

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030124\
 Data File : VY017560.D
 Acq On : 01 Mar 2024 18:58
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Mar 02 00:23:09 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	7.795	168	133474	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	216396	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	187242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	89979	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	68199	53.913	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.820%	
35) Dibromofluoromethane	7.728	113	80741	53.545	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.080%	
50) Toluene-d8	10.185	98	306568	58.148	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 116.300%	
62) 4-Bromofluorobenzene	12.483	95	94163	56.830	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 113.660%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	46676	47.407	ug/l	99
3) Chloromethane	2.113	50	100972	56.128	ug/l	97
4) Vinyl Chloride	2.253	62	127614	55.295	ug/l	98
5) Bromomethane	2.656	94	110605	58.809	ug/l	99
6) Chloroethane	2.796	64	82044	56.352	ug/l	98
7) Trichlorofluoromethane	3.125	101	118926	50.560	ug/l	96
8) Diethyl Ether	3.540	74	35610	51.617	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.906	101	68375	50.537	ug/l	99
10) Methyl Iodide	4.101	142	75469	49.704	ug/l	99
11) Tert butyl alcohol	4.985	59	17583	163.636	ug/l #	92
12) 1,1-Dichloroethene	3.875	96	67085	53.205	ug/l	99
13) Acrolein	3.741	56	34055	240.198	ug/l	98
14) Allyl chloride	4.491	41	82032	53.844	ug/l	97
15) Acrylonitrile	5.180	53	65616	231.368	ug/l	98
16) Acetone	3.967	43	51594	210.284	ug/l	95
17) Carbon Disulfide	4.204	76	212445	56.134	ug/l	98
18) Methyl Acetate	4.491	43	30563	51.345	ug/l	99
19) Methyl tert-butyl Ether	5.235	73	148953	50.684	ug/l	99
20) Methylene Chloride	4.729	84	84606	59.762	ug/l	98
21) trans-1,2-Dichloroethene	5.229	96	80084	54.246	ug/l	99
22) Diisopropyl ether	6.131	45	191085	54.353	ug/l	96
23) Vinyl Acetate	6.070	43	539899	257.716	ug/l	99
24) 1,1-Dichloroethane	6.027	63	129704	54.002	ug/l	99
25) 2-Butanone	7.003	43	79744	228.061	ug/l	94
26) 2,2-Dichloropropane	6.990	77	98837	48.944	ug/l	97
27) cis-1,2-Dichloroethene	6.997	96	88168	53.191	ug/l	99
28) Bromochloromethane	7.344	49	56106	59.313	ug/l	99
29) Tetrahydrofuran	7.362	42	49351	234.137	ug/l	100
30) Chloroform	7.515	83	136076	53.214	ug/l	99
31) Cyclohexane	7.795	56	108914	52.906	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	116540	52.494	ug/l	100
36) 1,1-Dichloropropene	7.923	75	104925	51.573	ug/l	100
37) Ethyl Acetate	7.088	43	35445	44.110	ug/l	96
38) Carbon Tetrachloride	7.911	117	104008	51.008	ug/l	97
39) Methylcyclohexane	9.191	83	129212	52.847	ug/l	96
40) Benzene	8.167	78	317099	52.483	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	17759	44.041	ug/l	93
42) 1,2-Dichloroethane	8.246	62	72374	49.095	ug/l	99
43) Isopropyl Acetate	8.283	43	69098	48.934	ug/l	98
44) Trichloroethene	8.947	130	88042	50.556	ug/l	99
45) 1,2-Dichloropropane	9.222	63	74424	51.774	ug/l	97
46) Dibromomethane	9.313	93	40526	49.262	ug/l	98
47) Bromodichloromethane	9.502	83	100589	50.357	ug/l	99
48) Methyl methacrylate	9.301	41	32637	49.934	ug/l	98
49) 1,4-Dioxane	9.325	88	8089	868.827	ug/l #	96
51) 4-Methyl-2-Pentanone	10.075	43	185429	235.621	ug/l	99
52) Toluene	10.252	92	198164	52.026	ug/l	99
53) t-1,3-Dichloropropene	10.472	75	91336	49.263	ug/l	96
54) cis-1,3-Dichloropropene	9.935	75	110311	48.966	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	55458	47.480	ug/l	98
56) Ethyl methacrylate	10.514	69	65731	45.960	ug/l	99
57) 1,3-Dichloropropane	10.795	76	92934	48.937	ug/l	99
59) 2-Hexanone	10.837	43	128469	237.659	ug/l	100
60) Dibromochloromethane	10.990	129	67712	49.003	ug/l	98
61) 1,2-Dibromoethane	11.093	107	52194	48.490	ug/l	99
64) Tetrachloroethene	10.728	164	88947	49.492	ug/l	97
65) Chlorobenzene	11.520	112	206337	51.917	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	76896	51.645	ug/l	98
67) Ethyl Benzene	11.599	91	378610	54.320	ug/l	98
68) m/p-Xylenes	11.709	106	296528	108.269	ug/l	99
69) o-Xylene	12.032	106	136456	53.704	ug/l	99
70) Styrene	12.051	104	228398	54.153	ug/l	98
71) Bromoform	12.215	173	40191	48.711	ug/l #	98
73) Isopropylbenzene	12.337	105	356262	53.294	ug/l	100
74) N-amyl acetate	12.148	43	62721	53.197	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	59950	52.224	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	72240	84.498	ug/l #	100
77) Bromobenzene	12.611	156	81807	50.533	ug/l	97
78) n-propylbenzene	12.678	91	433519	54.047	ug/l	99
79) 2-Chlorotoluene	12.764	91	235335	52.403	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	288855	53.935	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	17311	46.526	ug/l	99
82) 4-Chlorotoluene	12.861	91	240211	52.296	ug/l	98
83) tert-Butylbenzene	13.081	119	253175	53.834	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	282038	53.342	ug/l	99
85) sec-Butylbenzene	13.258	105	382196	53.155	ug/l	99
86) p-Isopropyltoluene	13.373	119	315602	53.619	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	164283	50.558	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	161292	51.056	ug/l	98
89) n-Butylbenzene	13.703	91	287240	53.488	ug/l	99
90) Hexachloroethane	13.965	117	60869	51.583	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	139893	50.897	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8166	50.601	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	74545	51.347	ug/l	99
94) Hexachlorobutadiene	15.117	225	43718	48.774	ug/l	99
95) Naphthalene	15.239	128	134226	47.894	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	64526	51.809	ug/l	98

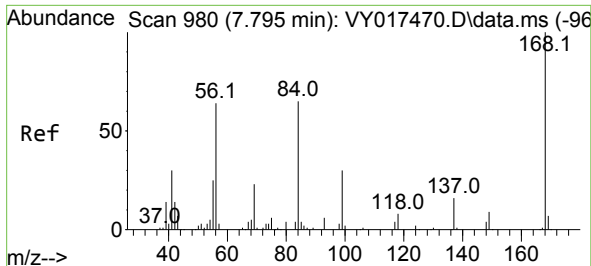
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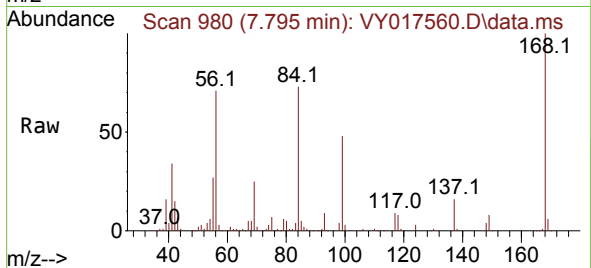
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#)=qualifier out of range (m)=manual integration (+)=signals summed						

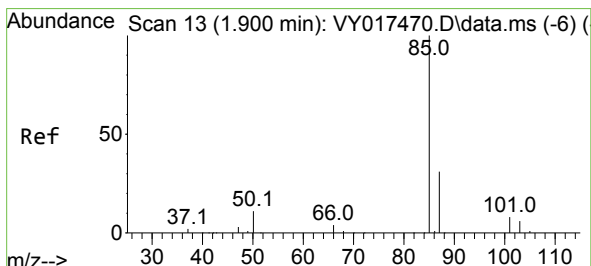
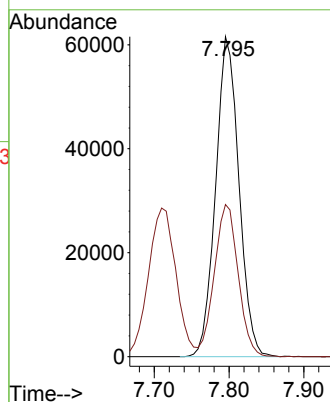
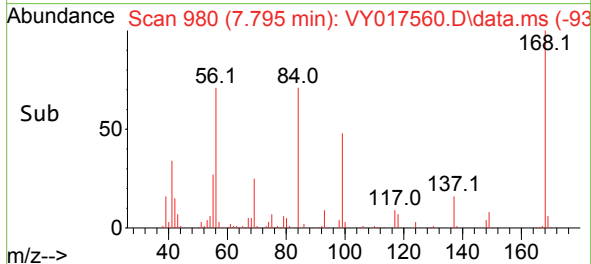


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017560.D
Acq: 01 Mar 2024 18:58

Instrument :
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ClientSampleId :
VSTDCCC050EC

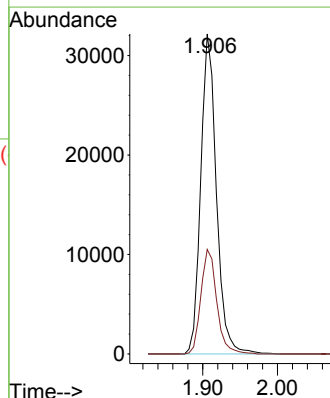
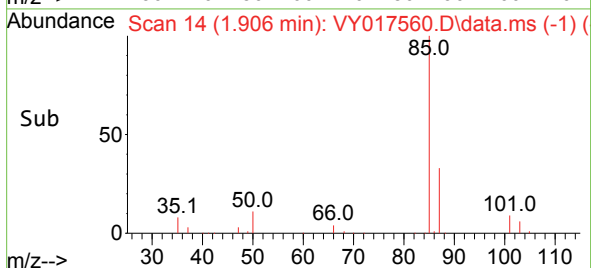
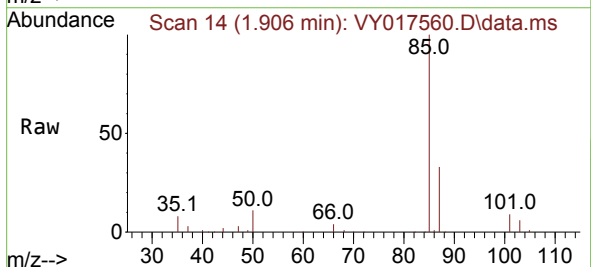


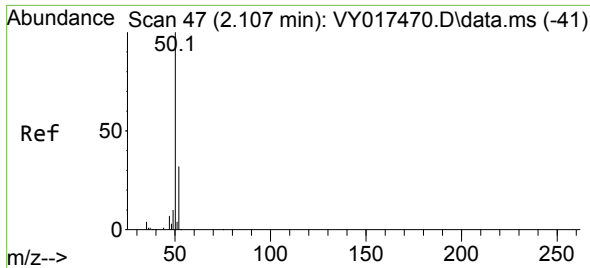
Tgt Ion:168 Resp: 133474
Ion Ratio Lower Upper
168 100
99 47.6 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 47.407 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY017560.D
Acq: 01 Mar 2024 18:58

Tgt Ion: 85 Resp: 46676
Ion Ratio Lower Upper
85 100
87 32.7 16.0 48.0

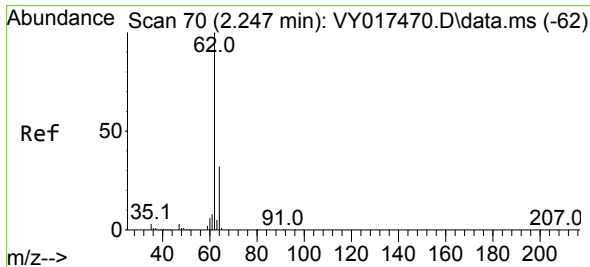
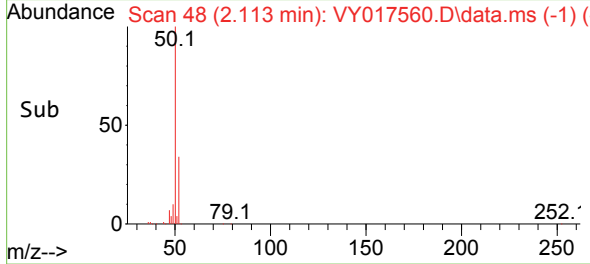
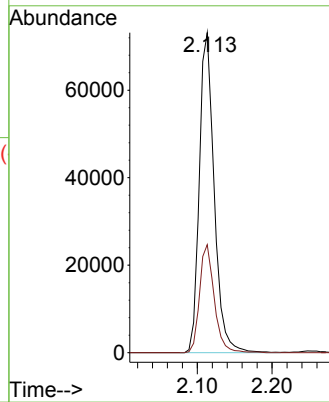
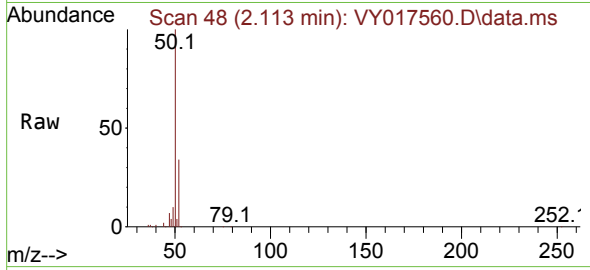




#3
Chloromethane
Concen: 56.128 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY017560.D
Acq: 01 Mar 2024 18:58

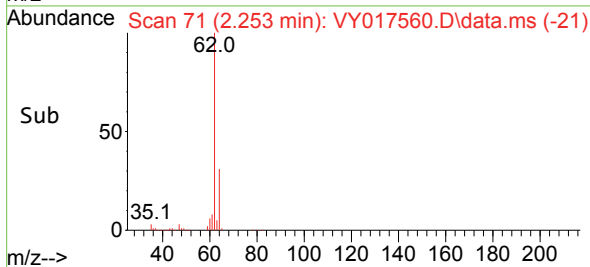
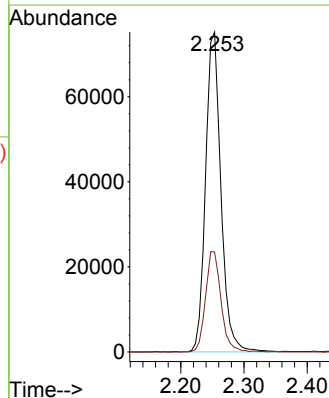
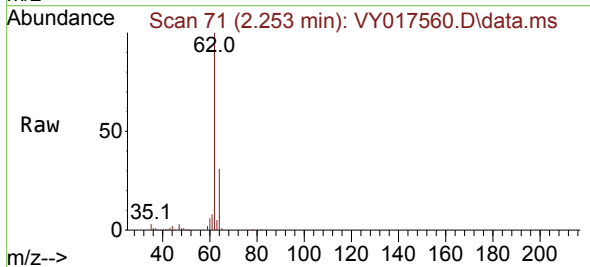
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ClientSampleId :
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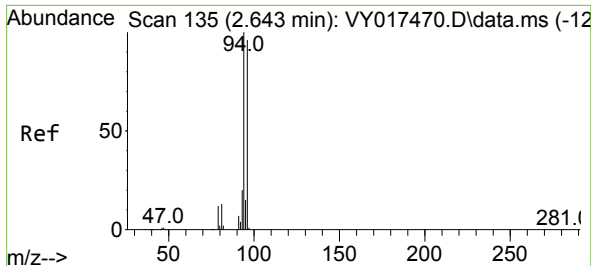
Tgt Ion: 50 Resp: 100972
Ion Ratio Lower Upper
50 100
52 33.8 25.6 38.4



#4
Vinyl Chloride
Concen: 55.295 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY017560.D
Acq: 01 Mar 2024 18:58

Tgt Ion: 62 Resp: 127614
Ion Ratio Lower Upper
62 100
64 31.3 26.1 39.1

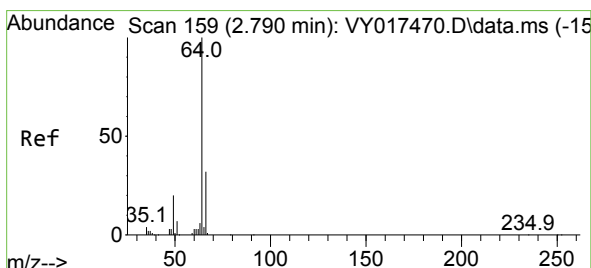
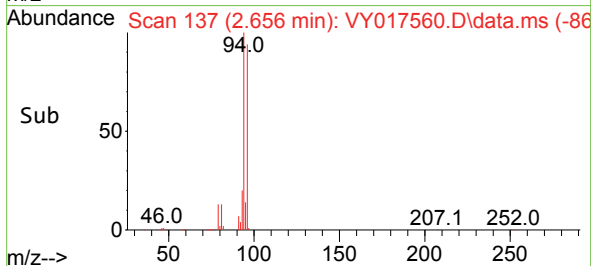
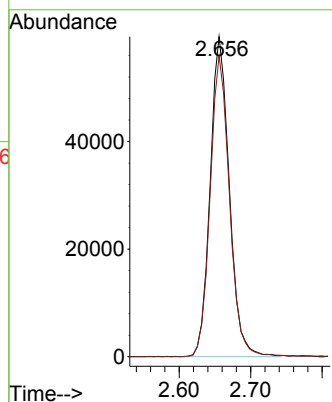
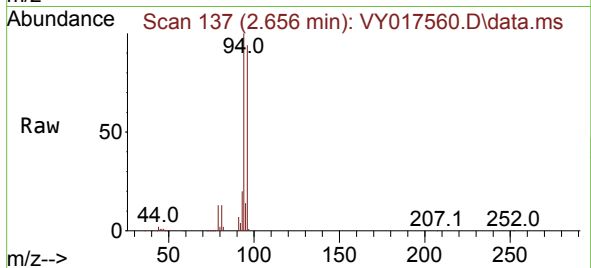




#5
Bromomethane
Concen: 58.809 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017560.D
Acq: 01 Mar 2024 18:58

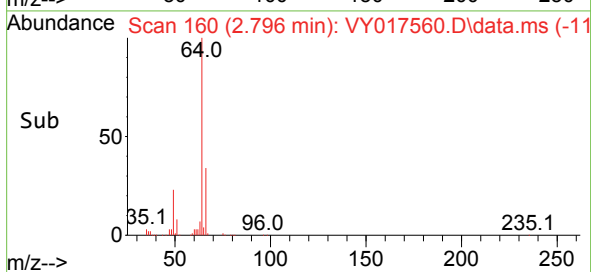
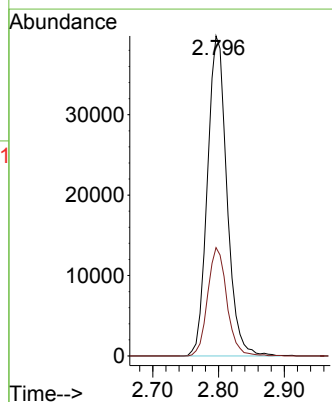
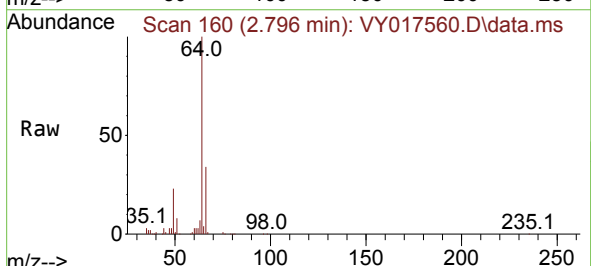
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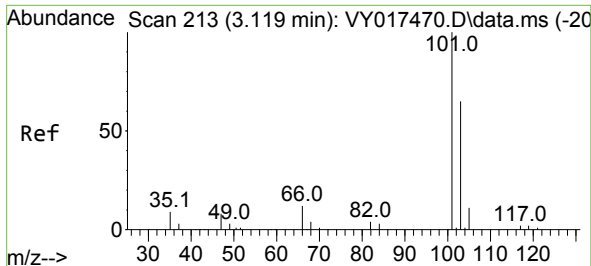
Tgt Ion: 94 Resp: 110605
Ion Ratio Lower Upper
94 100
96 94.0 74.1 111.1



#6
Chloroethane
Concen: 56.352 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY017560.D
Acq: 01 Mar 2024 18:58

Tgt Ion: 64 Resp: 82044
Ion Ratio Lower Upper
64 100
66 33.9 26.1 39.1

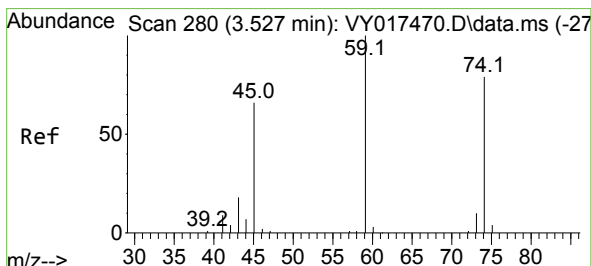
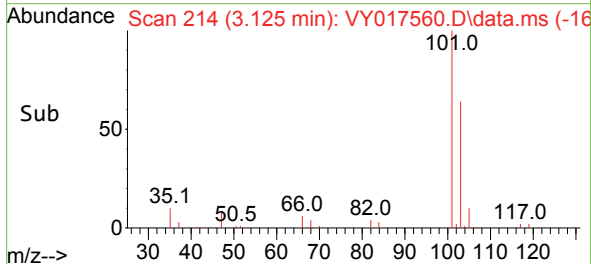
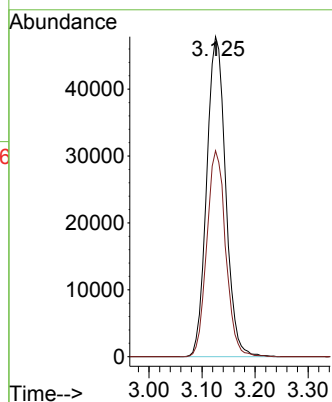
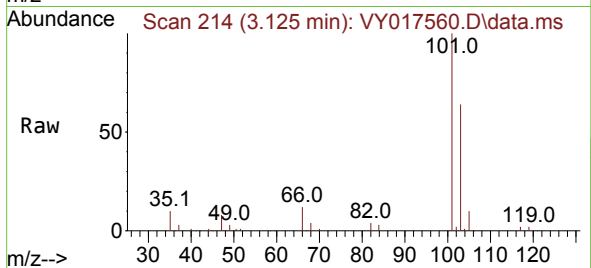




#7
Trichlorofluoromethane
Concen: 50.560 ug/l
RT: 3.125 min Scan# 213
Delta R.T. 0.006 min
Lab File: VY017560.D
Acq: 01 Mar 2024 18:58

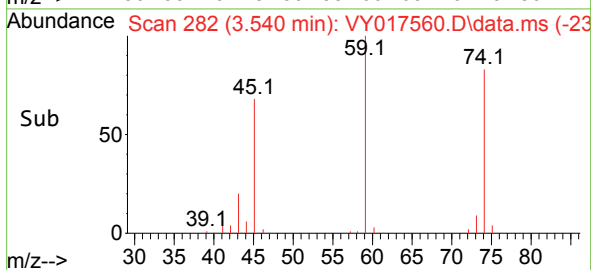
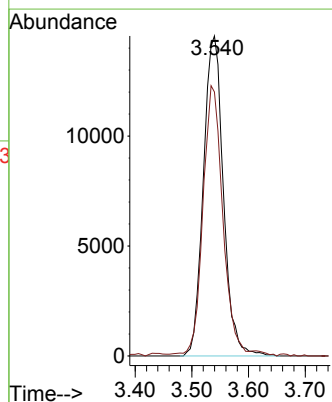
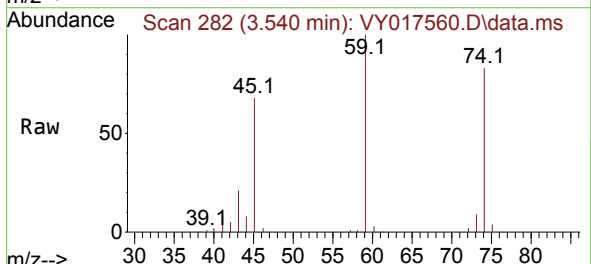
Instrument :
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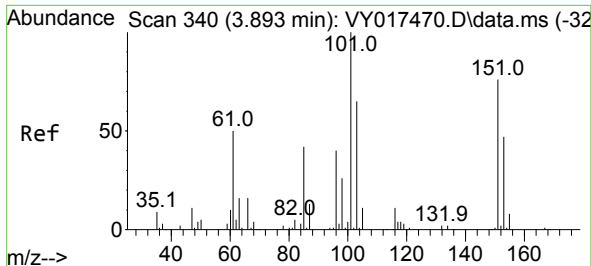
Tgt Ion:101 Resp: 118926
Ion Ratio Lower Upper
101 100
103 64.4 49.3 73.9



#8
Diethyl Ether
Concen: 51.617 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.012 min
Lab File: VY017560.D
Acq: 01 Mar 2024 18:58

Tgt Ion: 74 Resp: 35610
Ion Ratio Lower Upper
74 100
45 82.2 41.3 124.1

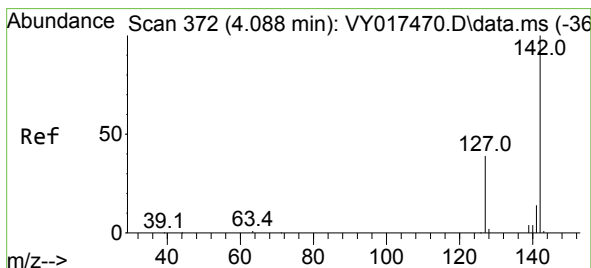
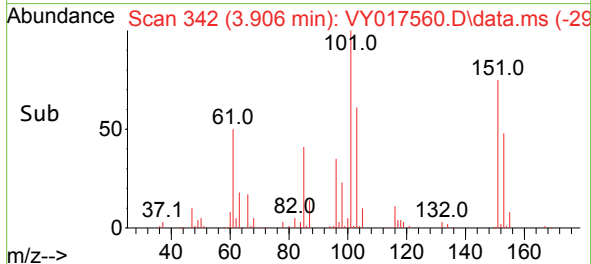
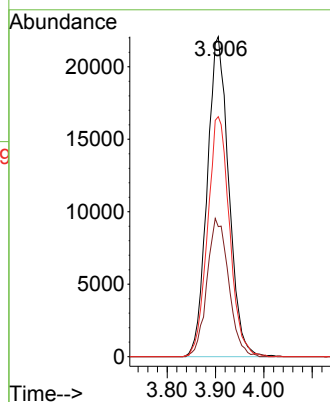
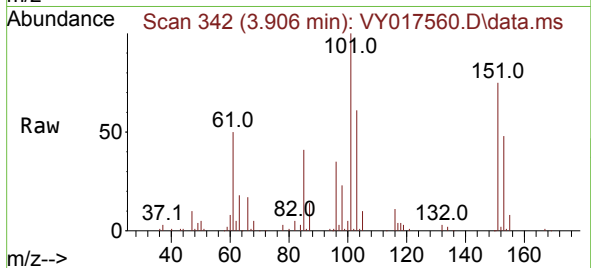




