

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022024\
 Data File : VY017424.D
 Acq On : 20 Feb 2024 16:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 21 04:31:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 20 06:16:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	152280	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	242262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	208288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	95297	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	66753	51.313	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.620%	
35) Dibromofluoromethane	7.728	113	74515	52.545	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.100%	
50) Toluene-d8	10.191	98	290289	52.781	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.560%	
62) 4-Bromofluorobenzene	12.495	95	86338	47.169	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.340%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	53804	44.309	ug/l	99
3) Chloromethane	2.119	50	109247	44.083	ug/l	96
4) Vinyl Chloride	2.253	62	155033	48.049	ug/l	99
5) Bromomethane	2.656	94	120929	51.075	ug/l	97
6) Chloroethane	2.802	64	101383	49.325	ug/l	98
7) Trichlorofluoromethane	3.131	101	125313	45.286	ug/l	99
8) Diethyl Ether	3.534	74	34677	44.338	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.906	101	72085	45.069	ug/l	99
10) Methyl Iodide	4.101	142	87660	51.500	ug/l	99
11) Tert butyl alcohol	4.960	59	18445	182.351	ug/l #	81
12) 1,1-Dichloroethene	3.881	96	69508	46.236	ug/l	99
13) Acrolein	3.729	56	30937	228.553	ug/l	98
14) Allyl chloride	4.491	41	84492	46.369	ug/l	98
15) Acrylonitrile	5.174	53	66057	212.440	ug/l	99
16) Acetone	3.954	43	62440	221.624	ug/l	90
17) Carbon Disulfide	4.204	76	217760	45.594	ug/l	98
18) Methyl Acetate	4.485	43	28140	44.046	ug/l	99
19) Methyl tert-butyl Ether	5.235	73	151803	44.703	ug/l	97
20) Methylene Chloride	4.729	84	73981	41.737	ug/l	99
21) trans-1,2-Dichloroethene	5.235	96	80289	46.175	ug/l	96
22) Diisopropyl ether	6.131	45	194721	46.462	ug/l	98
23) Vinyl Acetate	6.070	43	565913	227.210	ug/l	99
24) 1,1-Dichloroethane	6.033	63	131291	46.207	ug/l	99
25) 2-Butanone	6.996	43	84468	213.586	ug/l	96
26) 2,2-Dichloropropane	6.996	77	116637	47.707	ug/l	99
27) cis-1,2-Dichloroethene	7.003	96	89571	46.380	ug/l	98
28) Bromochloromethane	7.350	49	45057	42.264	ug/l	98
29) Tetrahydrofuran	7.362	42	49695	213.757	ug/l	99
30) Chloroform	7.521	83	136748	45.592	ug/l	97
31) Cyclohexane	7.801	56	115452	44.830	ug/l	96
32) 1,1,1-Trichloroethane	7.716	97	121882	46.006	ug/l	97
36) 1,1-Dichloropropene	7.929	75	110900	46.824	ug/l	99
37) Ethyl Acetate	7.088	43	36346	42.145	ug/l	99
38) Carbon Tetrachloride	7.911	117	110729	46.957	ug/l	98
39) Methylcyclohexane	9.197	83	138016	47.606	ug/l	97
40) Benzene	8.173	78	319360	46.151	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	17888	42.472	ug/l	95
42) 1,2-Dichloroethane	8.246	62	75458	44.924	ug/l	100
43) Isopropyl Acetate	8.283	43	68414	43.898	ug/l	100
44) Trichloroethene	8.953	130	85497	45.582	ug/l	95
45) 1,2-Dichloropropane	9.228	63	73218	45.773	ug/l	100
46) Dibromomethane	9.319	93	39548	43.499	ug/l	99
47) Bromodichloromethane	9.508	83	102138	45.691	ug/l	96
48) Methyl methacrylate	9.307	41	32716	44.742	ug/l	98
49) 1,4-Dioxane	9.307	88	8256	868.215	ug/l #	93
51) 4-Methyl-2-Pentanone	10.081	43	183008	217.932	ug/l	99
52) Toluene	10.258	92	201761	46.704	ug/l	99
53) t-1,3-Dichloropropene	10.478	75	94503	45.657	ug/l	97
54) cis-1,3-Dichloropropene	9.941	75	114604	45.129	ug/l	98
55) 1,1,2-Trichloroethane	10.660	97	55386	44.275	ug/l	98
56) Ethyl methacrylate	10.520	69	63937	41.210	ug/l	97
57) 1,3-Dichloropropane	10.801	76	91702	44.305	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	198545	265.631	ug/l	99
59) 2-Hexanone	10.843	43	127919	221.157	ug/l	99
60) Dibromochloromethane	10.996	129	66860	44.962	ug/l	98
61) 1,2-Dibromoethane	11.099	107	50880	43.475	ug/l	99
64) Tetrachloroethene	10.734	164	74262	44.550	ug/l	99
65) Chlorobenzene	11.532	112	205251	45.742	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.605	131	75073	44.928	ug/l	99
67) Ethyl Benzene	11.605	91	381008	47.476	ug/l	97
68) m/p-Xylenes	11.715	106	299498	94.934	ug/l	99
69) o-Xylene	12.044	106	137756	47.597	ug/l	99
70) Styrene	12.057	104	226292	47.604	ug/l	99
71) Bromoform	12.221	173	38648	44.455	ug/l #	95
73) Isopropylbenzene	12.343	105	364914	49.573	ug/l	99
74) N-amyl acetate	12.154	43	59358	46.311	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	58156	44.204	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	72246	78.189	ug/l #	100
77) Bromobenzene	12.623	156	79635	46.128	ug/l	99
78) n-propylbenzene	12.684	91	440815	49.509	ug/l	99
79) 2-Chlorotoluene	12.770	91	233591	47.646	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	287741	48.870	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.392	75	18149	45.796	ug/l	99
82) 4-Chlorotoluene	12.867	91	242340	47.902	ug/l	100
83) tert-Butylbenzene	13.087	119	256254	49.841	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	283927	48.676	ug/l	100
85) sec-Butylbenzene	13.264	105	387147	49.026	ug/l	100
86) p-Isopropyltoluene	13.379	119	317548	48.822	ug/l	100
87) 1,3-Dichlorobenzene	13.379	146	159469	45.739	ug/l	100
88) 1,4-Dichlorobenzene	13.459	146	154180	45.800	ug/l	98
89) n-Butylbenzene	13.709	91	289425	48.927	ug/l	99
90) Hexachloroethane	13.971	117	59719	46.858	ug/l	99
91) 1,2-Dichlorobenzene	13.751	146	133734	45.571	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	6822	41.024	ug/l	96
93) 1,2,4-Trichlorobenzene	15.013	180	66630	43.423	ug/l	99
94) Hexachlorobutadiene	15.123	225	40296	43.179	ug/l	98
95) Naphthalene	15.245	128	108864	39.034	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	53818	41.719	ug/l	99

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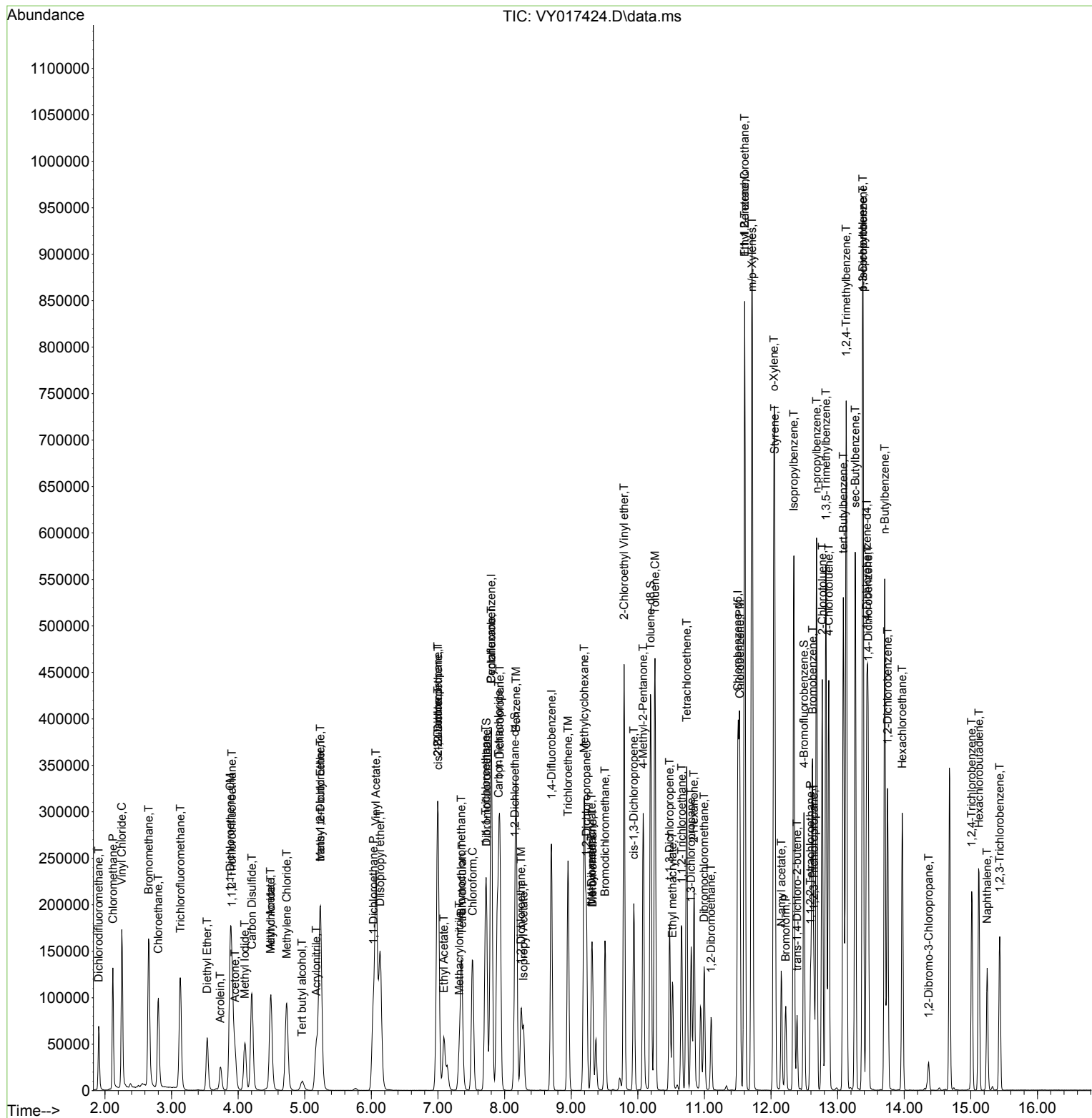
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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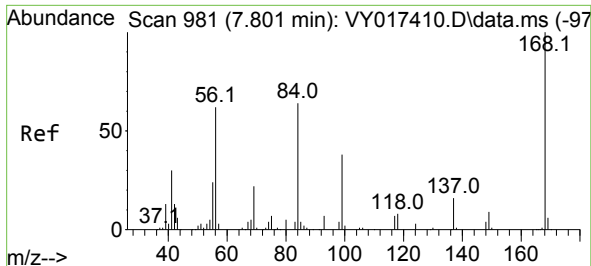
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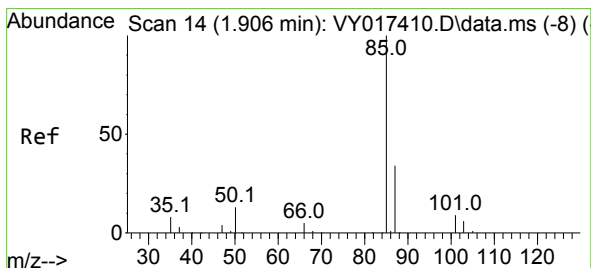
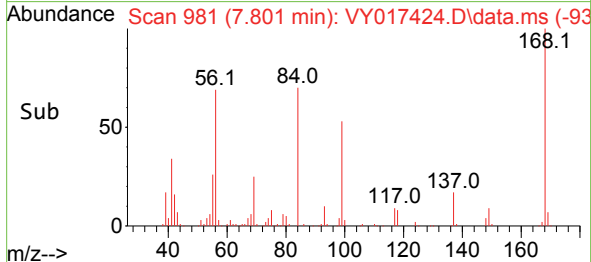
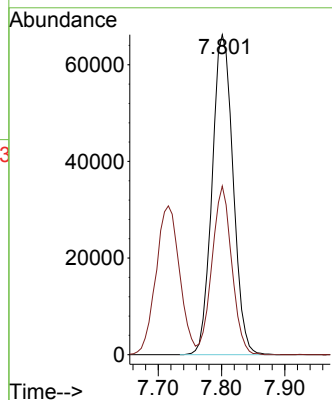
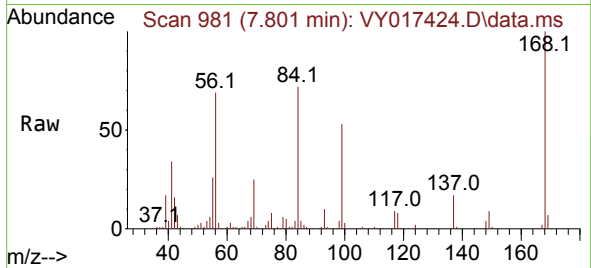




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
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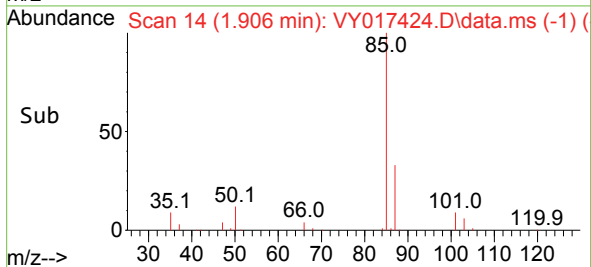
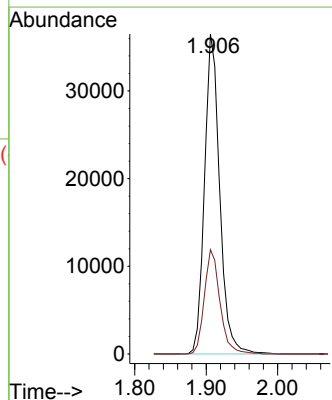
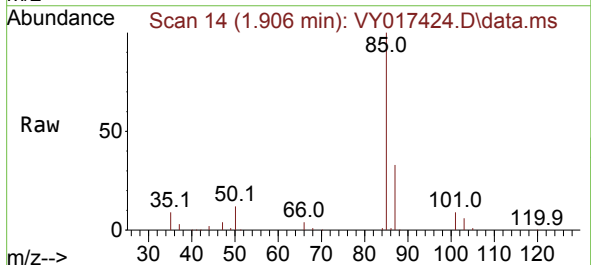
Instrument :
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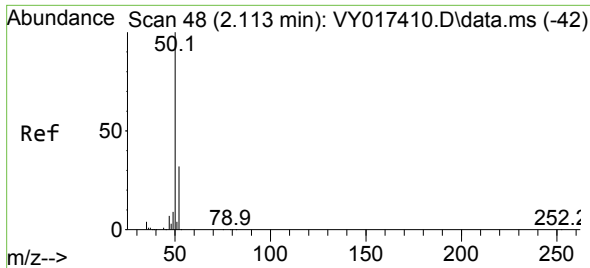
Tgt Ion:168 Resp: 152280
Ion Ratio Lower Upper
168 100
99 52.7 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 44.309 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY017424.D
Acq: 20 Feb 2024 16:18

Tgt Ion: 85 Resp: 53804
Ion Ratio Lower Upper
85 100
87 32.6 16.0 48.0

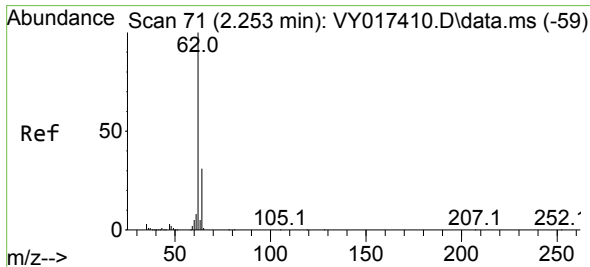
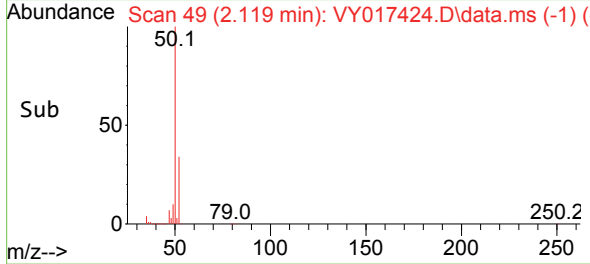
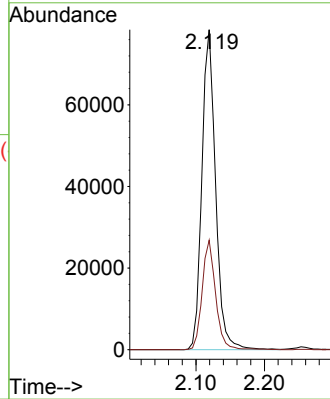
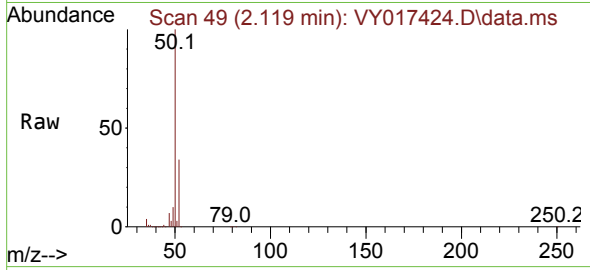




#3
Chloromethane
Concen: 44.083 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY017424.D
Acq: 20 Feb 2024 16:18

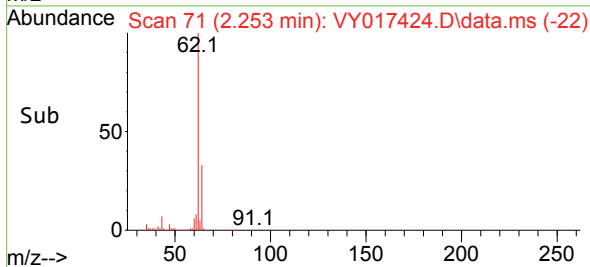
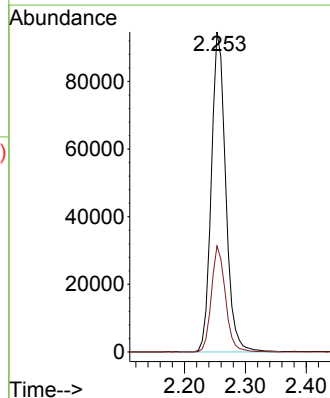
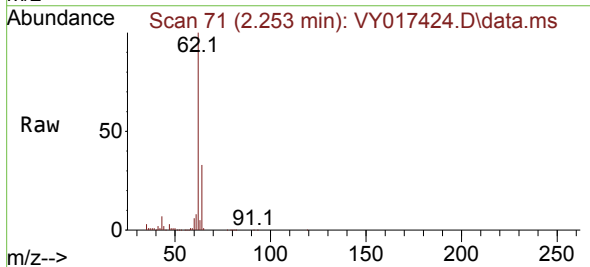
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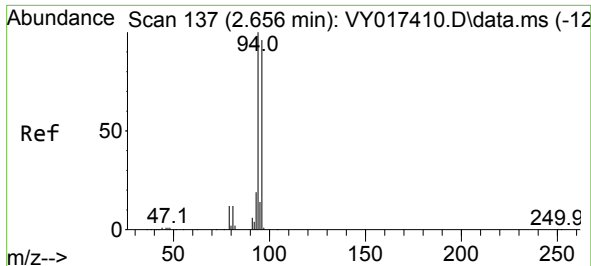
Tgt Ion: 50 Resp: 109247
Ion Ratio Lower Upper
50 100
52 34.2 25.6 38.4



