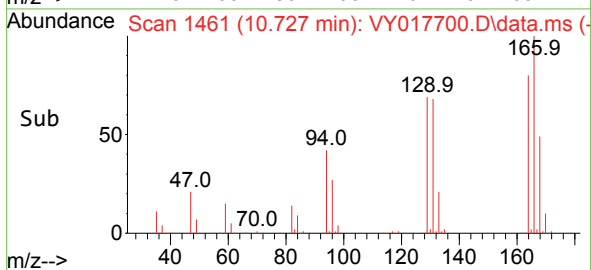
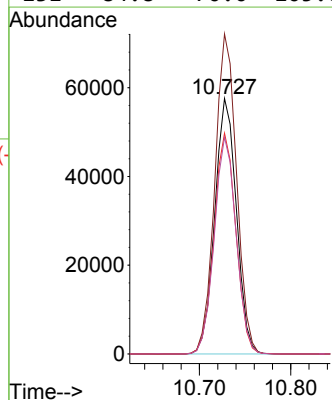
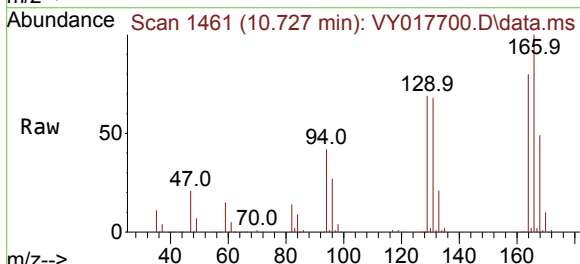
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

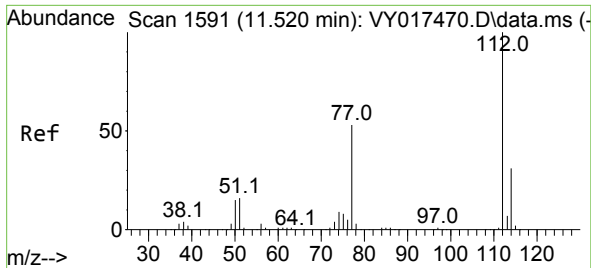
Tgt Ion:117 Resp: 191673
Ion Ratio Lower Upper
117 100
82 49.9 42.4 63.6
119 32.1 25.9 38.9



#64
Tetrachloroethene
Concen: 51.559 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VY017700.D
Acq: 18 Mar 2024 19:45

Tgt Ion:164 Resp: 94855
Ion Ratio Lower Upper
164 100
166 125.3 102.6 154.0
129 86.4 72.0 108.0
131 84.8 70.0 105.0

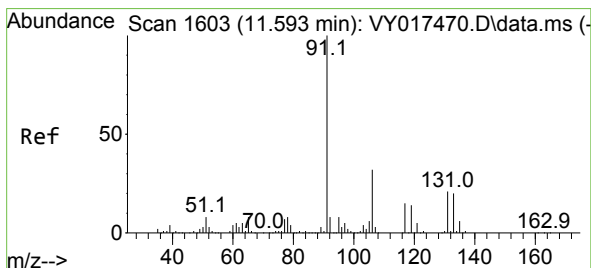
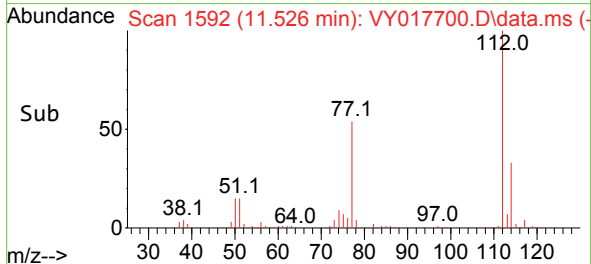
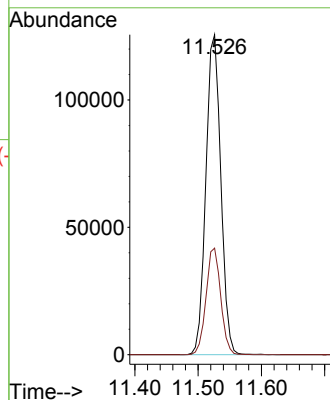
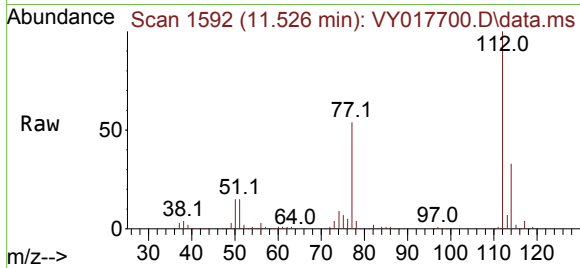




#65
Chlorobenzene
Concen: 50.737 ug/l
RT: 11.526 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017700.D
Acq: 18 Mar 2024 19:45

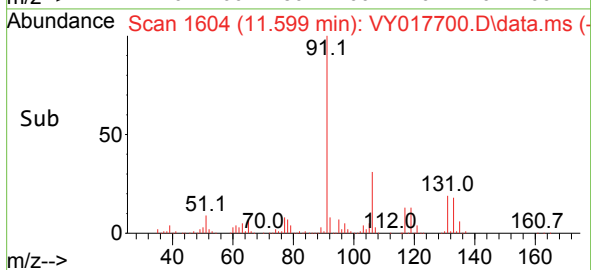
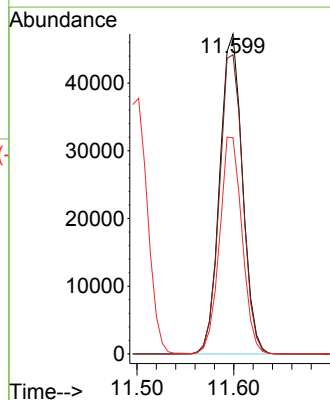
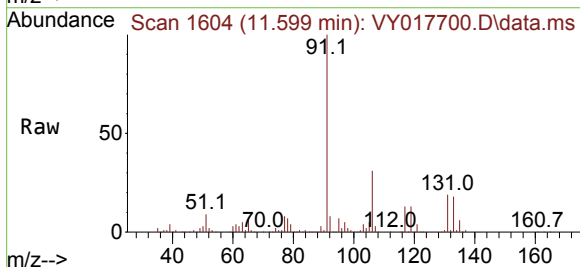
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

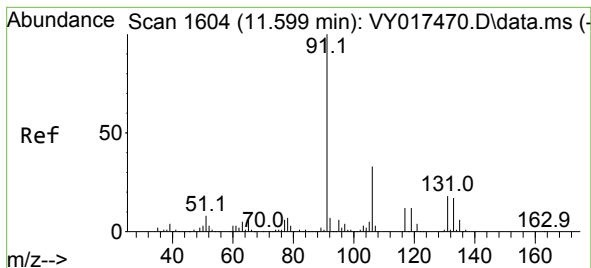
Tgt Ion:112 Resp: 206417
Ion Ratio Lower Upper
112 100
114 33.3 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.518 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY017700.D
Acq: 18 Mar 2024 19:45

Tgt Ion:131 Resp: 76997
Ion Ratio Lower Upper
131 100
133 95.8 47.8 143.3
119 67.2 34.1 102.2





#67

Ethyl Benzene

Concen: 52.080 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY017700.D

Acq: 18 Mar 2024 19:45

Instrument :

MSVOA_Y

ClientSampleId :

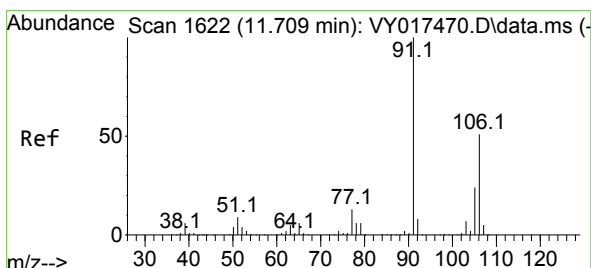
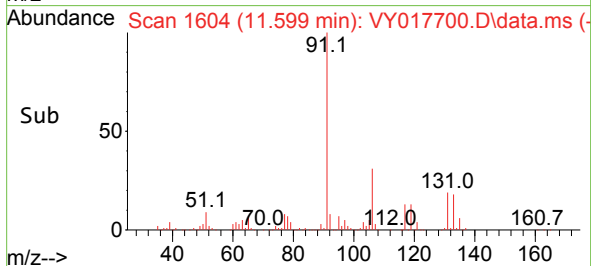
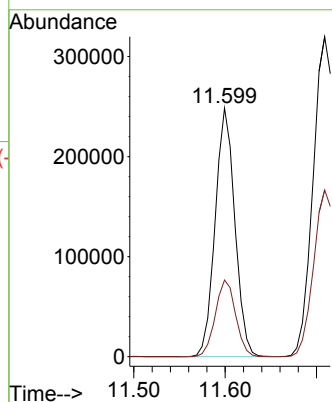
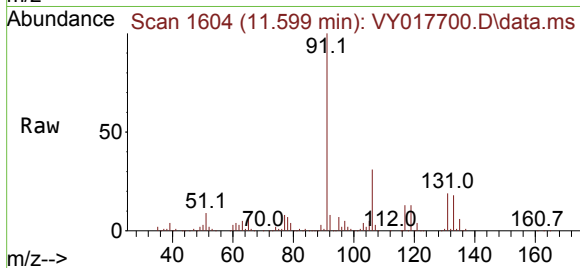
VSTDCCC050EC