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.537 ug/l
RT: 3.906 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY017560.D
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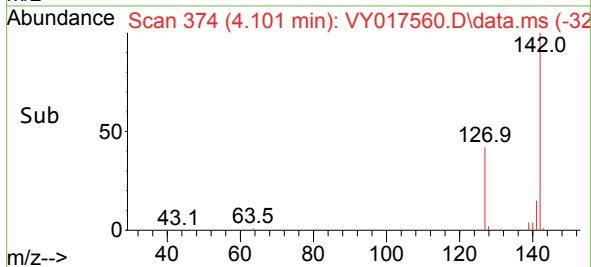
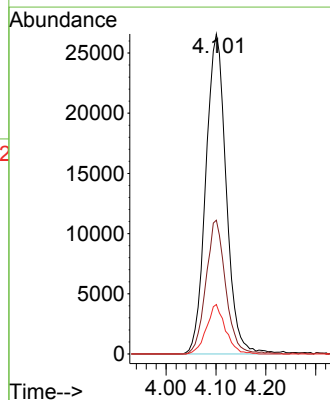
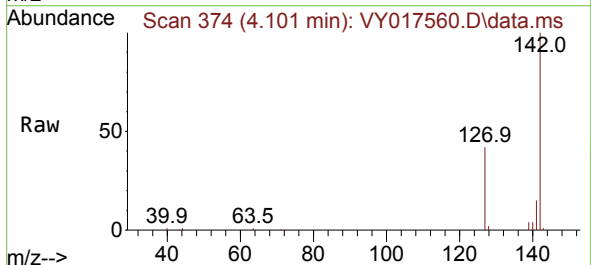
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MSVOA_Y
ClientSampleId :
VSTDCCC050EC

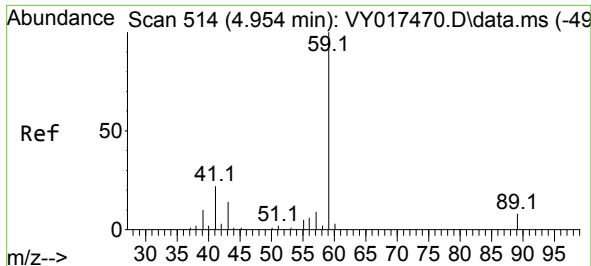
Tgt Ion:101 Resp: 68375
Ion Ratio Lower Upper
101 100
85 43.4 34.5 51.7
151 76.4 61.7 92.5



#10
Methyl Iodide
Concen: 49.704 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.012 min
Lab File: VY017560.D
Acq: 01 Mar 2024 18:58

Tgt Ion:142 Resp: 75469
Ion Ratio Lower Upper
142 100
127 40.6 32.8 49.2
141 14.4 11.4 17.2

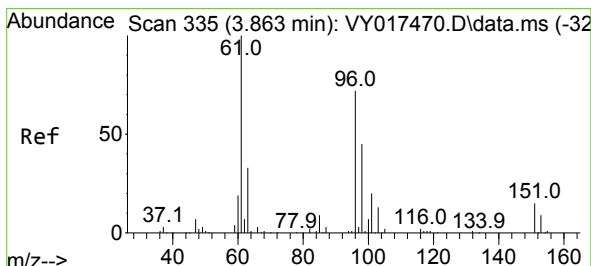
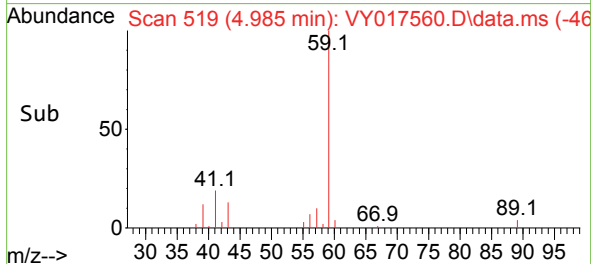
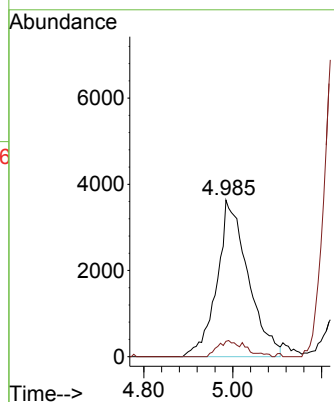
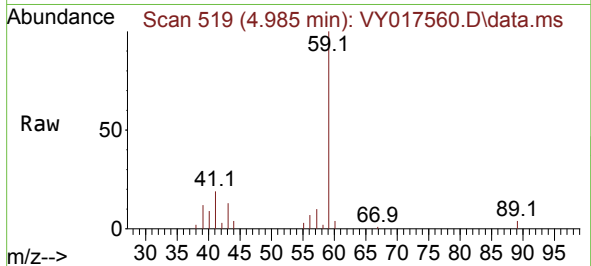




#11
Tert butyl alcohol
Concen: 163.636 ug/l
RT: 4.985 min Scan# 514
Delta R.T. 0.031 min
Lab File: VY017560.D
Acq: 01 Mar 2024 18:58

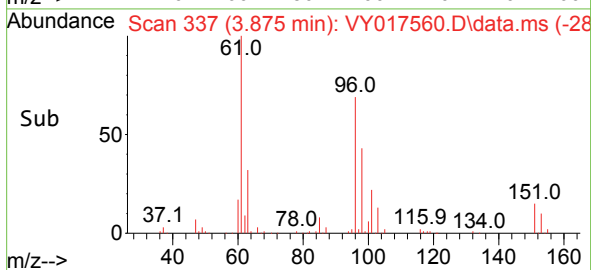
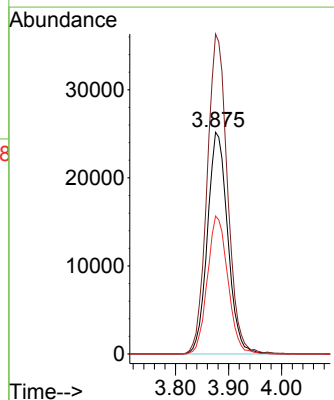
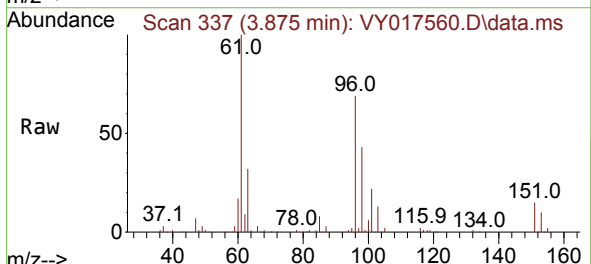
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

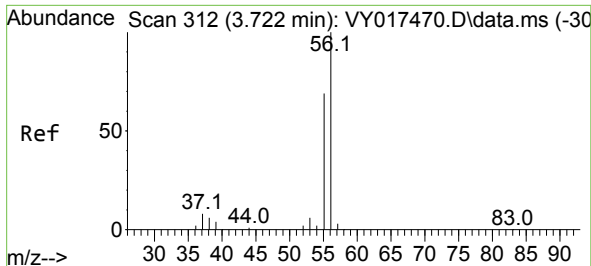
Tgt Ion: 59 Resp: 17583
Ion Ratio Lower Upper
59 100
57 6.4 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 53.205 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.012 min
Lab File: VY017560.D
Acq: 01 Mar 2024 18:58

Tgt Ion: 96 Resp: 67085
Ion Ratio Lower Upper
96 100
61 144.3 114.6 171.8
98 62.2 50.8 76.2





#13

Acrolein

Concen: 240.198 ug/l

RT: 3.741 min Scan# 312

Delta R.T. 0.019 min

Lab File: VY017560.D

Acq: 01 Mar 2024 18:58

Instrument :

MSVOA_Y

ClientSampleId :

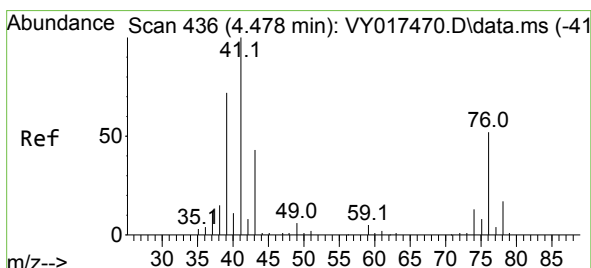
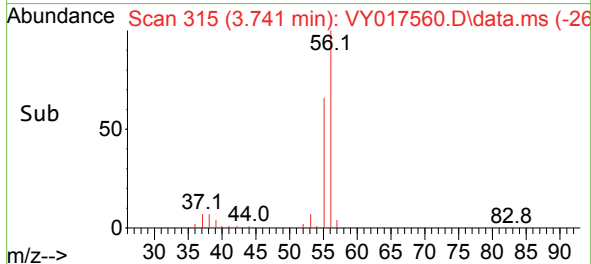
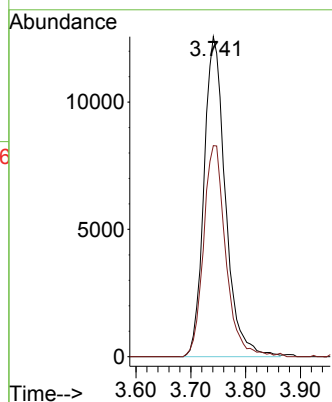
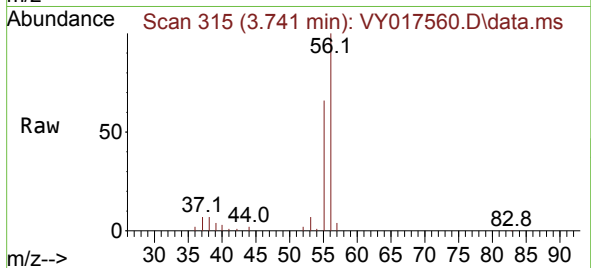
VSTDCCC050EC

Tgt Ion: 56 Resp: 34055

Ion Ratio Lower Upper

56 100

55 68.3 55.7 83.5



#14

Allyl chloride

Concen: 53.844 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.012 min

Lab File: VY017560.D

Acq: 01 Mar 2024 18:58

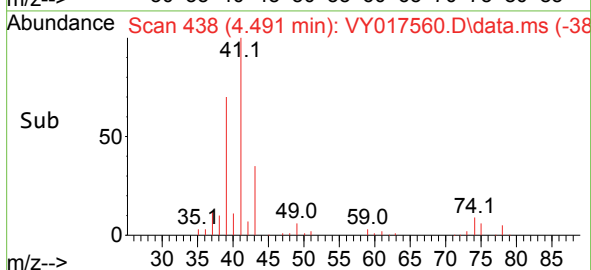
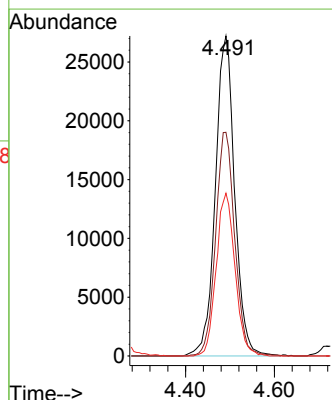
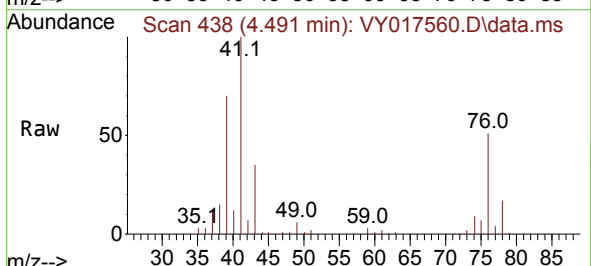
Tgt Ion: 41 Resp: 82032

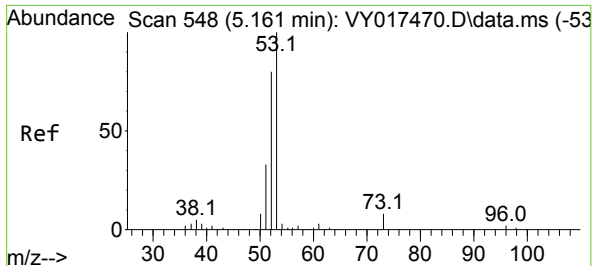
Ion Ratio Lower Upper

41 100

39 69.4 58.3 87.5

76 49.6 39.0 58.6





#15

Acrylonitrile

Concen: 231.368 ug/l

RT: 5.180 min Scan# 51

Delta R.T. 0.019 min

Lab File: VY017560.D

Acq: 01 Mar 2024 18:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

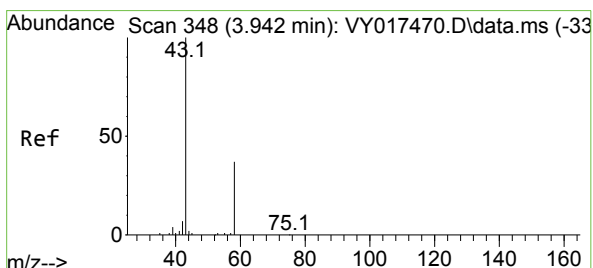
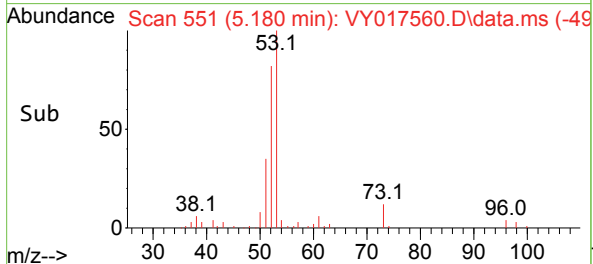
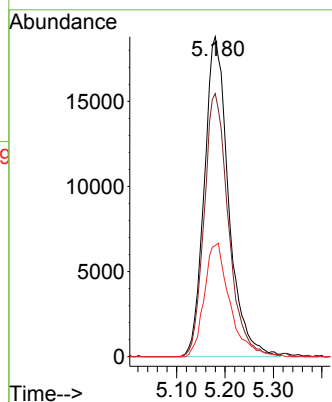
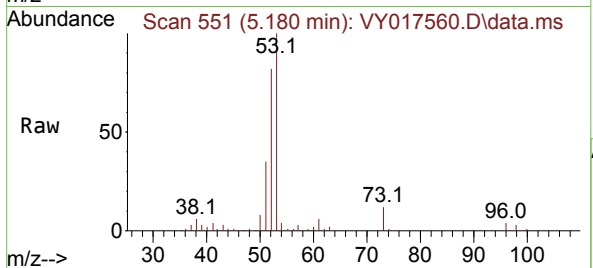
Tgt Ion: 53 Resp: 65616

Ion Ratio Lower Upper

53 100

52 82.3 64.7 97.1

51 37.2 28.4 42.6



#16

Acetone

Concen: 210.284 ug/l

RT: 3.967 min Scan# 352

Delta R.T. 0.025 min

Lab File: VY017560.D

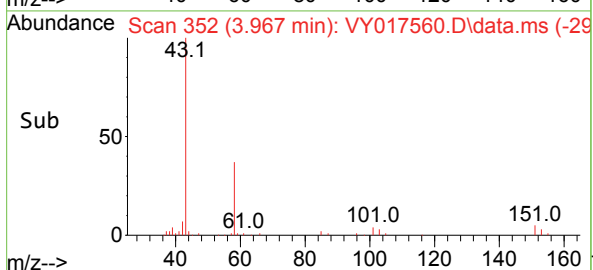
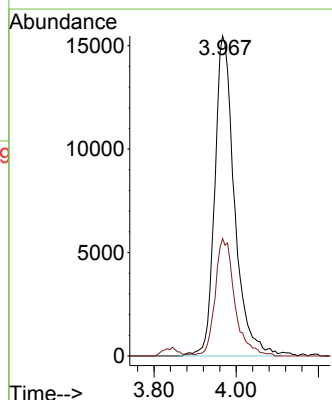
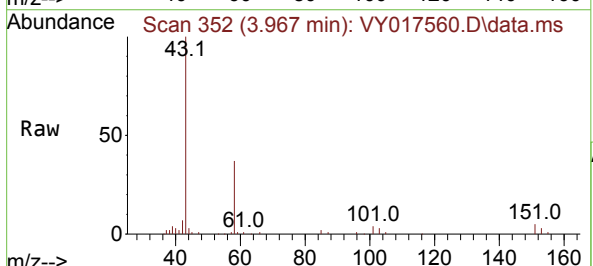
Acq: 01 Mar 2024 18:58

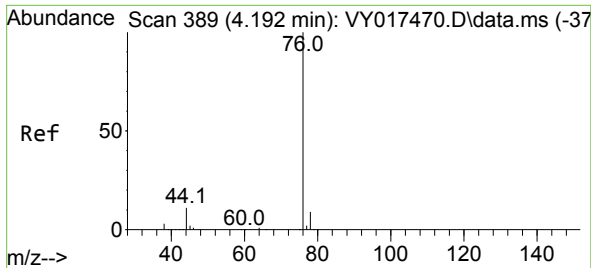
Tgt Ion: 43 Resp: 51594

Ion Ratio Lower Upper

43 100

58 36.7 31.7 47.5

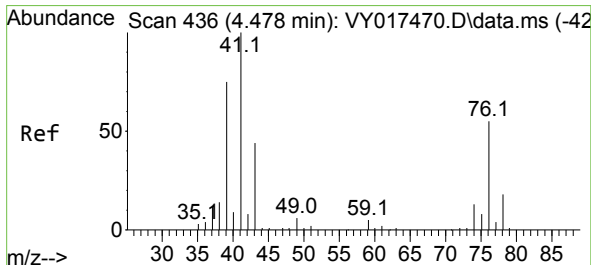
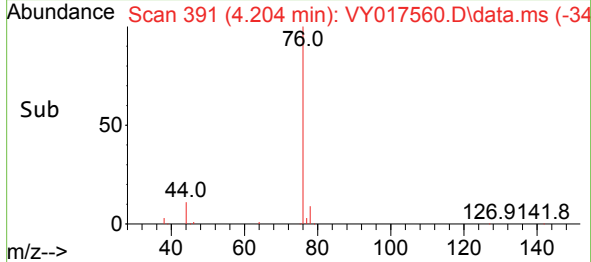
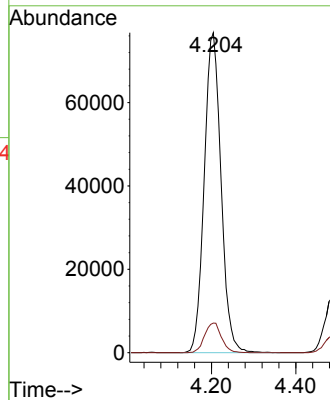
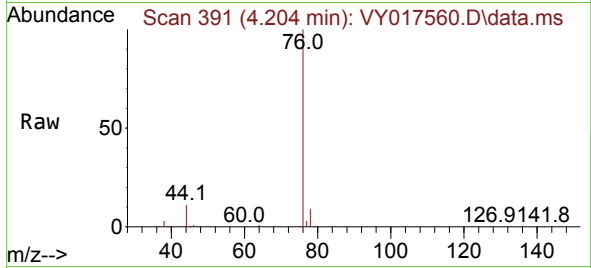




#17
Carbon Disulfide
Concen: 56.134 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY017560.D
Acq: 01 Mar 2024 18:58

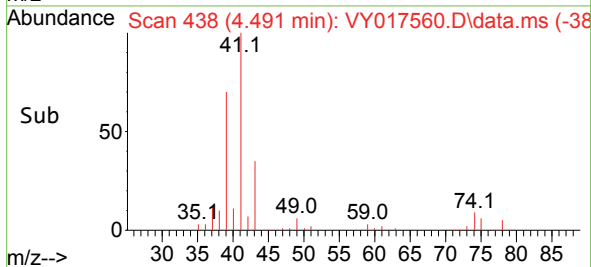
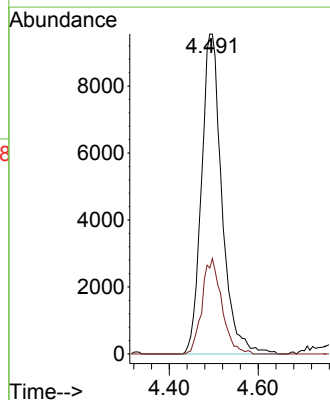
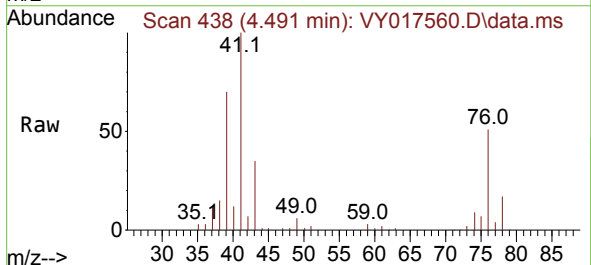
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 212445
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2



#18
Methyl Acetate
Concen: 51.345 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY017560.D
Acq: 01 Mar 2024 18:58

Tgt Ion: 43 Resp: 30563
Ion Ratio Lower Upper
43 100
74 28.8 23.3 34.9

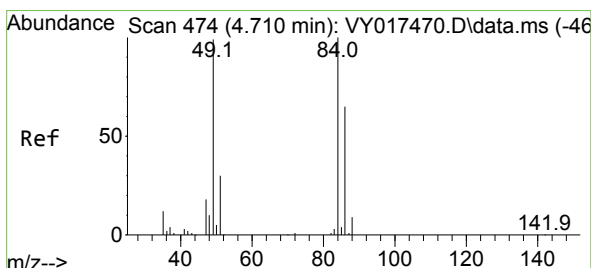
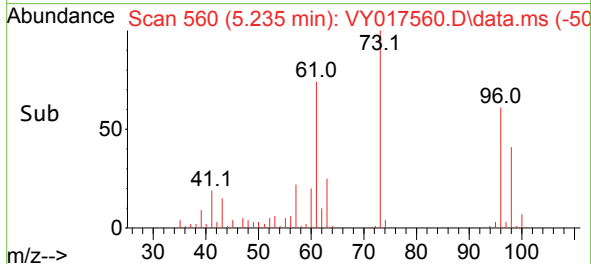
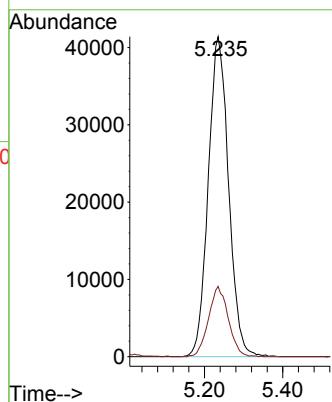
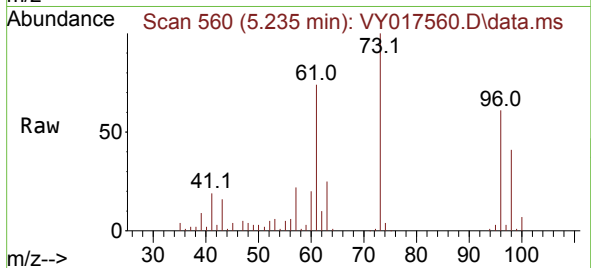




#19
Methyl tert-butyl Ether
Concen: 50.684 ug/l
RT: 5.235 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY017560.D
Acq: 01 Mar 2024 18:58

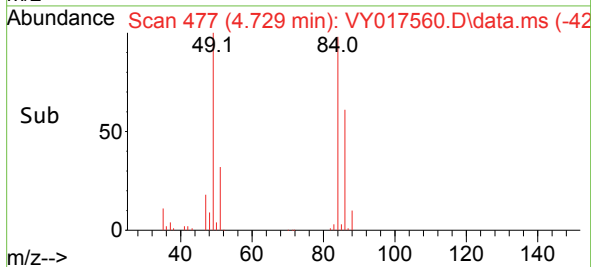
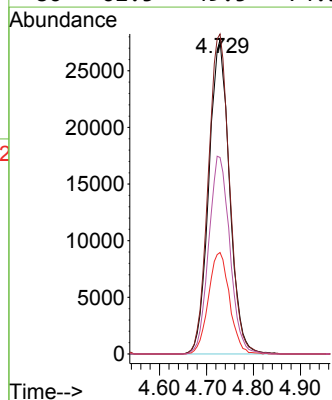
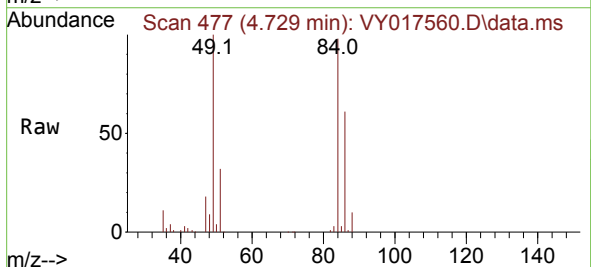
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

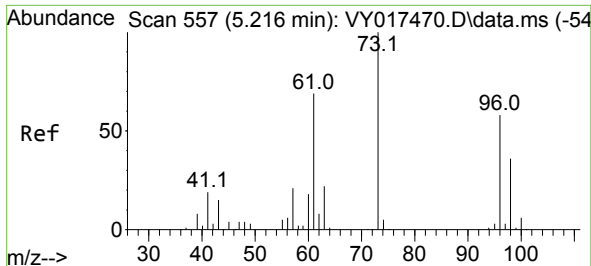
Tgt Ion: 73 Resp: 148953
Ion Ratio Lower Upper
73 100
57 21.9 17.3 25.9



#20
Methylene Chloride
Concen: 59.762 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.019 min
Lab File: VY017560.D
Acq: 01 Mar 2024 18:58

Tgt Ion: 84 Resp: 84606
Ion Ratio Lower Upper
84 100
49 101.8 84.4 126.6
51 32.3 26.0 39.0
86 62.5 49.5 74.3

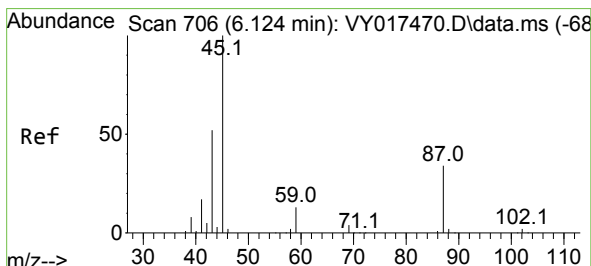
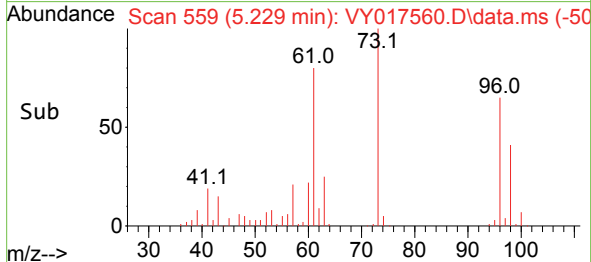
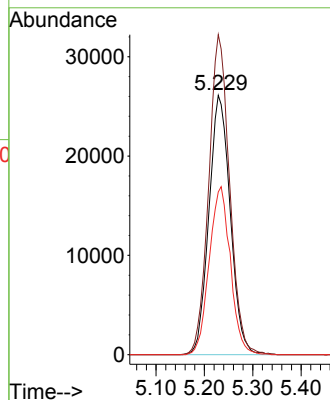
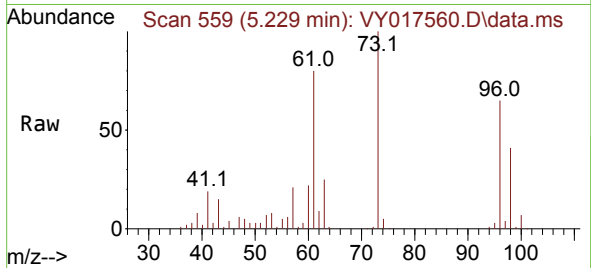




#21
trans-1,2-Dichloroethene
Concen: 54.246 ug/l
RT: 5.229 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY017560.D
Acq: 01 Mar 2024 18:58