#4
Vinyl Chloride
Concen: 48.049 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY017424.D
Acq: 20 Feb 2024 16:18

Tgt Ion: 62 Resp: 155033
Ion Ratio Lower Upper
62 100
64 33.1 26.1 39.1

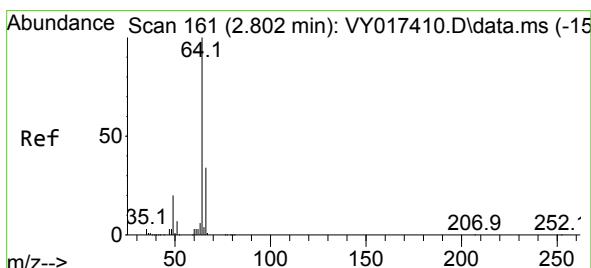
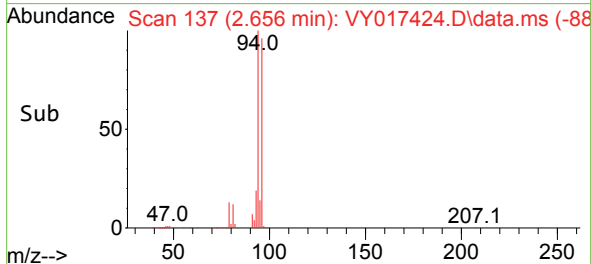
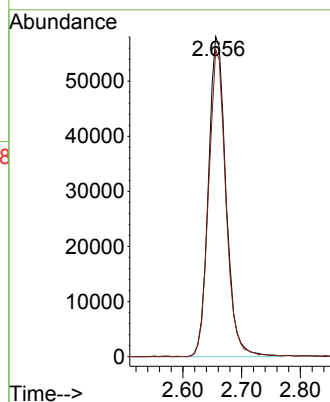
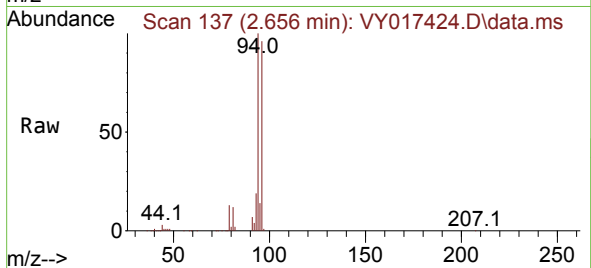




#5
Bromomethane
Concen: 51.075 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017424.D
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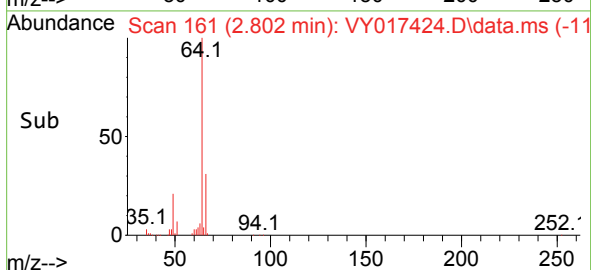
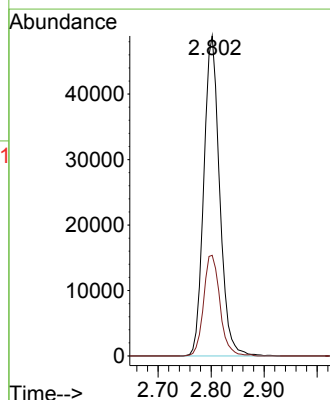
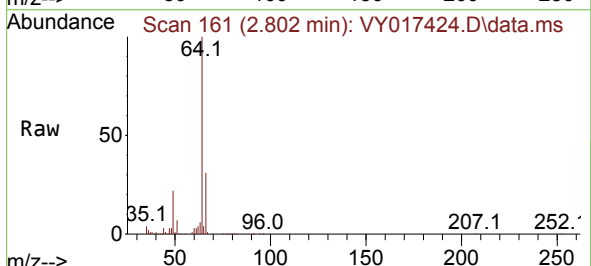
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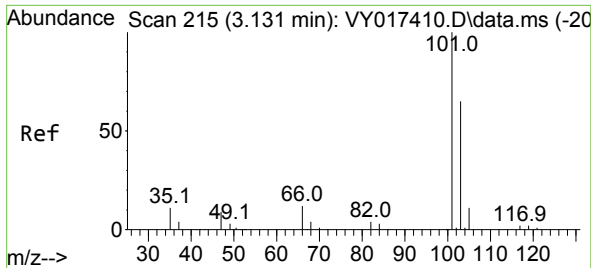
Tgt Ion: 94 Resp: 120929
Ion Ratio Lower Upper
94 100
96 95.8 74.1 111.1



#6
Chloroethane
Concen: 49.325 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY017424.D
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Tgt Ion: 64 Resp: 101383
Ion Ratio Lower Upper
64 100
66 31.5 26.1 39.1

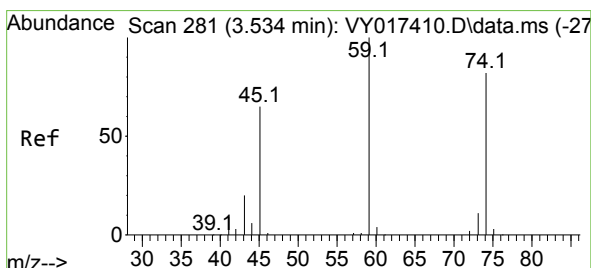
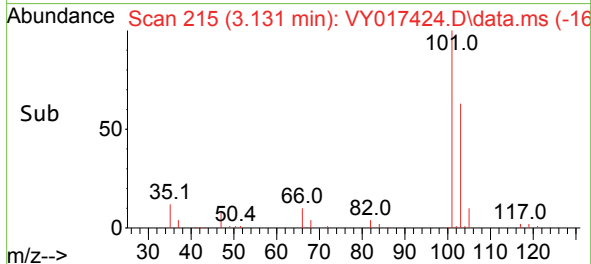
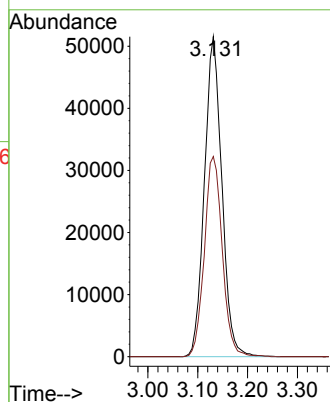
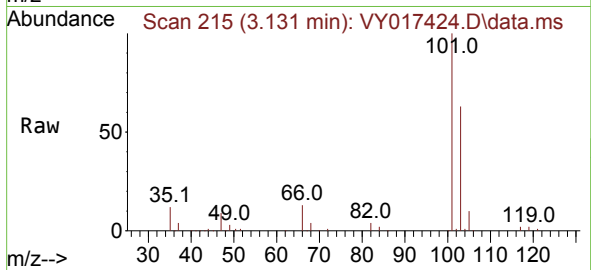




#7
 Trichlorofluoromethane
 Concen: 45.286 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. 0.000 min
 Lab File: VY017424.D
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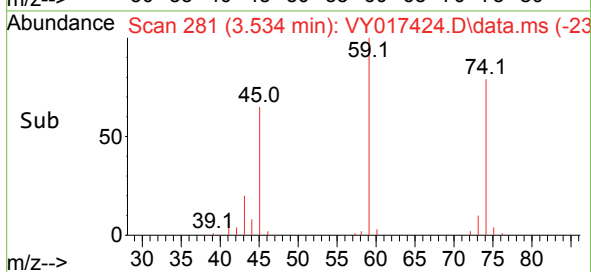
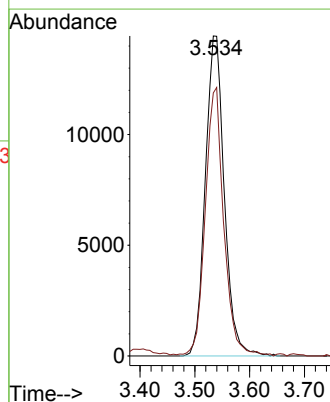
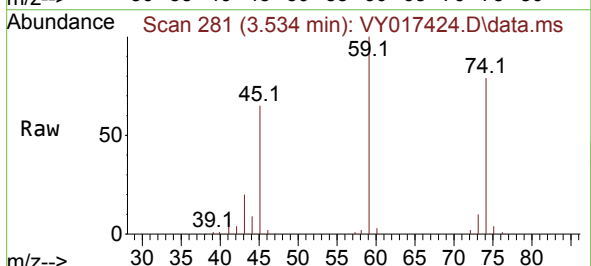
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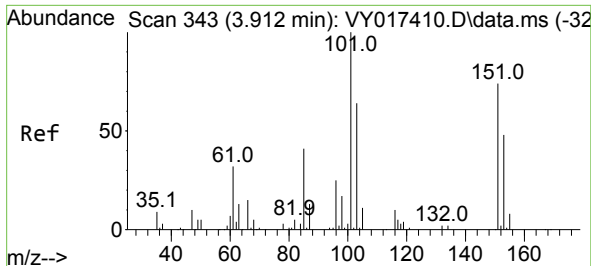
Tgt Ion:101 Resp: 125313
 Ion Ratio Lower Upper
 101 100
 103 62.6 49.3 73.9



#8
 Diethyl Ether
 Concen: 44.338 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 34677
 Ion Ratio Lower Upper
 74 100
 45 82.1 41.3 124.1

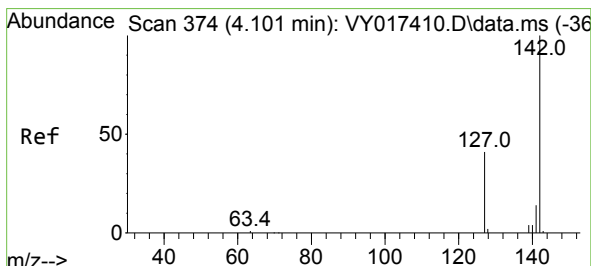
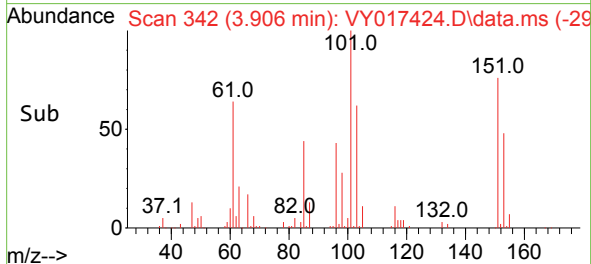
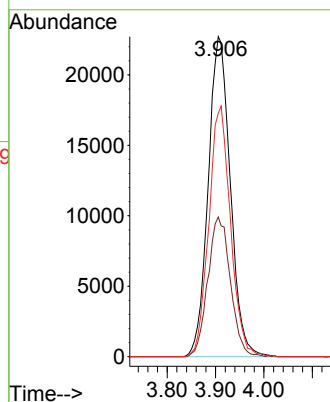
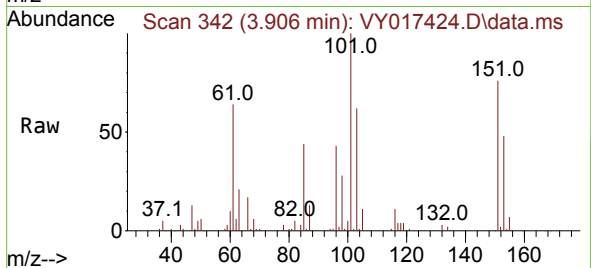




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.069 ug/l
RT: 3.906 min Scan# 342
Delta R.T. -0.006 min
Lab File: VY017424.D
Acq: 20 Feb 2024 16:18

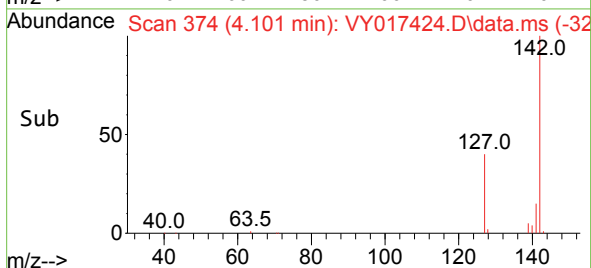
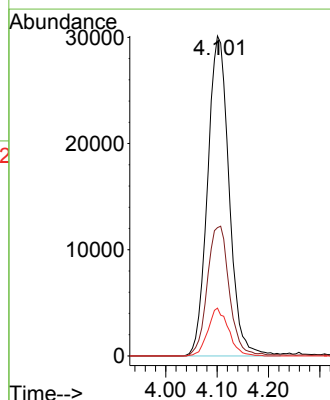
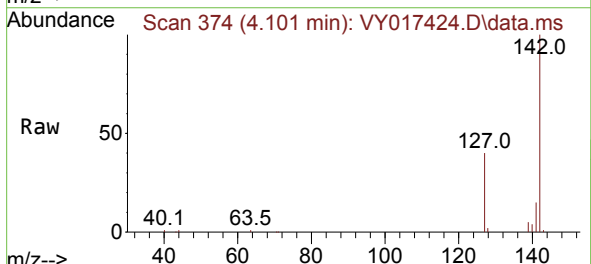
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

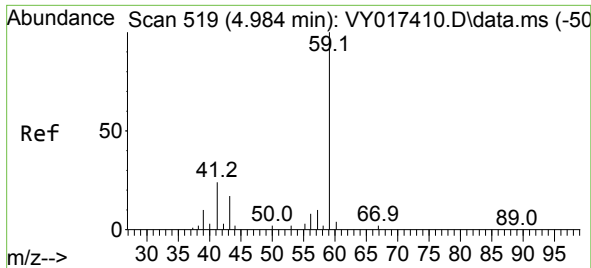
Tgt Ion:101 Resp: 72085
Ion Ratio Lower Upper
101 100
85 44.5 34.5 51.7
151 77.0 61.7 92.5



#10
Methyl Iodide
Concen: 51.500 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY017424.D
Acq: 20 Feb 2024 16:18

Tgt Ion:142 Resp: 87660
Ion Ratio Lower Upper
142 100
127 41.8 32.8 49.2
141 14.4 11.4 17.2

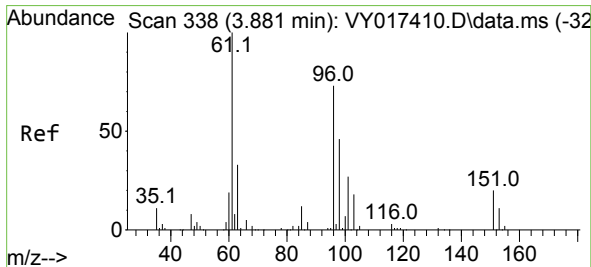
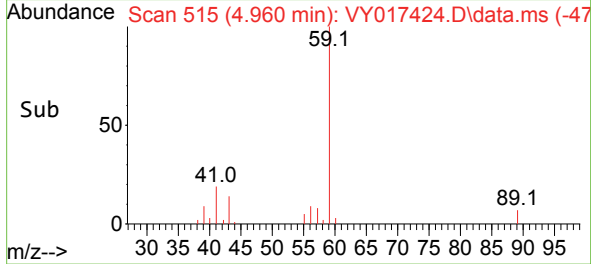
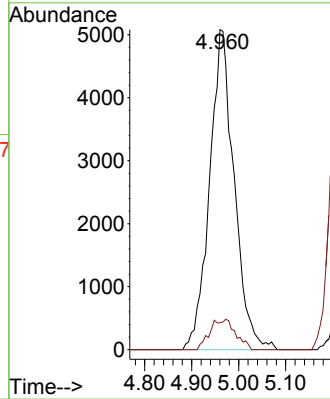
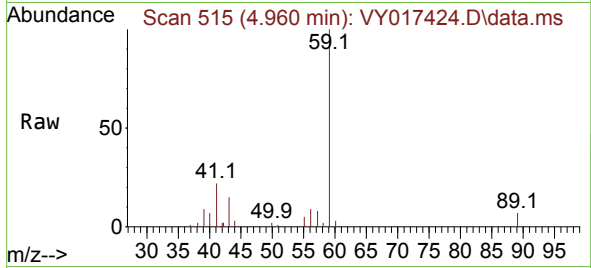




#11
Tert butyl alcohol
Concen: 182.351 ug/l
RT: 4.960 min Scan# 519
Delta R.T. -0.024 min
Lab File: VY017424.D
Acq: 20 Feb 2024 16:18

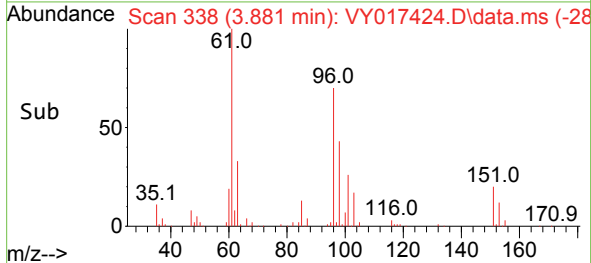
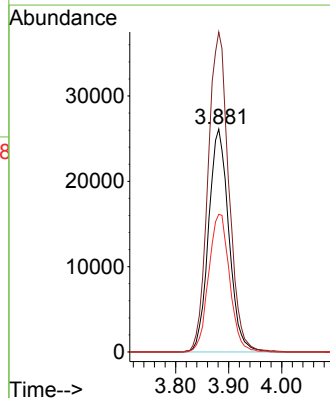
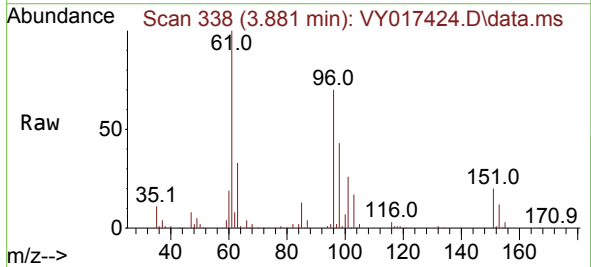
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

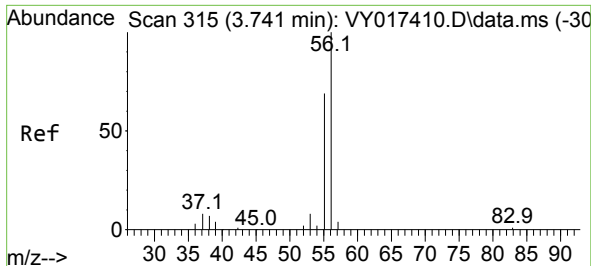
Tgt Ion: 59 Resp: 18445
Ion Ratio Lower Upper
59 100
57 9.9 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 46.236 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.000 min
Lab File: VY017424.D
Acq: 20 Feb 2024 16:18

Tgt Ion: 96 Resp: 69508
Ion Ratio Lower Upper
96 100
61 143.6 114.6 171.8
98 61.7 50.8 76.2