Tgt Ion: 91 Resp: 371591

Ion Ratio Lower Upper

91 100

106 30.8 24.5 36.7



#68

m/p-Xylenes

Concen: 105.172 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY017700.D

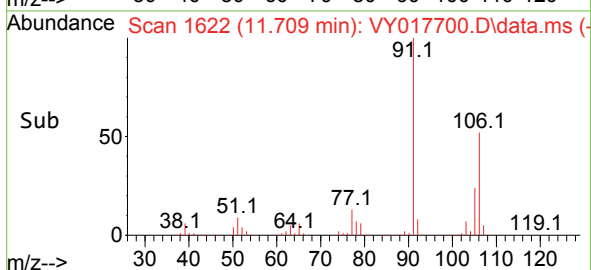
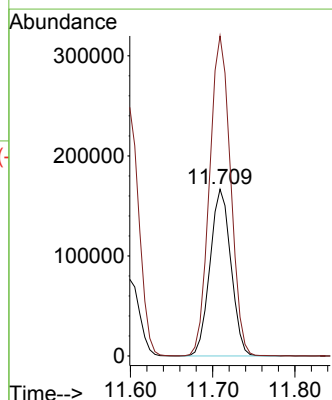
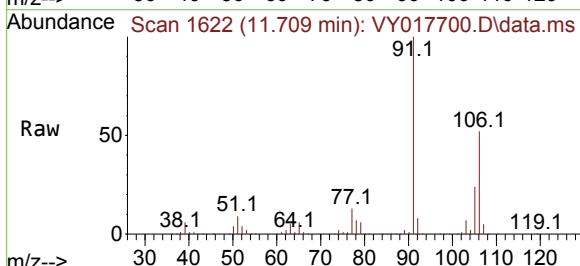
Acq: 18 Mar 2024 19:45

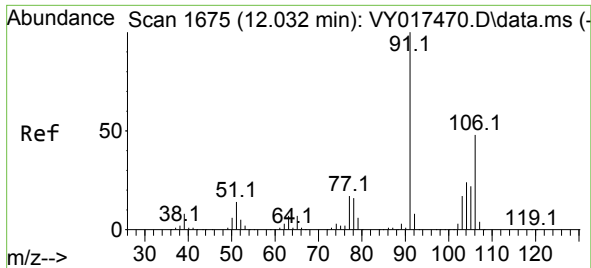
Tgt Ion:106 Resp: 294863

Ion Ratio Lower Upper

106 100

91 193.0 156.0 234.0

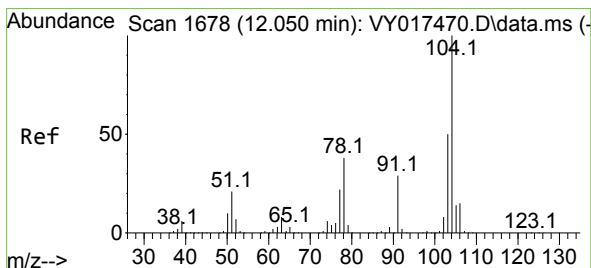
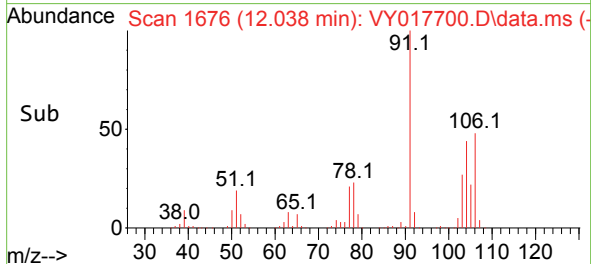
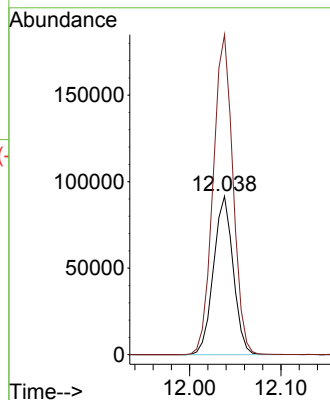
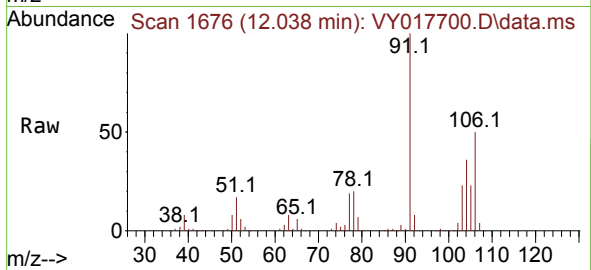




#69
o-Xylene
Concen: 52.633 ug/l
RT: 12.038 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY017700.D
Acq: 18 Mar 2024 19:45

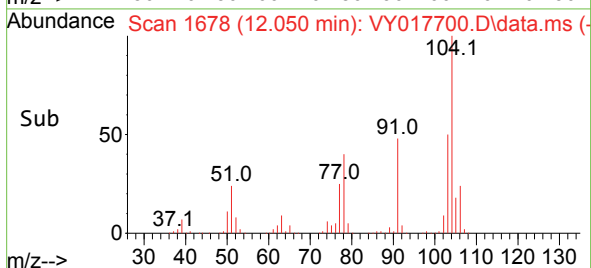
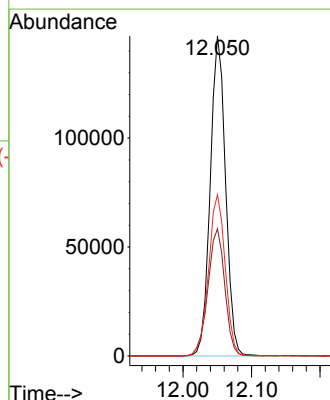
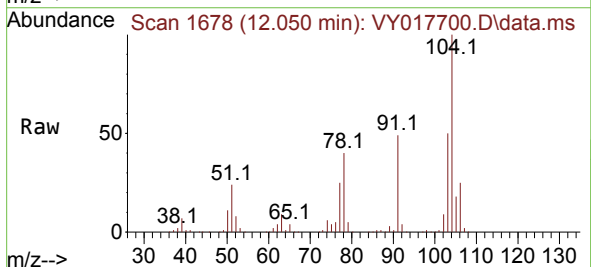
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

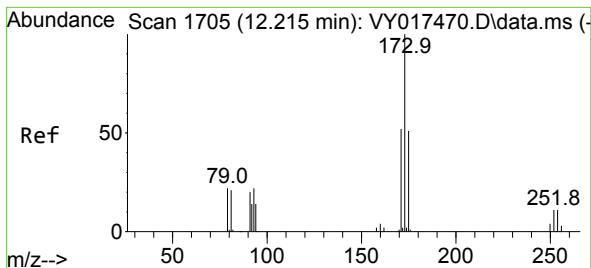
Tgt Ion:106 Resp: 136899
Ion Ratio Lower Upper
106 100
91 204.0 103.6 310.8



#70
Styrene
Concen: 52.919 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY017700.D
Acq: 18 Mar 2024 19:45

Tgt Ion:104 Resp: 228472
Ion Ratio Lower Upper
104 100
78 43.7 37.0 55.4
103 54.7 44.2 66.2





#71

Bromoform

Concen: 50.773 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017700.D

Acq: 18 Mar 2024 19:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

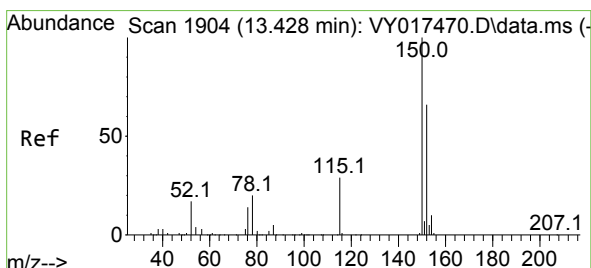
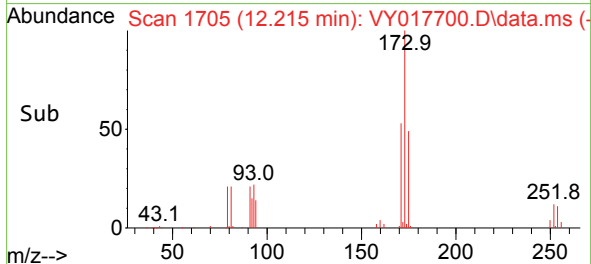
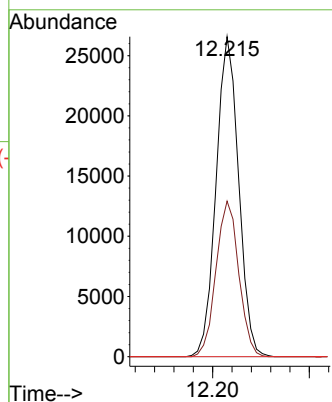
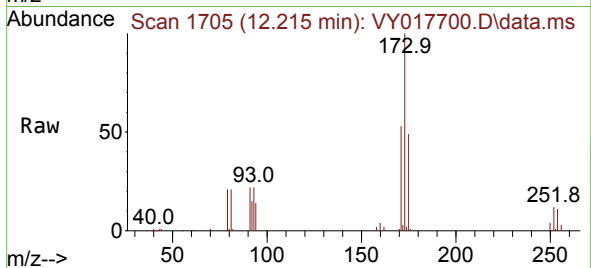
Tgt Ion:173 Resp: 42883