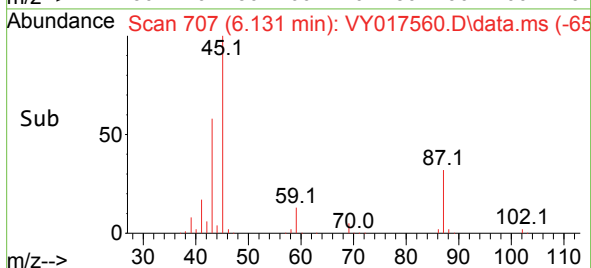
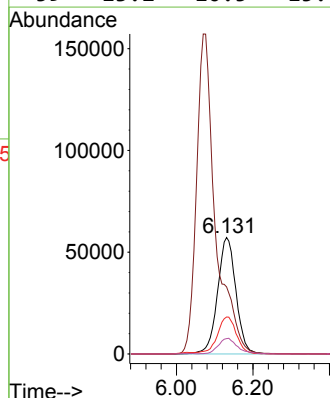
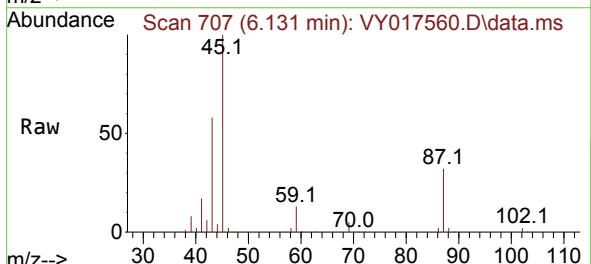
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

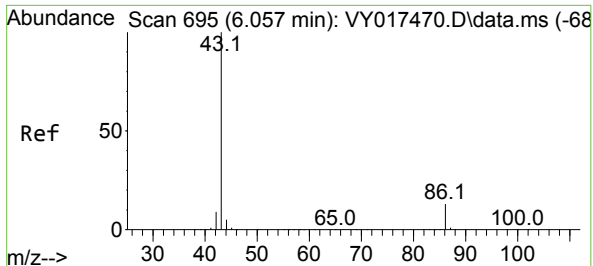
Tgt Ion: 96 Resp: 80084
Ion Ratio Lower Upper
96 100
61 123.4 97.5 146.3
98 62.7 50.5 75.7



#22
Diisopropyl ether
Concen: 54.353 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY017560.D
Acq: 01 Mar 2024 18:58

Tgt Ion: 45 Resp: 191085
Ion Ratio Lower Upper
45 100
43 57.3 42.2 63.2
87 31.7 25.0 37.6
59 13.2 10.5 15.7





#23

Vinyl Acetate

Concen: 257.716 ug/l

RT: 6.070 min Scan# 695

Delta R.T. 0.012 min

Lab File: VY017560.D

Acq: 01 Mar 2024 18:58

Instrument :

MSVOA_Y

ClientSampleId :

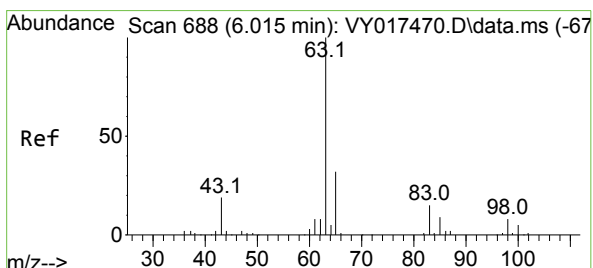
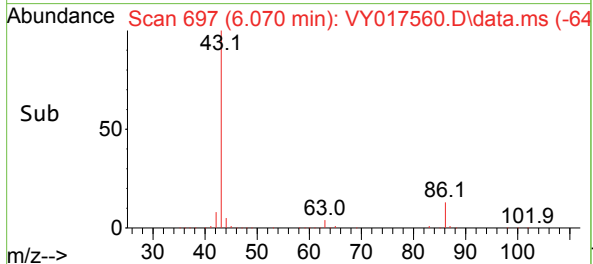
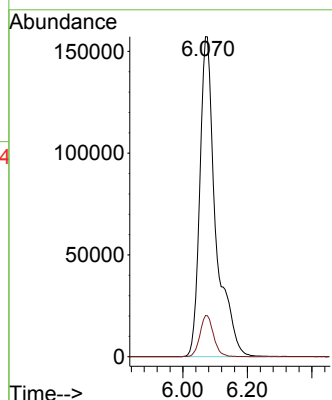
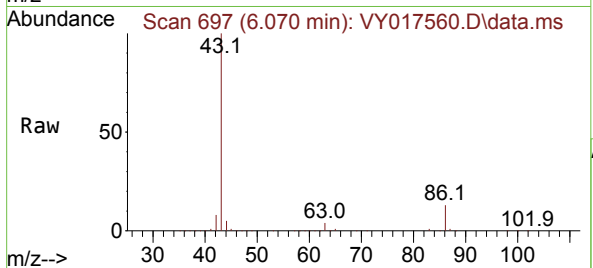
VSTDCCC050EC

Tgt Ion: 43 Resp: 539899

Ion Ratio Lower Upper

43 100

86 12.8 10.6 16.0



#24

1,1-Dichloroethane

Concen: 54.002 ug/l

RT: 6.027 min Scan# 690

Delta R.T. 0.012 min

Lab File: VY017560.D

Acq: 01 Mar 2024 18:58

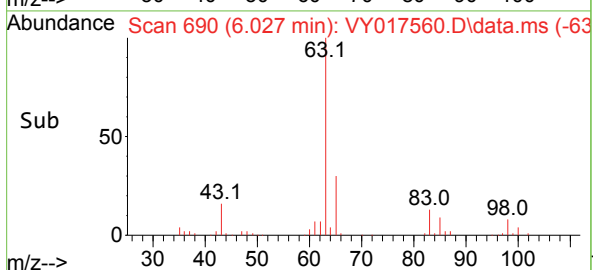
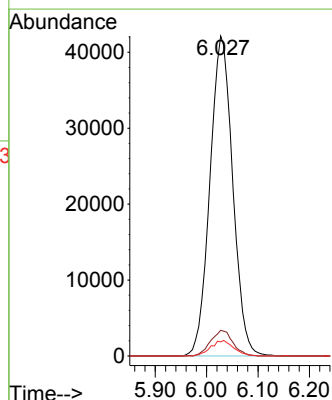
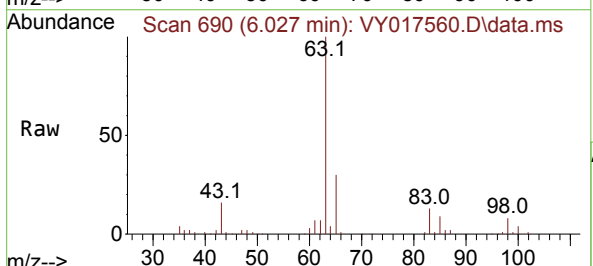
Tgt Ion: 63 Resp: 129704

Ion Ratio Lower Upper

63 100

98 8.0 4.0 12.2

100 4.4 2.6 8.0





#25

2-Butanone

Concen: 228.061 ug/l

RT: 7.003 min Scan# 81

Delta R.T. 0.019 min

Lab File: VY017560.D

Acq: 01 Mar 2024 18:58

Instrument :

MSVOA_Y

ClientSampleId :

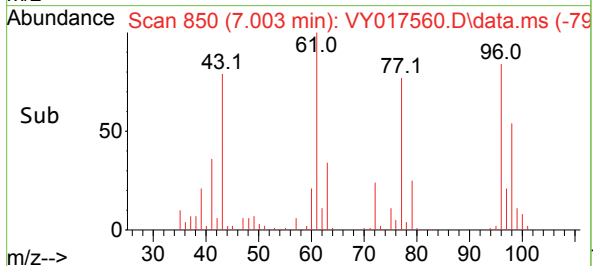
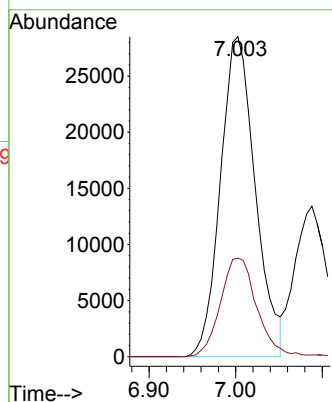
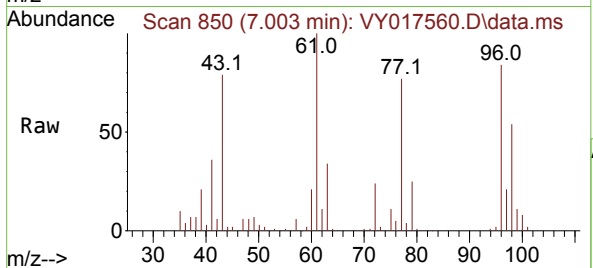
VSTDCCC050EC

Tgt Ion: 43 Resp: 79744

Ion Ratio Lower Upper

43 100

72 30.8 27.3 40.9



#26

2,2-Dichloropropane

Concen: 48.944 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.012 min

Lab File: VY017560.D

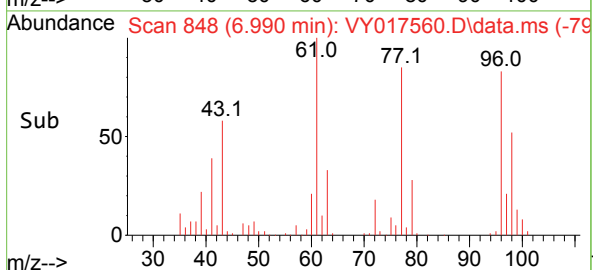
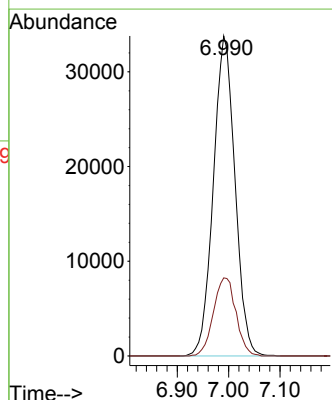
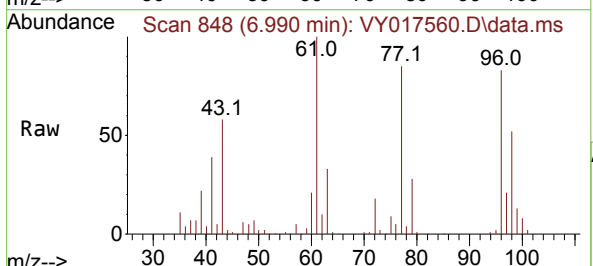
Acq: 01 Mar 2024 18:58

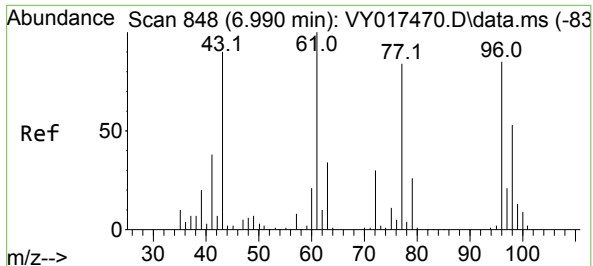
Tgt Ion: 77 Resp: 98837

Ion Ratio Lower Upper

77 100

97 25.4 12.0 36.1

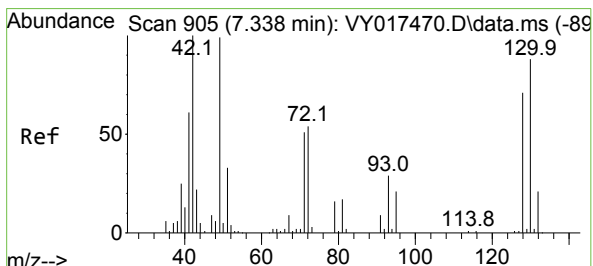
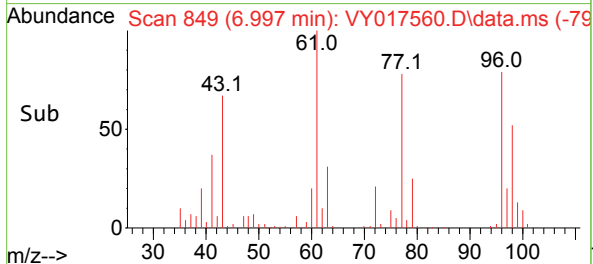
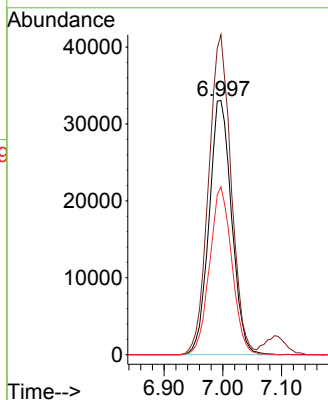
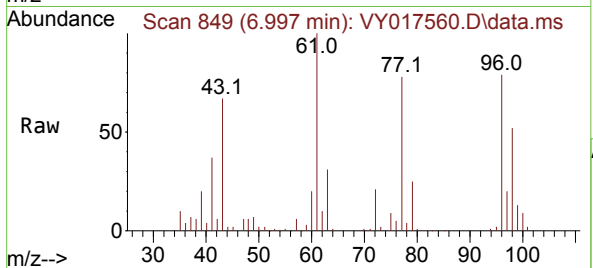




#27
 cis-1,2-Dichloroethene
 Concen: 53.191 ug/l
 RT: 6.997 min Scan# 849
 Delta R.T. 0.006 min
 Lab File: VY017560.D
 Acq: 01 Mar 2024 18:58

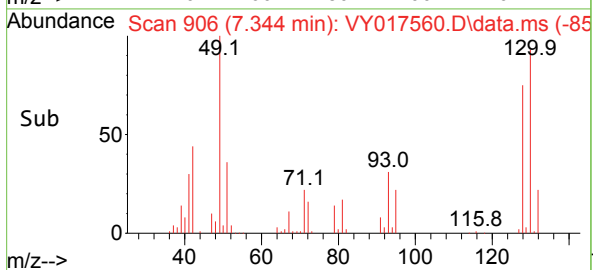
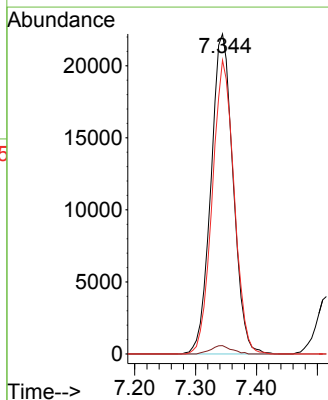
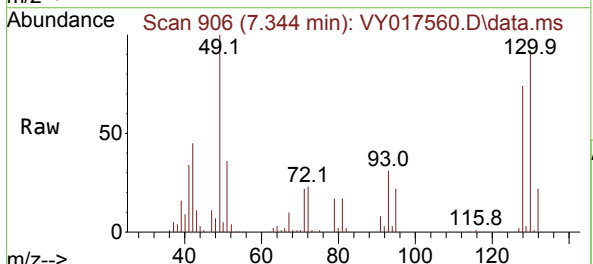
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96	Resp: 88168
Ion Ratio	Lower Upper
96 100	
61 125.8	0.0 256.2
98 65.1	0.0 130.0



#28
 Bromochloromethane
 Concen: 59.313 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. 0.006 min
 Lab File: VY017560.D
 Acq: 01 Mar 2024 18:58

Tgt Ion: 49	Resp: 56106
Ion Ratio	Lower Upper
49 100	
129 2.5	0.0 4.6
130 90.2	72.7 109.1





#29

Tetrahydrofuran

Concen: 234.137 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.012 min

Lab File: VY017560.D

Acq: 01 Mar 2024 18:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

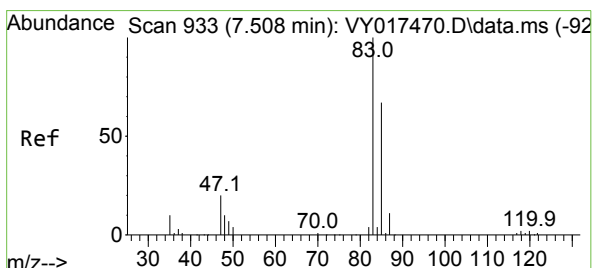
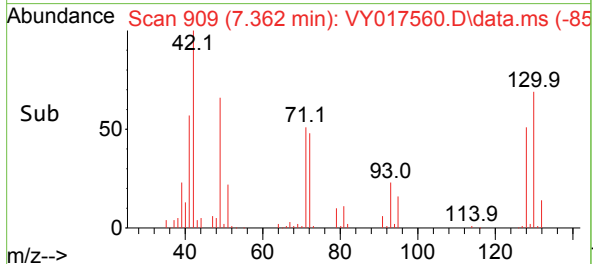
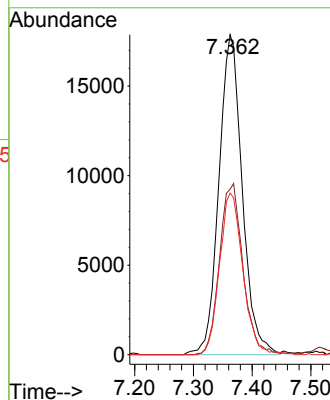
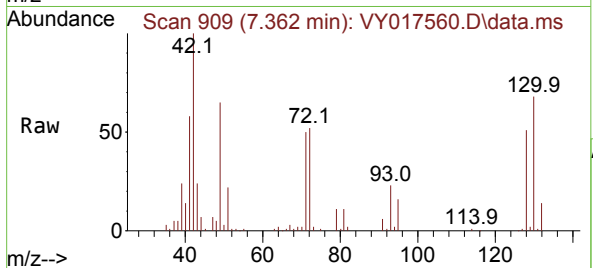
Tgt Ion: 42 Resp: 49351

Ion Ratio Lower Upper

42 100

72 53.6 43.0 64.4

71 50.5 40.8 61.2



#30

Chloroform

Concen: 53.214 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.006 min

Lab File: VY017560.D

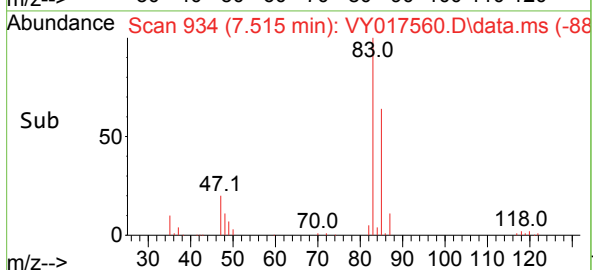
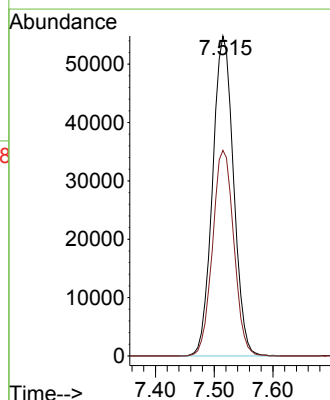
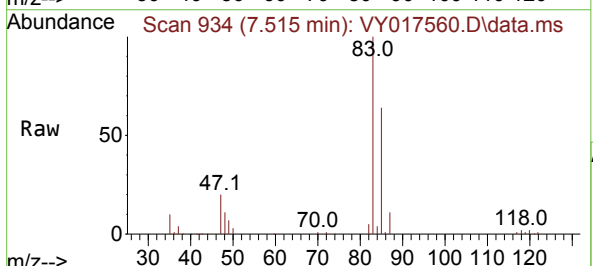
Acq: 01 Mar 2024 18:58

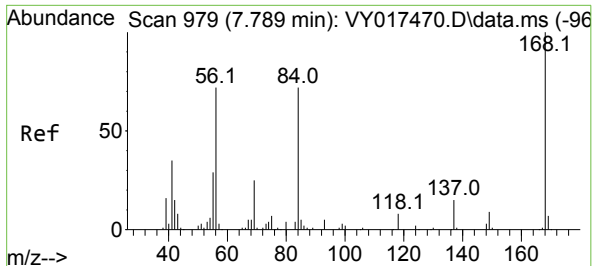
Tgt Ion: 83 Resp: 136076

Ion Ratio Lower Upper

83 100

85 64.3 52.2 78.4

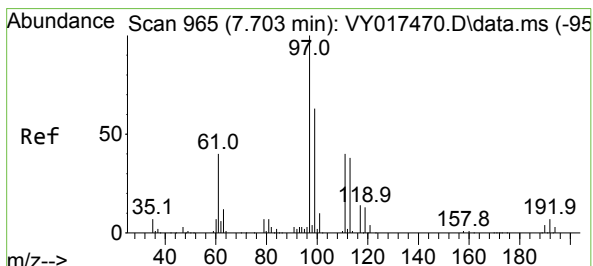
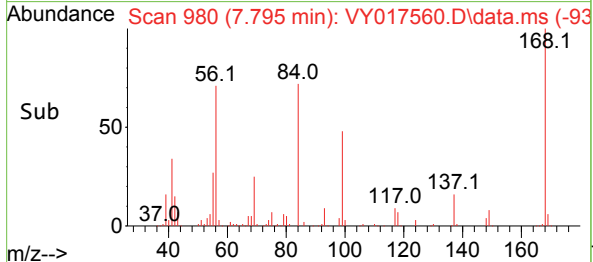
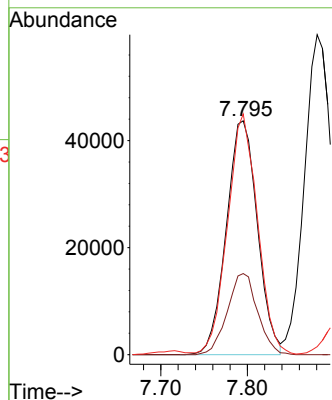
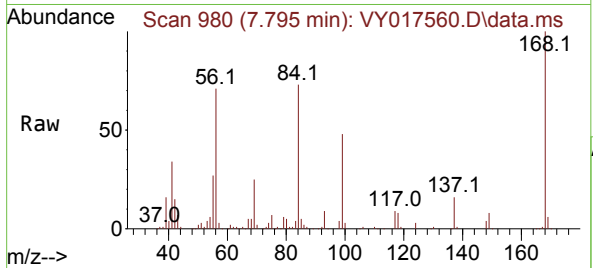




#31
Cyclohexane
Concen: 52.906 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017560.D
Acq: 01 Mar 2024 18:58

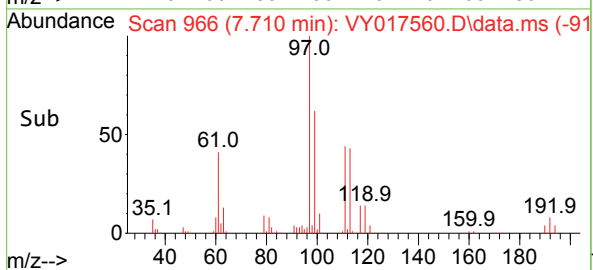
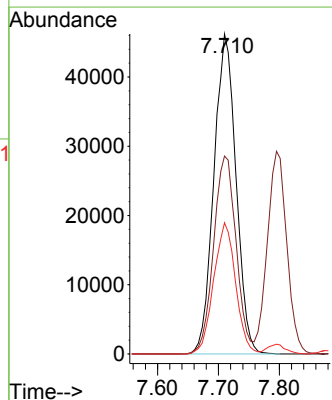
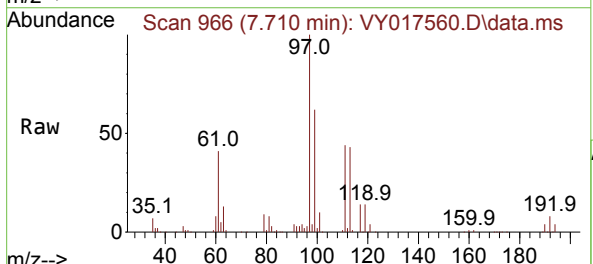
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

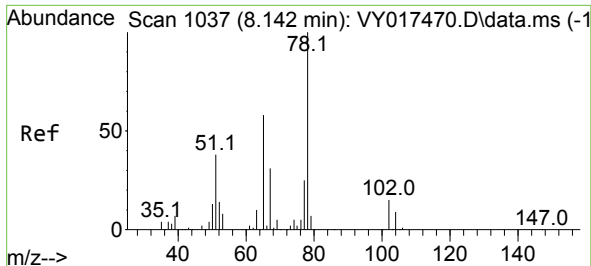
Tgt Ion: 56 Resp: 108914
Ion Ratio Lower Upper
56 100
69 34.7 28.7 43.1
84 101.6 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 52.494 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY017560.D
Acq: 01 Mar 2024 18:58

Tgt Ion: 97 Resp: 116540
Ion Ratio Lower Upper
97 100
99 63.4 50.3 75.5
61 40.7 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 53.913 ug/l

RT: 8.149 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017560.D

Acq: 01 Mar 2024 18:58

Instrument :

MSVOA_Y

ClientSampleId :

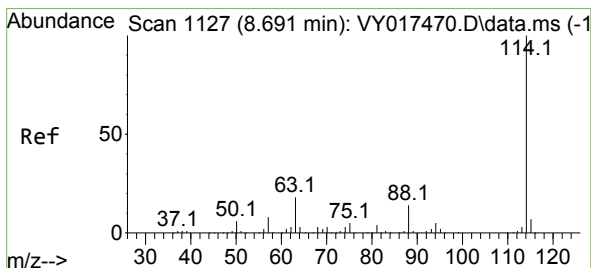
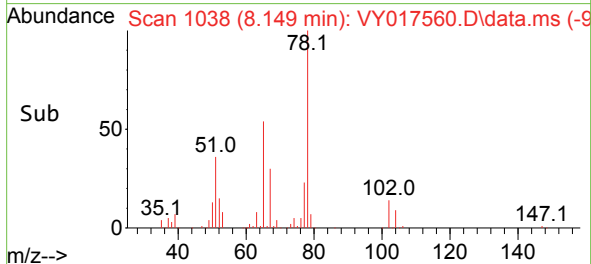
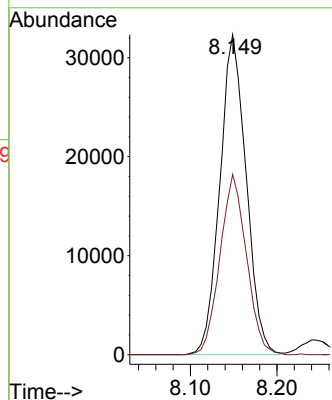
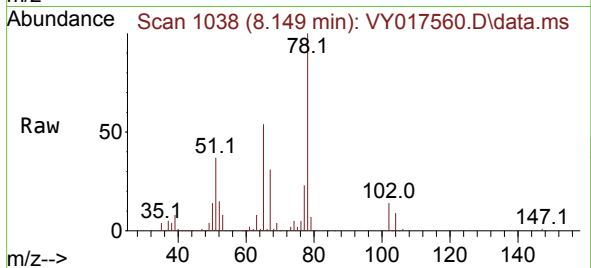
VSTDCCC050EC

Tgt Ion: 65 Resp: 68199

Ion Ratio Lower Upper

65 100

67 56.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017560.D

Acq: 01 Mar 2024 18:58

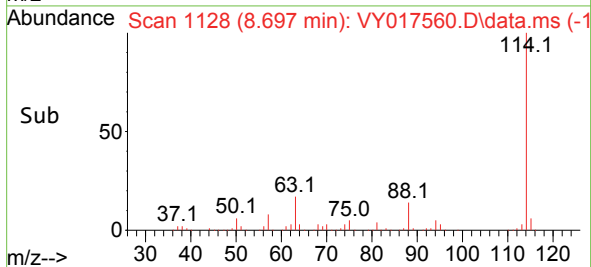
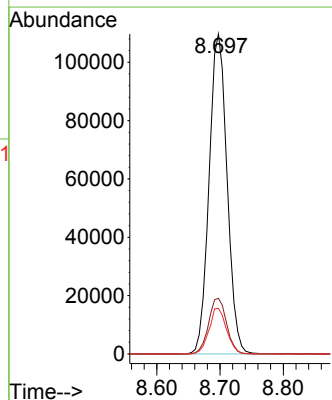
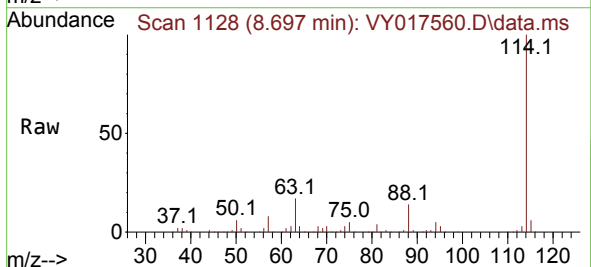
Tgt Ion: 114 Resp: 216396