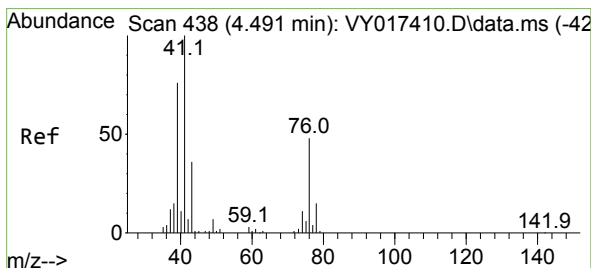
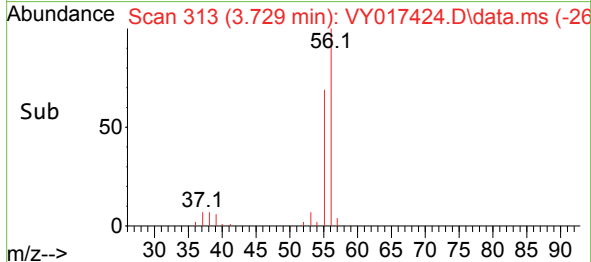
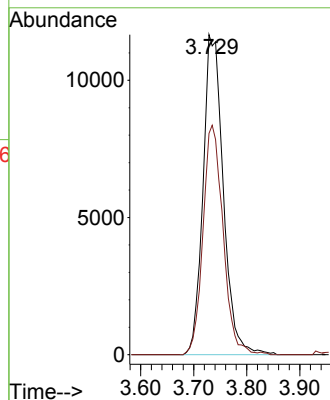
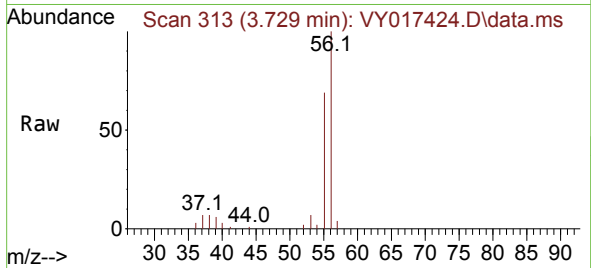




#13
Acrolein
Concen: 228.553 ug/l
RT: 3.729 min Scan# 315
Delta R.T. -0.012 min
Lab File: VY017424.D
Acq: 20 Feb 2024 16:18

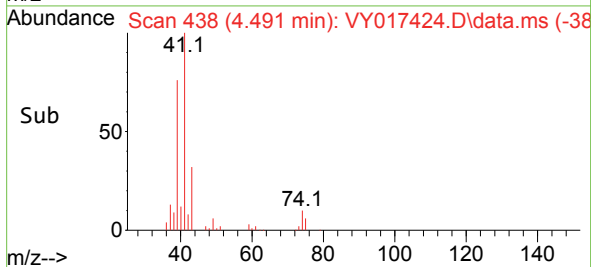
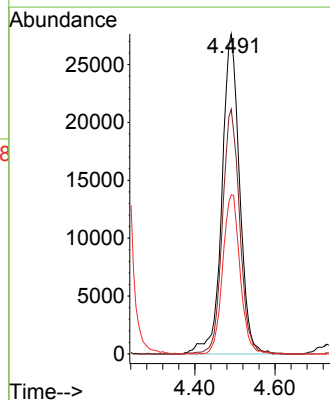
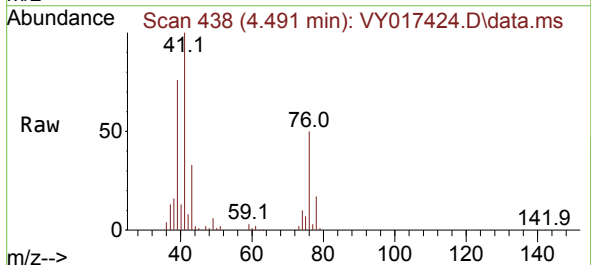
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

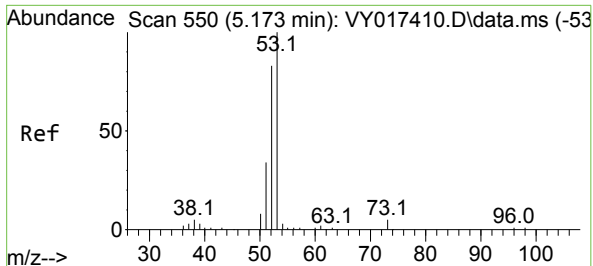
Tgt Ion: 56 Resp: 30937
Ion Ratio Lower Upper
56 100
55 70.9 55.7 83.5



#14
Allyl chloride
Concen: 46.369 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY017424.D
Acq: 20 Feb 2024 16:18

Tgt Ion: 41 Resp: 84492
Ion Ratio Lower Upper
41 100
39 75.0 58.3 87.5
76 49.0 39.0 58.6





#15

Acrylonitrile

Concen: 212.440 ug/l

RT: 5.174 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY017424.D

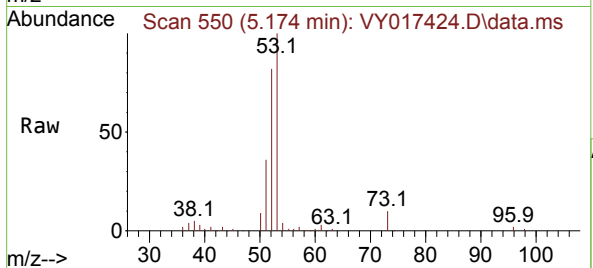
Acq: 20 Feb 2024 16:18

Instrument :

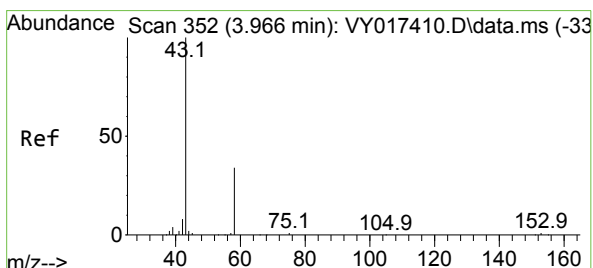
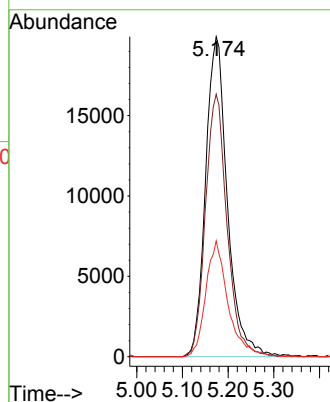
MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion:	53	Resp:	66057
Ion	Ratio	Lower	Upper
53	100		
52	81.3	64.7	97.1
51	36.9	28.4	42.6



#16

Acetone

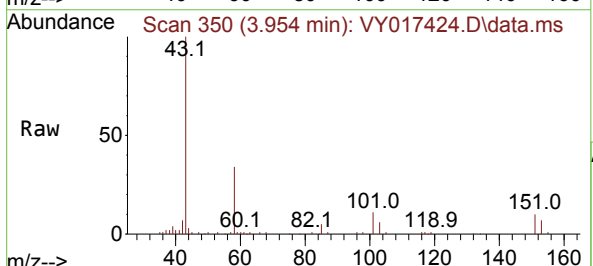
Concen: 221.624 ug/l

RT: 3.954 min Scan# 350

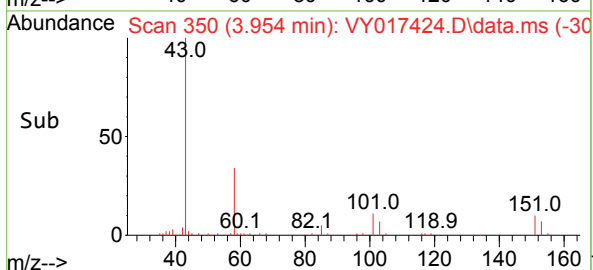
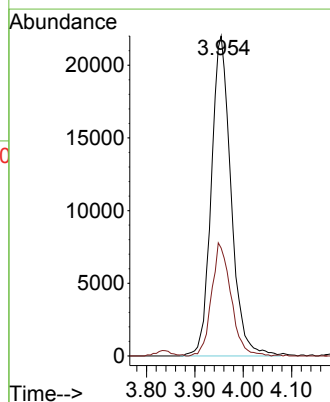
Delta R.T. -0.012 min

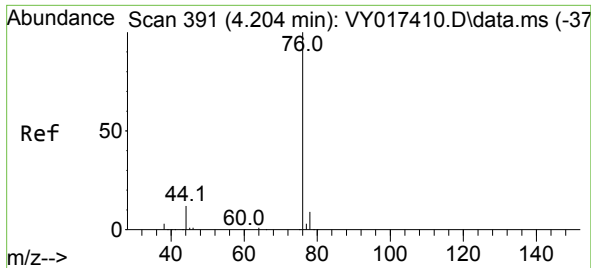
Lab File: VY017424.D

Acq: 20 Feb 2024 16:18



Tgt Ion:	43	Resp:	62440
Ion	Ratio	Lower	Upper
43	100		
58	33.4	31.7	47.5

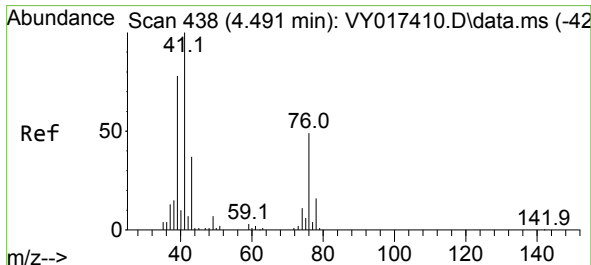
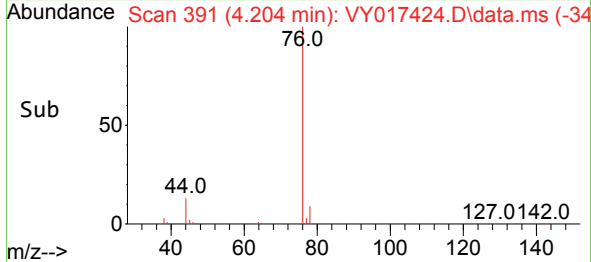
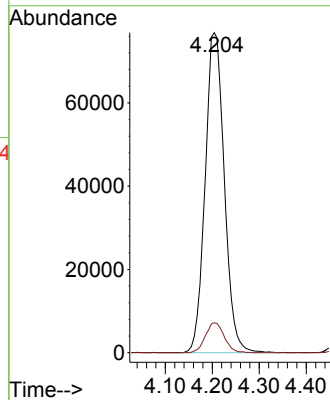
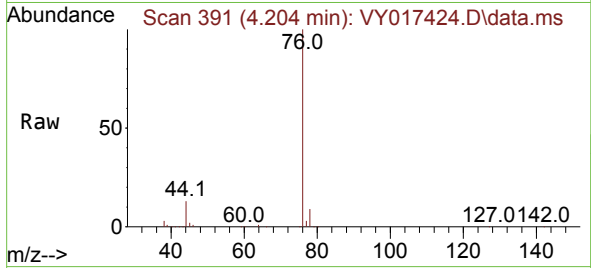




#17
Carbon Disulfide
Concen: 45.594 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY017424.D
Acq: 20 Feb 2024 16:18

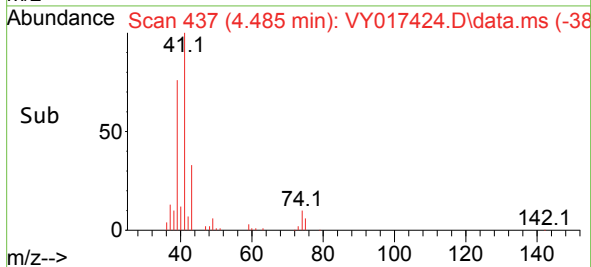
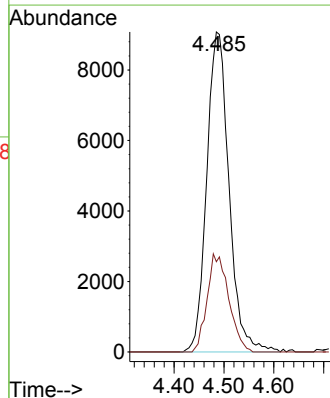
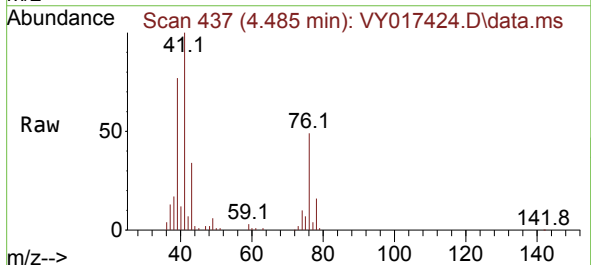
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

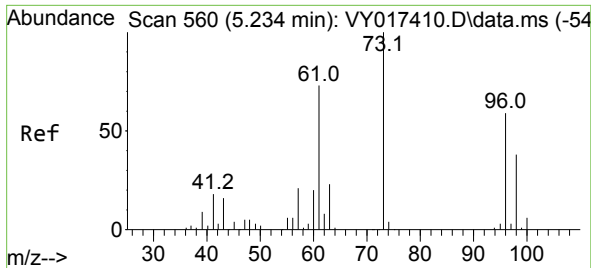
Tgt Ion: 76 Resp: 217760
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2



#18
Methyl Acetate
Concen: 44.046 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY017424.D
Acq: 20 Feb 2024 16:18

Tgt Ion: 43 Resp: 28140
Ion Ratio Lower Upper
43 100
74 29.8 23.3 34.9

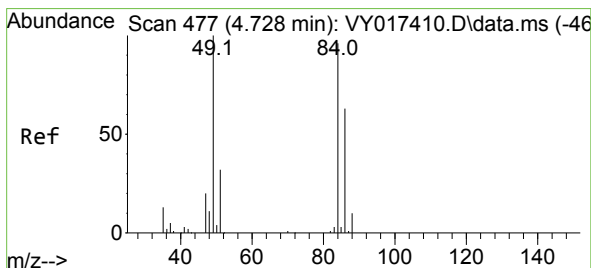
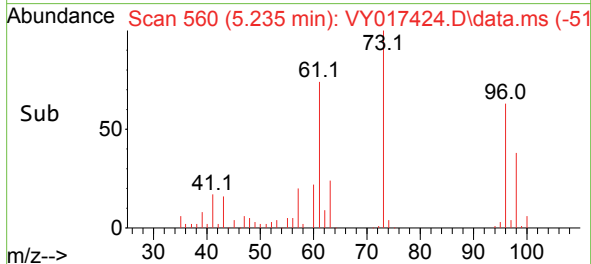
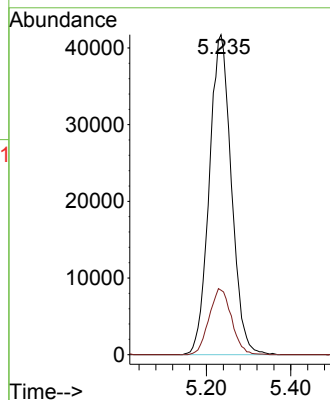
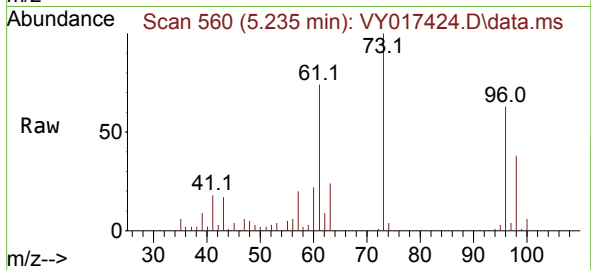




#19
Methyl tert-butyl Ether
Concen: 44.703 ug/l
RT: 5.235 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017424.D
Acq: 20 Feb 2024 16:18

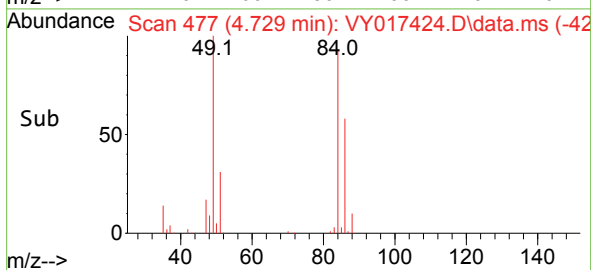
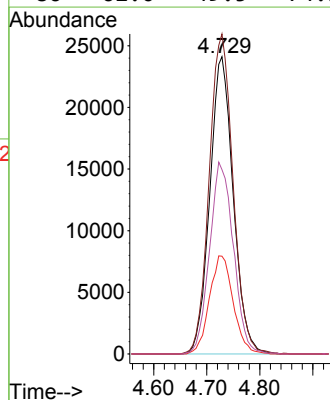
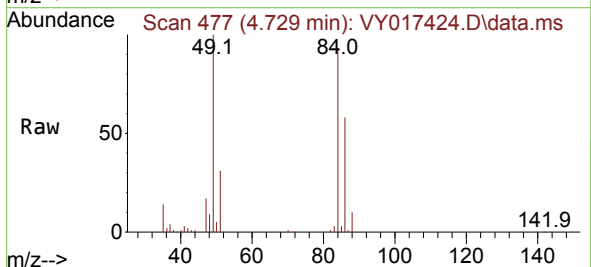
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

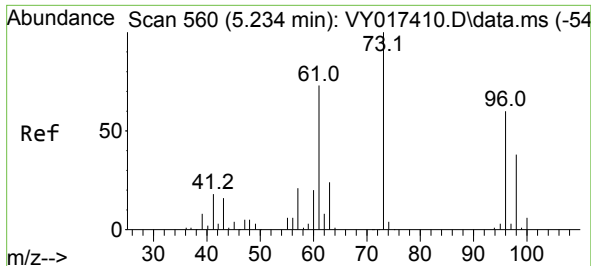
Tgt Ion: 73 Resp: 151803
Ion Ratio Lower Upper
73 100
57 20.2 17.3 25.9



#20
Methylene Chloride
Concen: 41.737 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.001 min
Lab File: VY017424.D
Acq: 20 Feb 2024 16:18

Tgt Ion: 84 Resp: 73981
Ion Ratio Lower Upper
84 100
49 107.7 84.4 126.6
51 32.9 26.0 39.0
86 62.0 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 46.175 ug/l

RT: 5.235 min Scan# 5

Delta R.T. 0.000 min

Lab File: VY017424.D

Acq: 20 Feb 2024 16:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

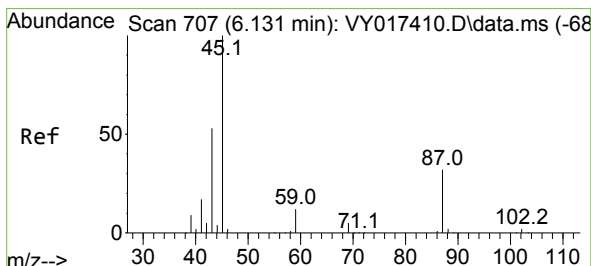
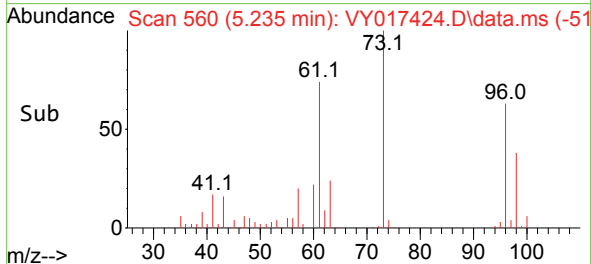
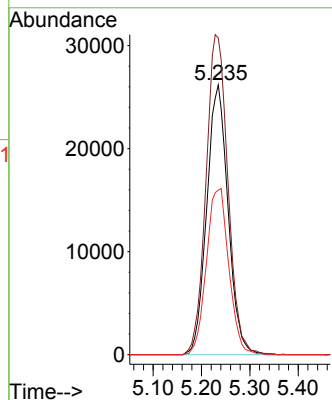
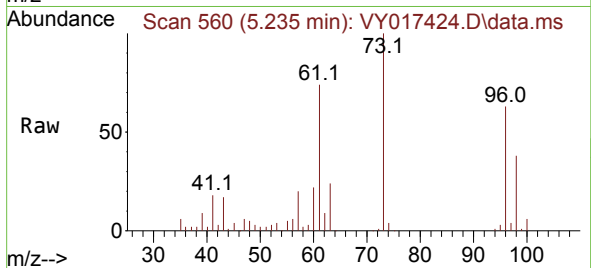
Tgt Ion: 96 Resp: 80289