Ion Ratio Lower Upper

173 100

175 49.1 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY017700.D

Acq: 18 Mar 2024 19:45

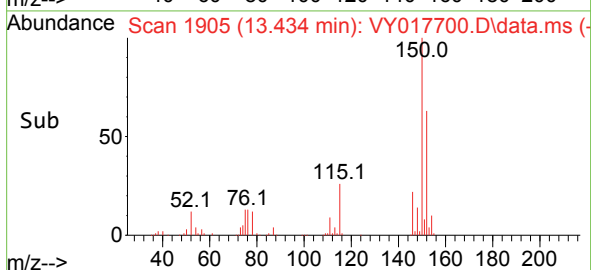
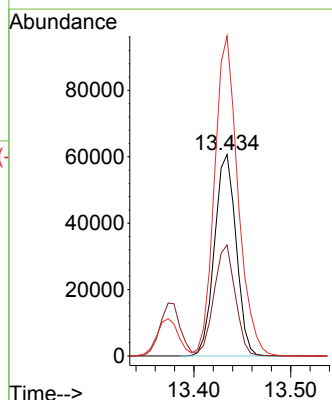
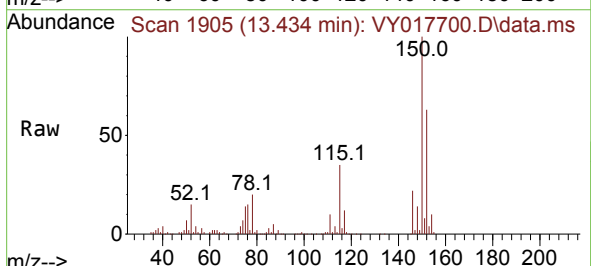
Tgt Ion:152 Resp: 94279

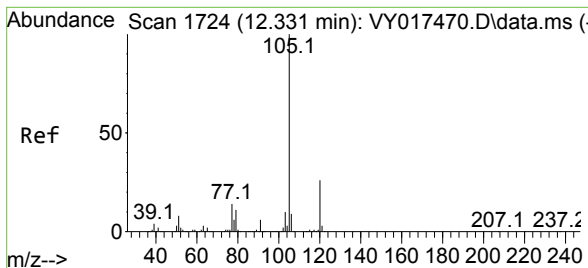
Ion Ratio Lower Upper

152 100

115 54.0 28.2 84.7

150 172.4 0.0 345.6





#73

Isopropylbenzene

Concen: 50.642 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017700.D

Acq: 18 Mar 2024 19:45

Instrument :

MSVOA_Y

ClientSampleId :

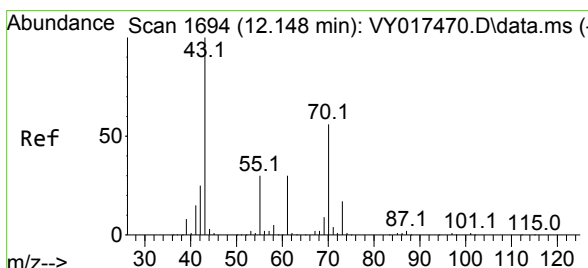
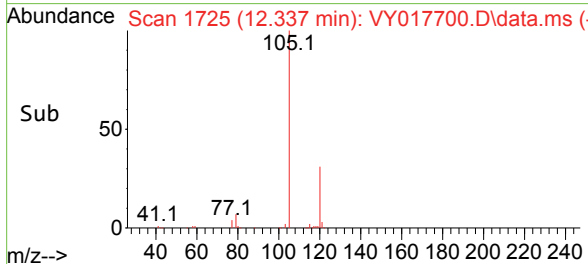
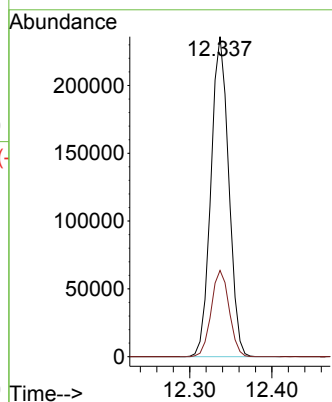
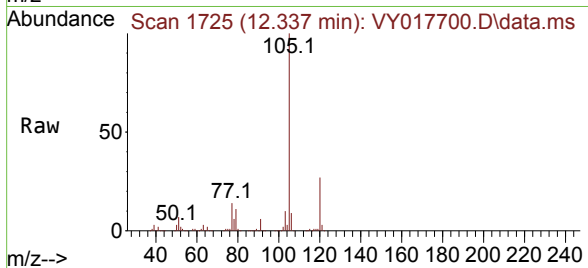
VSTDCCC050EC

Tgt Ion:105 Resp: 354709

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.1



#74

N-ethyl acetate

Concen: 45.990 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.000 min

Lab File: VY017700.D

Acq: 18 Mar 2024 19:45

Tgt Ion: 43 Resp: 56815

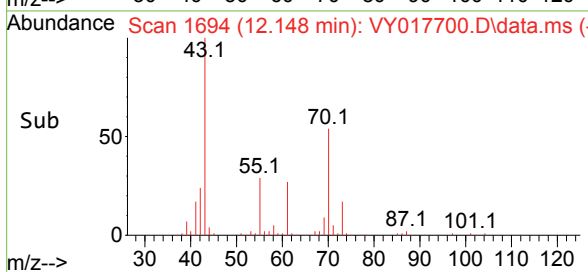
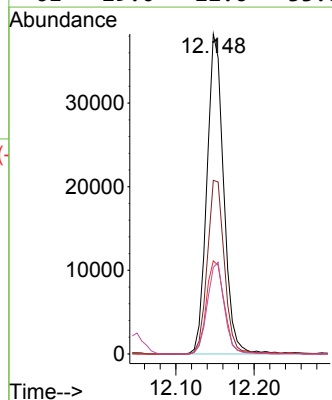
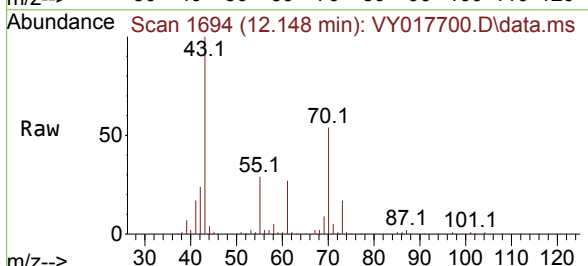
Ion Ratio Lower Upper

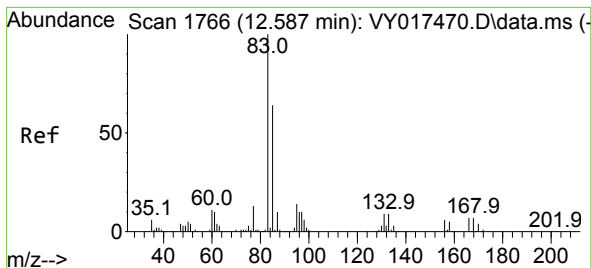
43 100

70 55.4 41.4 62.2

55 31.2 23.3 34.9

61 29.0 22.6 33.8

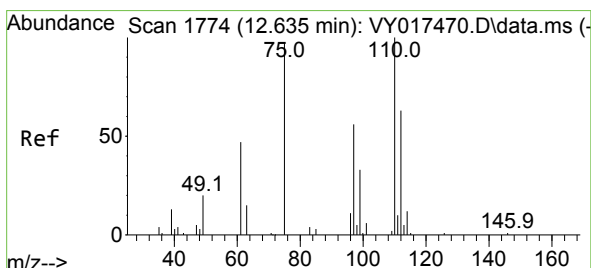
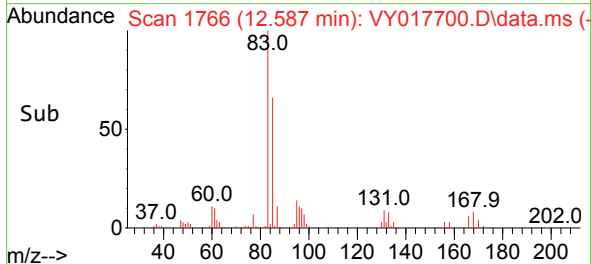
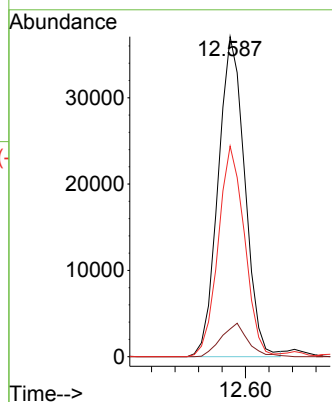
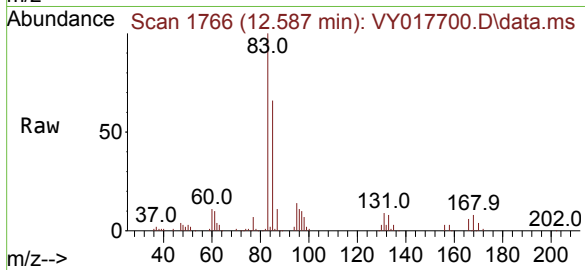