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.0

88 14.3 0.0 27.2

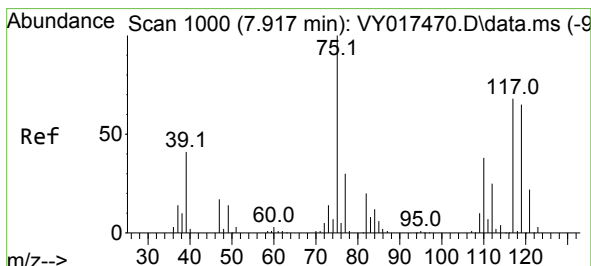
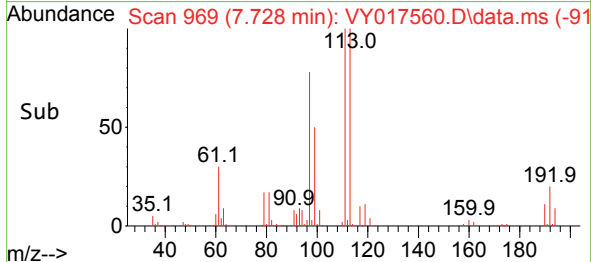
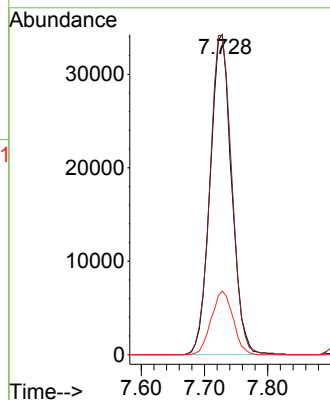
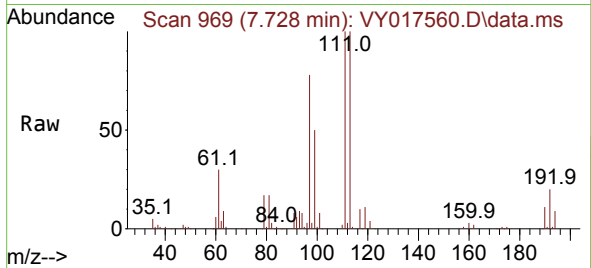




#35
Dibromofluoromethane
Concen: 53.545 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.012 min
Lab File: VY017560.D
Acq: 01 Mar 2024 18:58

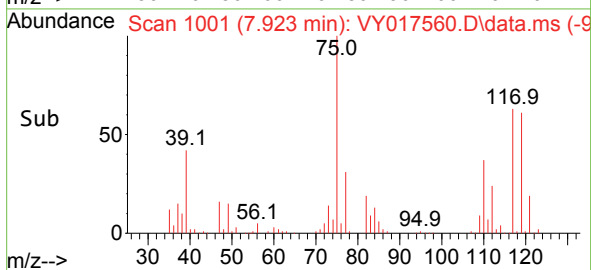
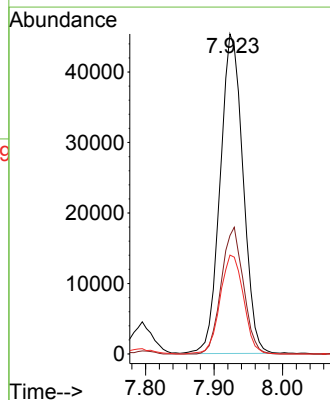
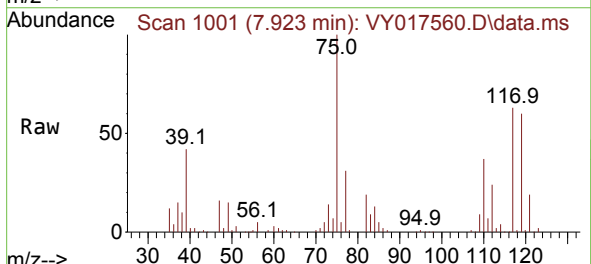
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

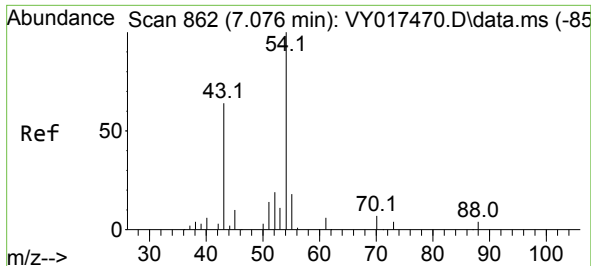
Tgt Ion:113 Resp: 80741
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 20.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 51.573 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY017560.D
Acq: 01 Mar 2024 18:58

Tgt Ion: 75 Resp: 104925
Ion Ratio Lower Upper
75 100
110 38.3 19.0 57.0
77 31.7 25.3 37.9

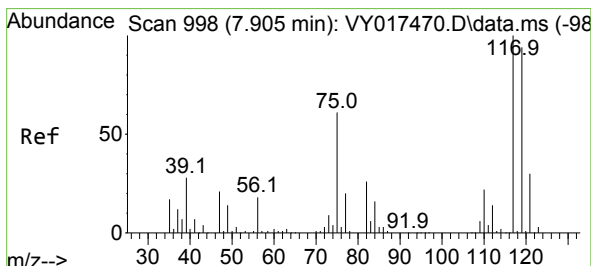
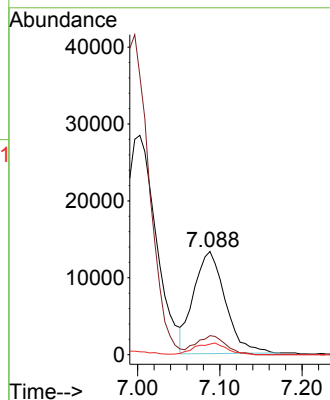
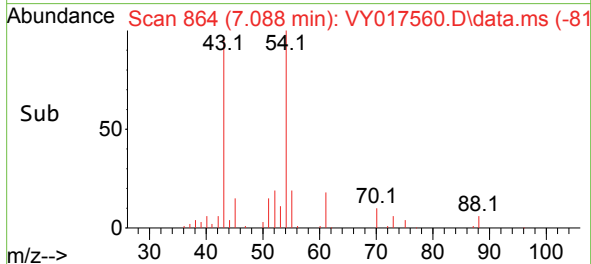
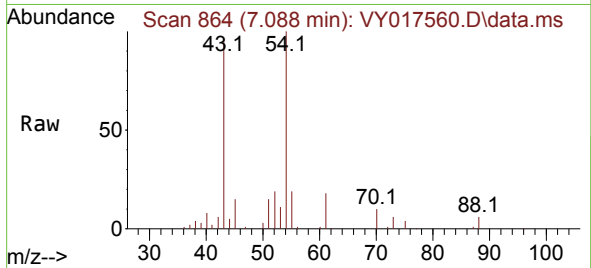




#37
Ethyl Acetate
Concen: 44.110 ug/l
RT: 7.088 min Scan# 864
Delta R.T. 0.012 min
Lab File: VY017560.D
Acq: 01 Mar 2024 18:58

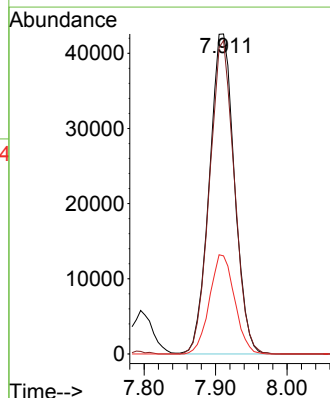
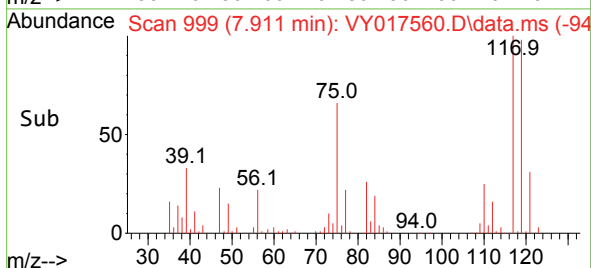
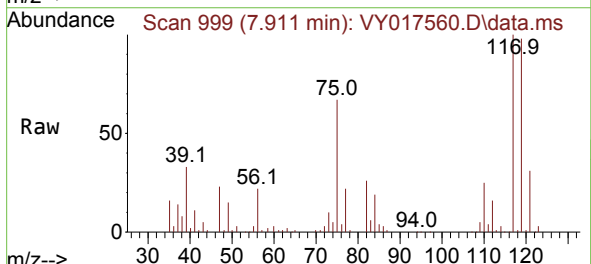
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

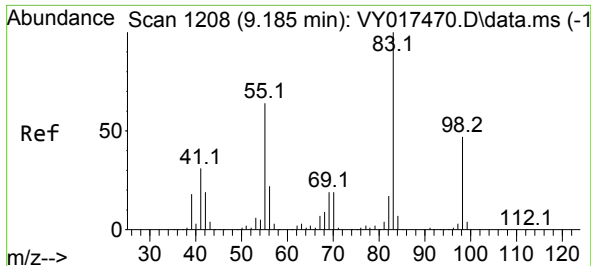
Tgt Ion: 43 Resp: 35445
Ion Ratio Lower Upper
43 100
61 17.2 12.6 19.0
70 11.5 7.8 11.8



#38
Carbon Tetrachloride
Concen: 51.008 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.006 min
Lab File: VY017560.D
Acq: 01 Mar 2024 18:58

Tgt Ion: 117 Resp: 104008
Ion Ratio Lower Upper
117 100
119 98.0 75.8 113.6
121 30.6 24.0 36.0





#39

Methylcyclohexane

Concen: 52.847 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017560.D

Acq: 01 Mar 2024 18:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

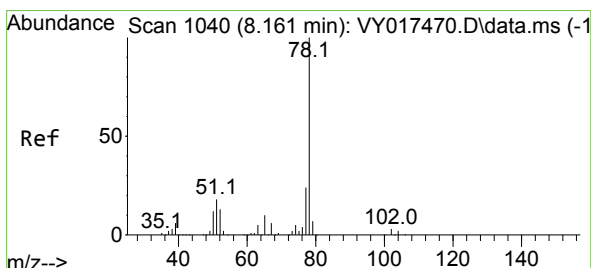
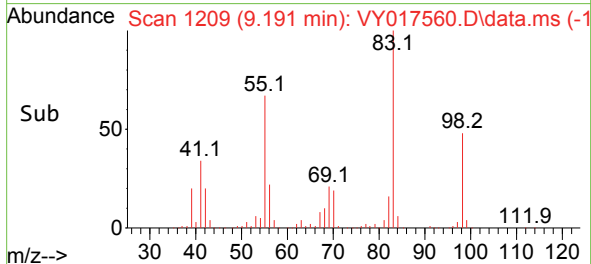
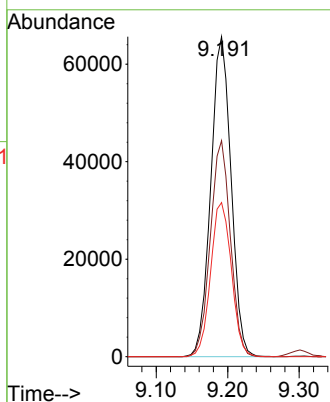
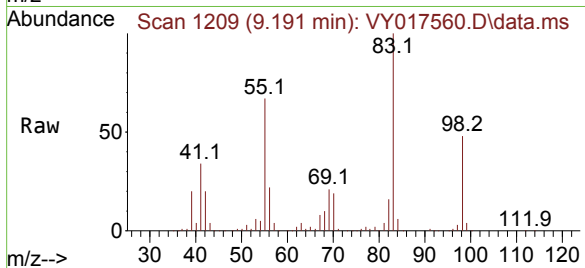
Tgt Ion: 83 Resp: 129212

Ion Ratio Lower Upper

83 100

55 67.5 51.5 77.3

98 48.1 40.5 60.7



#40

Benzene

Concen: 52.483 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY017560.D

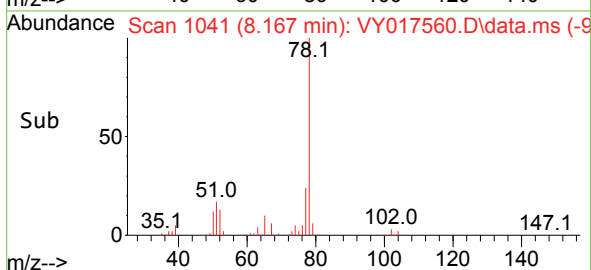
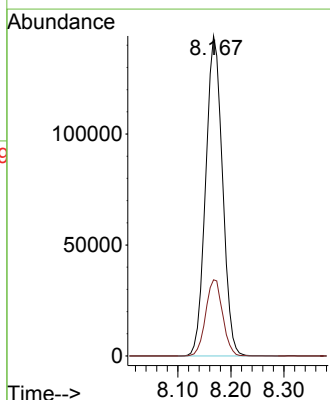
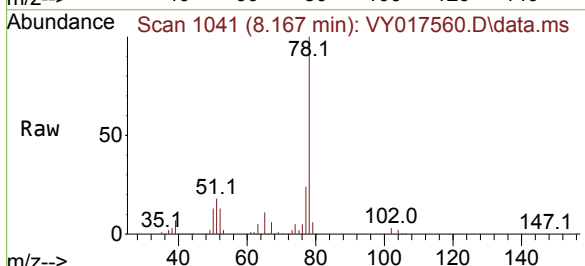
Acq: 01 Mar 2024 18:58

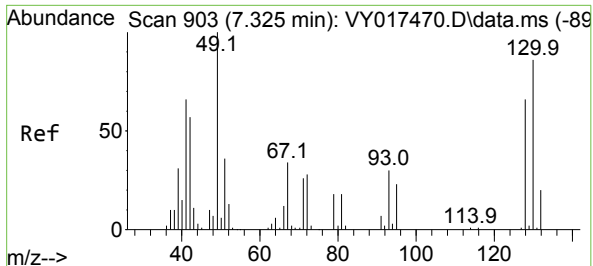
Tgt Ion: 78 Resp: 317099

Ion Ratio Lower Upper

78 100

77 23.8 19.5 29.3



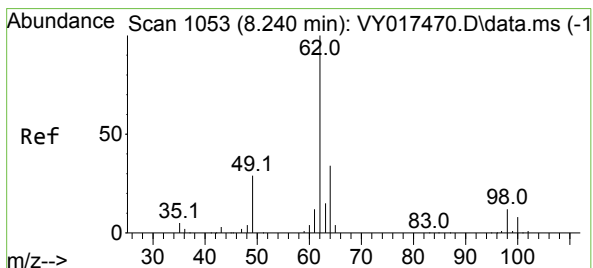
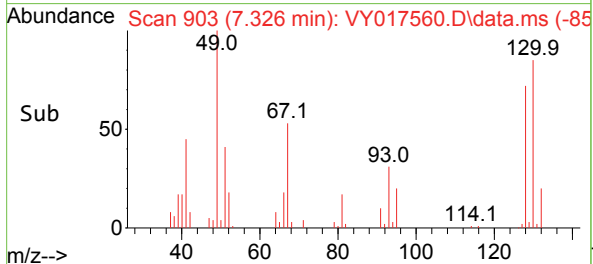
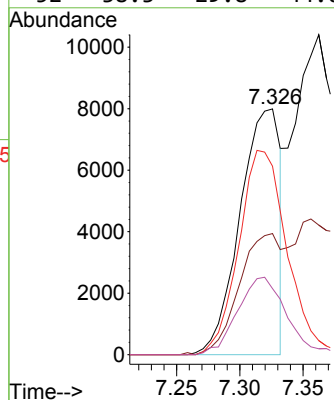
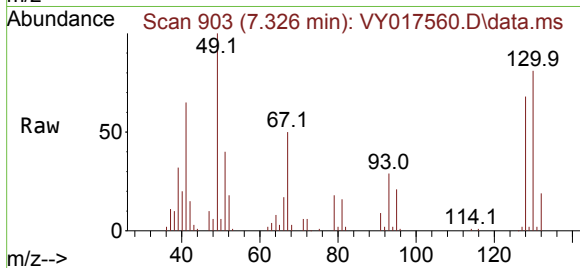


#41
Methacrylonitrile
Concen: 44.041 ug/l
RT: 7.326 min Scan# 903
Delta R.T. 0.000 min
Lab File: VY017560.D
Acq: 01 Mar 2024 18:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 17759

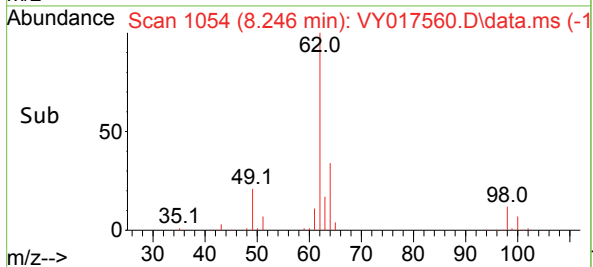
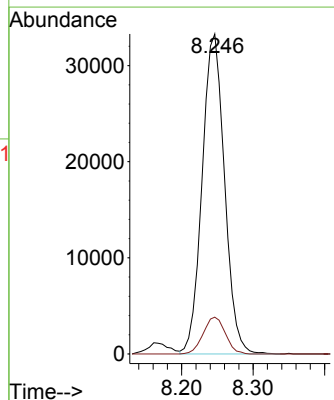
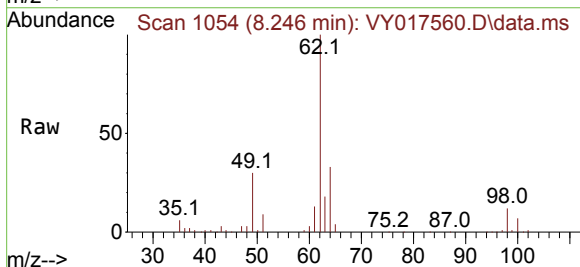
Ion	Ratio	Lower	Upper
41	100		
39	50.2	48.0	72.0
67	99.3	75.1	112.7
52	38.3	29.8	44.6

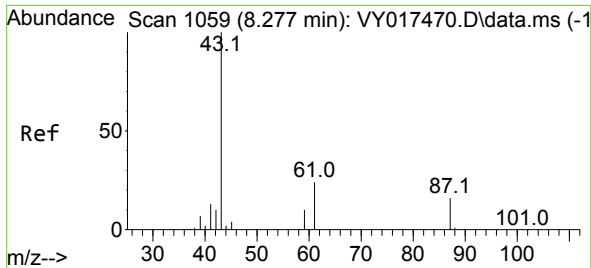


#42
1,2-Dichloroethane
Concen: 49.095 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VY017560.D
Acq: 01 Mar 2024 18:58

Tgt Ion: 62 Resp: 72374

Ion	Ratio	Lower	Upper
62	100		
98	11.4	0.0	22.0

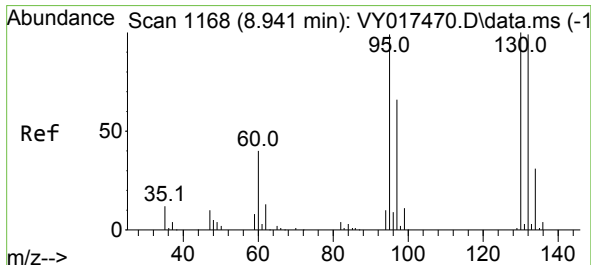
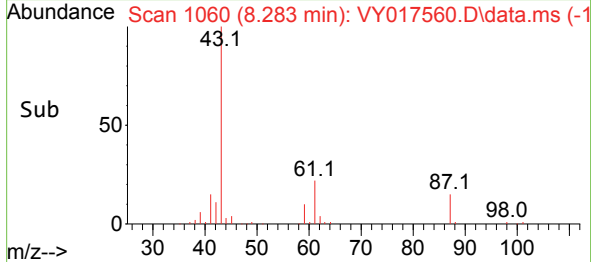
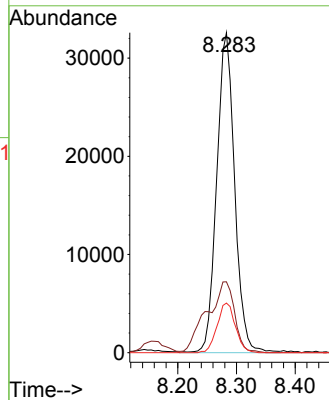
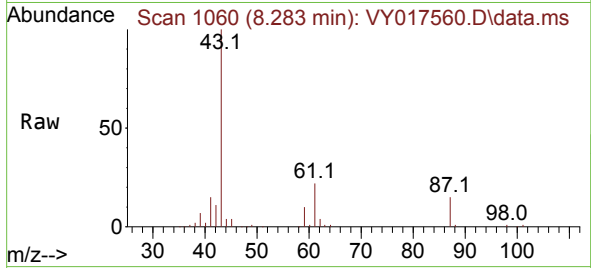




#43
Isopropyl Acetate
Concen: 48.934 ug/l
RT: 8.283 min Scan# 11060
Delta R.T. 0.006 min
Lab File: VY017560.D
Acq: 01 Mar 2024 18:58

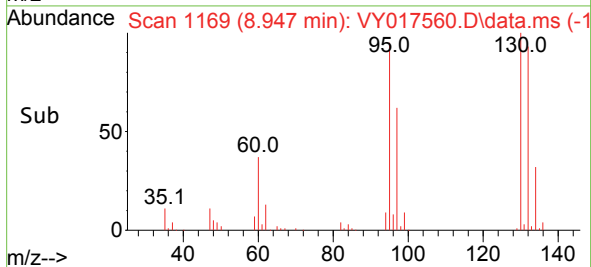
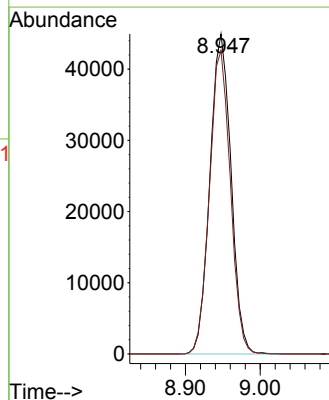
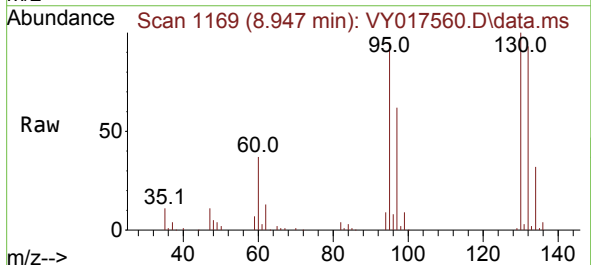
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

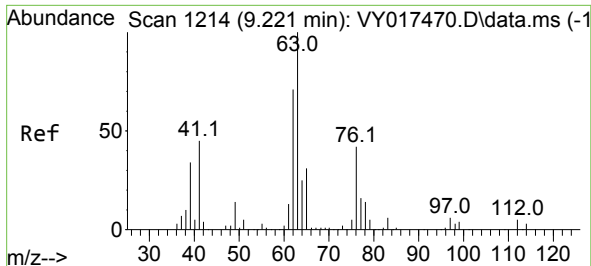
Tgt Ion: 43 Resp: 69098
Ion Ratio Lower Upper
43 100
61 34.0 27.9 41.9
87 15.7 13.1 19.7



#44
Trichloroethene
Concen: 50.556 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY017560.D
Acq: 01 Mar 2024 18:58

Tgt Ion:130 Resp: 88042
Ion Ratio Lower Upper
130 100
95 94.9 0.0 188.0

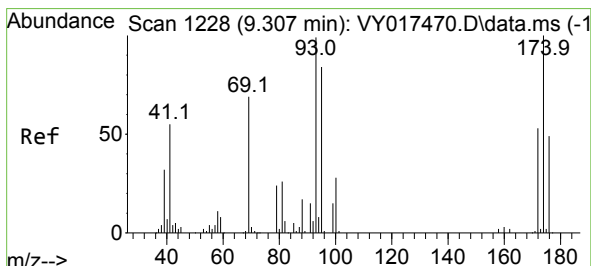
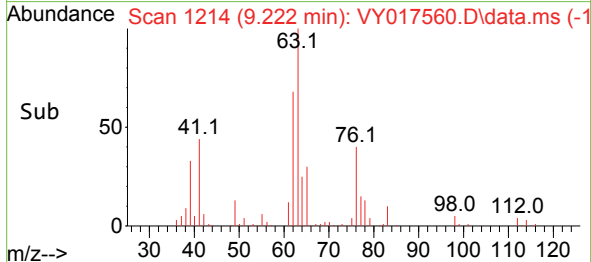
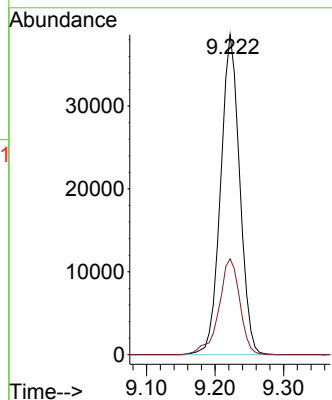
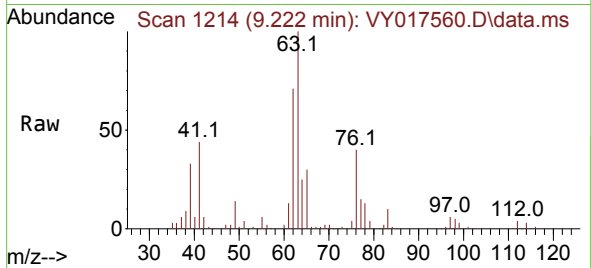




#45
1,2-Dichloropropane
Concen: 51.774 ug/l
RT: 9.222 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017560.D
Acq: 01 Mar 2024 18:58

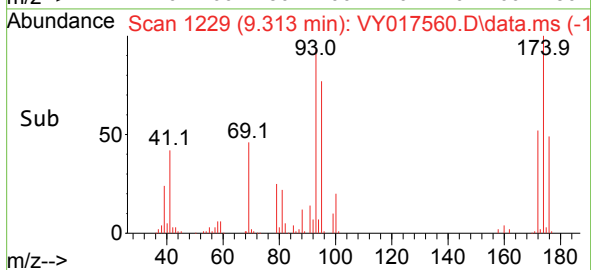
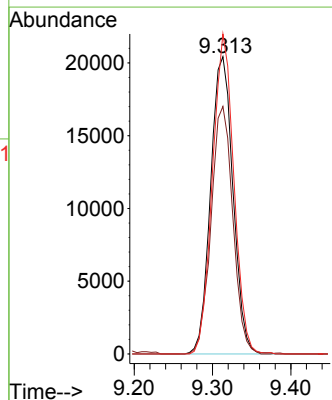
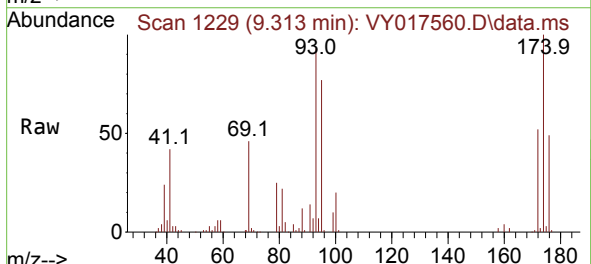
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

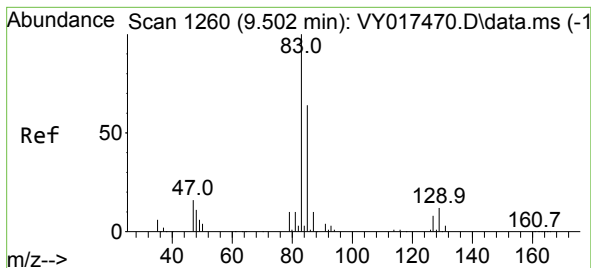
Tgt Ion: 63 Resp: 74424
Ion Ratio Lower Upper
63 100
65 30.0 25.4 38.2



#46
Dibromomethane
Concen: 49.262 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY017560.D
Acq: 01 Mar 2024 18:58

Tgt Ion: 93 Resp: 40526
Ion Ratio Lower Upper
93 100
95 81.2 66.2 99.4
174 103.0 80.9 121.3