Ion Ratio Lower Upper

96 100

61 117.4 97.5 146.3

98 61.0 50.5 75.7



#22

Diisopropyl ether

Concen: 46.462 ug/l

RT: 6.131 min Scan# 707

Delta R.T. 0.000 min

Lab File: VY017424.D

Acq: 20 Feb 2024 16:18

Tgt Ion: 45 Resp: 194721

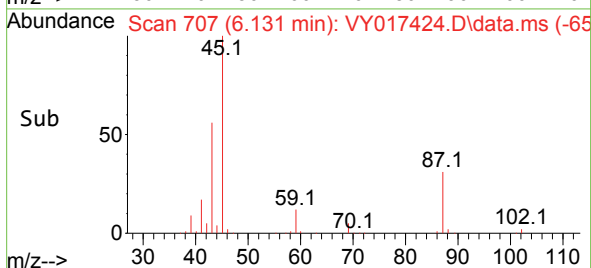
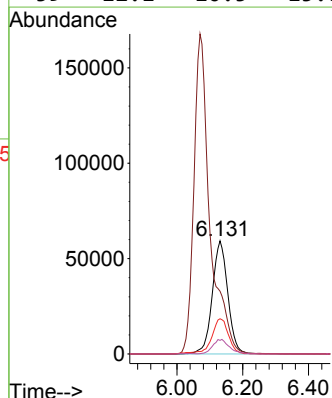
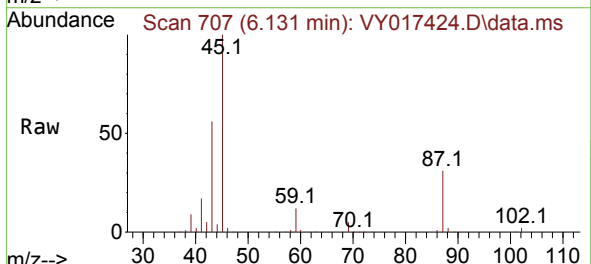
Ion Ratio Lower Upper

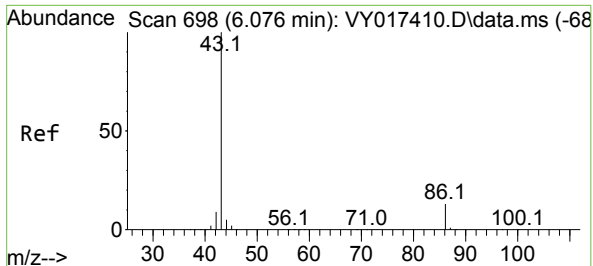
45 100

43 55.3 42.2 63.2

87 31.1 25.0 37.6

59 12.1 10.5 15.7

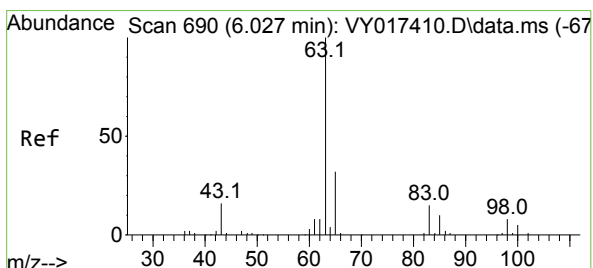
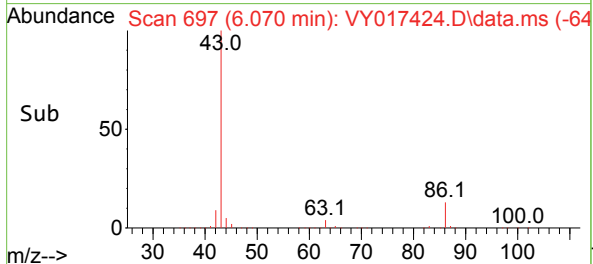
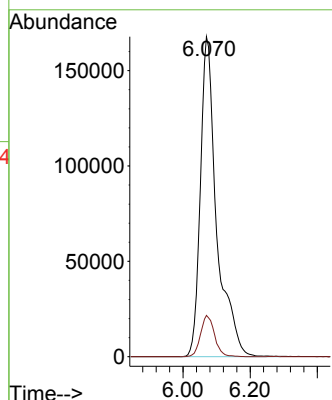
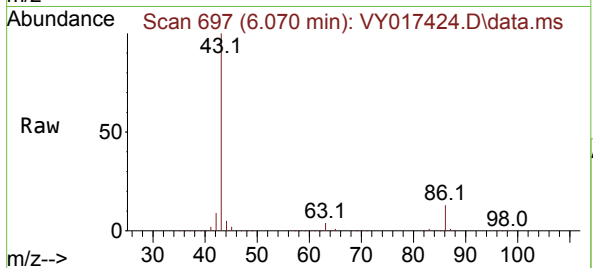




#23
 Vinyl Acetate
 Concen: 227.210 ug/l
 RT: 6.070 min Scan# 698
 Delta R.T. -0.006 min
 Lab File: VY017424.D
 Acq: 20 Feb 2024 16:18

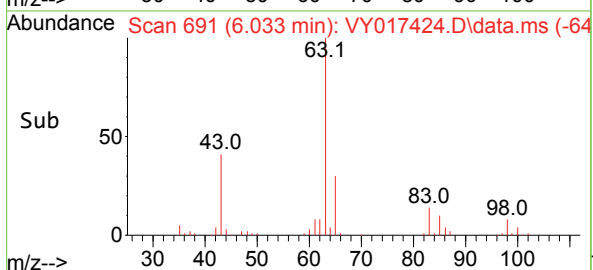
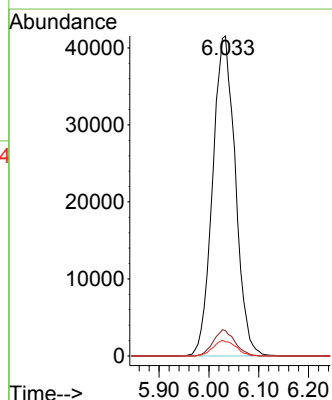
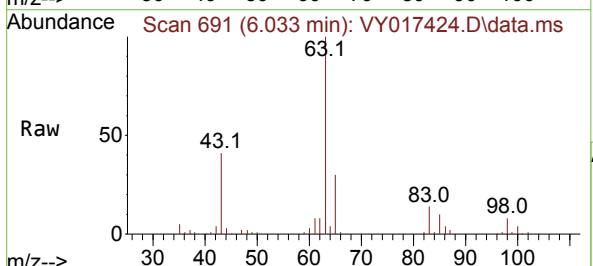
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

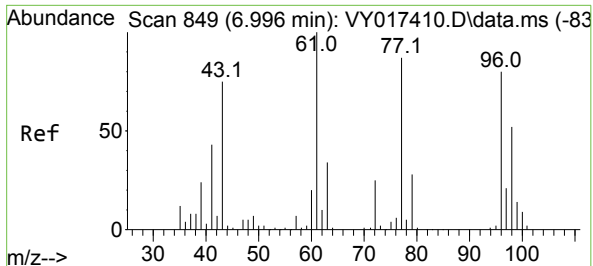
Tgt Ion: 43 Resp: 565913
 Ion Ratio Lower Upper
 43 100
 86 12.9 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 46.207 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.006 min
 Lab File: VY017424.D
 Acq: 20 Feb 2024 16:18

Tgt Ion: 63 Resp: 131291
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.0 12.2
 100 4.4 2.6 8.0





#25

2-Butanone

Concen: 213.586 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY017424.D

Acq: 20 Feb 2024 16:18

Instrument :

MSVOA_Y

ClientSampleId :

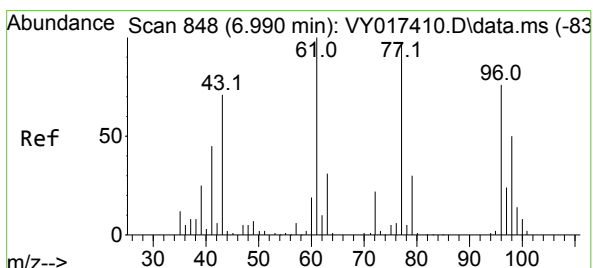
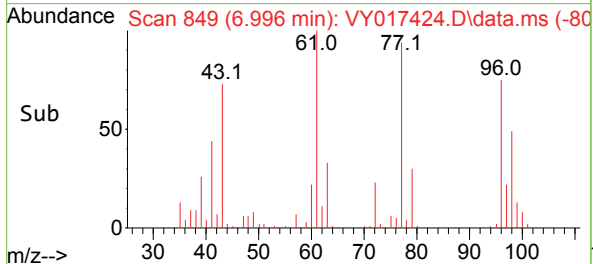
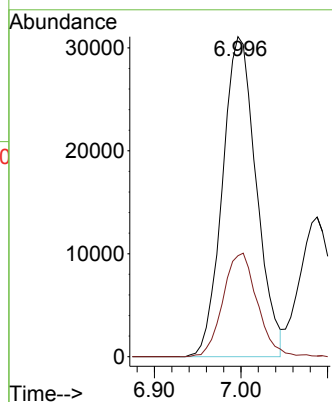
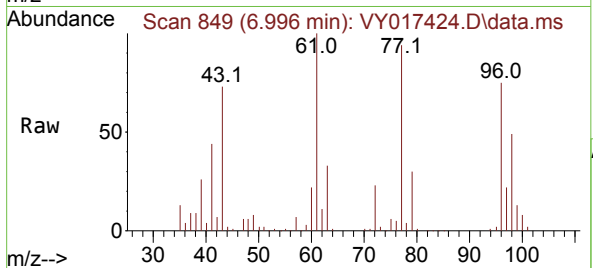
VSTDCCC050EC

Tgt Ion: 43 Resp: 84468

Ion Ratio Lower Upper

43 100

72 31.5 27.3 40.9



#26

2,2-Dichloropropane

Concen: 47.707 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY017424.D

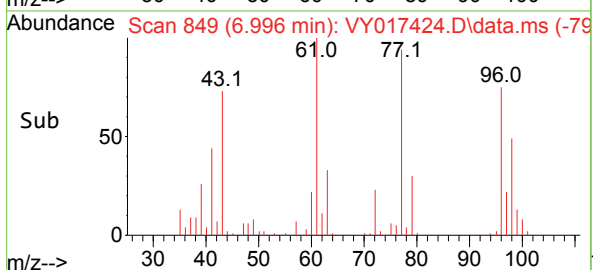
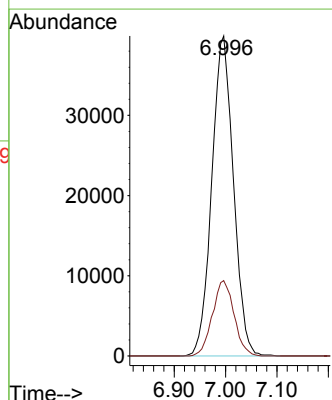
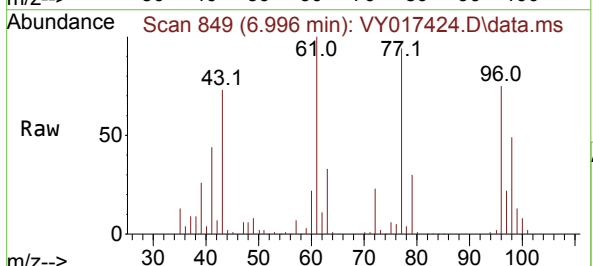
Acq: 20 Feb 2024 16:18

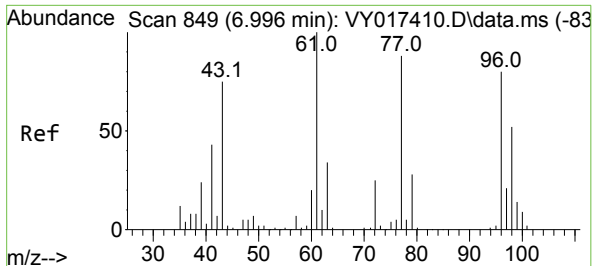
Tgt Ion: 77 Resp: 116637

Ion Ratio Lower Upper

77 100

97 23.5 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 46.380 ug/l

RT: 7.003 min Scan# 81

Delta R.T. 0.006 min

Lab File: VY017424.D

Acq: 20 Feb 2024 16:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

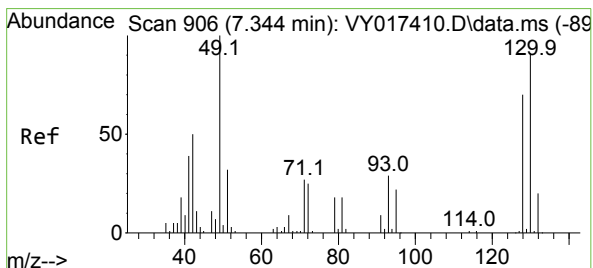
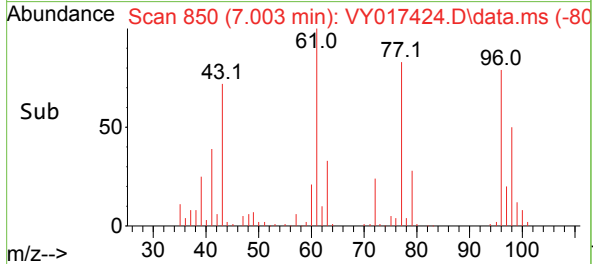
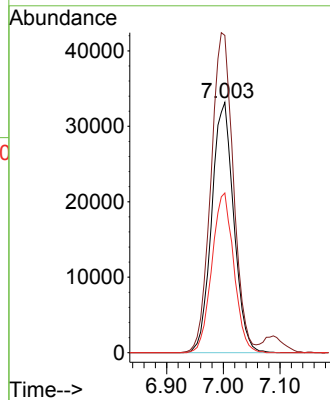
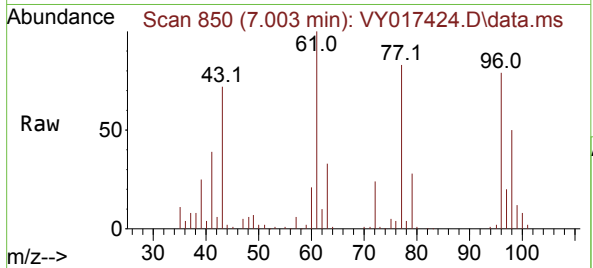
Tgt Ion: 96 Resp: 89571

Ion Ratio Lower Upper

96 100

61 130.2 0.0 256.2

98 63.5 0.0 130.0



#28

Bromochloromethane

Concen: 42.264 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY017424.D

Acq: 20 Feb 2024 16:18

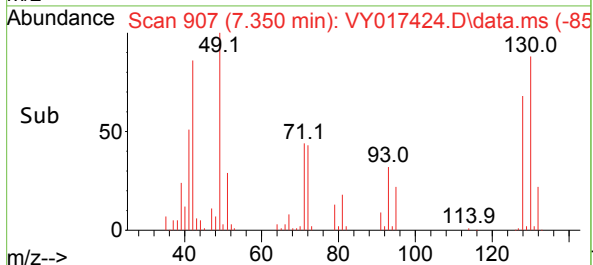
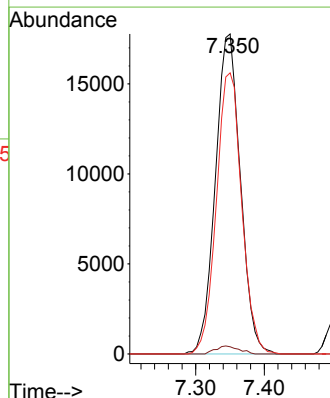
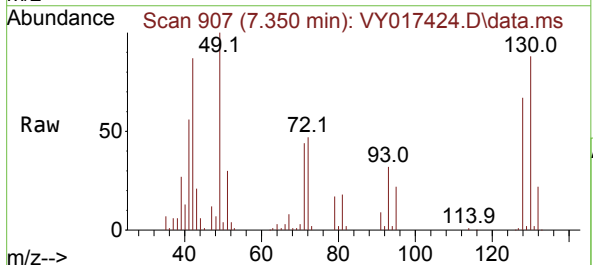
Tgt Ion: 49 Resp: 45057

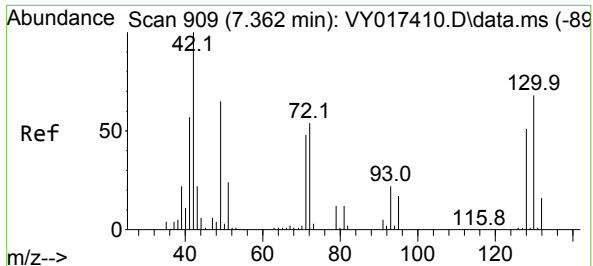
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 88.7 72.7 109.1





#29

Tetrahydrofuran

Concen: 213.757 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY017424.D

Acq: 20 Feb 2024 16:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

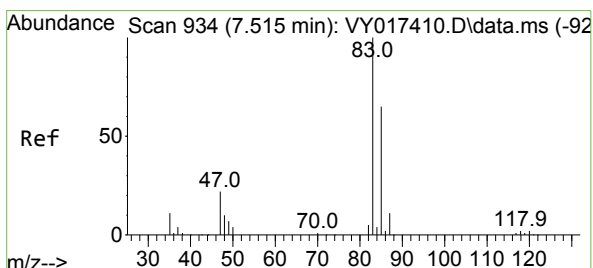
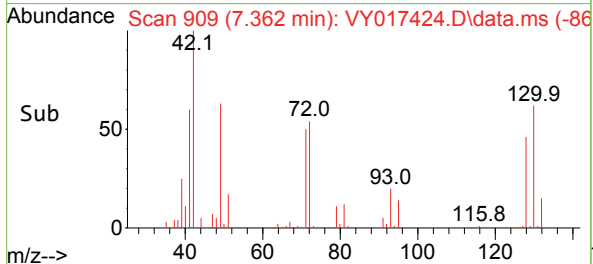
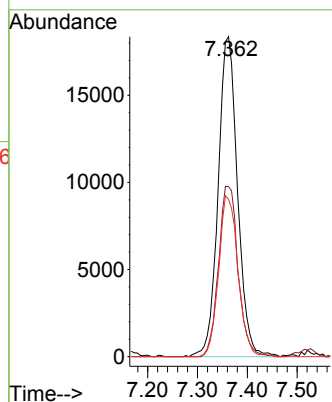
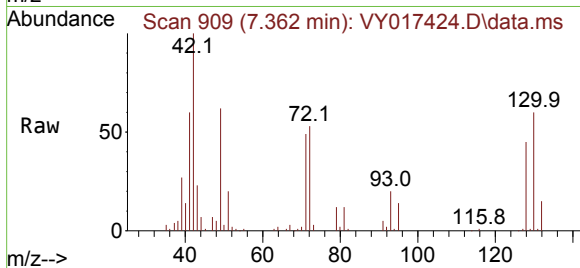
Tgt Ion: 42 Resp: 49695