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.611 ug/l
 RT: 12.587 min Scan# 1766
 Delta R.T. 0.000 min
 Lab File: VY017700.D
 Acq: 18 Mar 2024 19:45

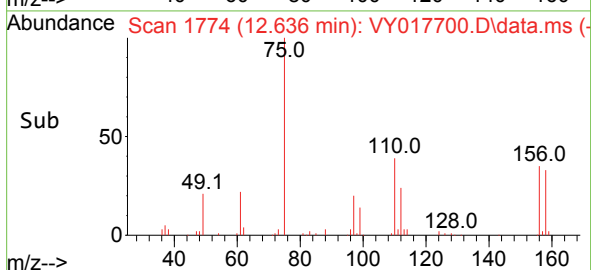
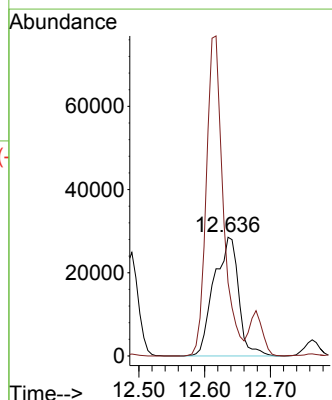
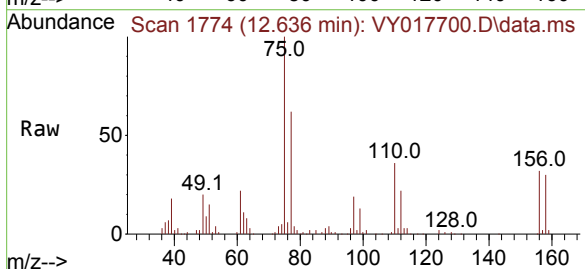
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 83 Resp: 58469
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.0 14.9
 85 65.0 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 82.789 ug/l
 RT: 12.636 min Scan# 1774
 Delta R.T. 0.000 min
 Lab File: VY017700.D
 Acq: 18 Mar 2024 19:45

Tgt Ion: 75 Resp: 74162
 Ion Ratio Lower Upper
 75 100
 77 186.0 0.0 0.0#





#77

Bromobenzene

Concen: 50.580 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.006 min

Lab File: VY017700.D

Acq: 18 Mar 2024 19:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

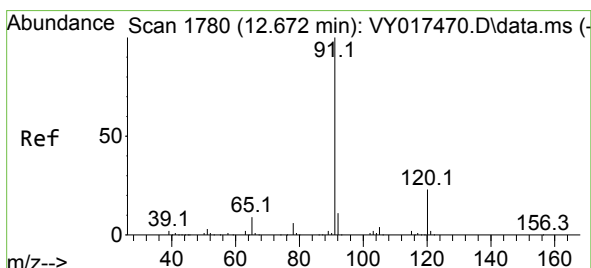
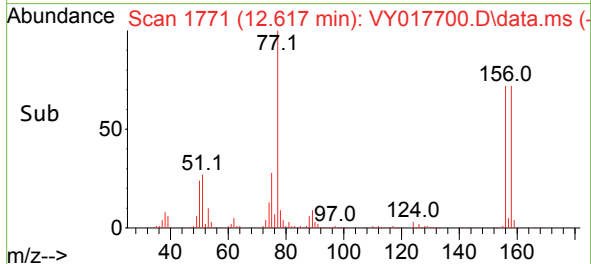
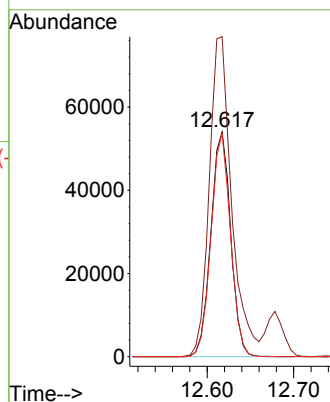
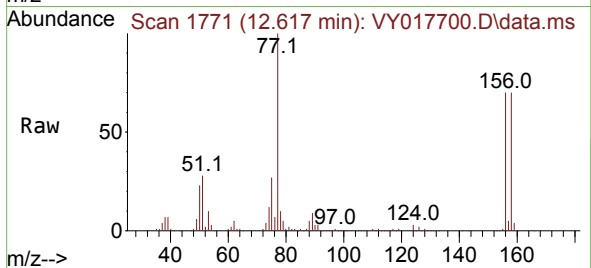
Tgt Ion:156 Resp: 85796

Ion Ratio Lower Upper

156 100

77 160.8 87.1 261.3

158 97.3 48.6 145.9



#78

n-propylbenzene

Concen: 50.920 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.006 min

Lab File: VY017700.D

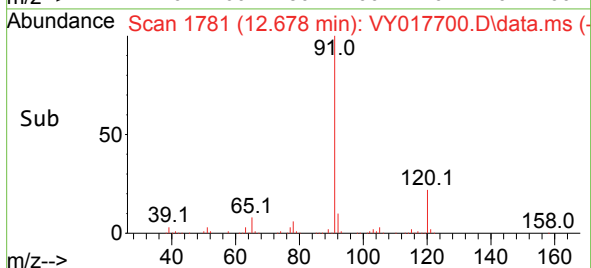
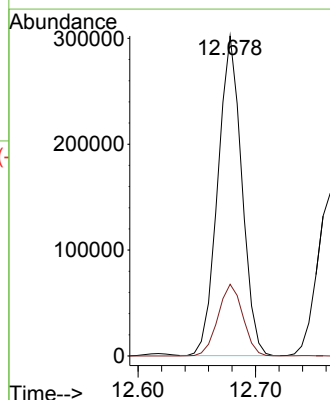
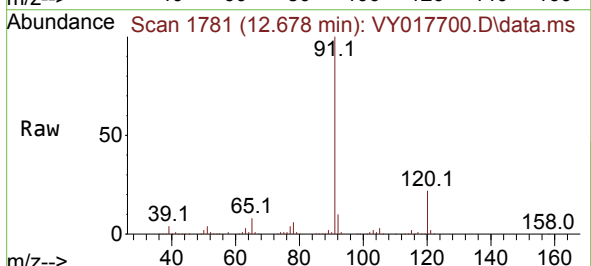
Acq: 18 Mar 2024 19:45

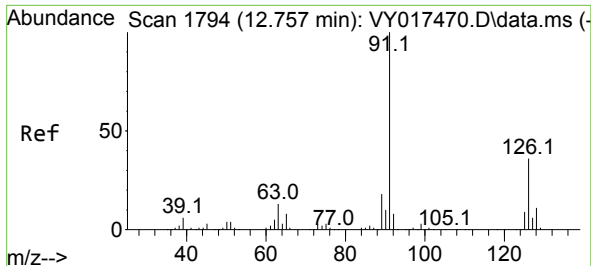
Tgt Ion: 91 Resp: 427955

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4

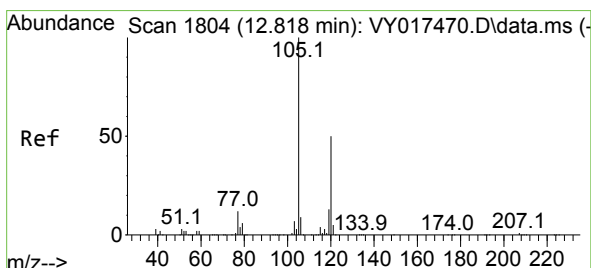
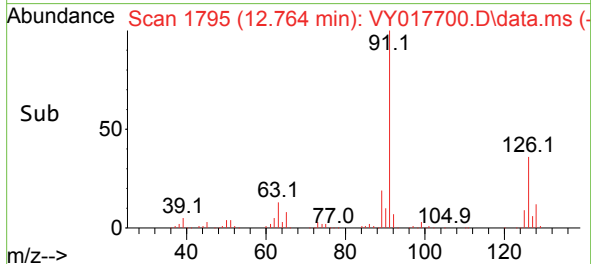
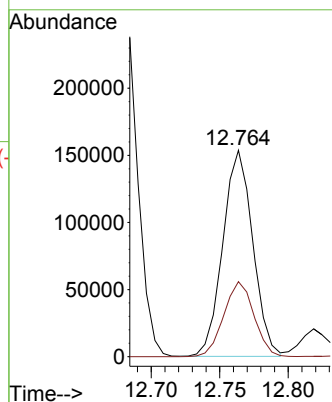
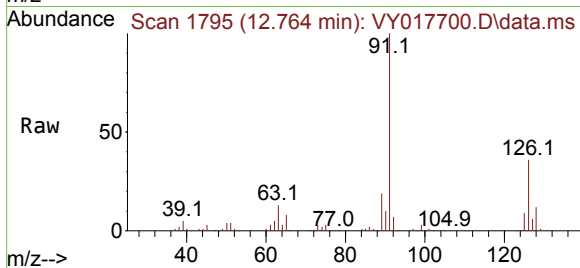