#47

Bromodichloromethane

Concen: 50.357 ug/l

RT: 9.502 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017560.D

Acq: 01 Mar 2024 18:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

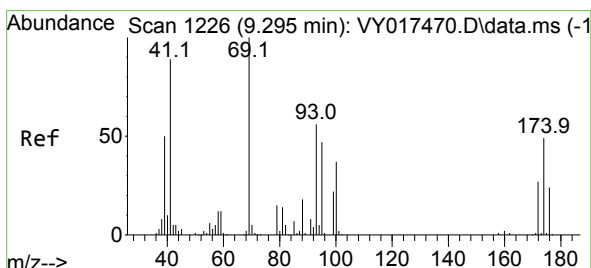
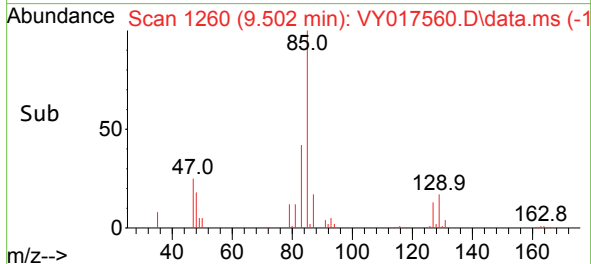
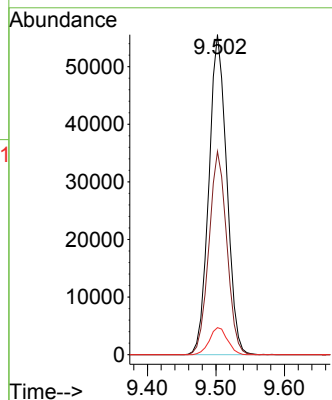
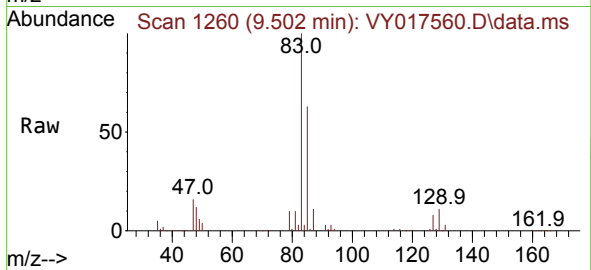
Tgt Ion: 83 Resp: 100589

Ion Ratio Lower Upper

83 100

85 63.5 50.1 75.1

127 8.4 7.4 11.0



#48

Methyl methacrylate

Concen: 49.934 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY017560.D

Acq: 01 Mar 2024 18:58

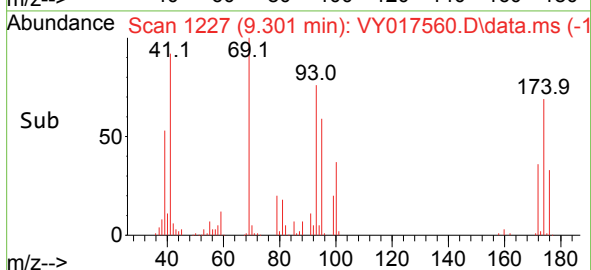
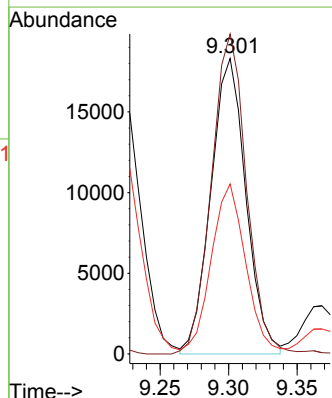
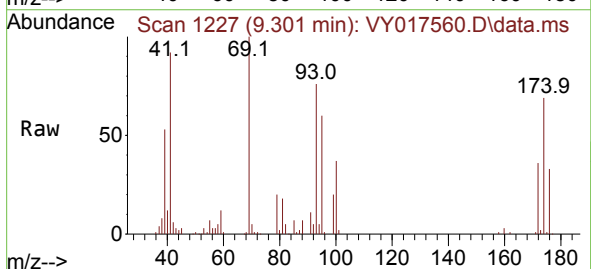
Tgt Ion: 41 Resp: 32637

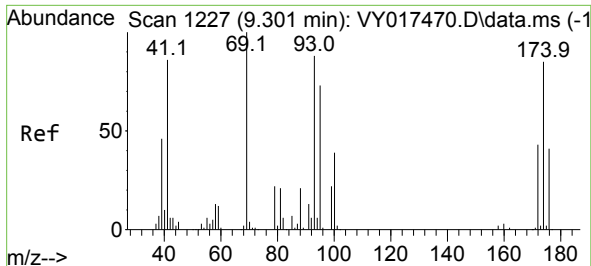
Ion Ratio Lower Upper

41 100

69 108.2 84.1 126.1

39 53.8 43.6 65.4





#49

1,4-Dioxane

Concen: 868.827 ug/l

RT: 9.325 min Scan# 1227

Delta R.T. 0.025 min

Lab File: VY017560.D

Acq: 01 Mar 2024 18:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

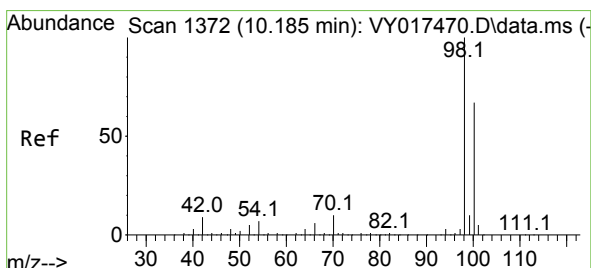
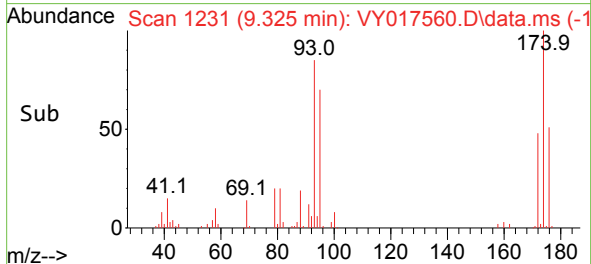
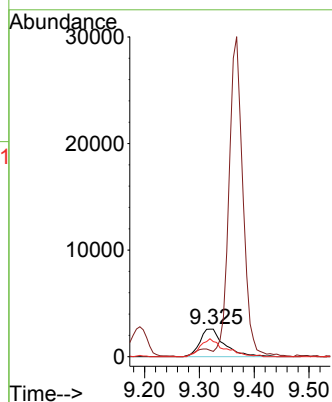
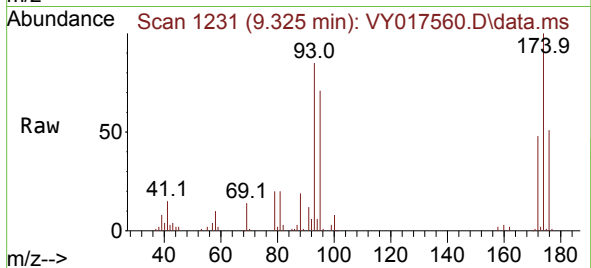
Tgt Ion: 88 Resp: 8089

Ion Ratio Lower Upper

88 100

43 19.8 0.0 0.0#

58 64.5 49.3 73.9



#50

Toluene-d8

Concen: 58.148 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017560.D

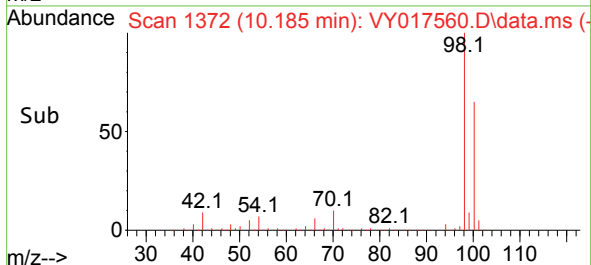
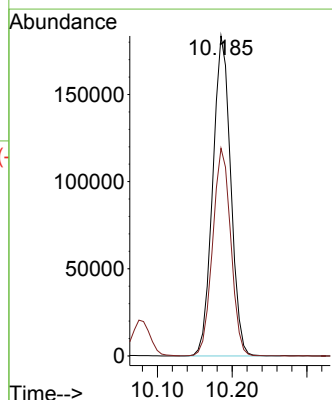
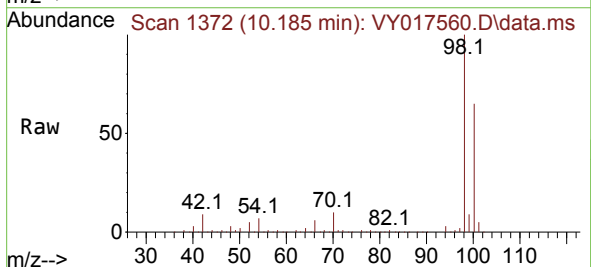
Acq: 01 Mar 2024 18:58

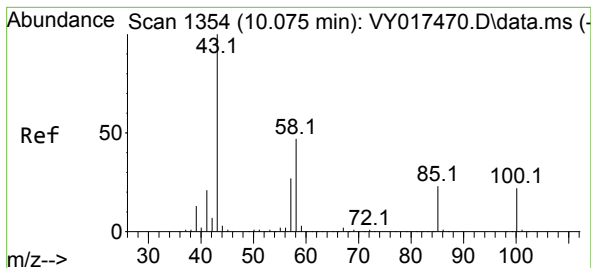
Tgt Ion: 98 Resp: 306568

Ion Ratio Lower Upper

98 100

100 65.5 52.0 78.0

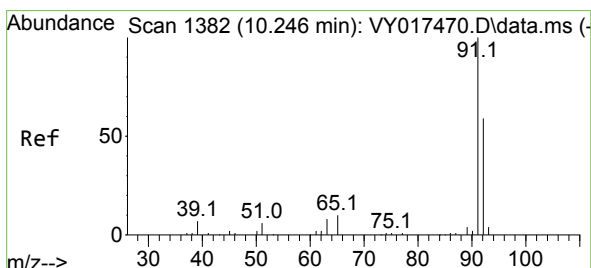
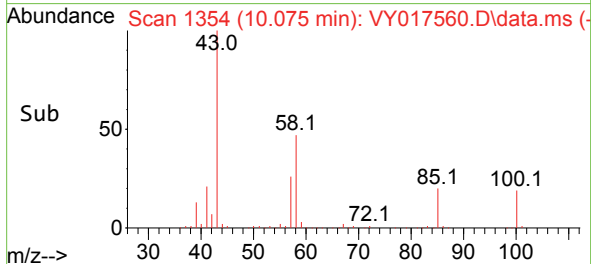
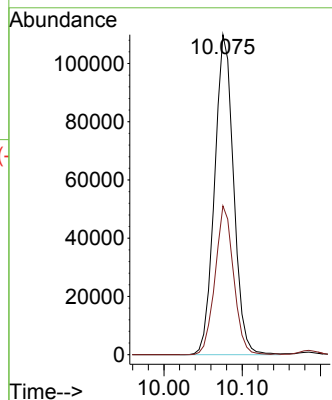
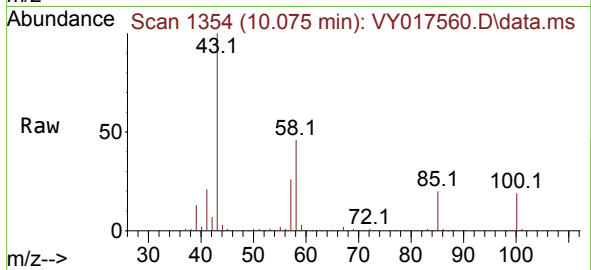




#51
4-Methyl-2-Pentanone
Concen: 235.621 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY017560.D
Acq: 01 Mar 2024 18:58

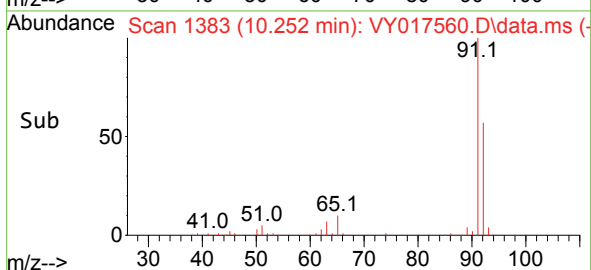
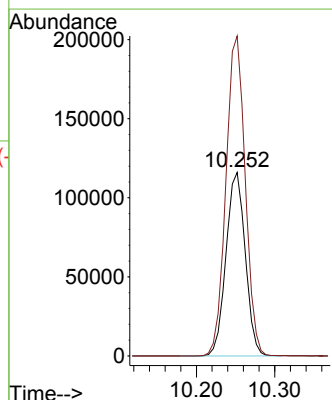
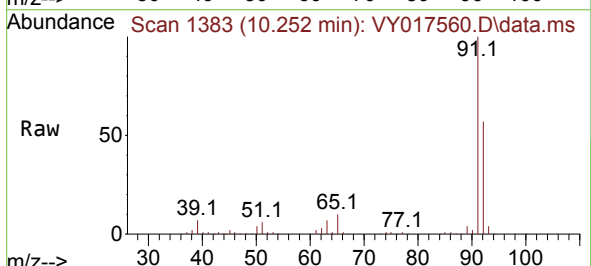
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

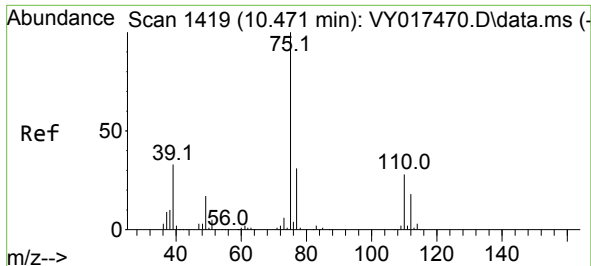
Tgt Ion: 43 Resp: 185429
Ion Ratio Lower Upper
43 100
58 45.3 35.7 53.5



#52
Toluene
Concen: 52.026 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY017560.D
Acq: 01 Mar 2024 18:58

Tgt Ion: 92 Resp: 198164
Ion Ratio Lower Upper
92 100
91 175.0 139.0 208.6

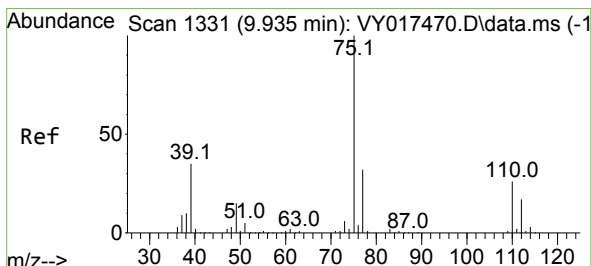
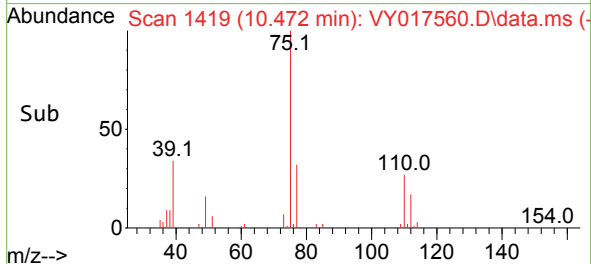
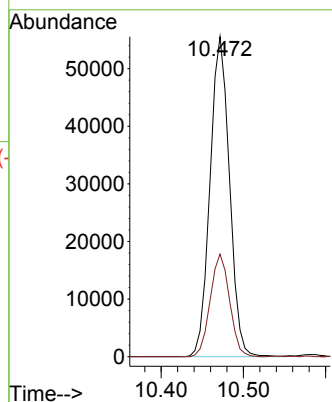
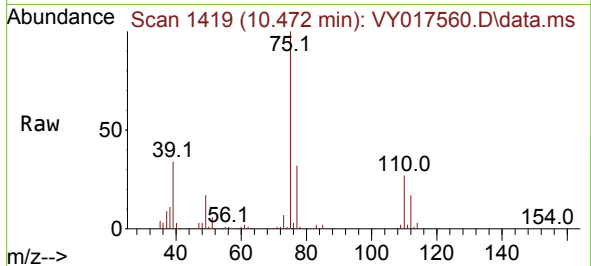




#53
 t-1,3-Dichloropropene
 Concen: 49.263 ug/l
 RT: 10.472 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY017560.D
 Acq: 01 Mar 2024 18:58

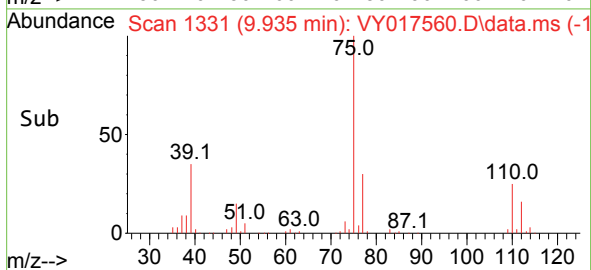
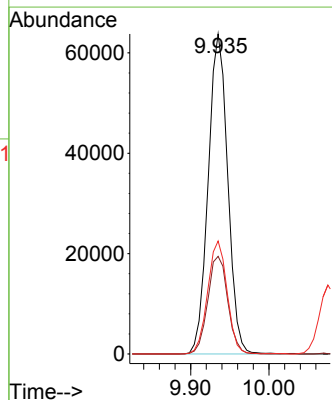
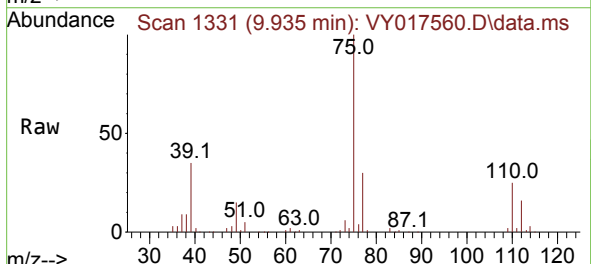
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

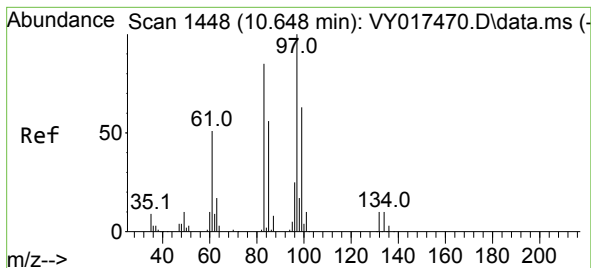
Tgt Ion: 75 Resp: 91336
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 48.966 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.000 min
 Lab File: VY017560.D
 Acq: 01 Mar 2024 18:58

Tgt Ion: 75 Resp: 110311
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.4 38.0
 39 35.3 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 47.480 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY017560.D

Acq: 01 Mar 2024 18:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 55458

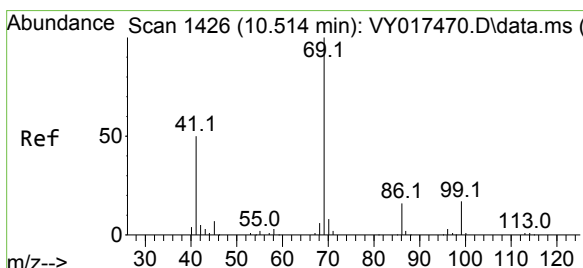
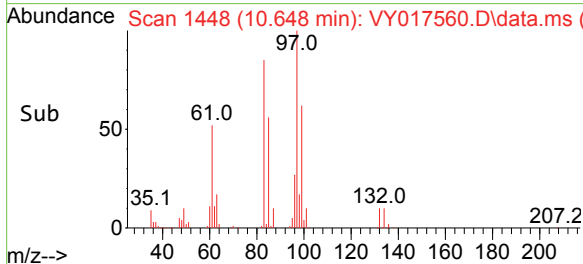
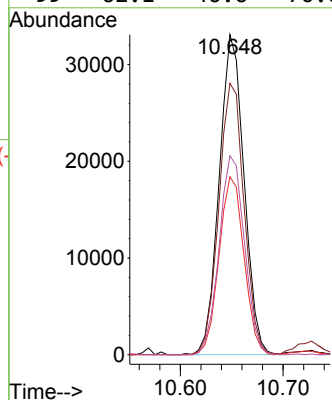
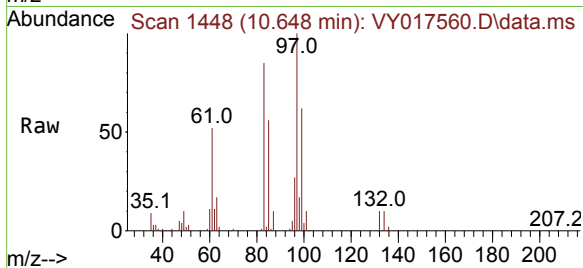
Ion Ratio Lower Upper

97 100

83 84.8 67.5 101.3

85 55.6 42.9 64.3

99 62.1 46.6 70.0



#56

Ethyl methacrylate

Concen: 45.960 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.000 min

Lab File: VY017560.D

Acq: 01 Mar 2024 18:58

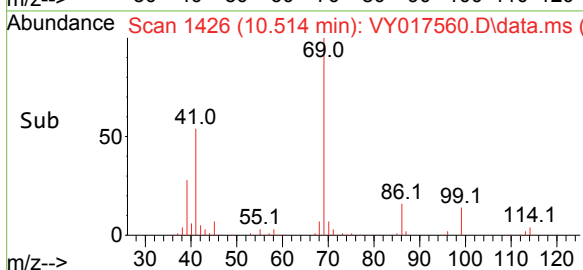
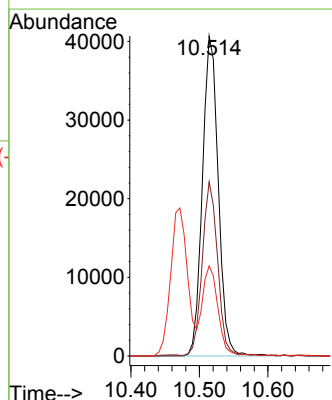
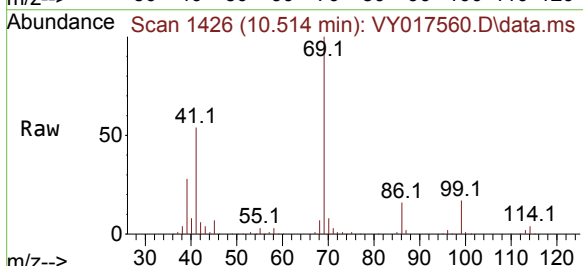
Tgt Ion: 69 Resp: 65731

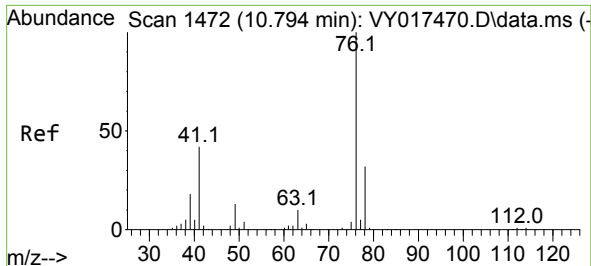
Ion Ratio Lower Upper

69 100

41 53.2 42.3 63.5

39 27.1 22.9 34.3





#57

1,3-Dichloropropane

Concen: 48.937 ug/l

RT: 10.795 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VY017560.D

Acq: 01 Mar 2024 18:58

Instrument :

MSVOA_Y

ClientSampleId :

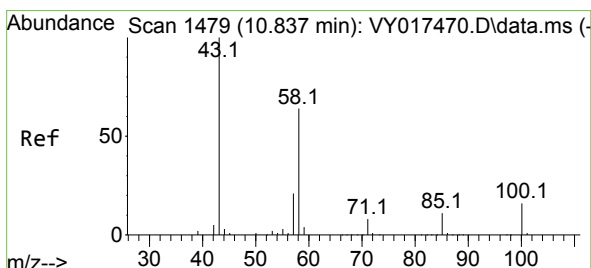
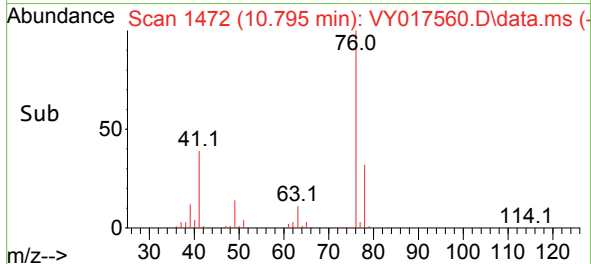
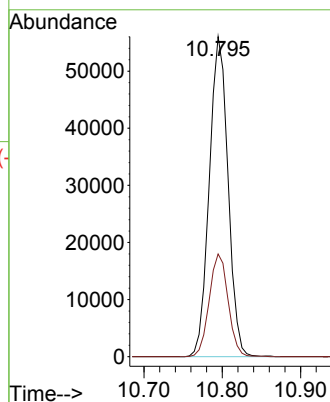
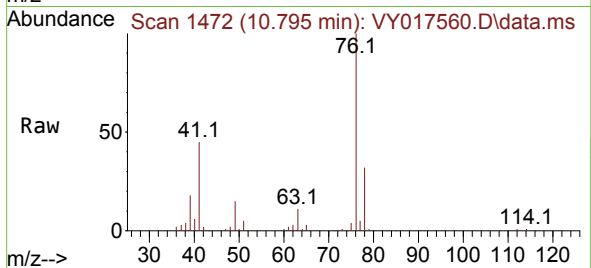
VSTDCCC050EC

Tgt Ion: 76 Resp: 92934

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#59

2-Hexanone

Concen: 237.659 ug/l

RT: 10.837 min Scan# 1479

Delta R.T. 0.000 min

Lab File: VY017560.D

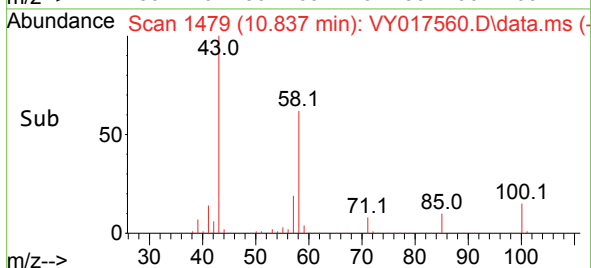
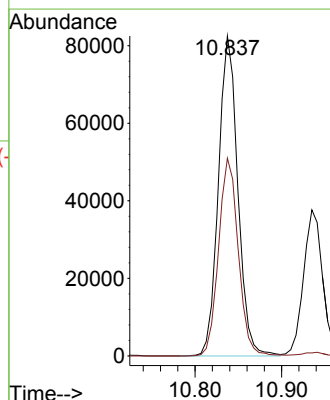
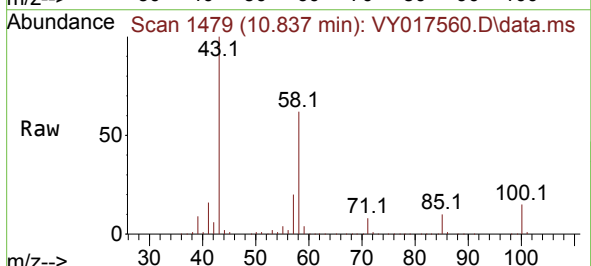
Acq: 01 Mar 2024 18:58