Ion Ratio Lower Upper

42 100

72 53.7 43.0 64.4

71 50.0 40.8 61.2



#30

Chloroform

Concen: 45.592 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY017424.D

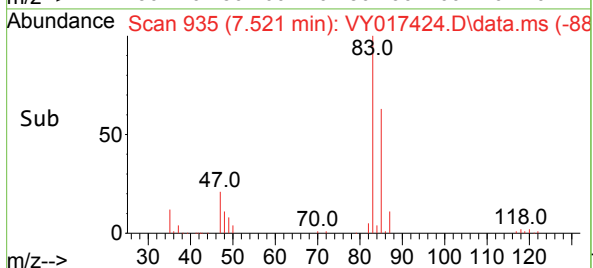
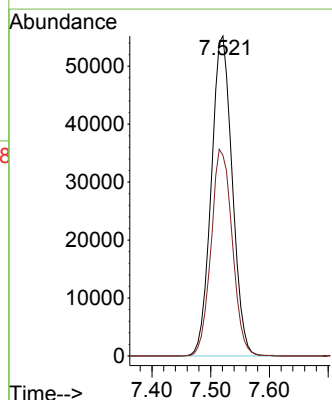
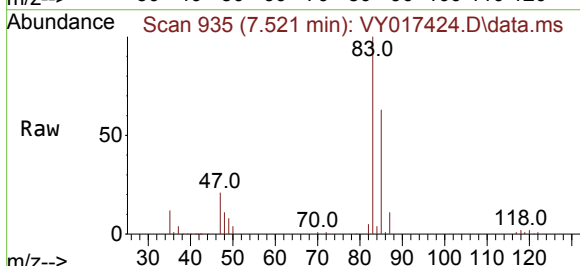
Acq: 20 Feb 2024 16:18

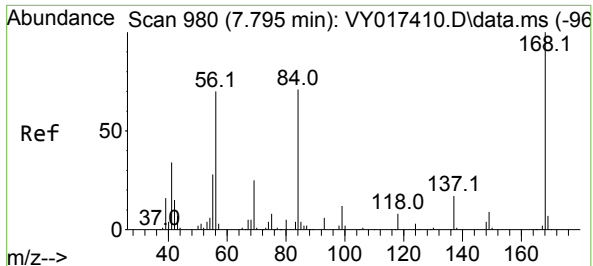
Tgt Ion: 83 Resp: 136748

Ion Ratio Lower Upper

83 100

85 62.7 52.2 78.4

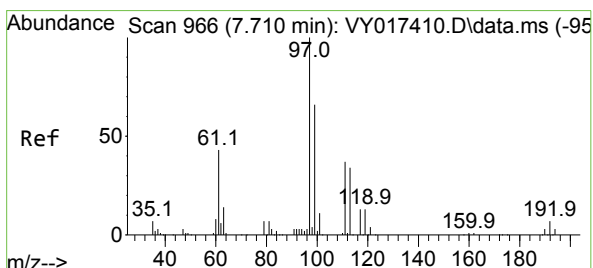
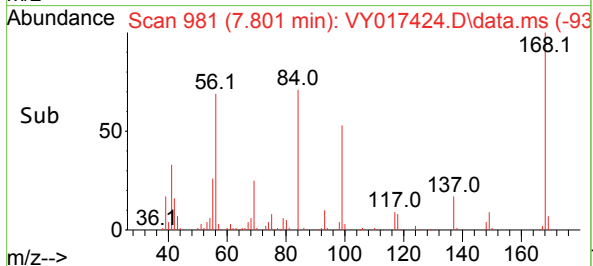
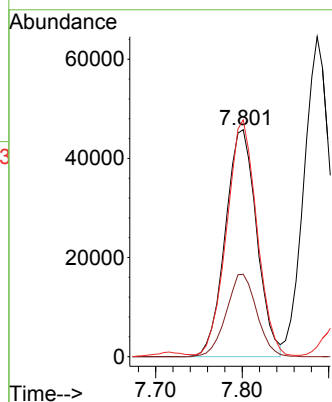
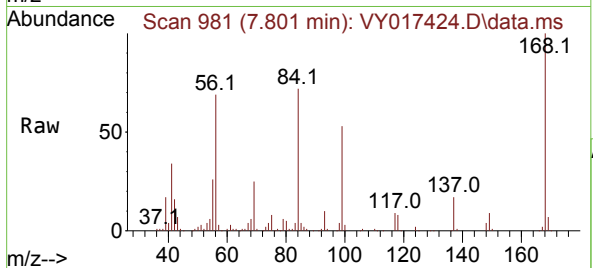




#31
Cyclohexane
Concen: 44.830 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY017424.D
Acq: 20 Feb 2024 16:18

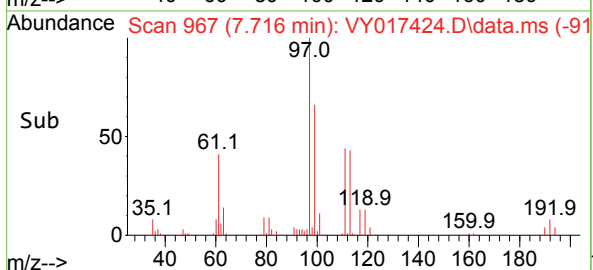
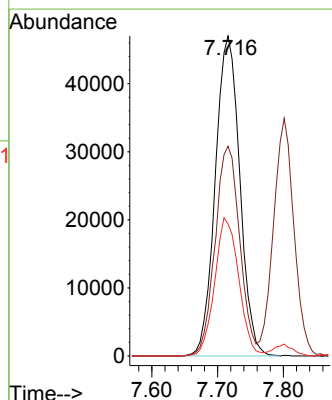
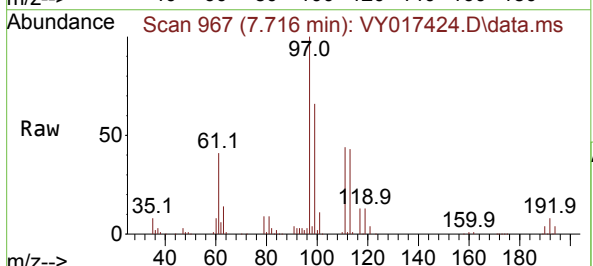
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

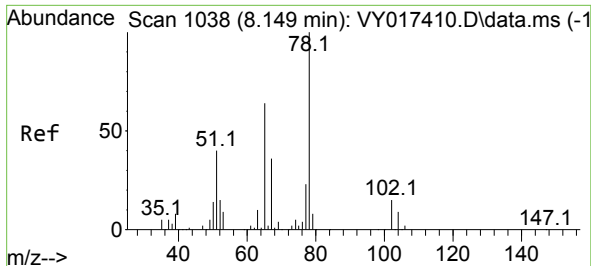
Tgt Ion: 56 Resp: 115452
Ion Ratio Lower Upper
56 100
69 36.2 28.7 43.1
84 102.7 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 46.006 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY017424.D
Acq: 20 Feb 2024 16:18

Tgt Ion: 97 Resp: 121882
Ion Ratio Lower Upper
97 100
99 65.8 50.3 75.5
61 42.5 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 51.313 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY017424.D

Acq: 20 Feb 2024 16:18

Instrument :

MSVOA_Y

ClientSampleId :

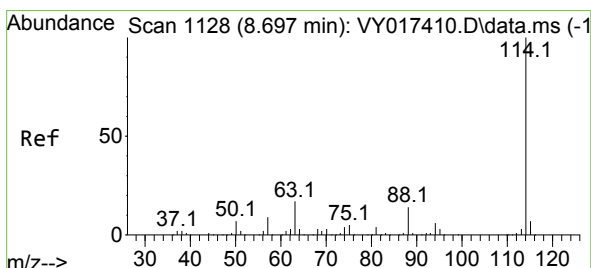
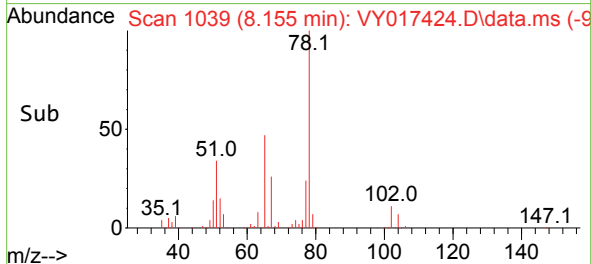
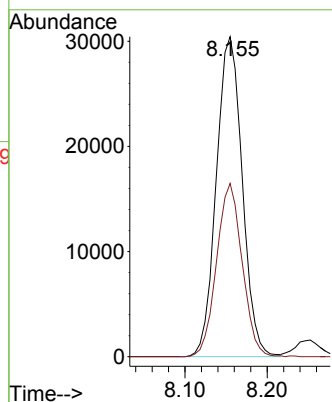
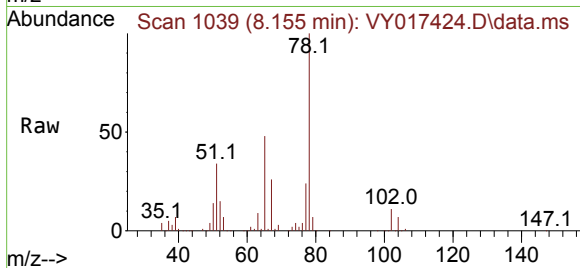
VSTDCCC050EC

Tgt Ion: 65 Resp: 66753

Ion Ratio Lower Upper

65 100

67 53.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY017424.D

Acq: 20 Feb 2024 16:18

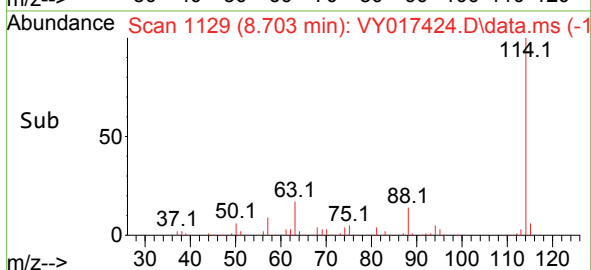
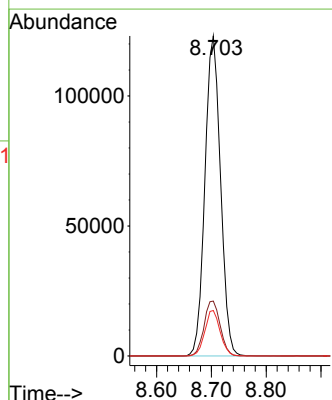
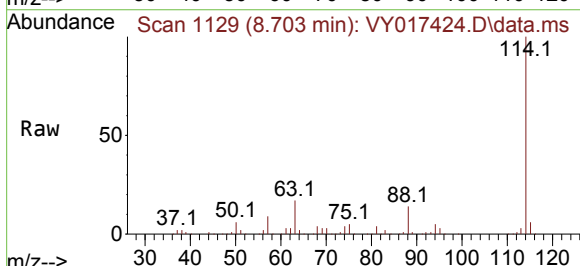
Tgt Ion: 114 Resp: 242262

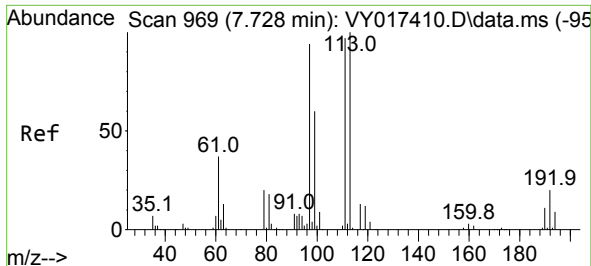
Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

88 14.2 0.0 27.2

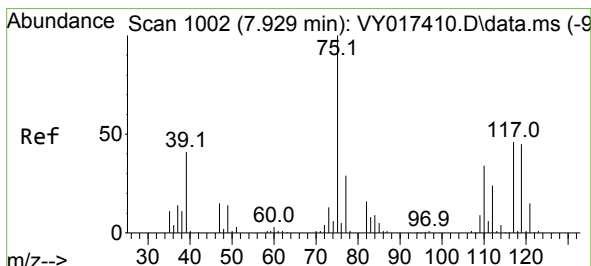
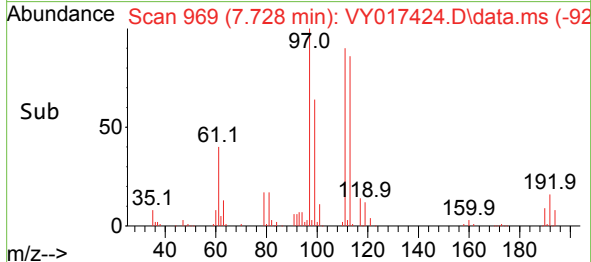
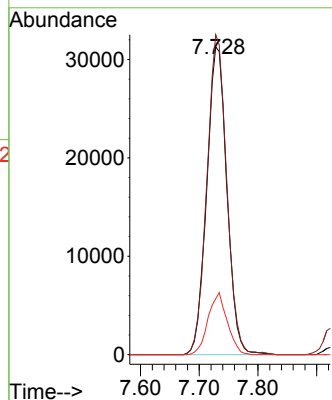
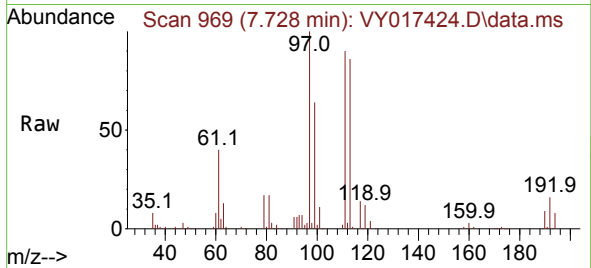




#35
 Dibromofluoromethane
 Concen: 52.545 ug/l
 RT: 7.728 min Scan# 969
 Delta R.T. 0.000 min
 Lab File: VY017424.D
 Acq: 20 Feb 2024 16:18

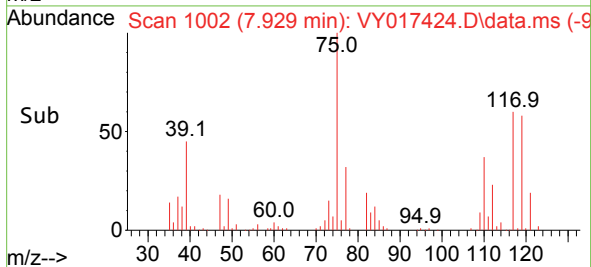
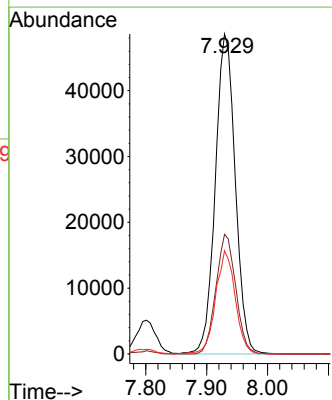
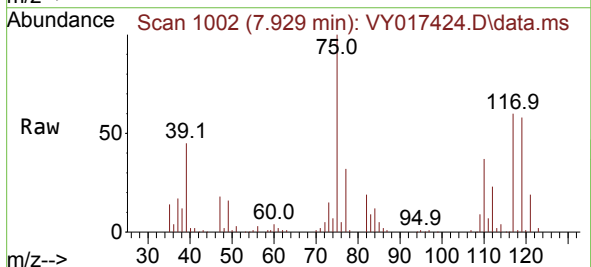
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

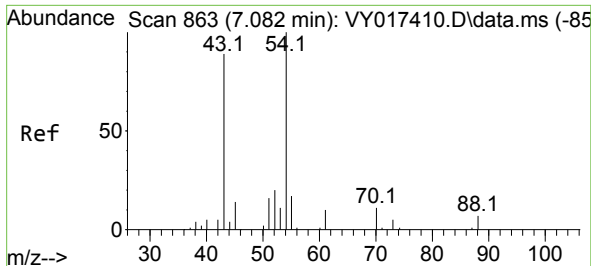
Tgt Ion:113 Resp: 74515
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.2 123.4
 192 19.2 15.9 23.9



#36
 1,1-Dichloropropene
 Concen: 46.824 ug/l
 RT: 7.929 min Scan# 1002
 Delta R.T. 0.000 min
 Lab File: VY017424.D
 Acq: 20 Feb 2024 16:18

Tgt Ion: 75 Resp: 110900
 Ion Ratio Lower Upper
 75 100
 110 37.0 19.0 57.0
 77 31.6 25.3 37.9





#37

Ethyl Acetate

Concen: 42.145 ug/l

RT: 7.088 min Scan# 864

Delta R.T. 0.006 min

Lab File: VY017424.D

Acq: 20 Feb 2024 16:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

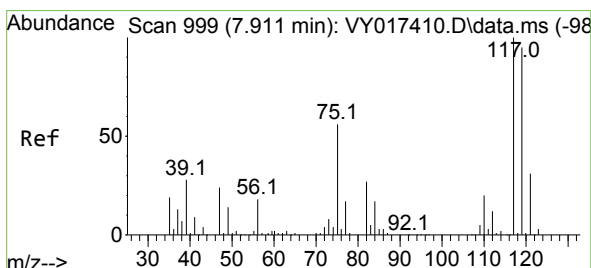
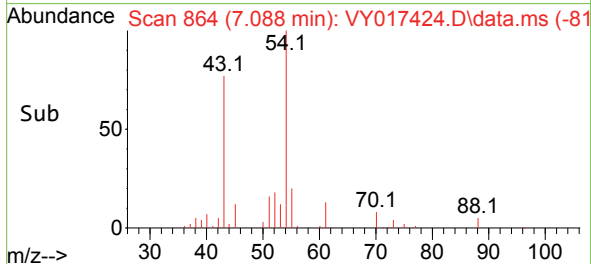
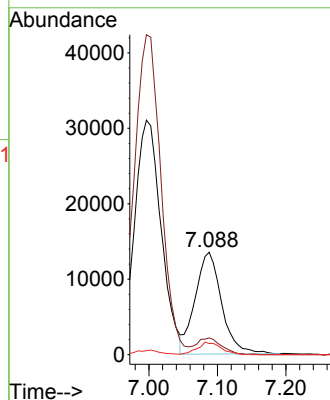
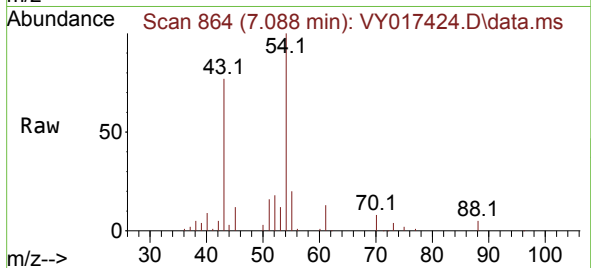
Tgt Ion: 43 Resp: 36346