#79
2-Chlorotoluene
Concen: 49.701 ug/l
RT: 12.764 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017700.D
Acq: 18 Mar 2024 19:45

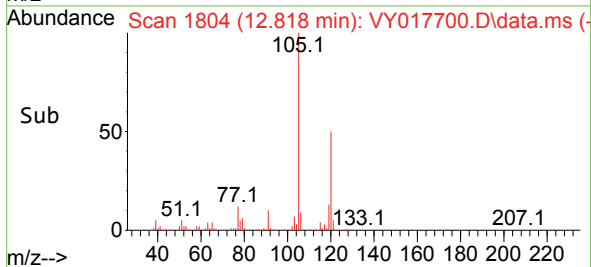
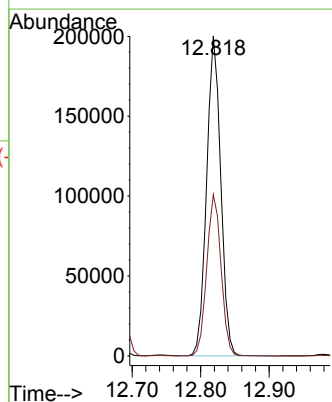
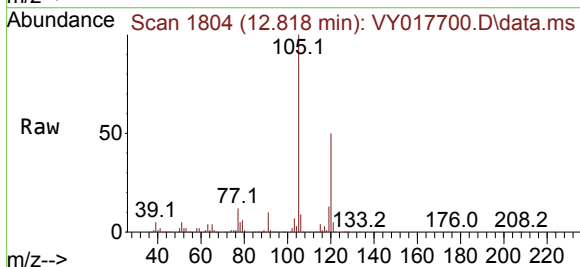
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

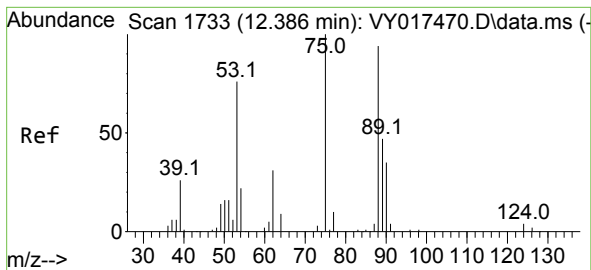
Tgt Ion: 91 Resp: 233865
Ion Ratio Lower Upper
91 100
126 36.6 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 51.195 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY017700.D
Acq: 18 Mar 2024 19:45

Tgt Ion:105 Resp: 287284
Ion Ratio Lower Upper
105 100
120 51.1 25.1 75.2

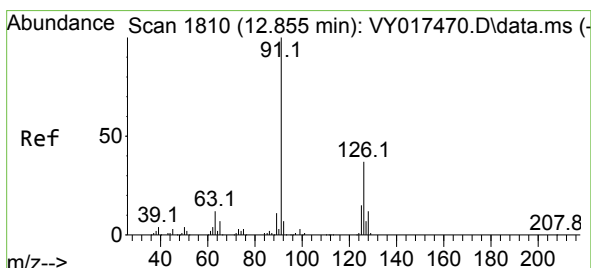
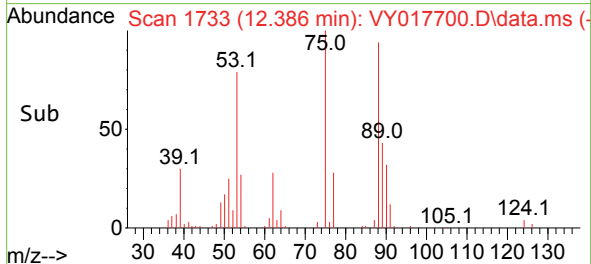
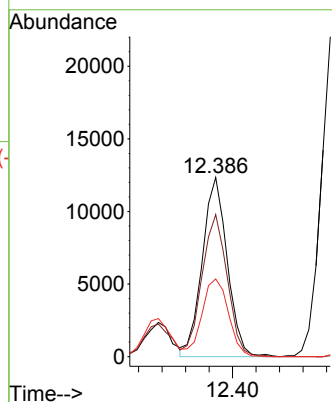
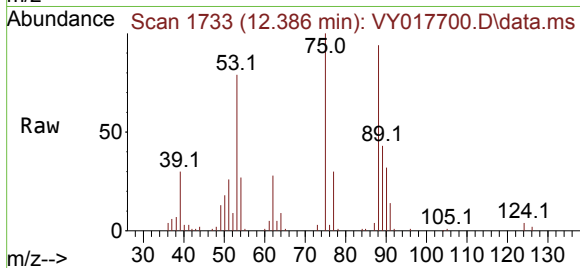




#81
trans-1,4-Dichloro-2-butene
Concen: 46.800 ug/l
RT: 12.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017700.D
Acq: 18 Mar 2024 19:45

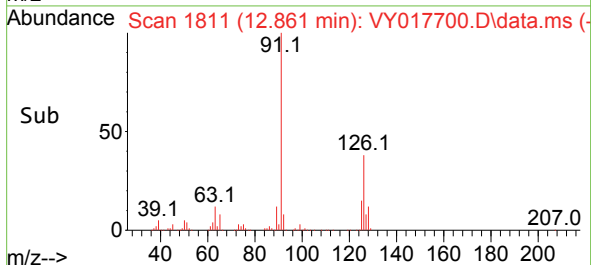
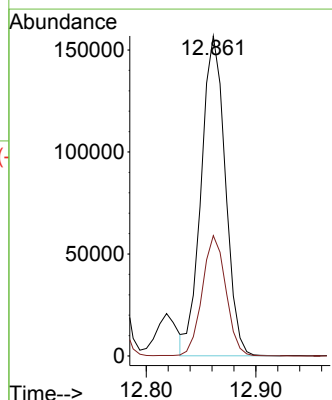
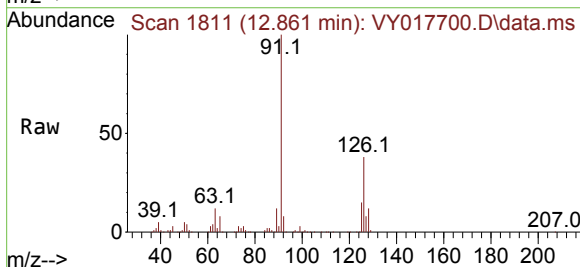
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

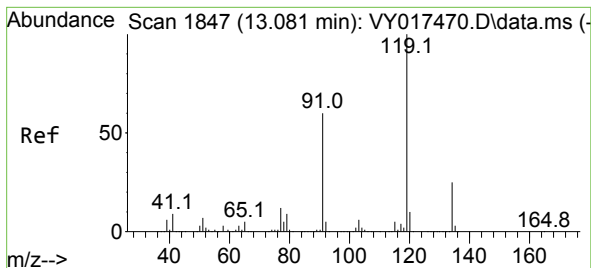
Tgt Ion: 75 Resp: 18245
Ion Ratio Lower Upper
75 100
53 80.6 66.8 100.2
89 46.3 35.8 53.6



#82
4-Chlorotoluene
Concen: 49.708 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY017700.D
Acq: 18 Mar 2024 19:45

Tgt Ion: 91 Resp: 239237
Ion Ratio Lower Upper
91 100
126 37.0 17.6 52.9





#83

tert-Butylbenzene

Concen: 50.420 ug/l

RT: 13.081 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017700.D

Acq: 18 Mar 2024 19:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

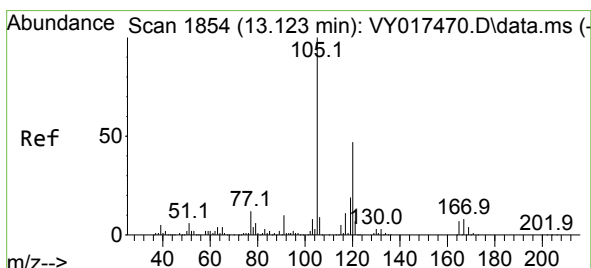
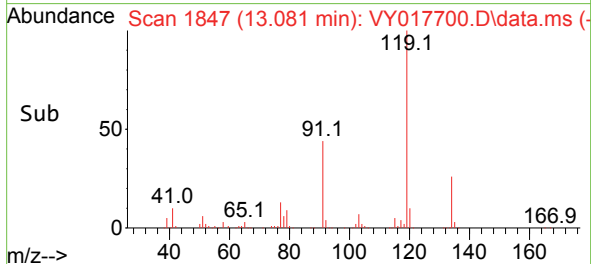
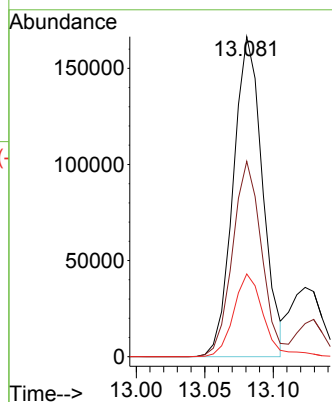
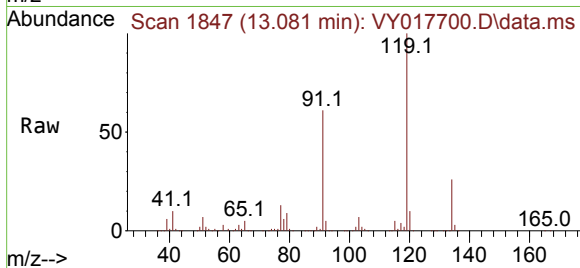
Tgt Ion:119 Resp: 248454