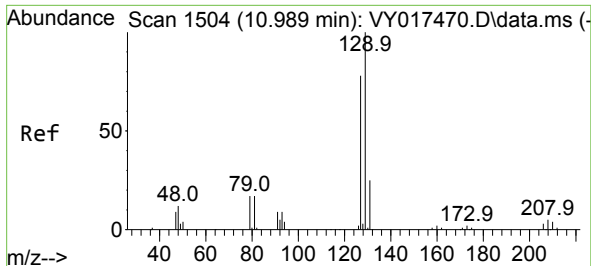
Tgt Ion: 43 Resp: 128469

Ion Ratio Lower Upper

43 100

58 62.6 31.4 94.0

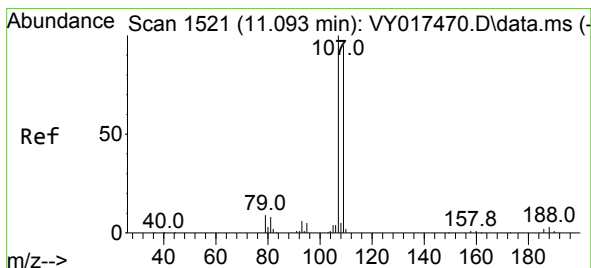
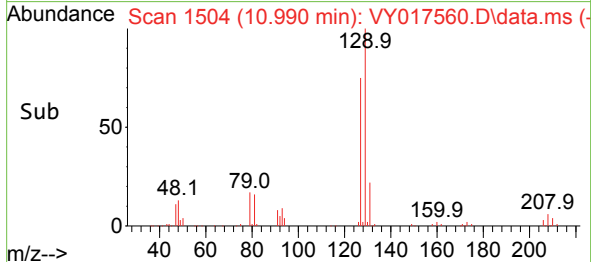
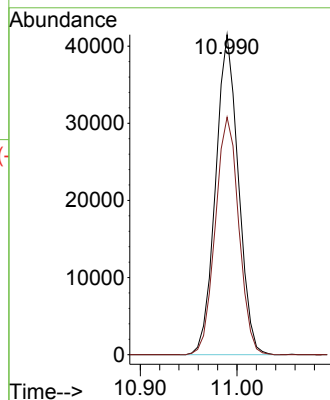
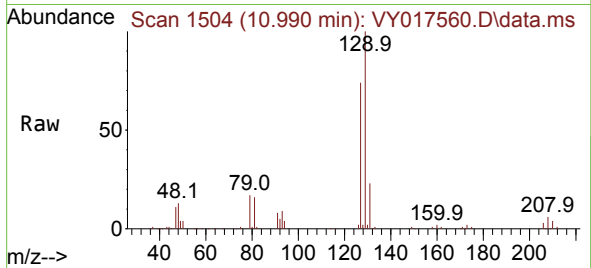




#60
Dibromochloromethane
Concen: 49.003 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY017560.D
Acq: 01 Mar 2024 18:58

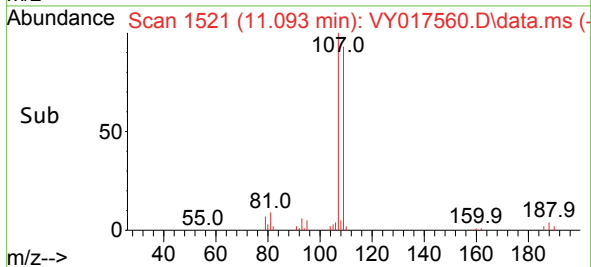
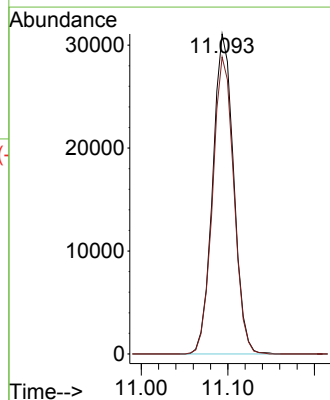
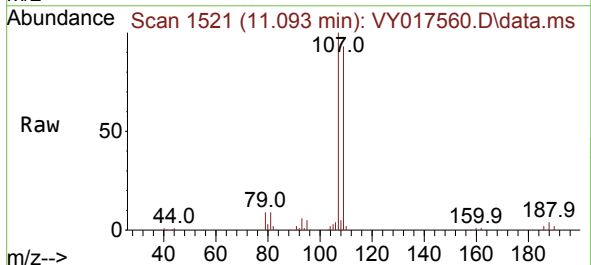
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

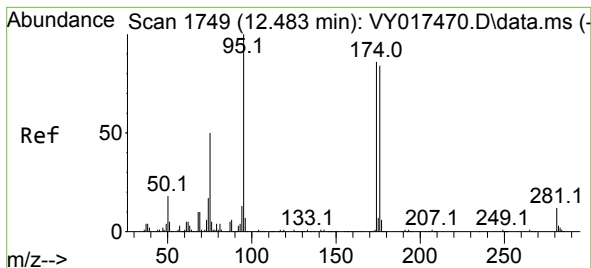
Tgt Ion:129 Resp: 67712
Ion Ratio Lower Upper
129 100
127 76.3 39.0 117.0



#61
1,2-Dibromoethane
Concen: 48.490 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY017560.D
Acq: 01 Mar 2024 18:58

Tgt Ion:107 Resp: 52194
Ion Ratio Lower Upper
107 100
109 93.7 75.9 113.9

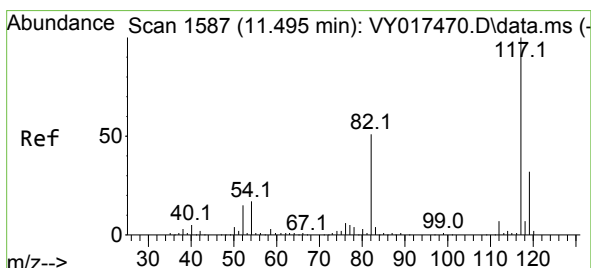
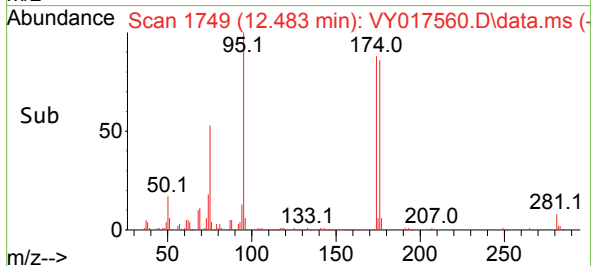
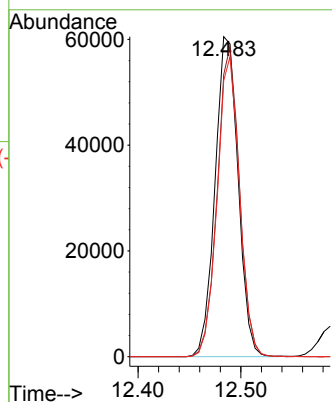
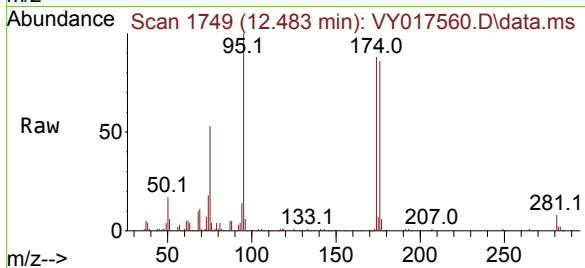




#62
4-Bromofluorobenzene
Concen: 56.830 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017560.D
Acq: 01 Mar 2024 18:58

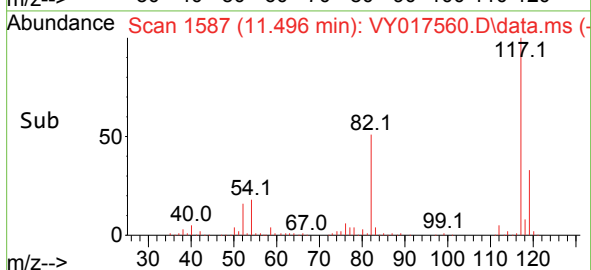
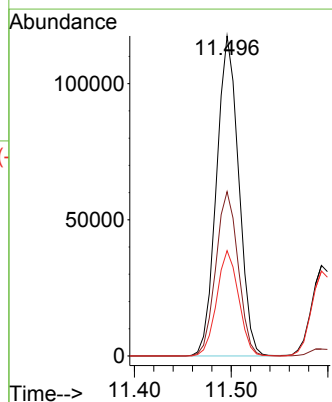
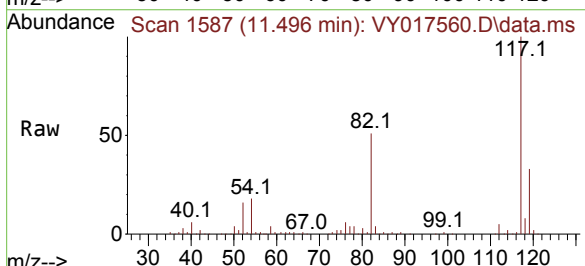
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

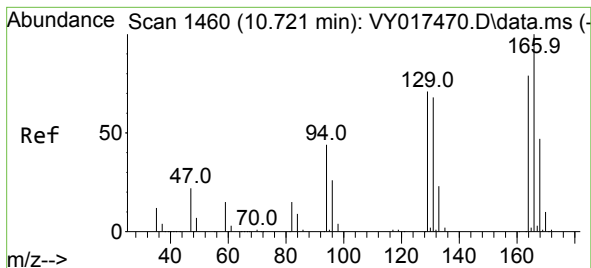
Tgt Ion: 95 Resp: 94163
Ion Ratio Lower Upper
95 100
174 93.1 0.0 175.6
176 90.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY017560.D
Acq: 01 Mar 2024 18:58

Tgt Ion: 117 Resp: 187242
Ion Ratio Lower Upper
117 100
82 51.4 42.4 63.6
119 32.9 25.9 38.9





#64

Tetrachloroethene

Concen: 49.492 ug/l

RT: 10.728 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY017560.D

Acq: 01 Mar 2024 18:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:164 Resp: 88947

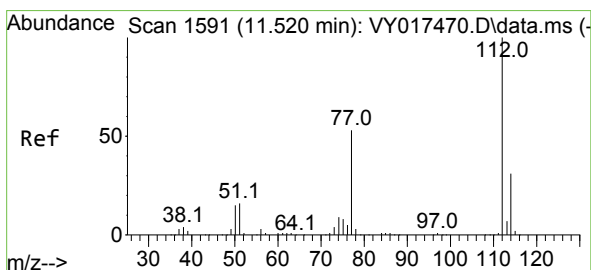
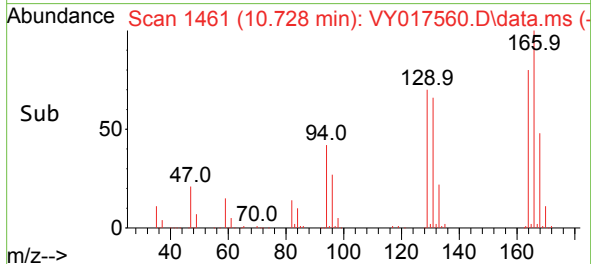
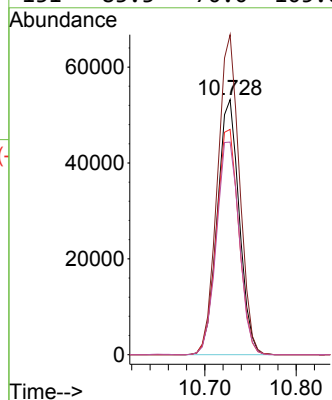
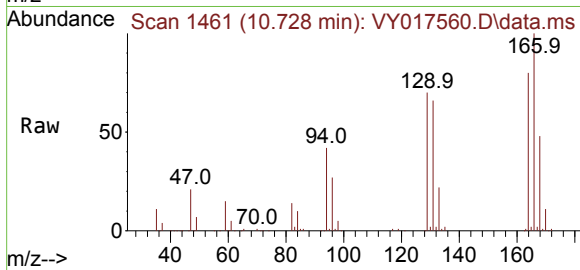
Ion Ratio Lower Upper

164 100

166 125.5 102.6 154.0

129 88.3 72.0 108.0

131 83.3 70.0 105.0



#65

Chlorobenzene

Concen: 51.917 ug/l

RT: 11.520 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY017560.D

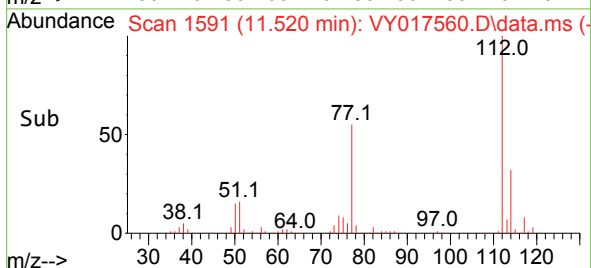
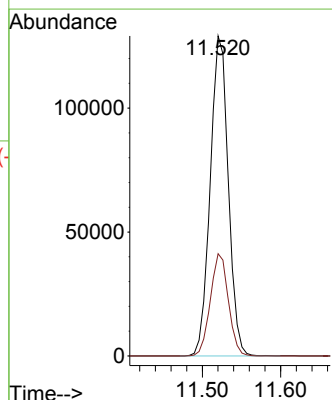
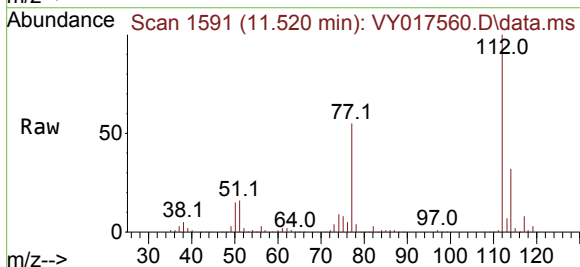
Acq: 01 Mar 2024 18:58

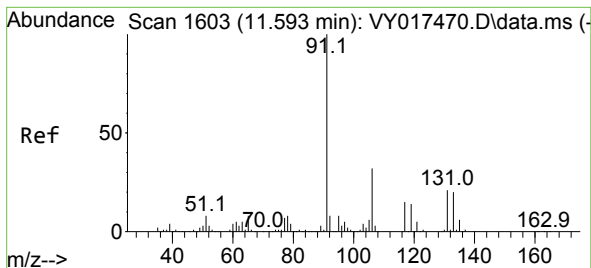
Tgt Ion:112 Resp: 206337

Ion Ratio Lower Upper

112 100

114 32.0 26.4 39.6

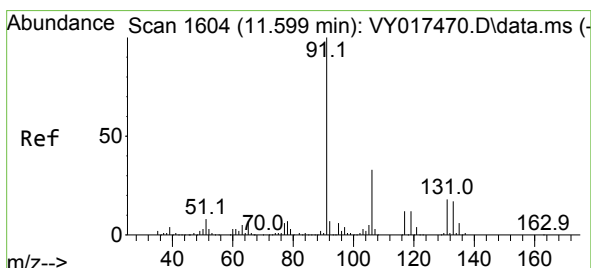
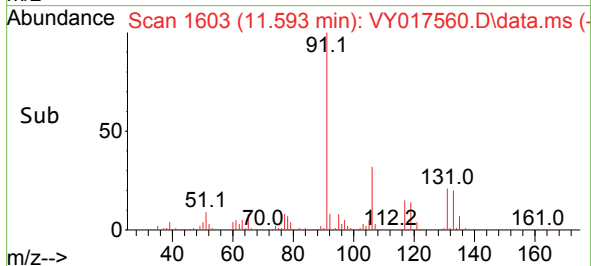
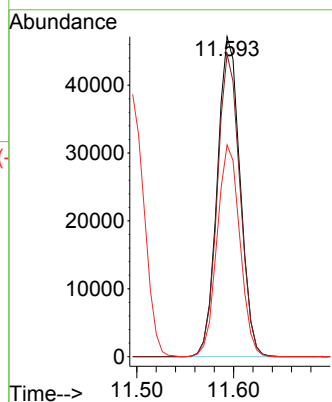
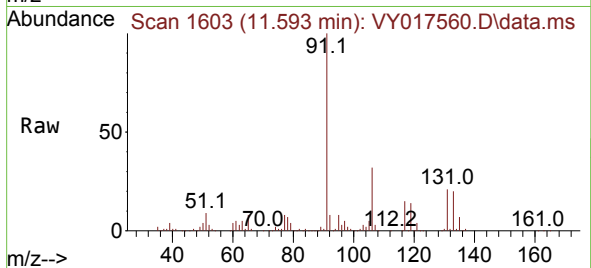




#66
 1,1,1,2-Tetrachloroethane
 Concen: 51.645 ug/l
 RT: 11.593 min Scan# 1603
 Delta R.T. 0.000 min
 Lab File: VY017560.D
 Acq: 01 Mar 2024 18:58

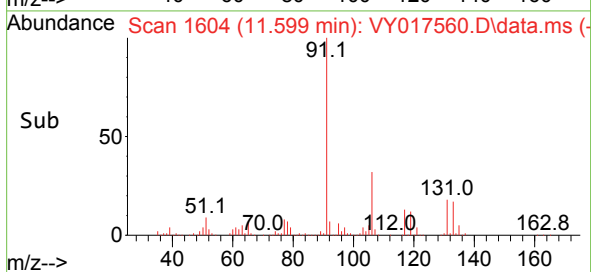
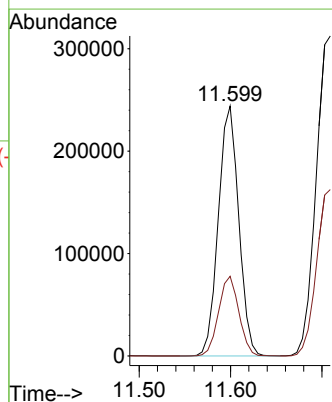
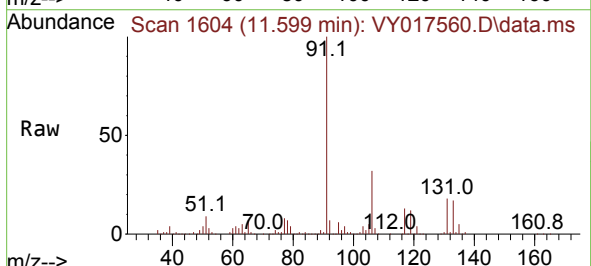
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

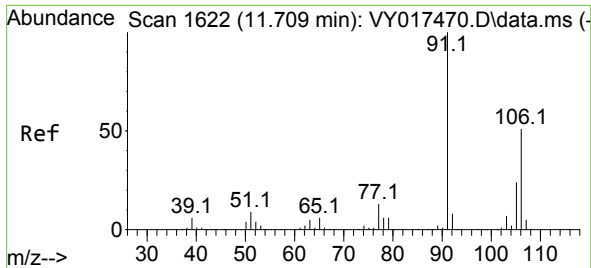
Tgt Ion:131 Resp: 76896
 Ion Ratio Lower Upper
 131 100
 133 94.4 47.8 143.3
 119 66.4 34.1 102.2



#67
 Ethyl Benzene
 Concen: 54.320 ug/l
 RT: 11.599 min Scan# 1604
 Delta R.T. 0.000 min
 Lab File: VY017560.D
 Acq: 01 Mar 2024 18:58

Tgt Ion: 91 Resp: 378610
 Ion Ratio Lower Upper
 91 100
 106 31.9 24.5 36.7

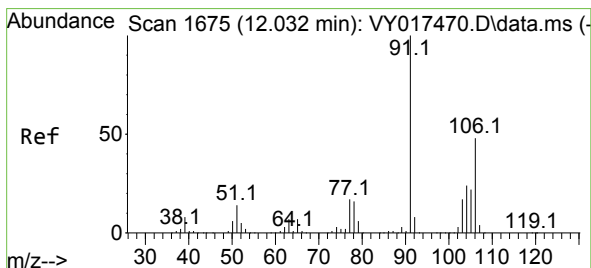
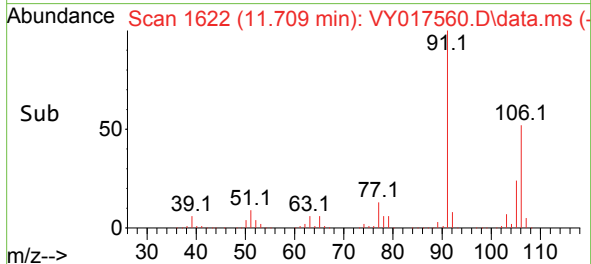
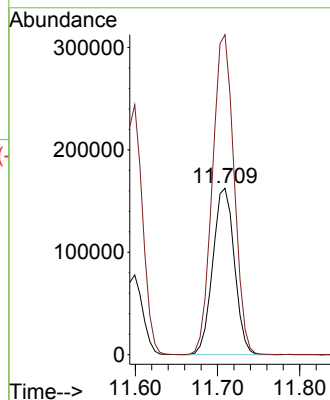
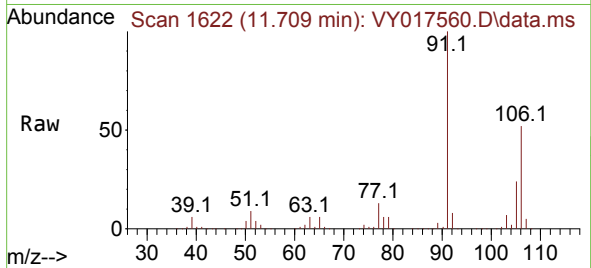




#68
m/p-Xylenes
Concen: 108.269 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VY017560.D
Acq: 01 Mar 2024 18:58

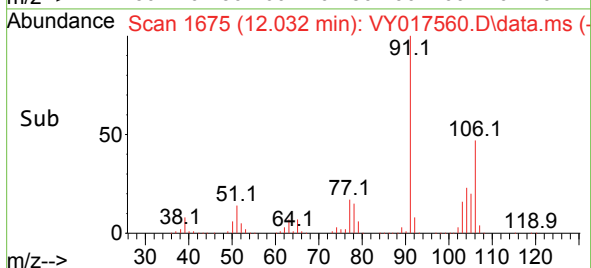
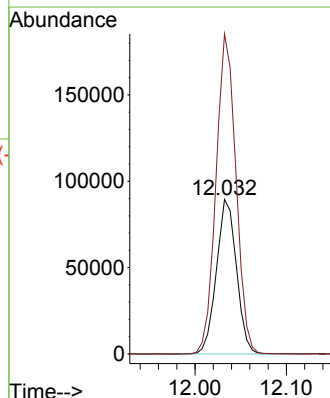
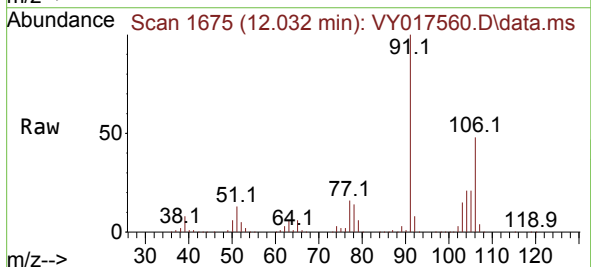
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

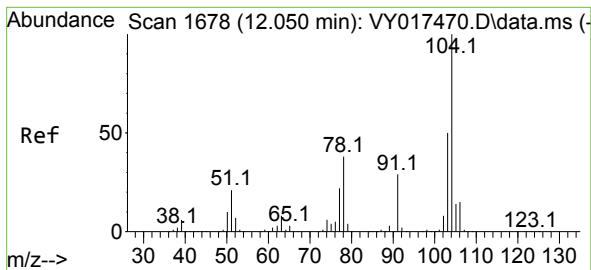
Tgt Ion:106 Resp: 296528
Ion Ratio Lower Upper
106 100
91 193.0 156.0 234.0



#69
o-Xylene
Concen: 53.704 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY017560.D
Acq: 01 Mar 2024 18:58

Tgt Ion:106 Resp: 136456
Ion Ratio Lower Upper
106 100
91 206.3 103.6 310.8





#70

Styrene

Concen: 54.153 ug/l

RT: 12.051 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017560.D

Acq: 01 Mar 2024 18:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

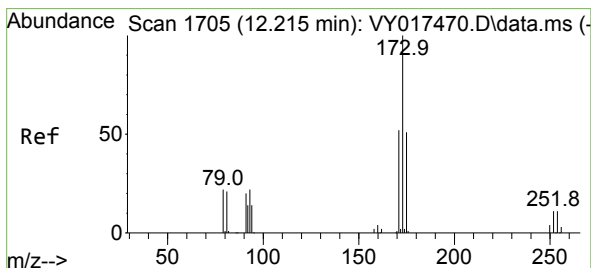
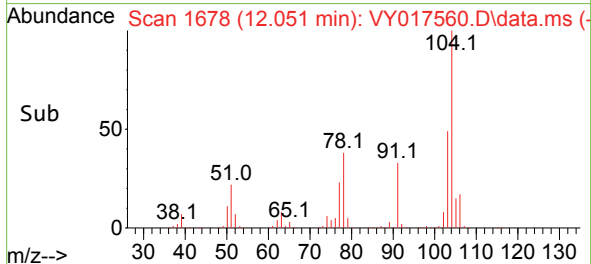
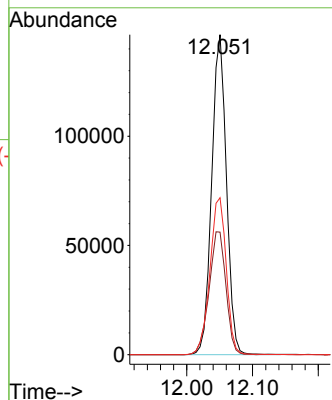
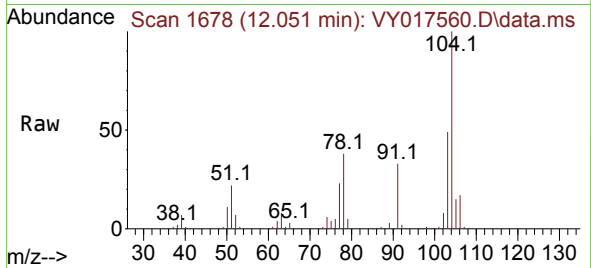
Tgt Ion:104 Resp: 228398

Ion Ratio Lower Upper

104 100

78 44.0 37.0 55.4

103 54.6 44.2 66.2



#71

Bromoform

Concen: 48.711 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. 0.000 min

Lab File: VY017560.D

Acq: 01 Mar 2024 18:58

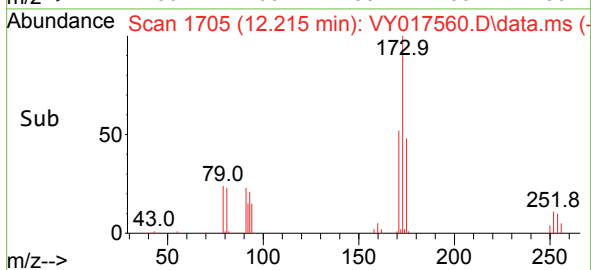
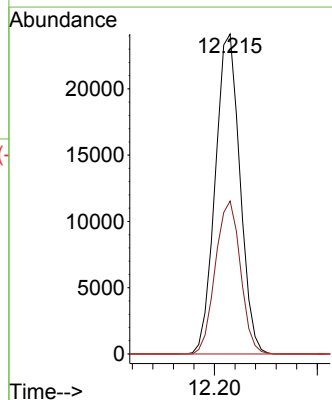
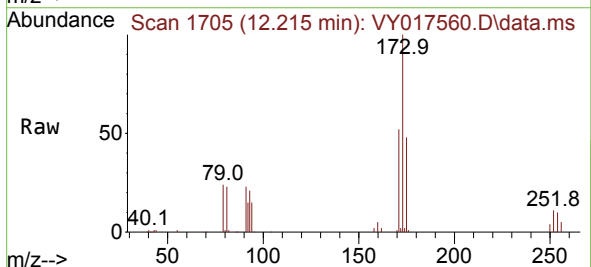
Tgt Ion:173 Resp: 40191