Ion Ratio Lower Upper

43 100

61 15.6 12.6 19.0

70 11.0 7.8 11.8



#38

Carbon Tetrachloride

Concen: 46.957 ug/l

RT: 7.911 min Scan# 999

Delta R.T. 0.000 min

Lab File: VY017424.D

Acq: 20 Feb 2024 16:18

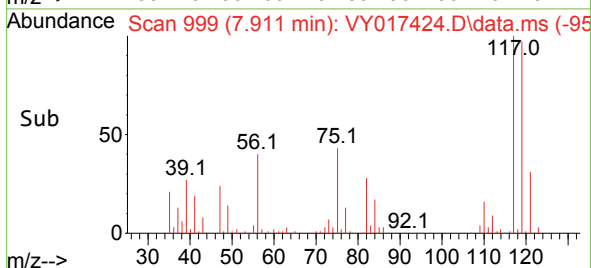
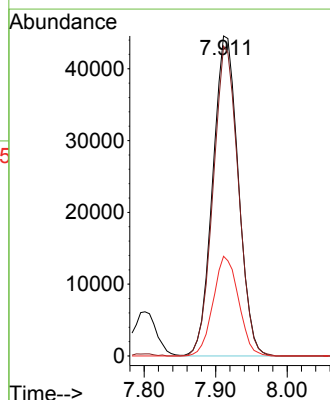
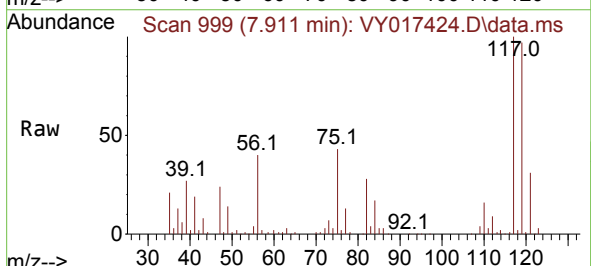
Tgt Ion: 117 Resp: 110729

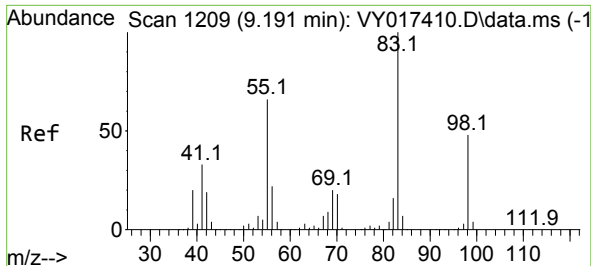
Ion Ratio Lower Upper

117 100

119 96.9 75.8 113.6

121 31.1 24.0 36.0





#39

Methylcyclohexane

Concen: 47.606 ug/l

RT: 9.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017424.D

Acq: 20 Feb 2024 16:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

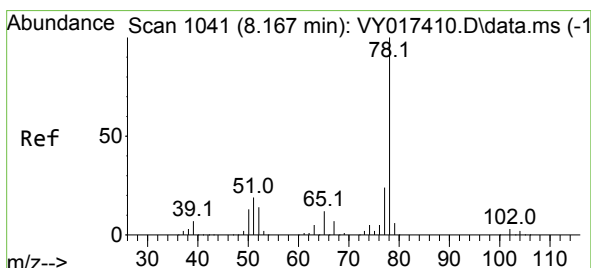
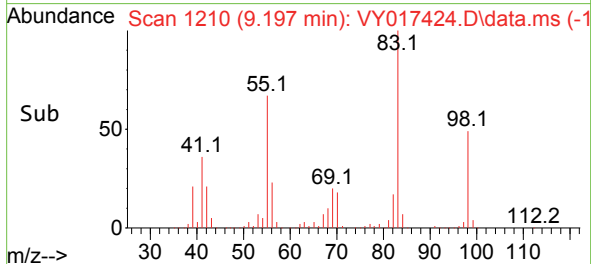
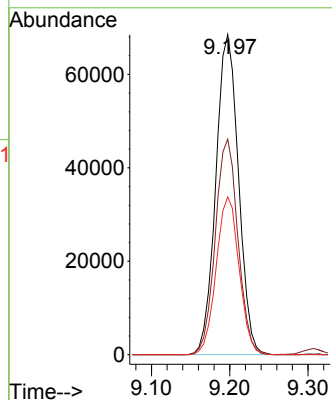
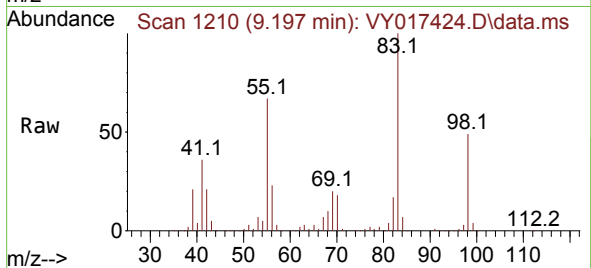
Tgt Ion: 83 Resp: 138016

Ion Ratio Lower Upper

83 100

55 67.4 51.5 77.3

98 49.3 40.5 60.7



#40

Benzene

Concen: 46.151 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VY017424.D

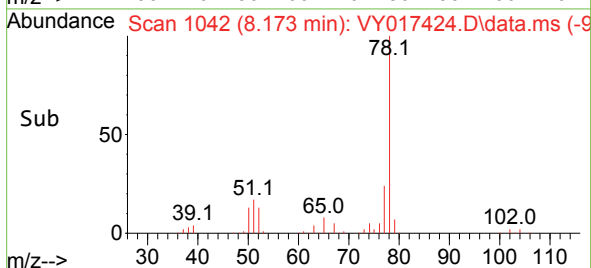
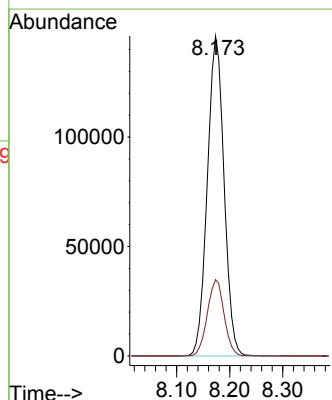
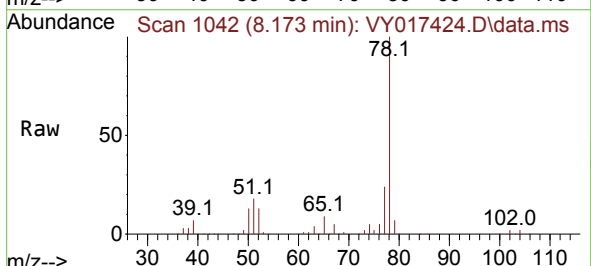
Acq: 20 Feb 2024 16:18

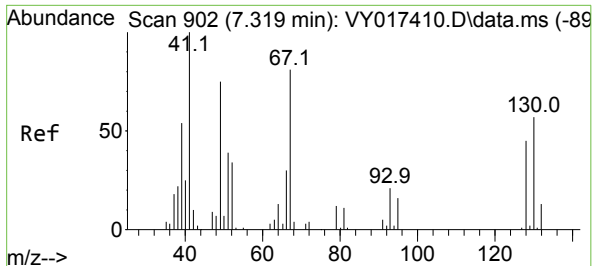
Tgt Ion: 78 Resp: 319360

Ion Ratio Lower Upper

78 100

77 23.8 19.5 29.3

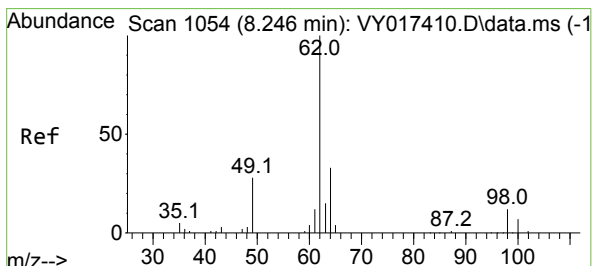
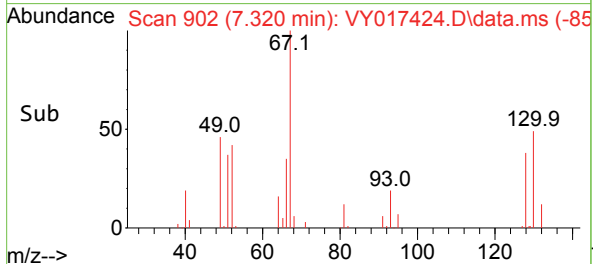
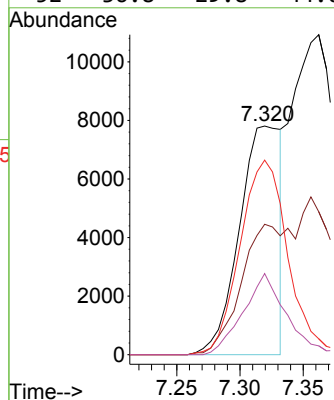
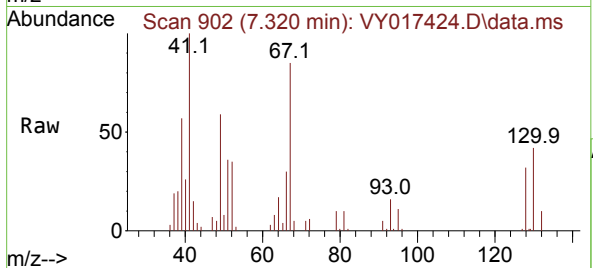




#41
Methacrylonitrile
Concen: 42.472 ug/l
RT: 7.320 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY017424.D
Acq: 20 Feb 2024 16:18

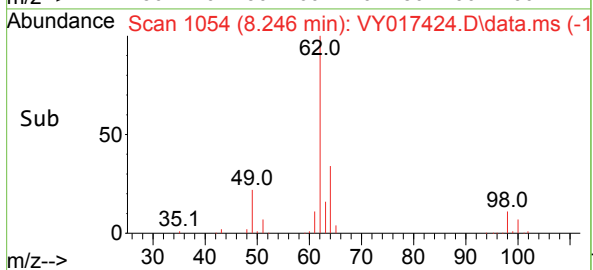
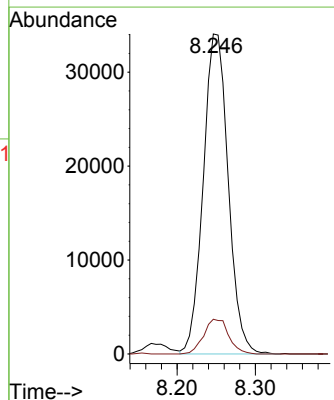
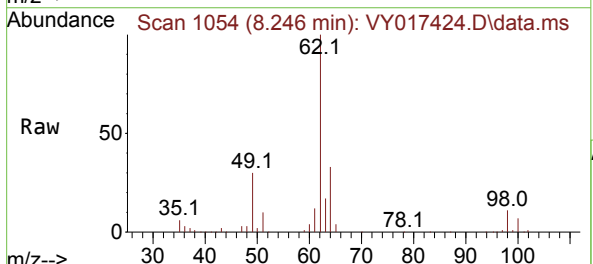
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

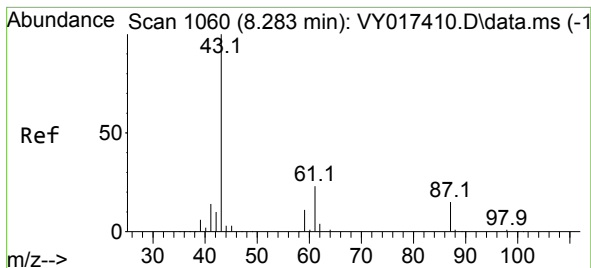
Tgt Ion:	41	Resp:	17888
Ion	Ratio	Lower	Upper
41	100		
39	54.2	48.0	72.0
67	98.3	75.1	112.7
52	36.8	29.8	44.6



#42
1,2-Dichloroethane
Concen: 44.924 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY017424.D
Acq: 20 Feb 2024 16:18

Tgt Ion:	62	Resp:	75458
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	22.0





#43

Isopropyl Acetate

Concen: 43.898 ug/l

RT: 8.283 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VY017424.D

Acq: 20 Feb 2024 16:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

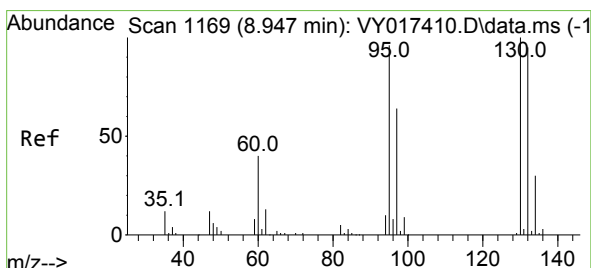
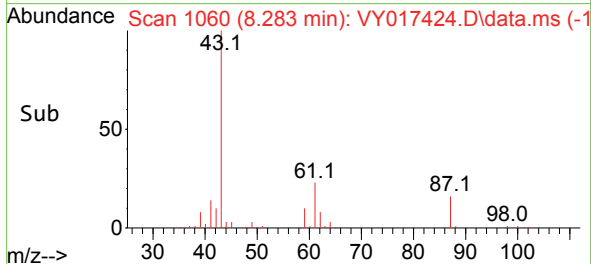
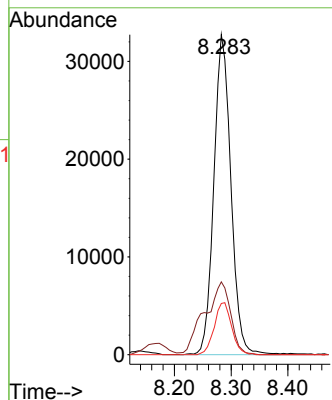
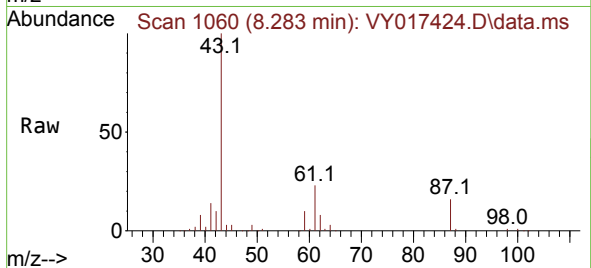
Tgt Ion: 43 Resp: 68414

Ion Ratio Lower Upper

43 100

61 34.9 27.9 41.9

87 16.6 13.1 19.7



#44

Trichloroethene

Concen: 45.582 ug/l

RT: 8.953 min Scan# 1170

Delta R.T. 0.006 min

Lab File: VY017424.D

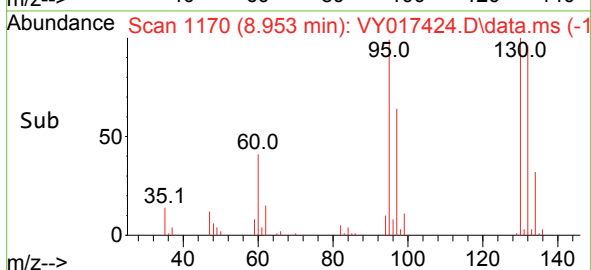
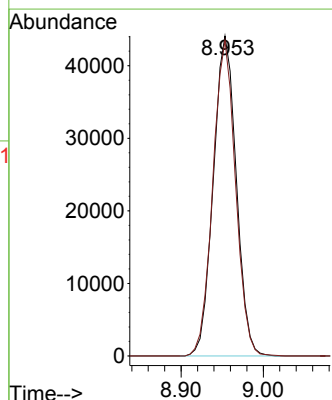
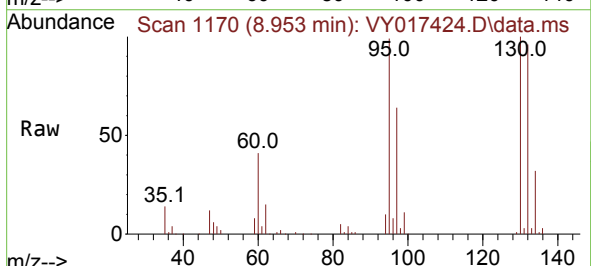
Acq: 20 Feb 2024 16:18

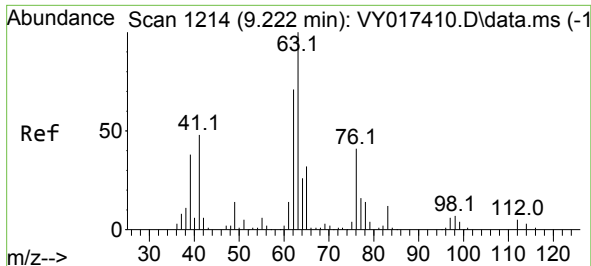
Tgt Ion:130 Resp: 85497

Ion Ratio Lower Upper

130 100

95 98.6 0.0 188.0

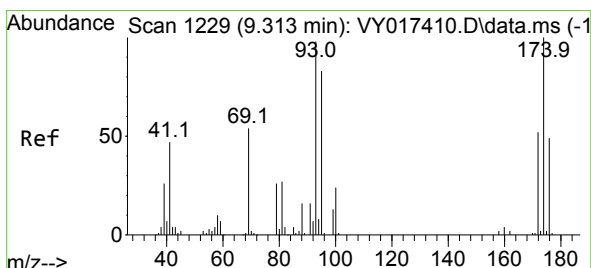
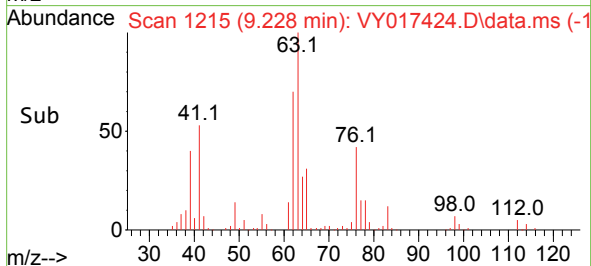
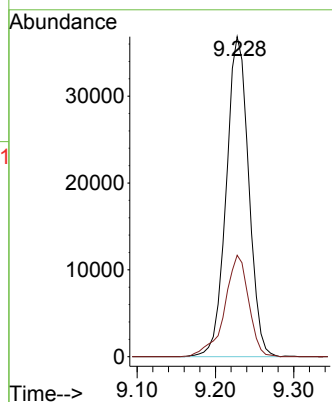
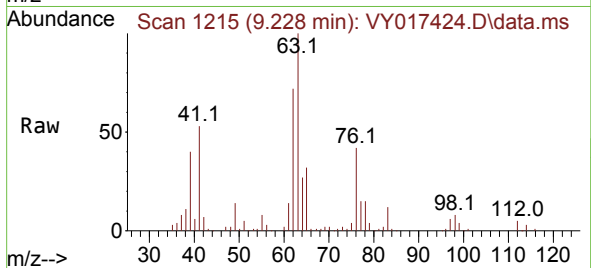




#45
1,2-Dichloropropane
Concen: 45.773 ug/l
RT: 9.228 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017424.D
Acq: 20 Feb 2024 16:18

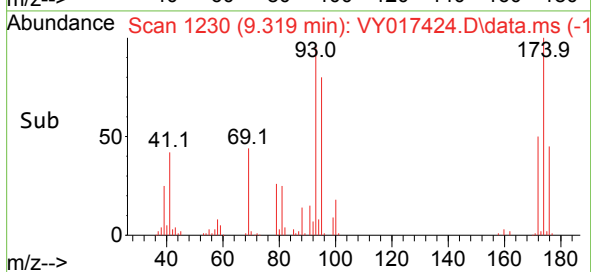
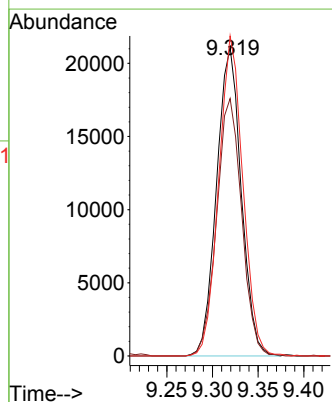
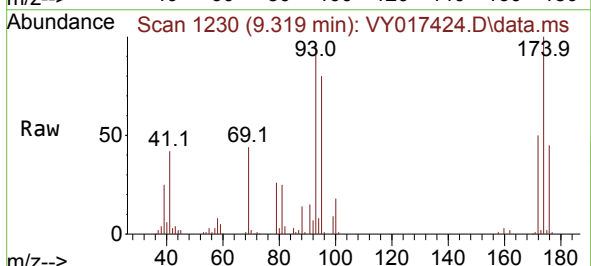
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