Ion Ratio Lower Upper

119 100

91 61.0 31.3 93.8

134 26.5 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 50.875 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.006 min

Lab File: VY017700.D

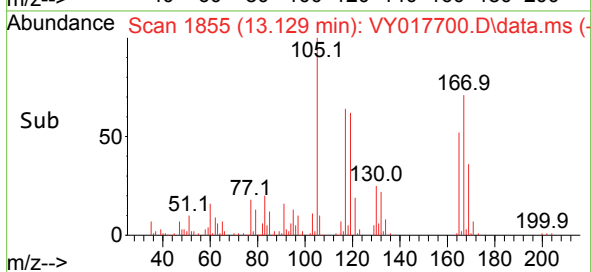
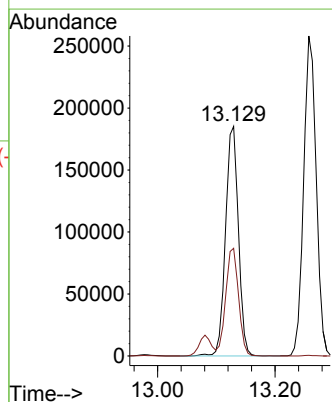
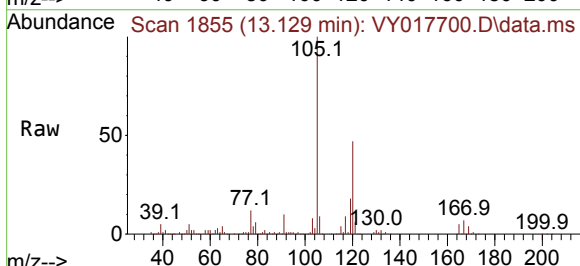
Acq: 18 Mar 2024 19:45

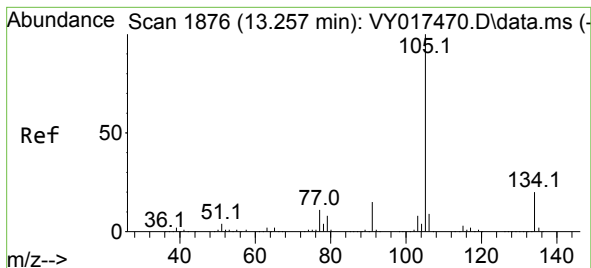
Tgt Ion:105 Resp: 281846

Ion Ratio Lower Upper

105 100

120 46.7 23.2 69.6





#85

sec-Butylbenzene

Concen: 50.644 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY017700.D

Acq: 18 Mar 2024 19:45

Instrument :

MSVOA_Y

ClientSampleId :

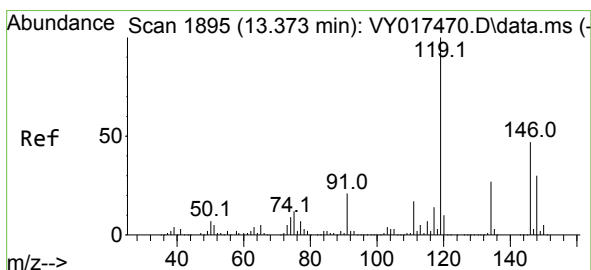
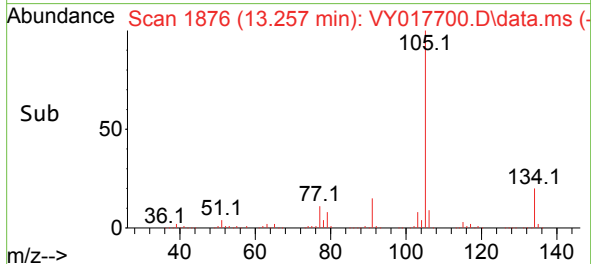
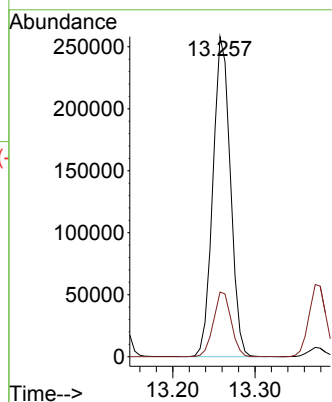
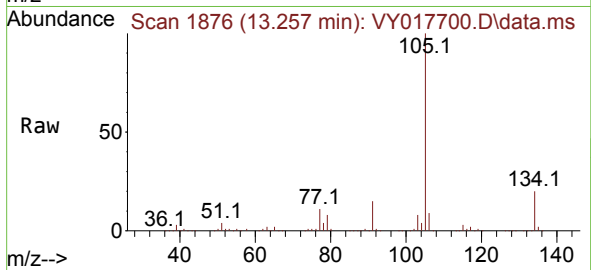
VSTDCCC050EC

Tgt Ion:105 Resp: 381544

Ion Ratio Lower Upper

105 100

134 20.5 10.1 30.1



#86

p-Isopropyltoluene

Concen: 51.085 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017700.D

Acq: 18 Mar 2024 19:45

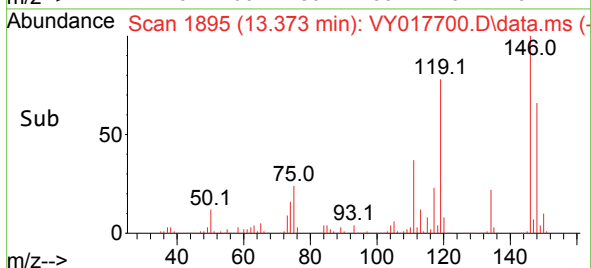
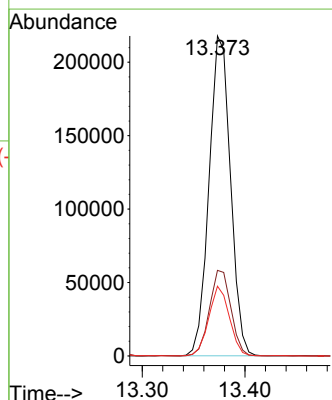
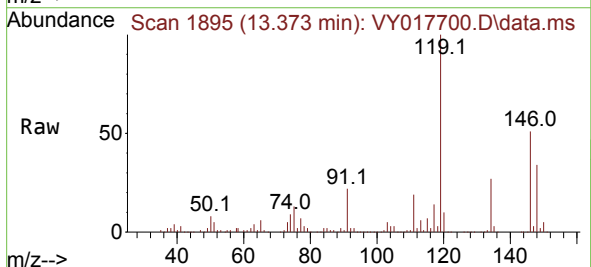
Tgt Ion:119 Resp: 315052

Ion Ratio Lower Upper

119 100

134 26.9 13.1 39.3

91 21.0 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 49.516 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017700.D

Acq: 18 Mar 2024 19:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

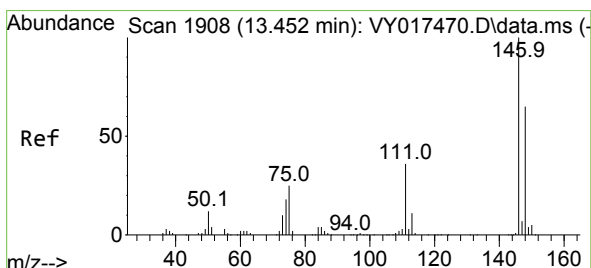
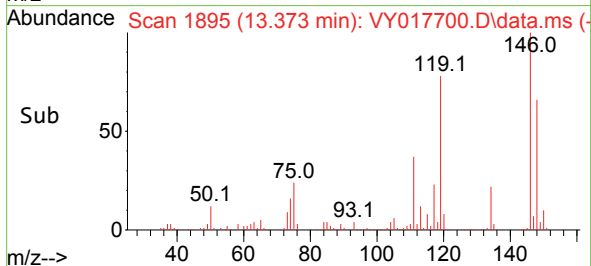
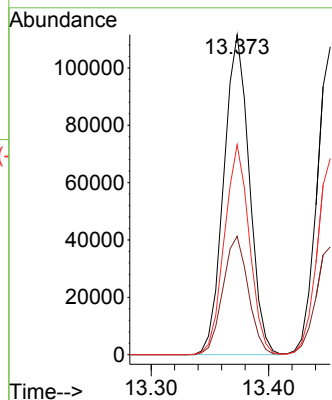
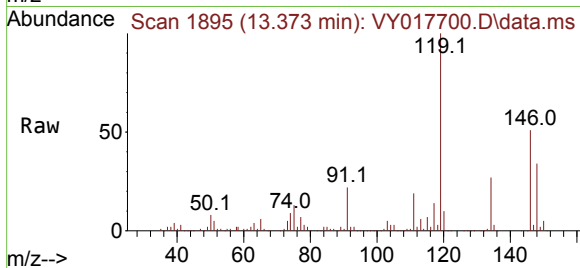
Tgt Ion:146 Resp: 168586