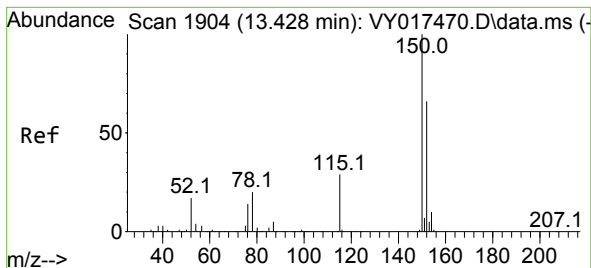
Ion Ratio Lower Upper

173 100

175 48.5 25.1 75.3

254 0.0 0.0 0.0

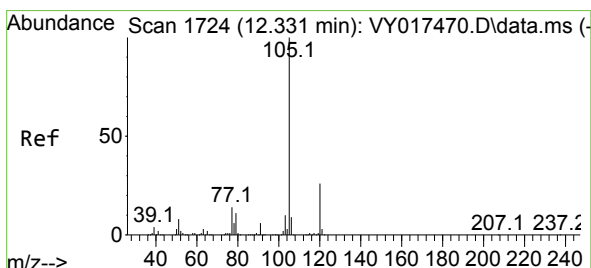
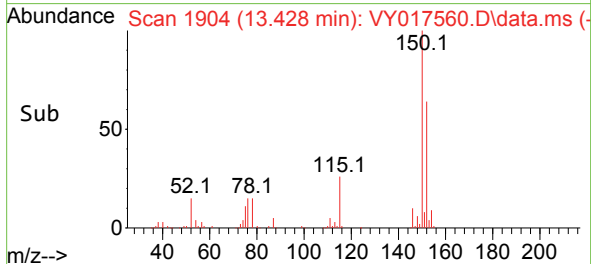
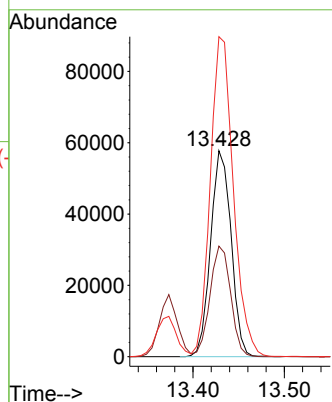
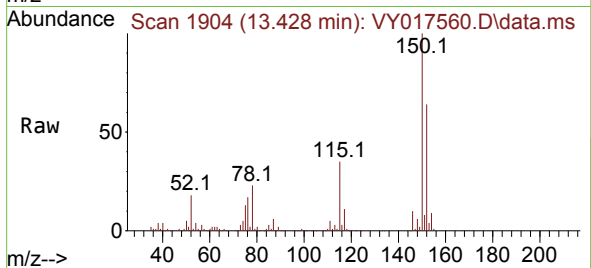




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY017560.D
Acq: 01 Mar 2024 18:58

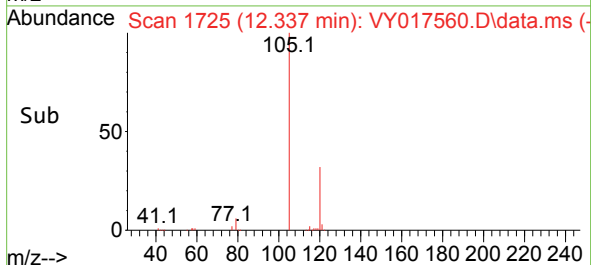
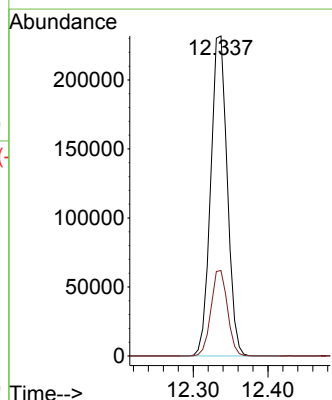
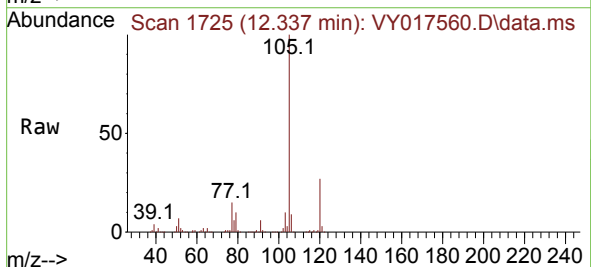
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

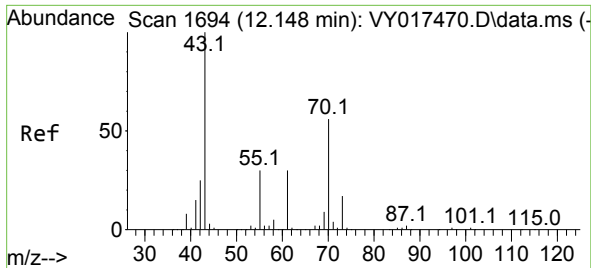
Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.1	28.2	84.7
150	174.2	0.0	345.6



#73
Isopropylbenzene
Concen: 53.294 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.006 min
Lab File: VY017560.D
Acq: 01 Mar 2024 18:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.4	40.1

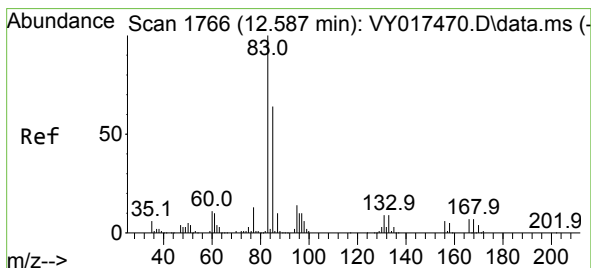
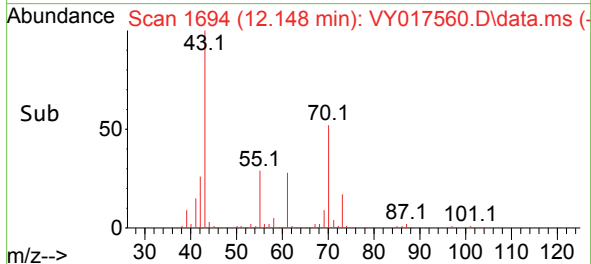
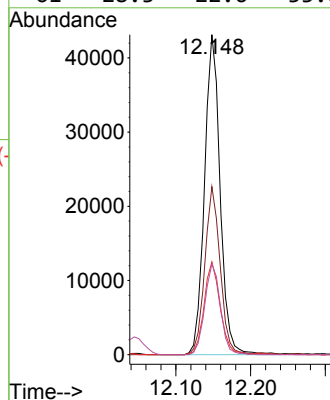
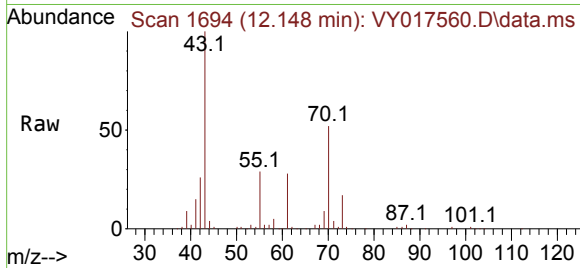




#74
N-amy1 acetate
Concen: 53.197 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VY017560.D
Acq: 01 Mar 2024 18:58

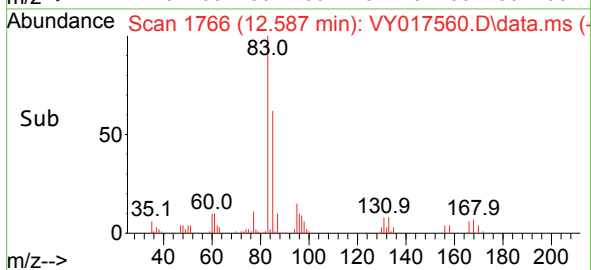
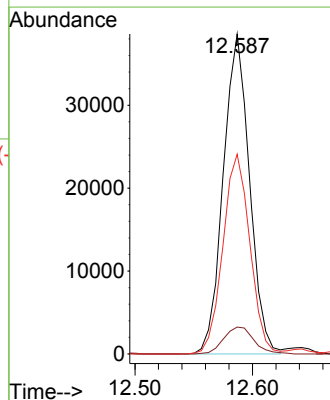
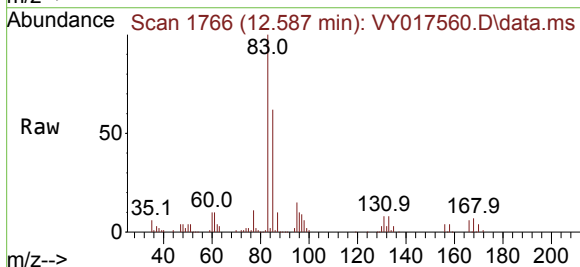
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

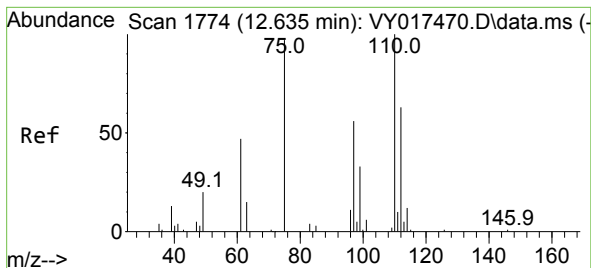
Tgt Ion:	43	Resp:	62721
Ion	Ratio	Lower	Upper
43	100		
70	52.1	41.4	62.2
55	29.8	23.3	34.9
61	28.3	22.6	33.8



#75
1,1,2,2-Tetrachloroethane
Concen: 52.224 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY017560.D
Acq: 01 Mar 2024 18:58

Tgt Ion:	83	Resp:	59950
Ion	Ratio	Lower	Upper
83	100		
131	9.7	5.0	14.9
85	64.1	32.0	96.0





#76

1,2,3-Trichloropropane

Concen: 84.498 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY017560.D

Acq: 01 Mar 2024 18:58

Instrument :

MSVOA_Y

ClientSampleId :

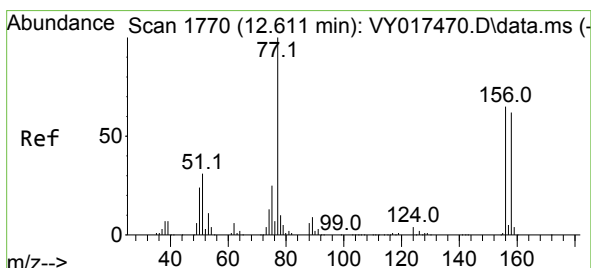
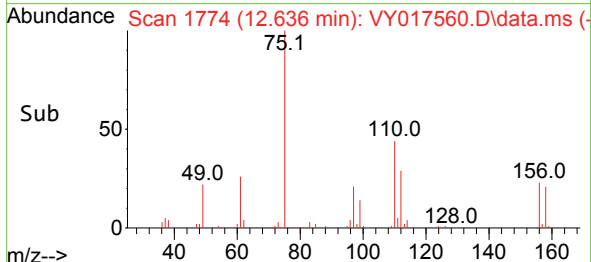
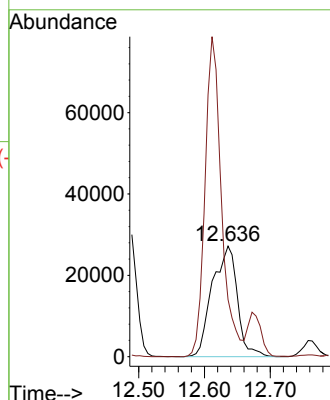
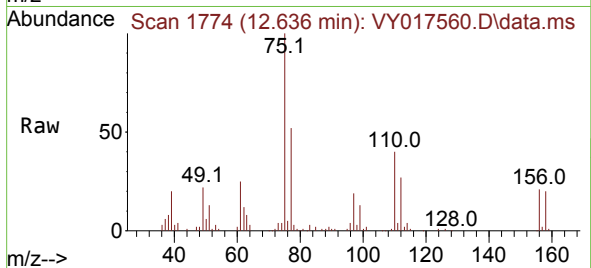
VSTDCCC050EC

Tgt Ion: 75 Resp: 72240

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



#77

Bromobenzene

Concen: 50.533 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY017560.D

Acq: 01 Mar 2024 18:58

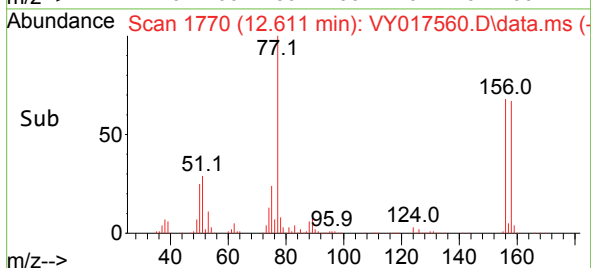
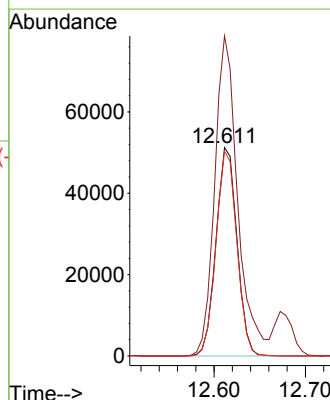
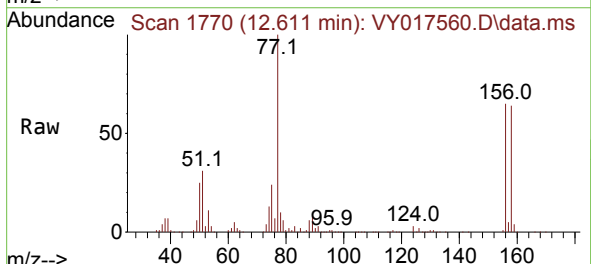
Tgt Ion: 156 Resp: 81807

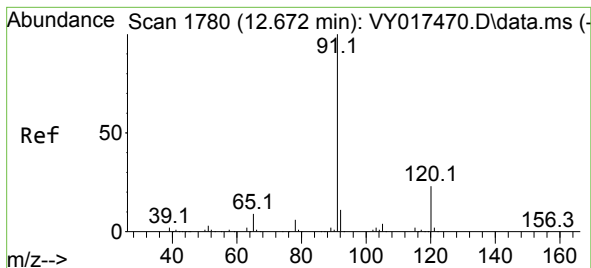
Ion Ratio Lower Upper

156 100

77 168.8 87.1 261.3

158 97.5 48.6 145.9





#78

n-propylbenzene

Concen: 54.047 ug/l

RT: 12.678 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY017560.D

Acq: 01 Mar 2024 18:58

Instrument :

MSVOA_Y

ClientSampleId :

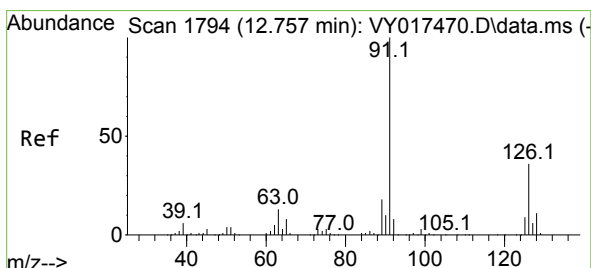
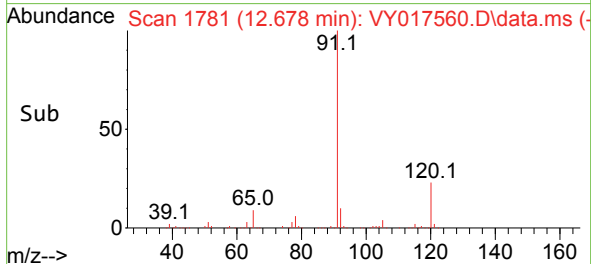
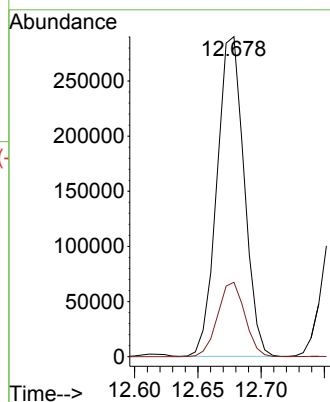
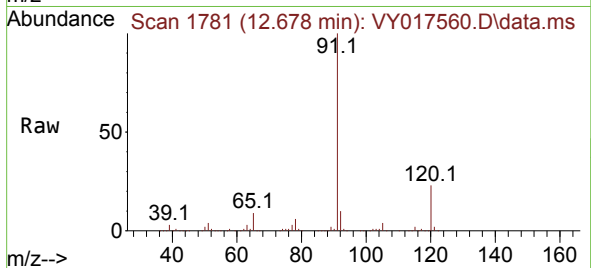
VSTDCCC050EC

Tgt Ion: 91 Resp: 433519

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4



#79

2-Chlorotoluene

Concen: 52.403 ug/l

RT: 12.764 min Scan# 1795

Delta R.T. 0.006 min

Lab File: VY017560.D

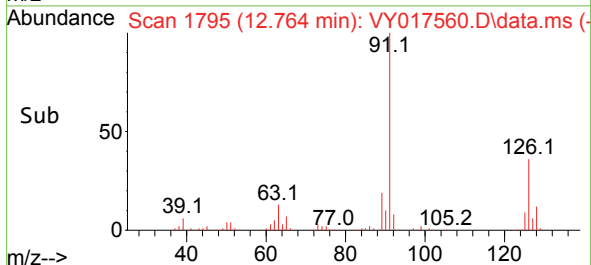
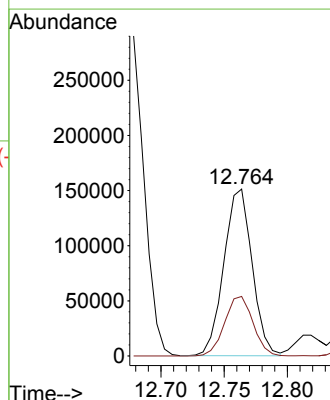
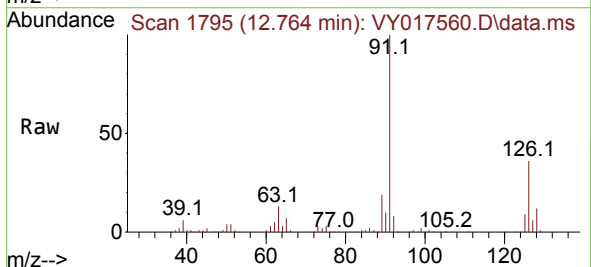
Acq: 01 Mar 2024 18:58

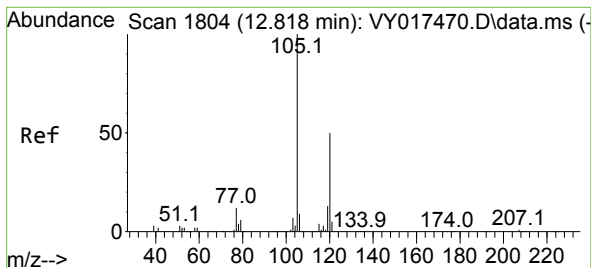
Tgt Ion: 91 Resp: 235335

Ion Ratio Lower Upper

91 100

126 35.9 17.8 53.5





#80

1,3,5-Trimethylbenzene

Concen: 53.935 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. 0.000 min

Lab File: VY017560.D

Acq: 01 Mar 2024 18:58

Instrument :

MSVOA_Y

ClientSampleId :

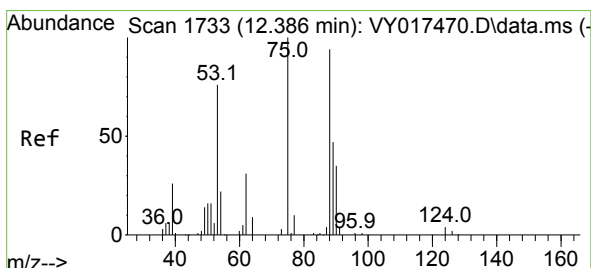
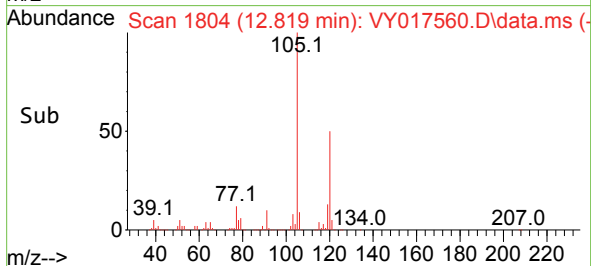
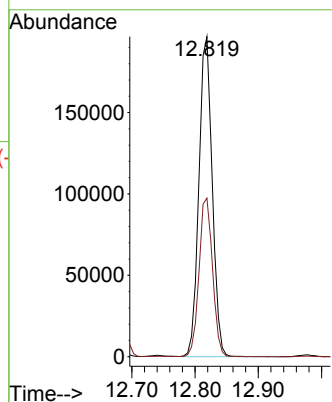
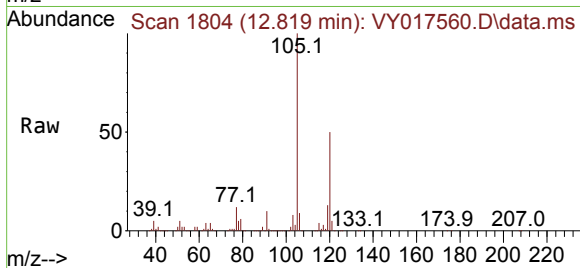
VSTDCCC050EC

Tgt Ion:105 Resp: 288855

Ion Ratio Lower Upper

105 100

120 50.3 25.1 75.2



#81

trans-1,4-Dichloro-2-butene

Concen: 46.526 ug/l

RT: 12.386 min Scan# 1733

Delta R.T. 0.000 min

Lab File: VY017560.D

Acq: 01 Mar 2024 18:58

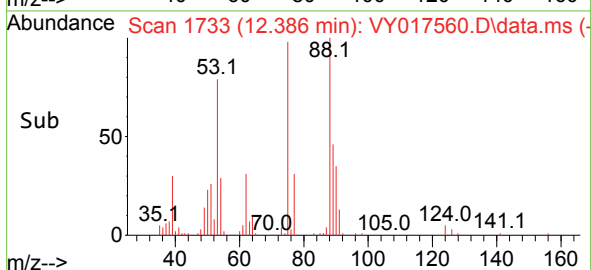
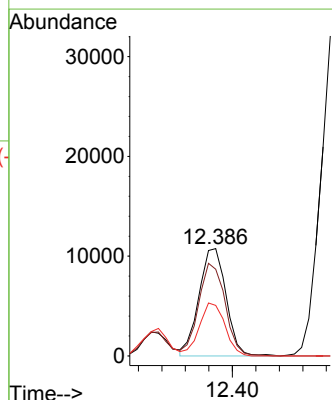
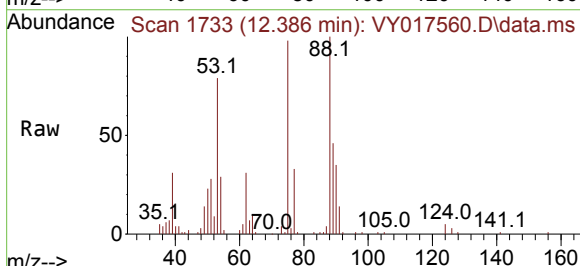
Tgt Ion: 75 Resp: 17311

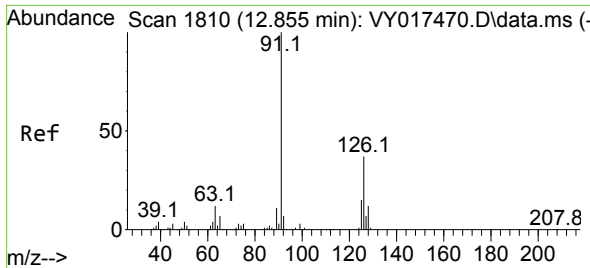
Ion Ratio Lower Upper

75 100

53 84.1 66.8 100.2

89 46.6 35.8 53.6

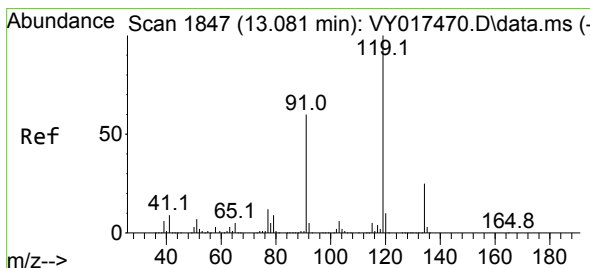
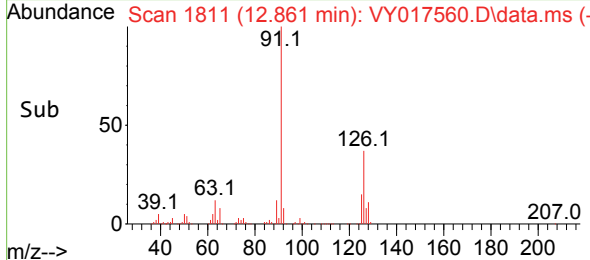
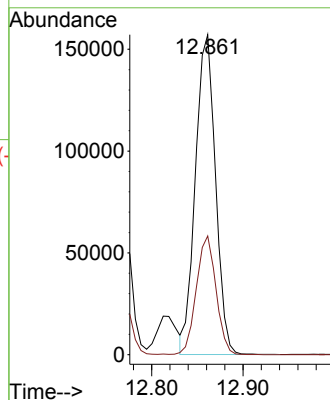
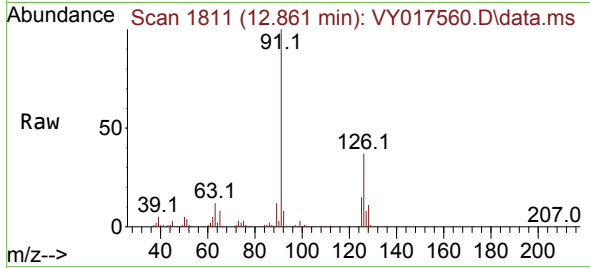




#82
4-Chlorotoluene
Concen: 52.296 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY017560.D
Acq: 01 Mar 2024 18:58

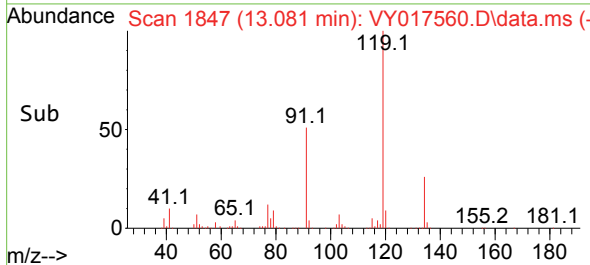
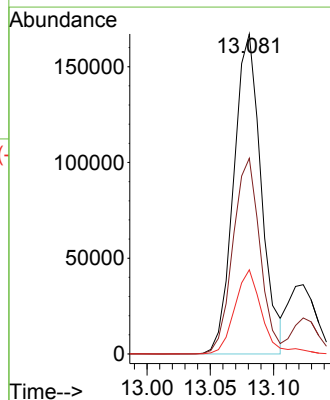
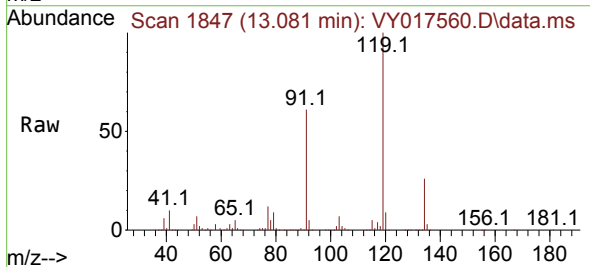
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

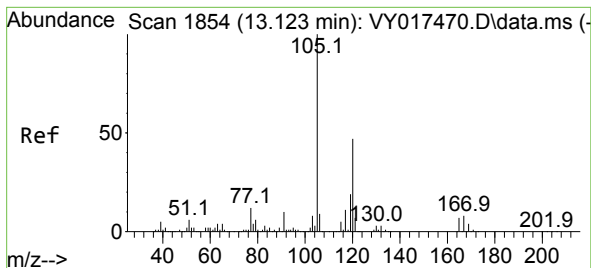
Tgt Ion: 91 Resp: 240211
Ion Ratio Lower Upper
91 100
126 36.5 17.6 52.9



#83
tert-Butylbenzene
Concen: 53.834 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.000 min
Lab File: VY017560.D
Acq: 01 Mar 2024 18:58

Tgt Ion: 119 Resp: 253175
Ion Ratio Lower Upper
119 100
91 60.2 31.3 93.8
134 26.2 13.4 40.1





#84

1,2,4-Trimethylbenzene

Concen: 53.342 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY017560.D

Acq: 01 Mar 2024 18:58

Instrument :

MSVOA_Y

ClientSampleId :