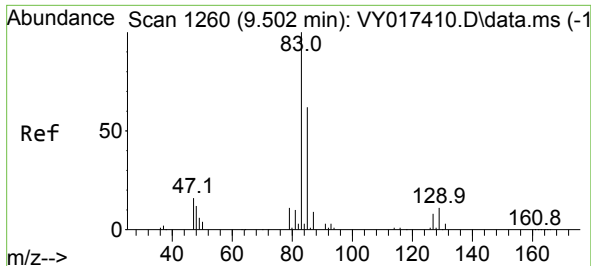
Tgt Ion: 63 Resp: 73218
Ion Ratio Lower Upper
63 100
65 31.7 25.4 38.2



#46
Dibromomethane
Concen: 43.499 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY017424.D
Acq: 20 Feb 2024 16:18

Tgt Ion: 93 Resp: 39548
Ion Ratio Lower Upper
93 100
95 84.5 66.2 99.4
174 101.8 80.9 121.3

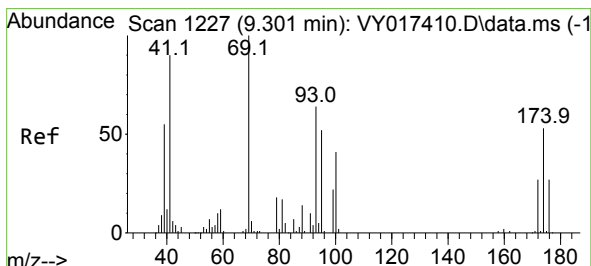
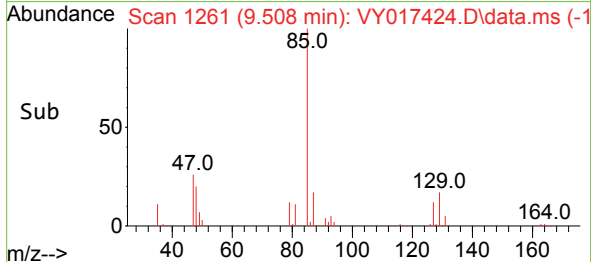
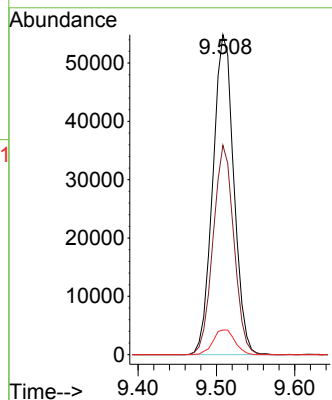
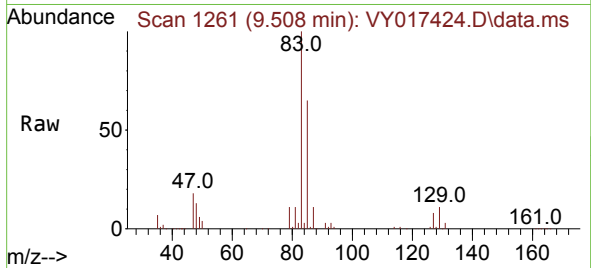




#47
Bromodichloromethane
Concen: 45.691 ug/l
RT: 9.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017424.D
Acq: 20 Feb 2024 16:18

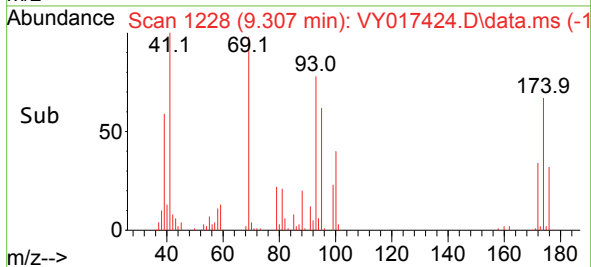
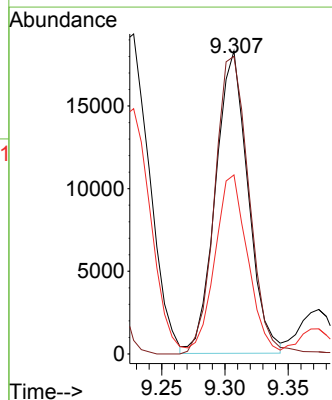
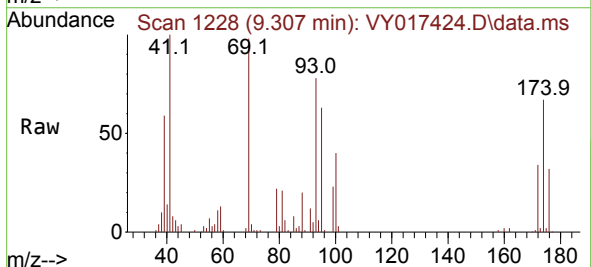
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

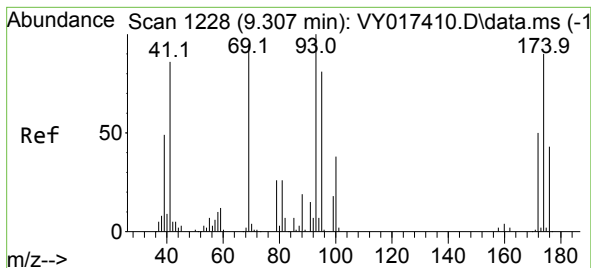
Tgt Ion: 83 Resp: 102138
Ion Ratio Lower Upper
83 100
85 65.4 50.1 75.1
127 7.7 7.4 11.0



#48
Methyl methacrylate
Concen: 44.742 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY017424.D
Acq: 20 Feb 2024 16:18

Tgt Ion: 41 Resp: 32716
Ion Ratio Lower Upper
41 100
69 103.7 84.1 126.1
39 56.6 43.6 65.4





#49

1,4-Dioxane

Concen: 868.215 ug/l

RT: 9.307 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017424.D

Acq: 20 Feb 2024 16:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

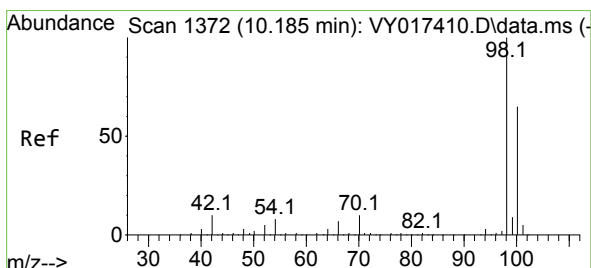
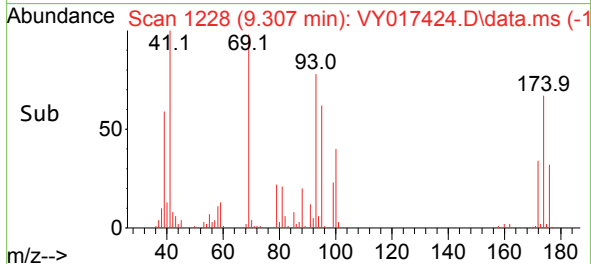
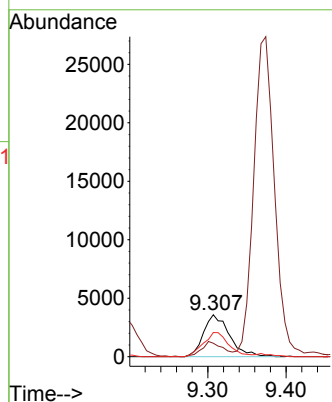
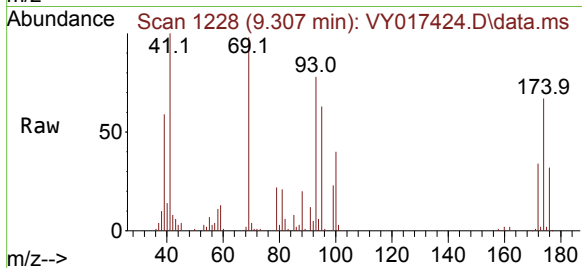
Tgt Ion: 88 Resp: 8256

Ion Ratio Lower Upper

88 100

43 29.2 0.0 0.0#

58 56.5 49.3 73.9



#50

Toluene-d8

Concen: 52.781 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY017424.D

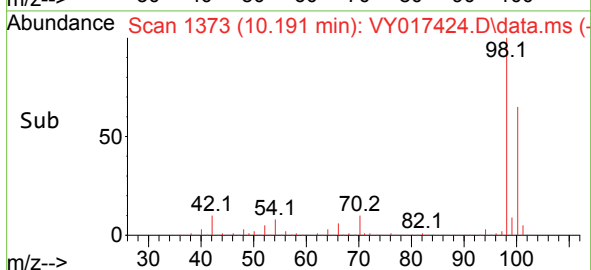
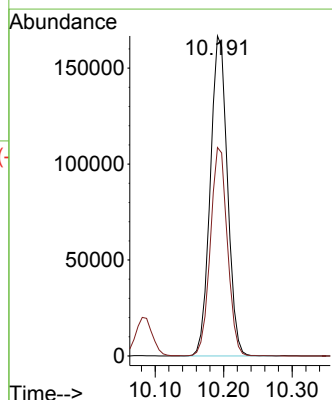
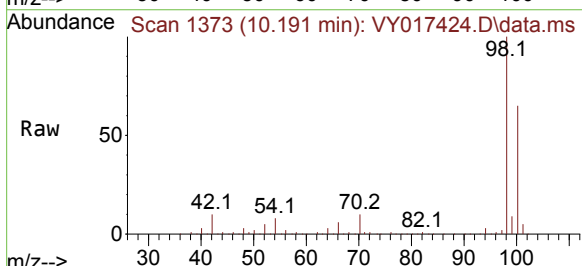
Acq: 20 Feb 2024 16:18

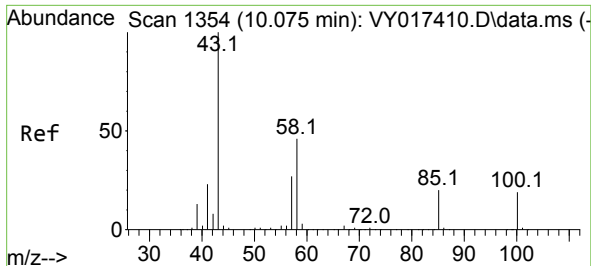
Tgt Ion: 98 Resp: 290289

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 217.932 ug/l

RT: 10.081 min Scan# 1355

Delta R.T. 0.006 min

Lab File: VY017424.D

Acq: 20 Feb 2024 16:18

Instrument :

MSVOA_Y

ClientSampleId :

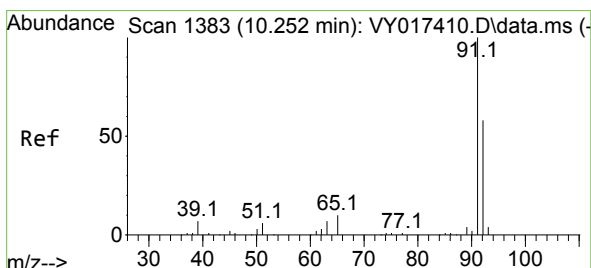
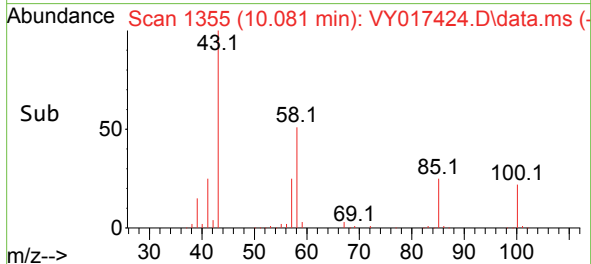
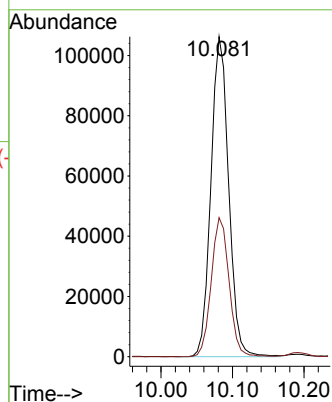
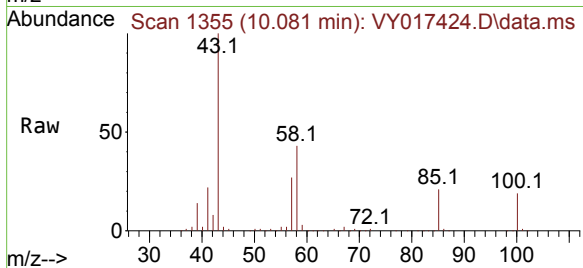
VSTDCCC050EC

Tgt Ion: 43 Resp: 183008

Ion Ratio Lower Upper

43 100

58 43.7 35.7 53.5



#52

Toluene

Concen: 46.704 ug/l

RT: 10.258 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VY017424.D

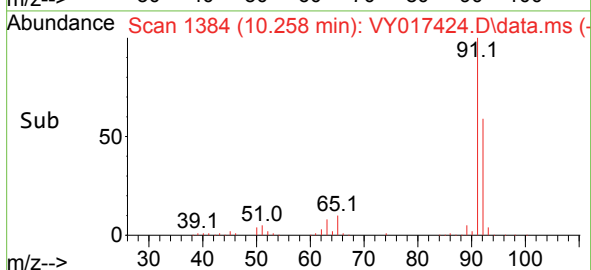
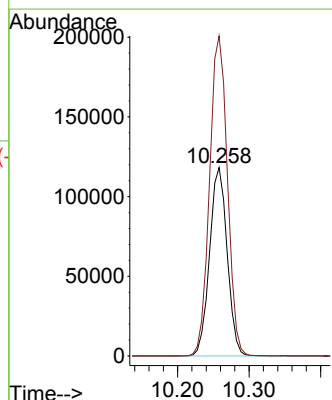
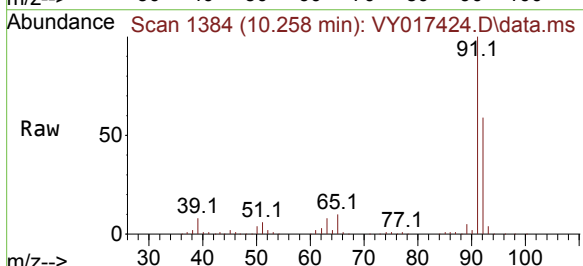
Acq: 20 Feb 2024 16:18

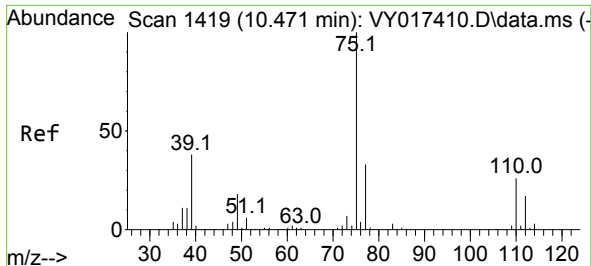
Tgt Ion: 92 Resp: 201761

Ion Ratio Lower Upper

92 100

91 172.5 139.0 208.6

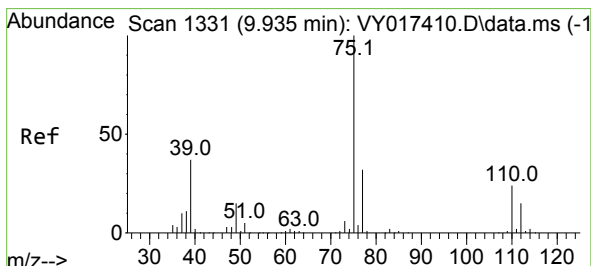
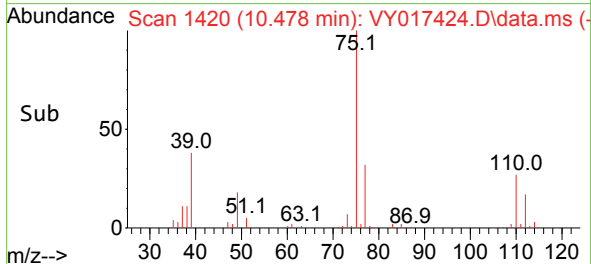
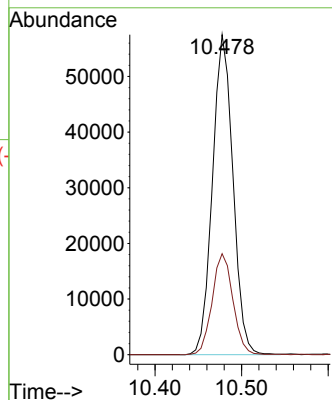
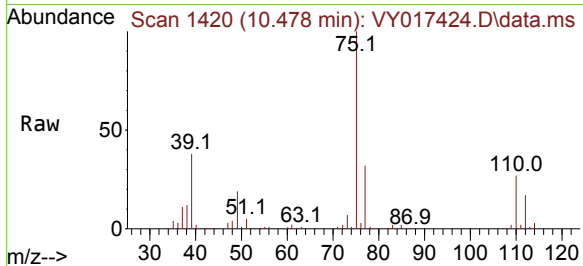




#53
t-1,3-Dichloropropene
Concen: 45.657 ug/l
RT: 10.478 min Scan# 1419
Delta R.T. 0.006 min
Lab File: VY017424.D
Acq: 20 Feb 2024 16:18

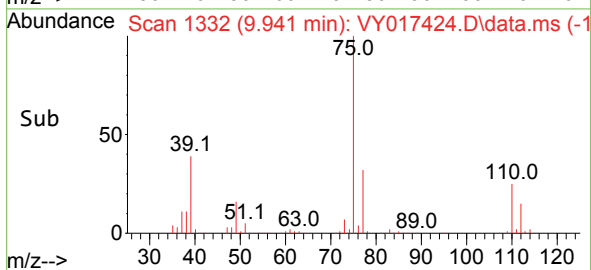
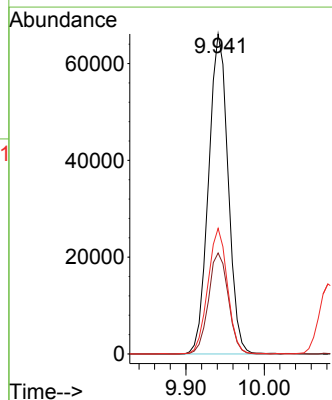
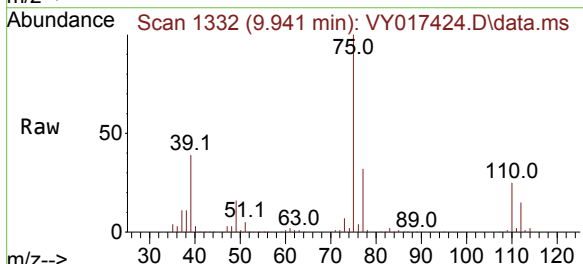
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

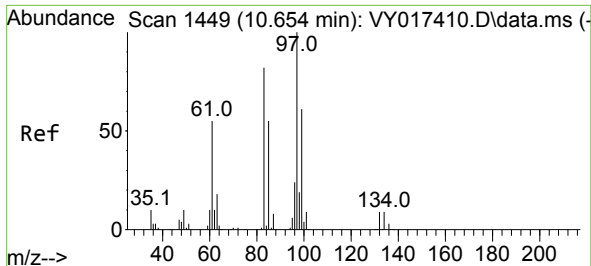
Tgt Ion: 75 Resp: 94503
Ion Ratio Lower Upper
75 100
77 31.5 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 45.129 ug/l
RT: 9.941 min Scan# 1332
Delta R.T. 0.006 min
Lab File: VY017424.D
Acq: 20 Feb 2024 16:18