Ion Ratio Lower Upper

146 100

111 36.9 19.0 57.0

148 64.3 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 49.666 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY017700.D

Acq: 18 Mar 2024 19:45

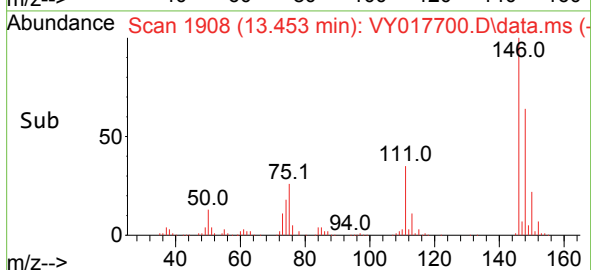
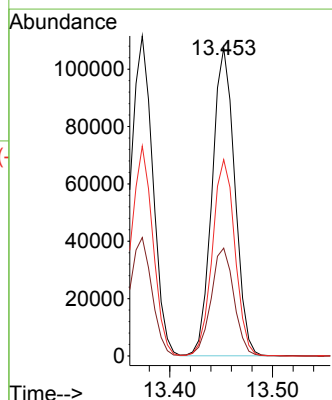
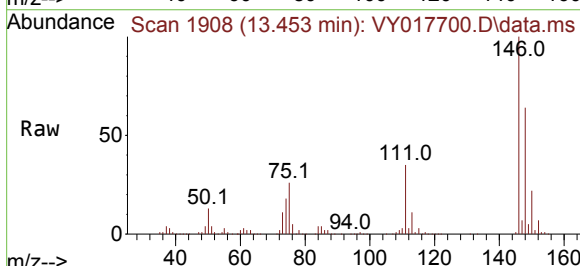
Tgt Ion:146 Resp: 164398

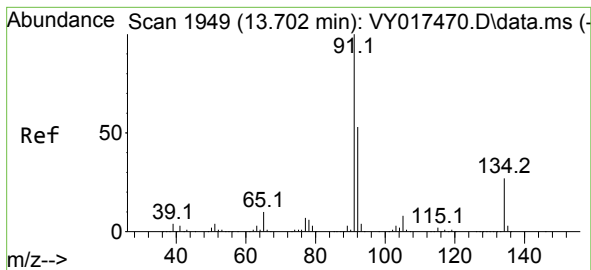
Ion Ratio Lower Upper

146 100

111 35.6 18.4 55.4

148 63.8 32.4 97.2





#89

n-Butylbenzene

Concen: 50.225 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY017700.D

Acq: 18 Mar 2024 19:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

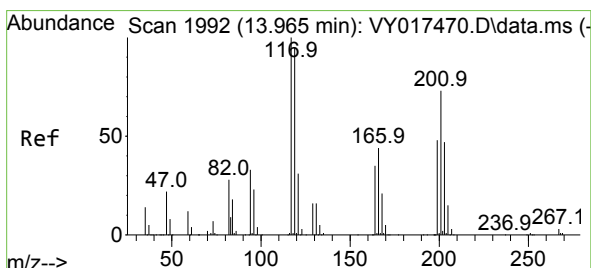
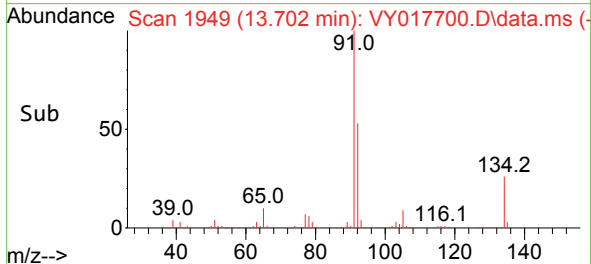
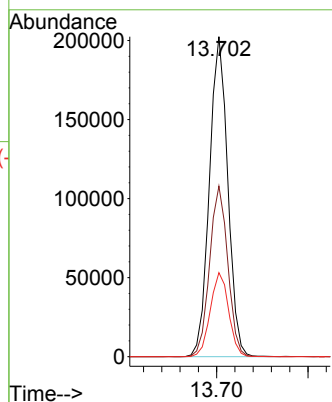
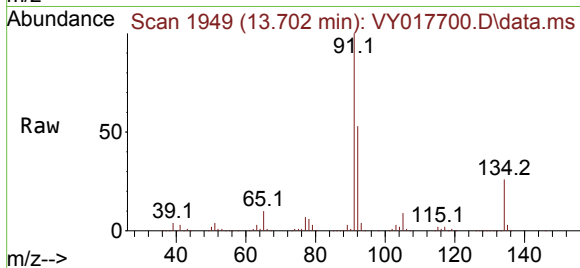
Tgt Ion: 91 Resp: 282604

Ion Ratio Lower Upper

91 100

92 52.9 26.6 79.7

134 26.3 12.9 38.7



#90

Hexachloroethane

Concen: 50.410 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VY017700.D

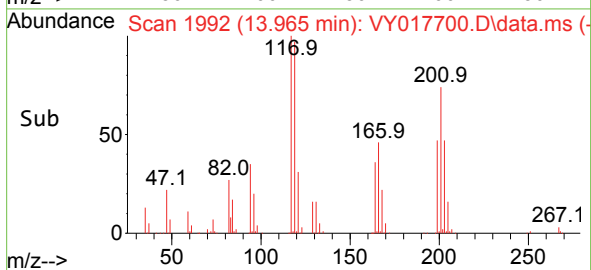
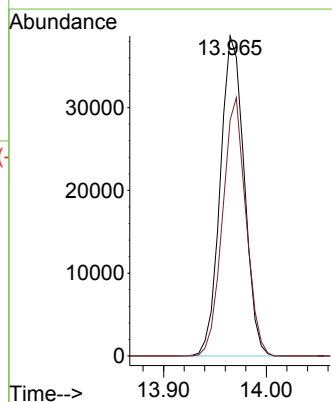
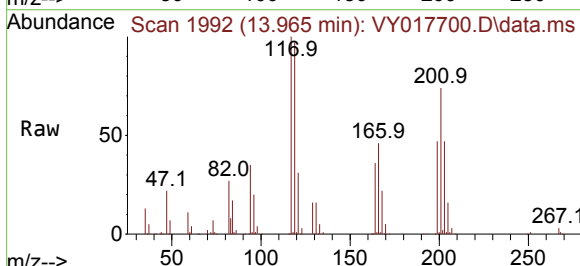
Acq: 18 Mar 2024 19:45

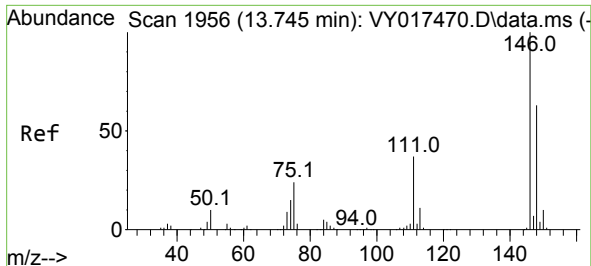
Tgt Ion: 117 Resp: 62328

Ion Ratio Lower Upper

117 100

201 79.0 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 50.490 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VY017700.D

Acq: 18 Mar 2024 19:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

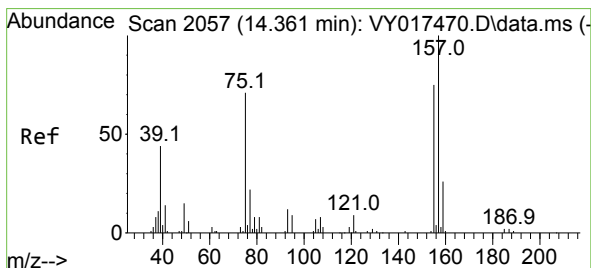
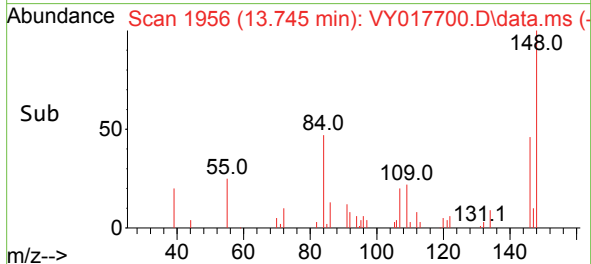
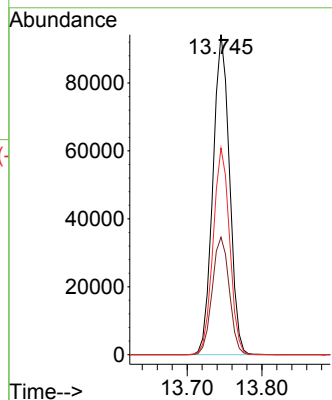
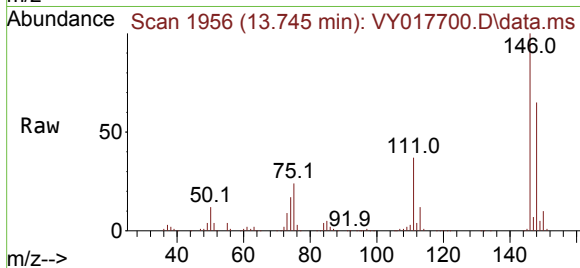
Tgt Ion:146 Resp: 145404