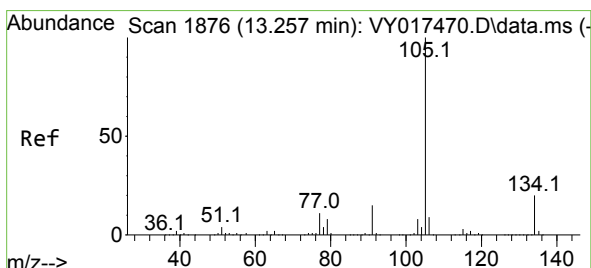
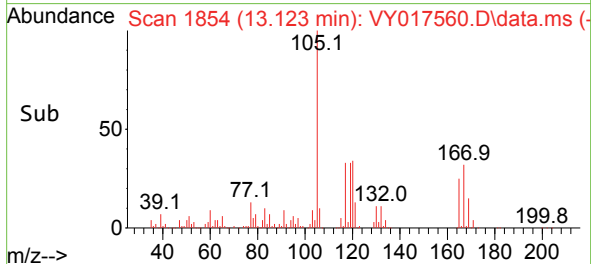
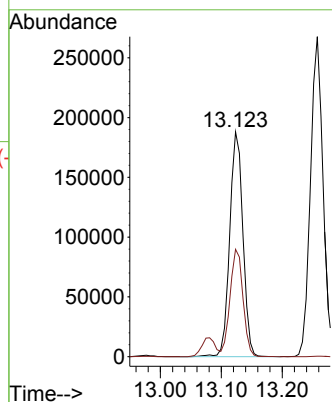
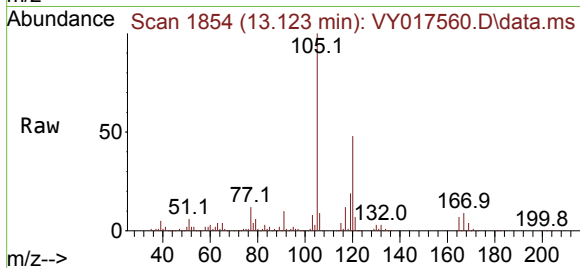
VSTDCCC050EC

Tgt Ion:105 Resp: 282038

Ion Ratio Lower Upper

105 100

120 46.9 23.2 69.6



#85

sec-Butylbenzene

Concen: 53.155 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY017560.D

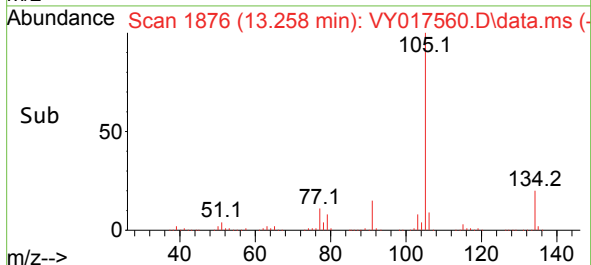
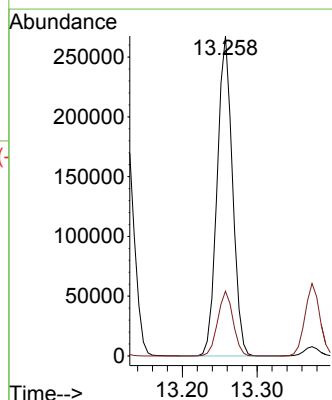
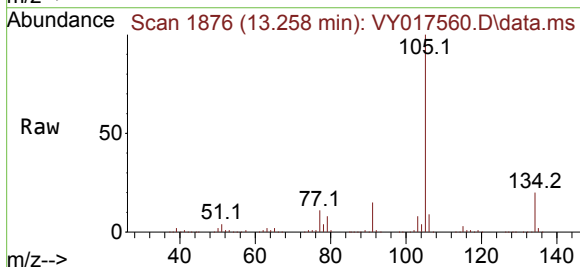
Acq: 01 Mar 2024 18:58

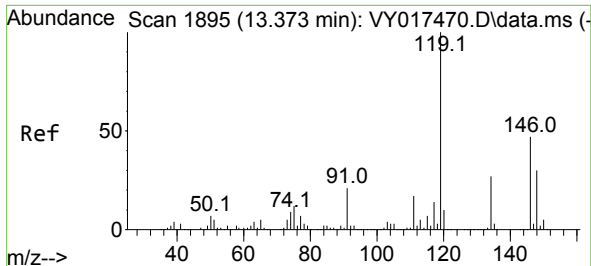
Tgt Ion:105 Resp: 382196

Ion Ratio Lower Upper

105 100

134 20.3 10.1 30.1

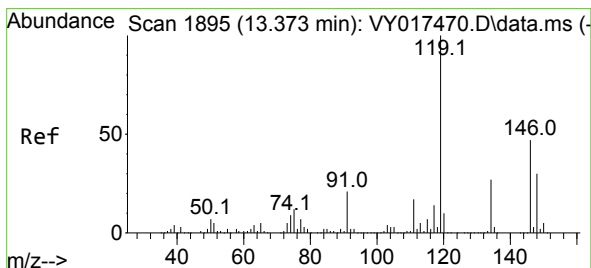
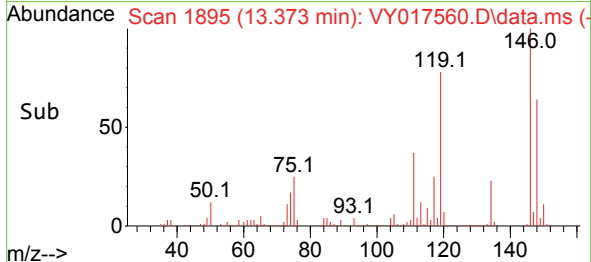
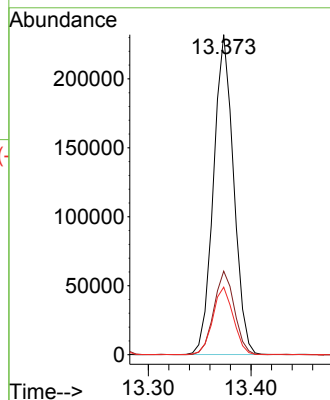
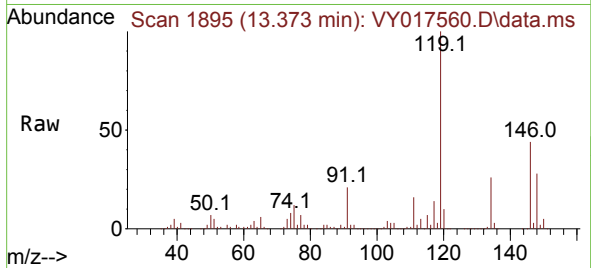




#86
p-Isopropyltoluene
Concen: 53.619 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY017560.D
Acq: 01 Mar 2024 18:58

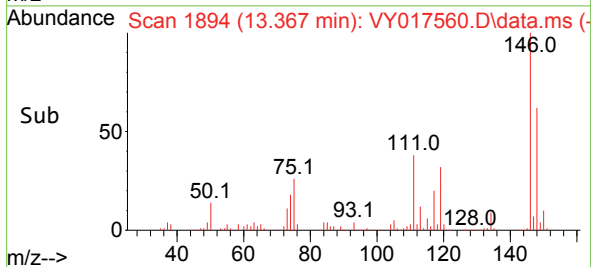
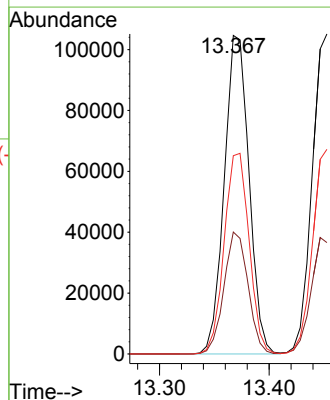
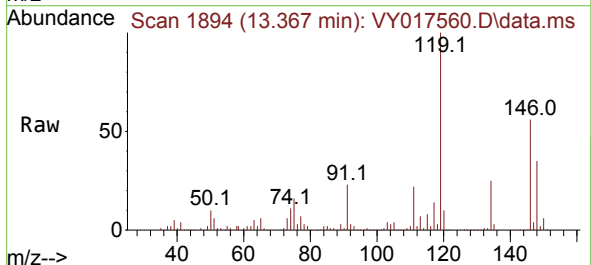
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

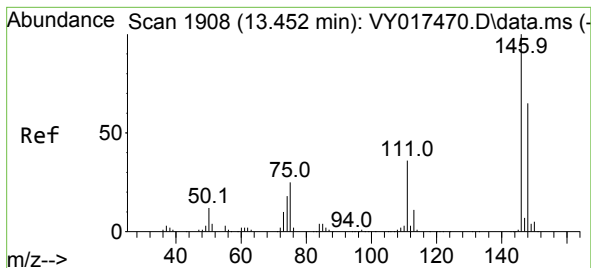
Tgt Ion:119 Resp: 315602
Ion Ratio Lower Upper
119 100
134 26.6 13.1 39.3
91 21.5 10.7 32.1



#87
1,3-Dichlorobenzene
Concen: 50.558 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.006 min
Lab File: VY017560.D
Acq: 01 Mar 2024 18:58

Tgt Ion:146 Resp: 164283
Ion Ratio Lower Upper
146 100
111 37.3 19.0 57.0
148 63.4 31.7 95.1





#88

1,4-Dichlorobenzene

Concen: 51.056 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY017560.D

Acq: 01 Mar 2024 18:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

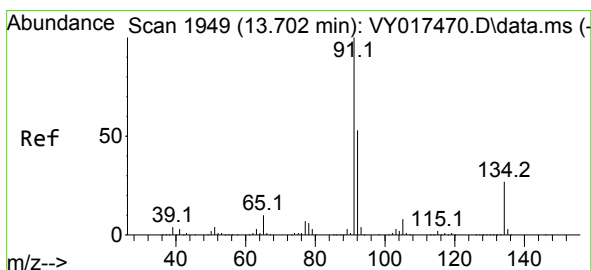
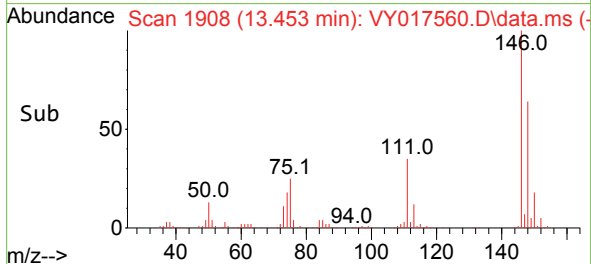
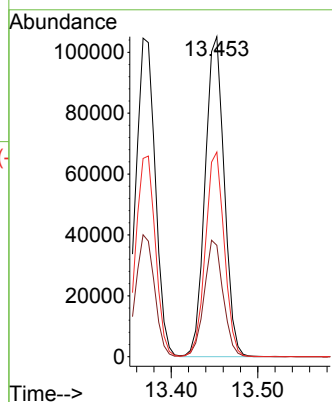
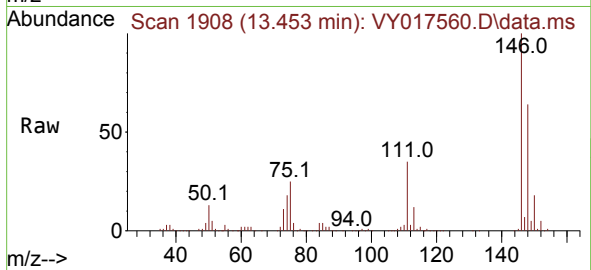
Tgt Ion:146 Resp: 161292

Ion Ratio Lower Upper

146 100

111 36.1 18.4 55.4

148 63.0 32.4 97.2



#89

n-Butylbenzene

Concen: 53.488 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY017560.D

Acq: 01 Mar 2024 18:58

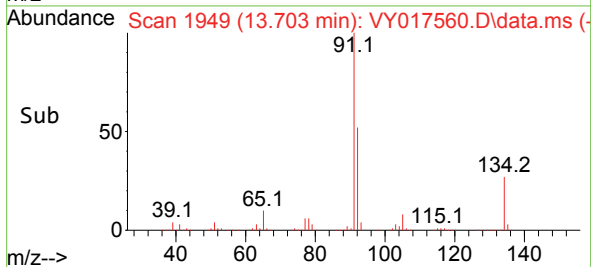
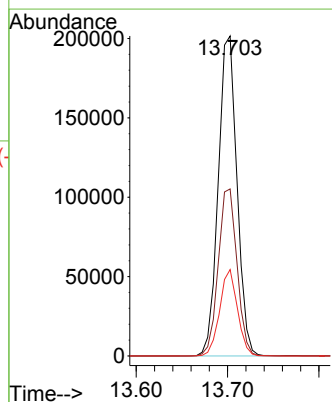
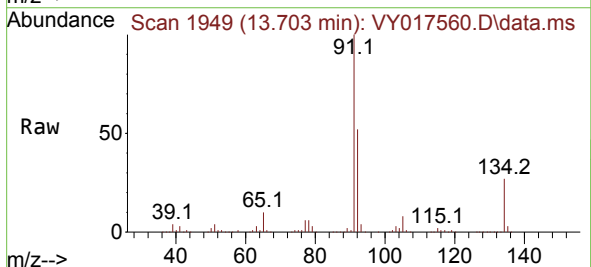
Tgt Ion: 91 Resp: 287240

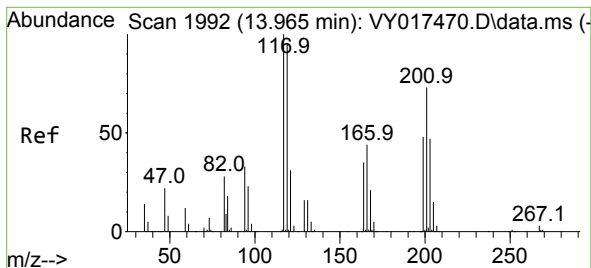
Ion Ratio Lower Upper

91 100

92 52.4 26.6 79.7

134 25.7 12.9 38.7





#90

Hexachloroethane

Concen: 51.583 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VY017560.D

Acq: 01 Mar 2024 18:58

Instrument :

MSVOA_Y

ClientSampleId :

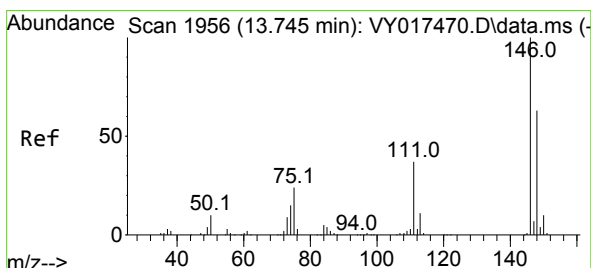
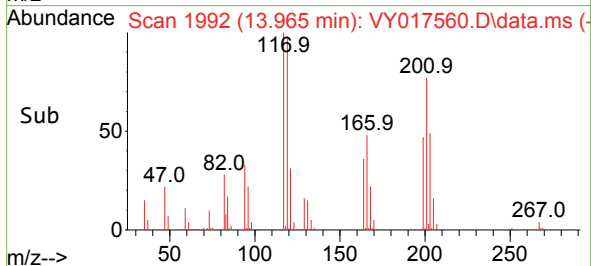
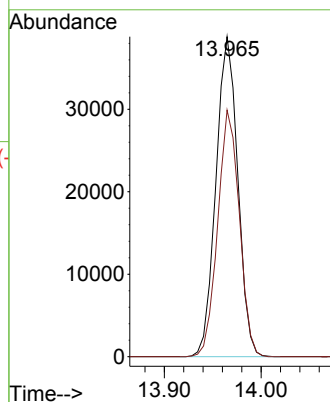
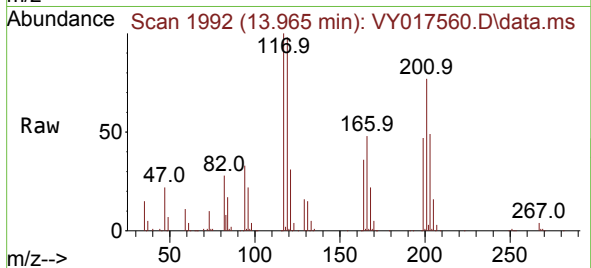
VSTDCCC050EC

Tgt Ion:117 Resp: 60869

Ion Ratio Lower Upper

117 100

201 76.2 37.4 112.2



#91

1,2-Dichlorobenzene

Concen: 50.897 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VY017560.D

Acq: 01 Mar 2024 18:58

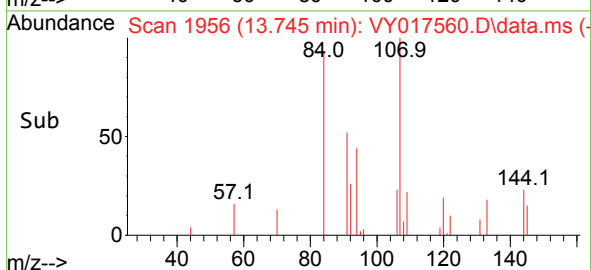
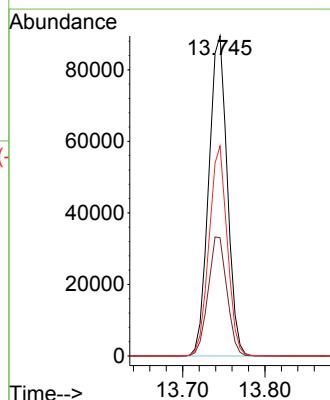
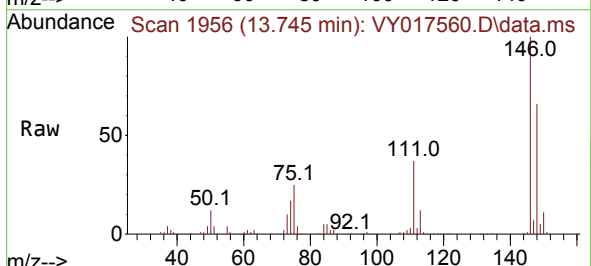
Tgt Ion:146 Resp: 139893

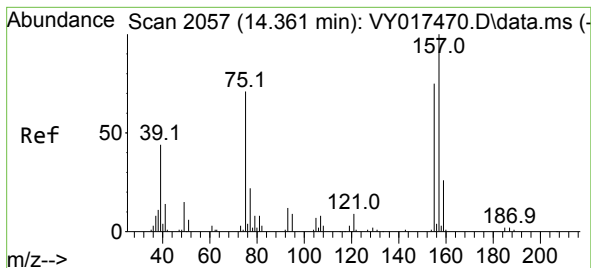
Ion Ratio Lower Upper

146 100

111 37.8 19.9 59.7

148 64.4 31.8 95.4

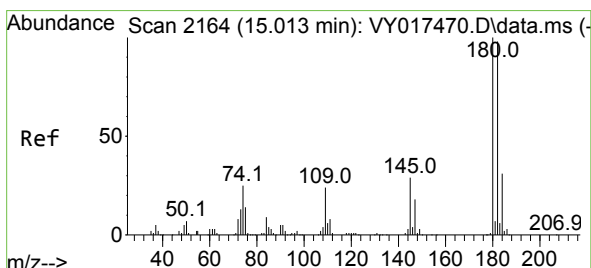
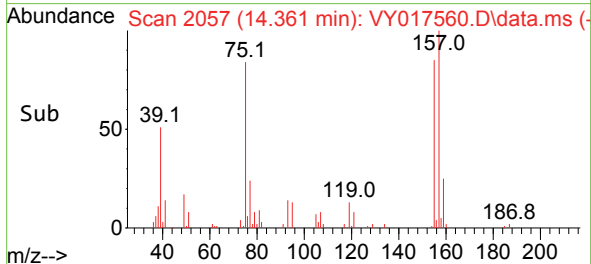
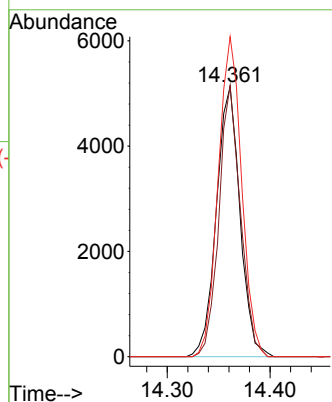
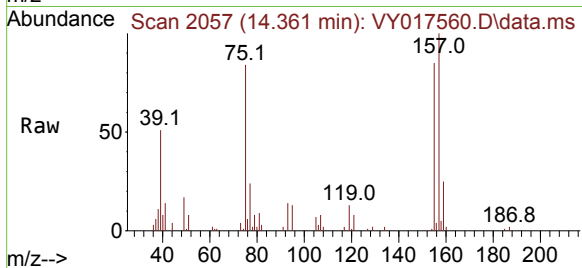




#92
1,2-Dibromo-3-Chloropropane
Concen: 50.601 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY017560.D
Acq: 01 Mar 2024 18:58

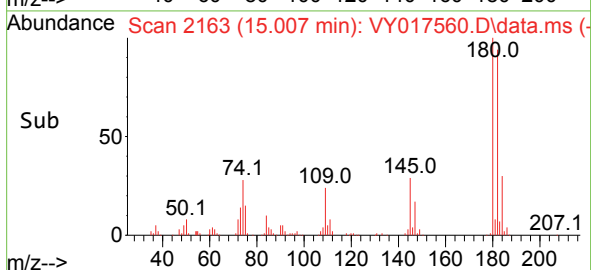
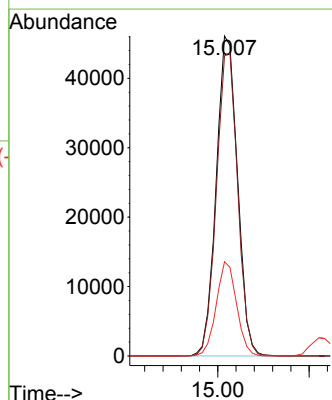
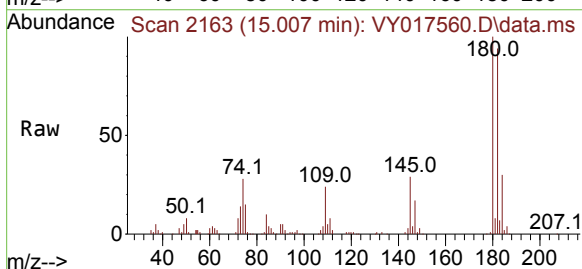
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

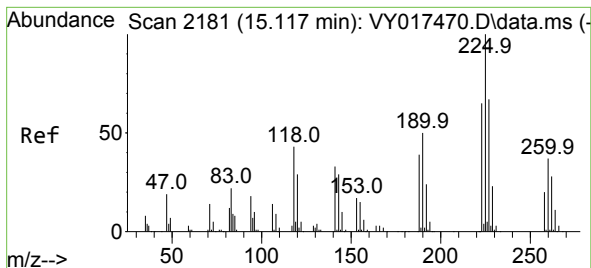
Tgt Ion:	75	Resp:	8166
Ion	Ratio	Lower	Upper
75	100		
155	91.4	48.6	145.8
157	117.6	62.7	188.2



#93
1,2,4-Trichlorobenzene
Concen: 51.347 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.006 min
Lab File: VY017560.D
Acq: 01 Mar 2024 18:58

Tgt Ion:	180	Resp:	74545
Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.9	143.8
145	28.2	14.2	42.6





#94

Hexachlorobutadiene

Concen: 48.774 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017560.D

Acq: 01 Mar 2024 18:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

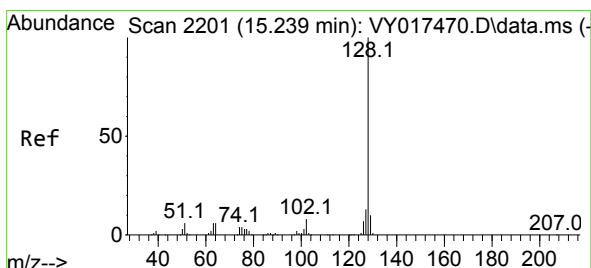
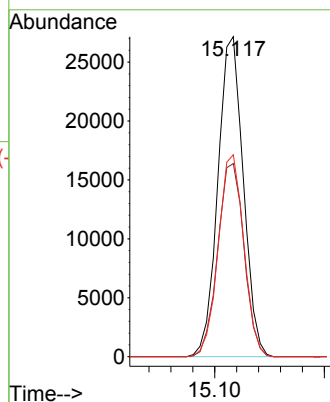
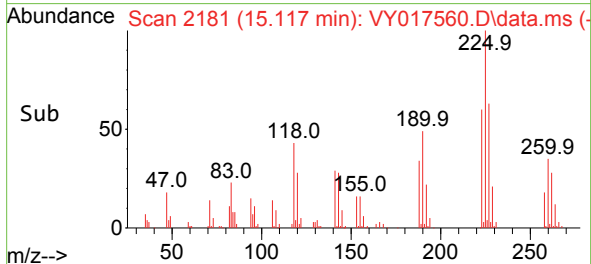
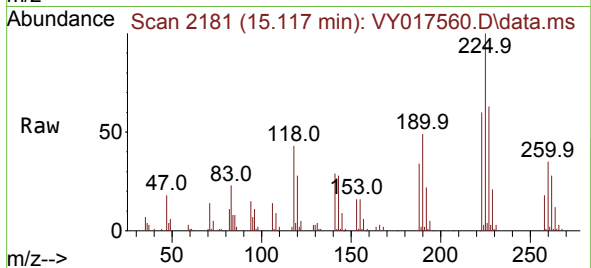
Tgt Ion:225 Resp: 43718

Ion Ratio Lower Upper

225 100

223 62.3 30.4 91.2

227 63.3 31.9 95.9



#95

Naphthalene

Concen: 47.894 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY017560.D

Acq: 01 Mar 2024 18:58

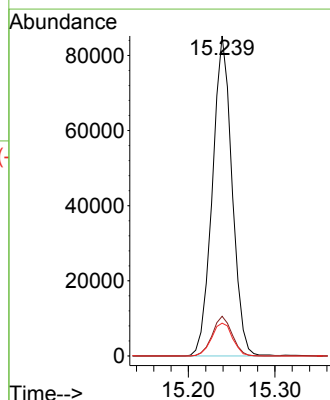
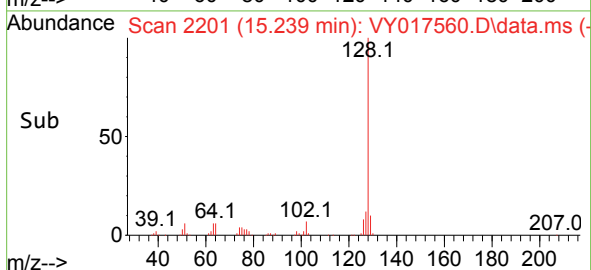
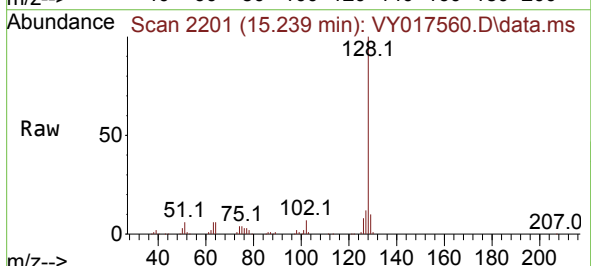
Tgt Ion:128 Resp: 134226

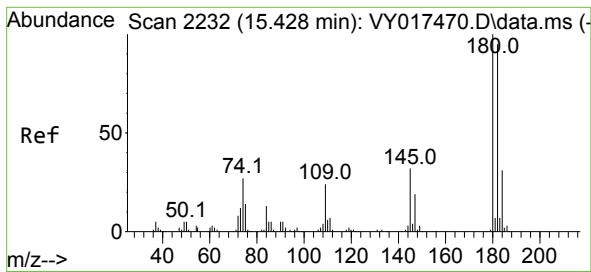
Ion Ratio Lower Upper

128 100

127 12.5 10.6 16.0

129 11.0 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 51.809 ug/l
 RT: 15.428 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY017560.D
 Acq: 01 Mar 2024 18:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 64526
 Ion Ratio Lower Upper
 180 100
 182 92.8 47.6 142.9
 145 29.6 15.4 46.1