Ion Ratio Lower Upper

146 100

111 37.6 19.9 59.7

148 64.1 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.377 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VY017700.D

Acq: 18 Mar 2024 19:45

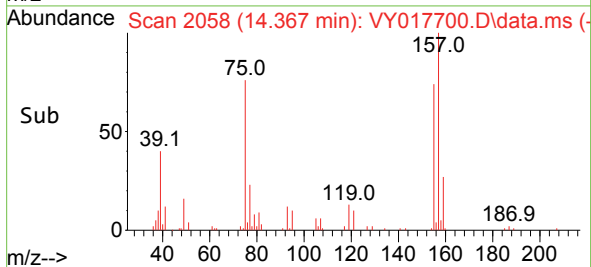
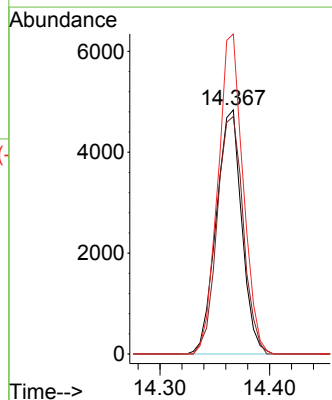
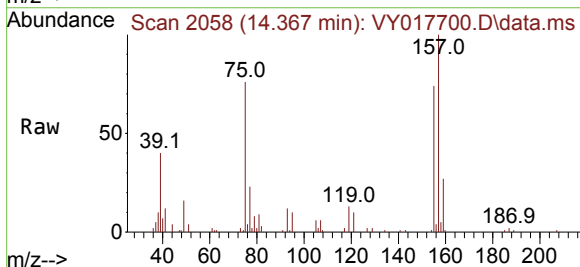
Tgt Ion: 75 Resp: 7842

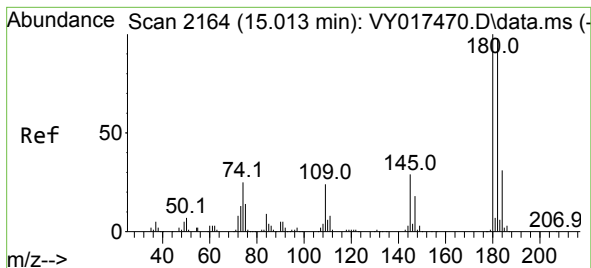
Ion Ratio Lower Upper

75 100

155 99.2 48.6 145.8

157 129.3 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 51.038 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017700.D

Acq: 18 Mar 2024 19:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

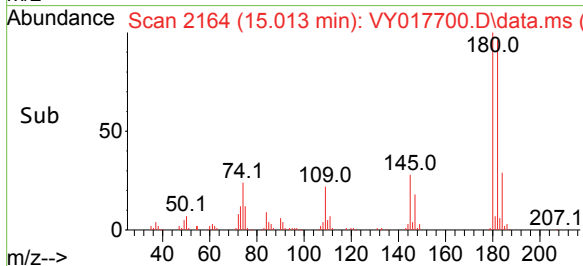
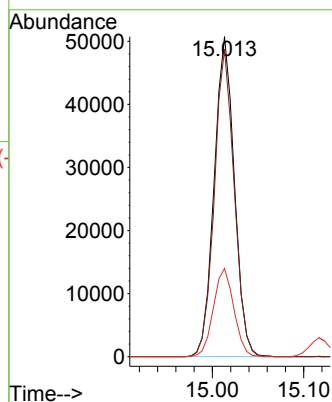
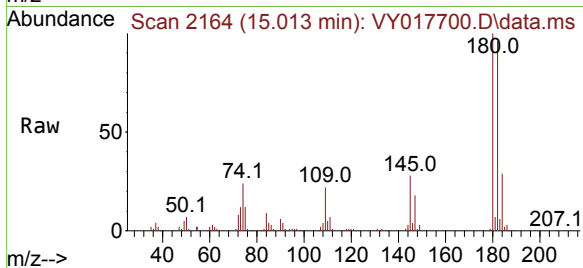
Tgt Ion:180 Resp: 77637

Ion Ratio Lower Upper

180 100

182 94.7 47.9 143.8

145 27.9 14.2 42.6



#94

Hexachlorobutadiene

Concen: 50.693 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017700.D

Acq: 18 Mar 2024 19:45

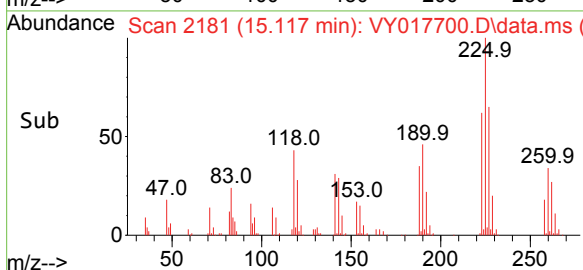
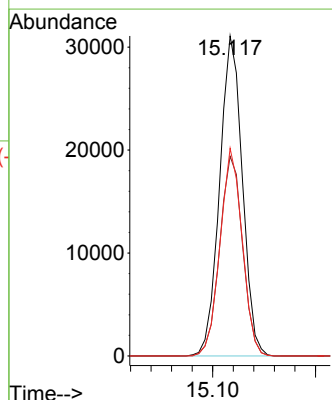
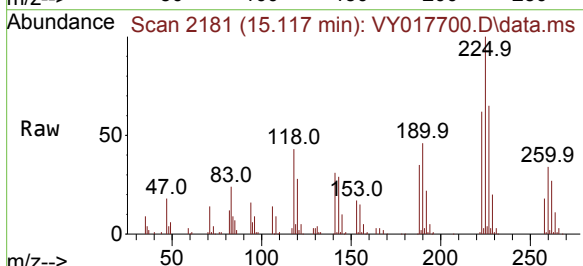
Tgt Ion:225 Resp: 47610

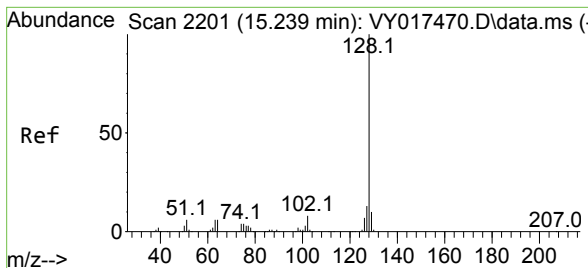
Ion Ratio Lower Upper

225 100

223 63.0 30.4 91.2

227 63.2 31.9 95.9





#95

Naphthalene

Concen: 45.124 ug/l

RT: 15.245 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY017700.D

Acq: 18 Mar 2024 19:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

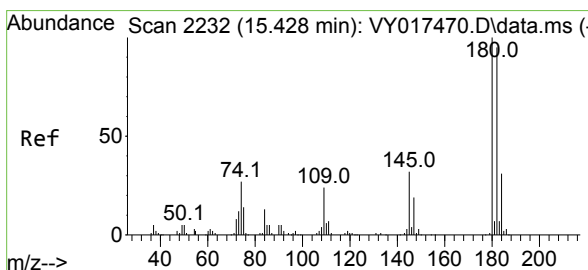
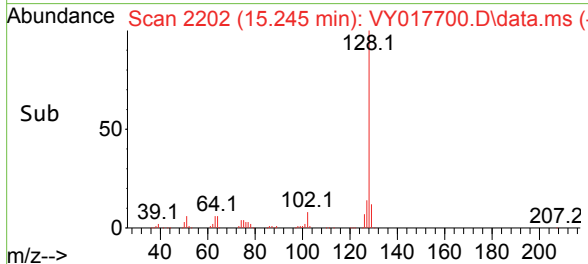
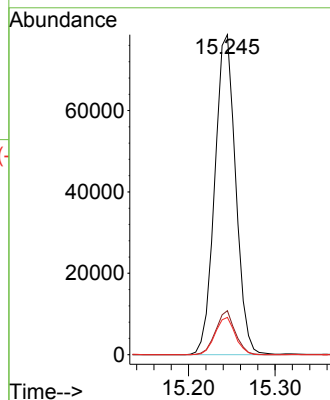
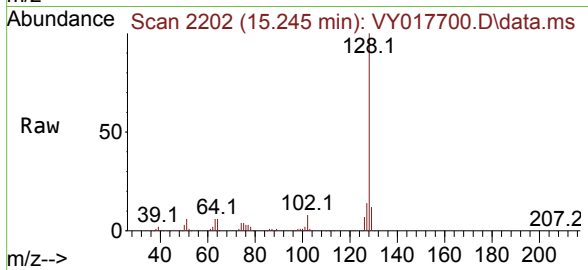
Tgt Ion:128 Resp: 131782

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 50.484 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY017700.D

Acq: 18 Mar 2024 19:45

Tgt Ion:180 Resp: 65880

Ion Ratio Lower Upper

180 100

182 96.2 47.6 142.9

145 30.4 15.4 46.1