Tgt Ion: 75 Resp: 114604
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0
39 39.2 29.8 44.6

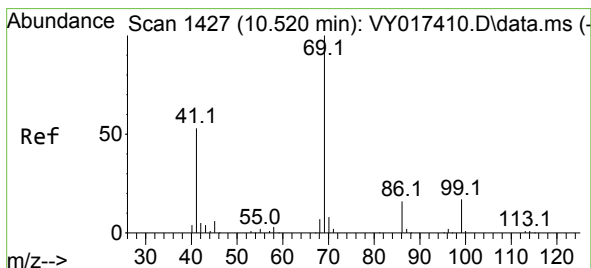
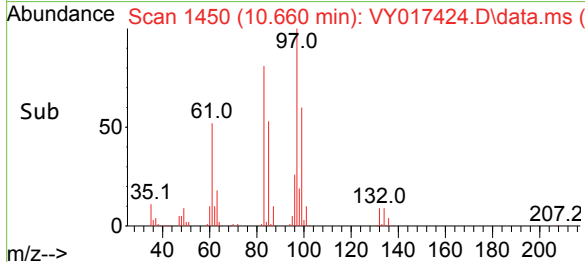
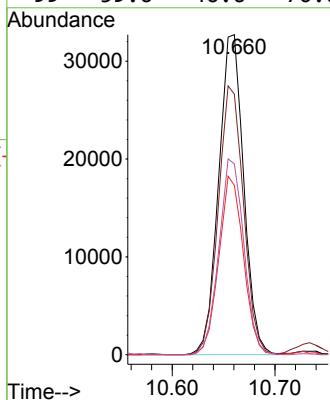
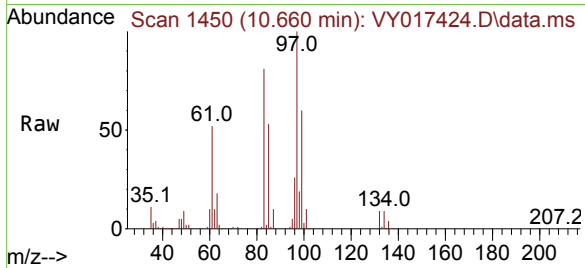




#55
1,1,2-Trichloroethane
Concen: 44.275 ug/l
RT: 10.660 min Scan# 1449
Delta R.T. 0.006 min
Lab File: VY017424.D
Acq: 20 Feb 2024 16:18

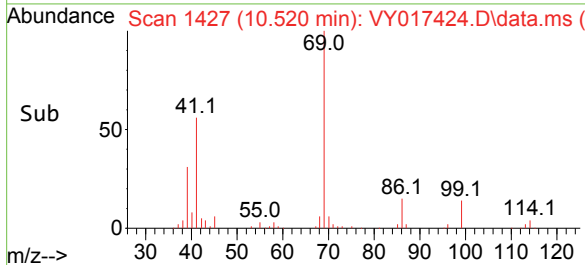
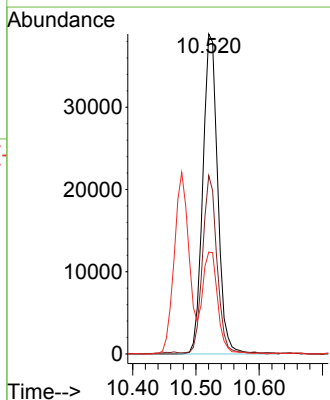
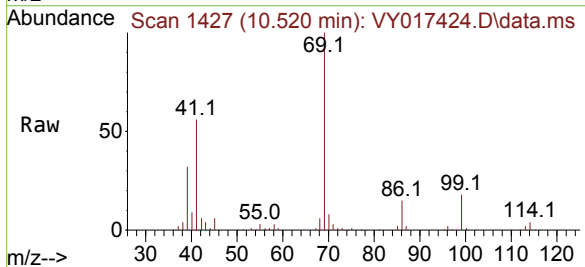
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

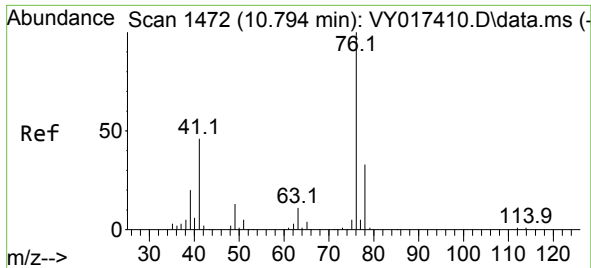
Tgt Ion: 97	Resp: 55386
Ion Ratio	Lower Upper
97 100	
83 81.4	67.5 101.3
85 52.9	42.9 64.3
99 59.6	46.6 70.0



#56
Ethyl methacrylate
Concen: 41.210 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VY017424.D
Acq: 20 Feb 2024 16:18

Tgt Ion: 69	Resp: 63937
Ion Ratio	Lower Upper
69 100	
41 52.9	42.3 63.5
39 32.4	22.9 34.3

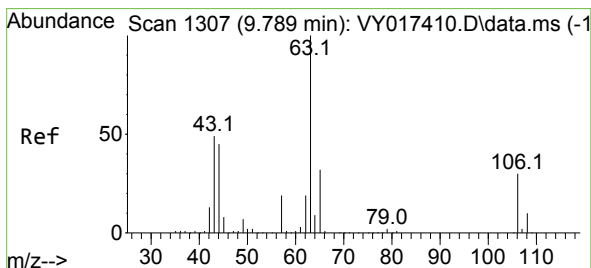
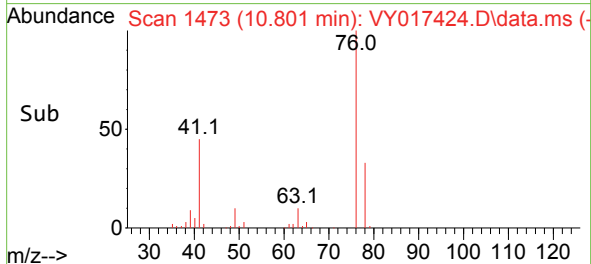
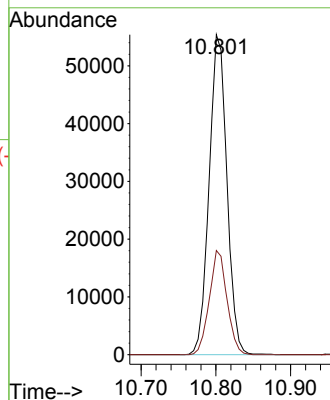
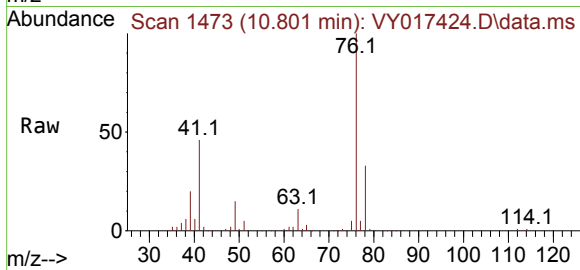




#57
1,3-Dichloropropane
Concen: 44.305 ug/l
RT: 10.801 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VY017424.D
Acq: 20 Feb 2024 16:18

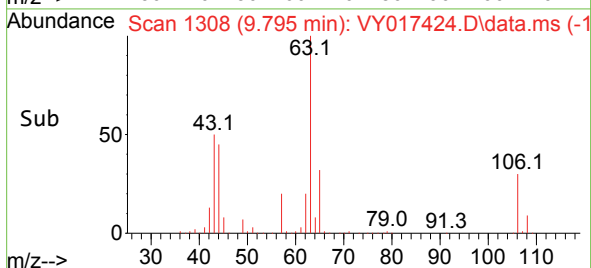
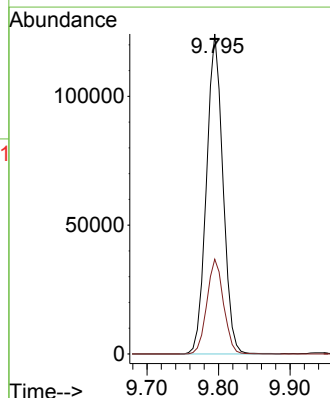
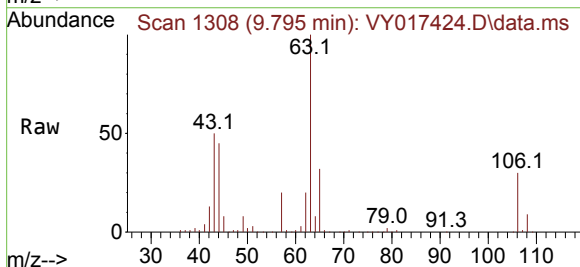
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

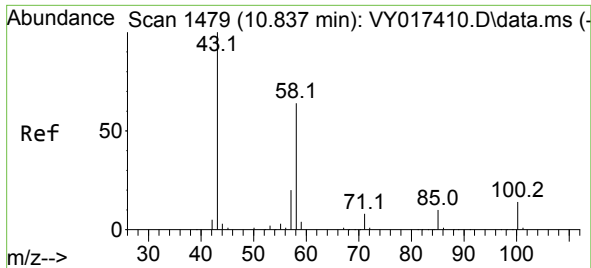
Tgt Ion: 76 Resp: 91702
Ion Ratio Lower Upper
76 100
78 32.3 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 265.631 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. 0.006 min
Lab File: VY017424.D
Acq: 20 Feb 2024 16:18

Tgt Ion: 63 Resp: 198545
Ion Ratio Lower Upper
63 100
106 29.9 23.7 35.5

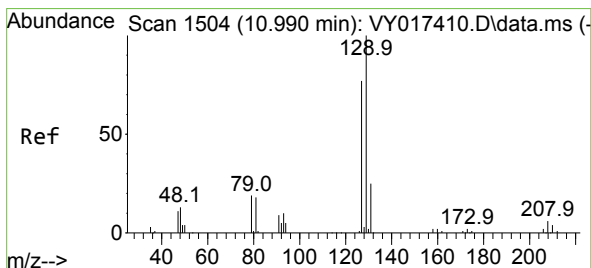
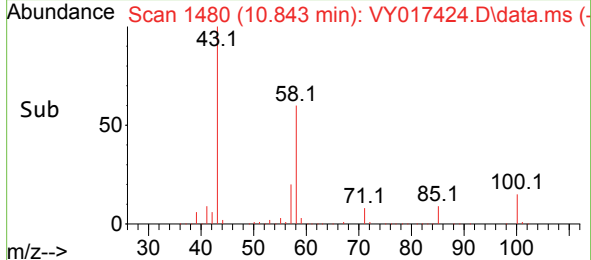
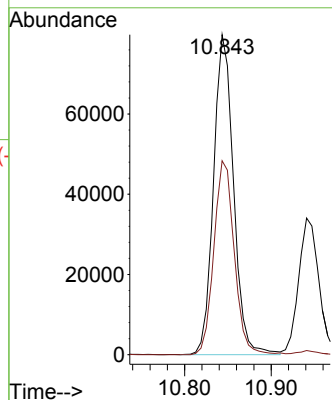
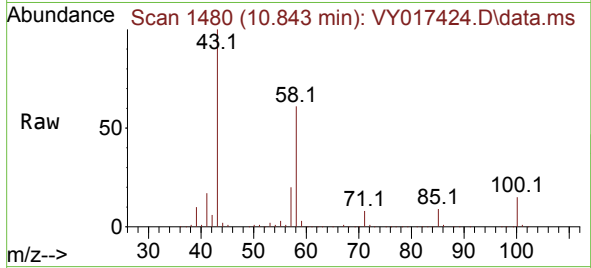




#59
2-Hexanone
Concen: 221.157 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY017424.D
Acq: 20 Feb 2024 16:18

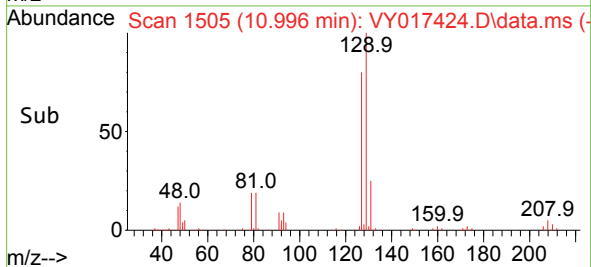
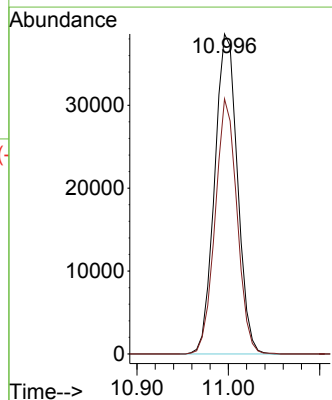
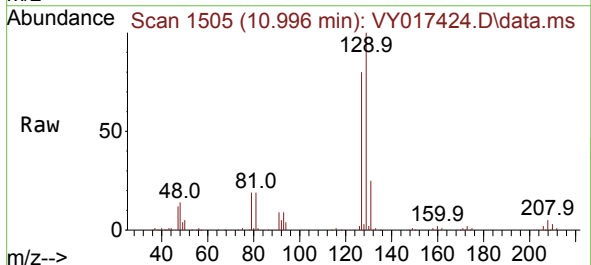
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

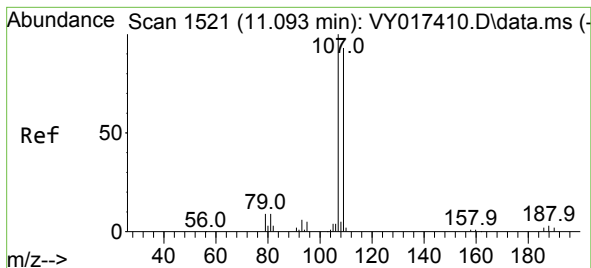
Tgt Ion: 43 Resp: 127919
Ion Ratio Lower Upper
43 100
58 61.9 31.4 94.0



#60
Dibromochloromethane
Concen: 44.962 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.006 min
Lab File: VY017424.D
Acq: 20 Feb 2024 16:18

Tgt Ion: 129 Resp: 66860
Ion Ratio Lower Upper
129 100
127 76.4 39.0 117.0





#61

1,2-Dibromoethane

Concen: 43.475 ug/l

RT: 11.099 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017424.D

Acq: 20 Feb 2024 16:18

Instrument :

MSVOA_Y

ClientSampleId :

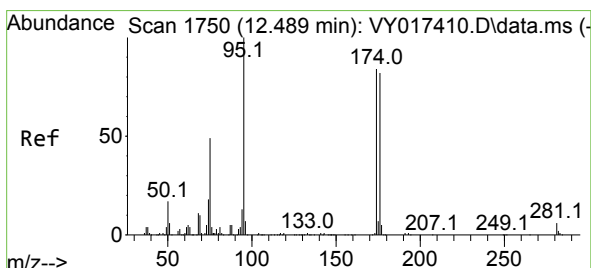
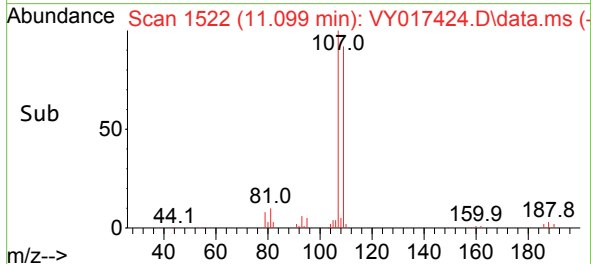
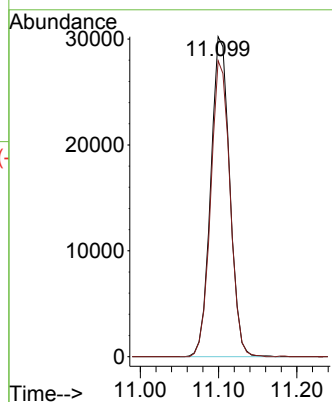
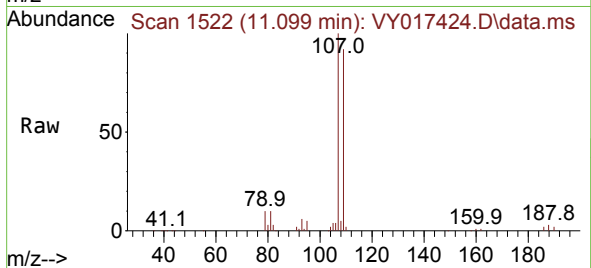
VSTDCCC050EC

Tgt Ion:107 Resp: 50880

Ion Ratio Lower Upper

107 100

109 93.7 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 47.169 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY017424.D

Acq: 20 Feb 2024 16:18

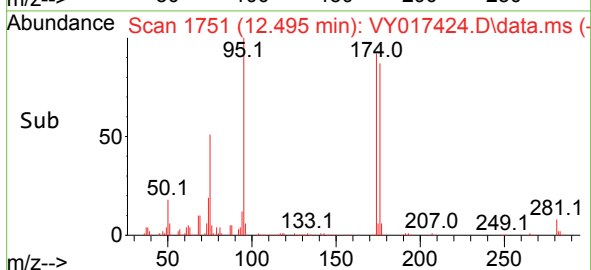
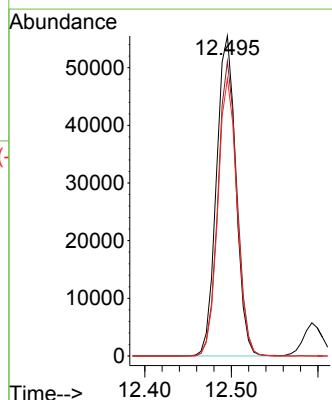
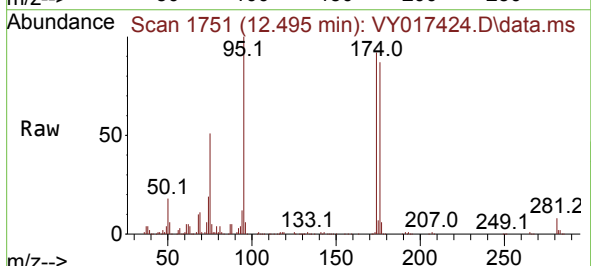
Tgt Ion: 95 Resp: 86338

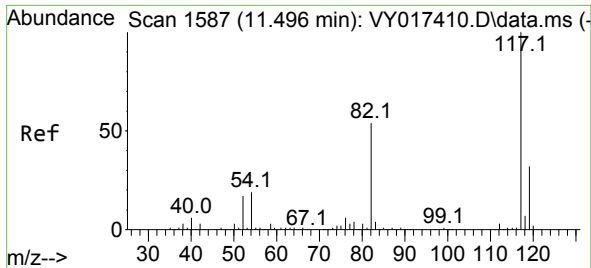
Ion Ratio Lower Upper

95 100

174 90.5 0.0 175.6

176 85.7 0.0 171.4

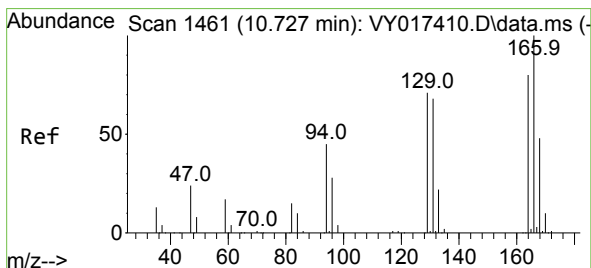
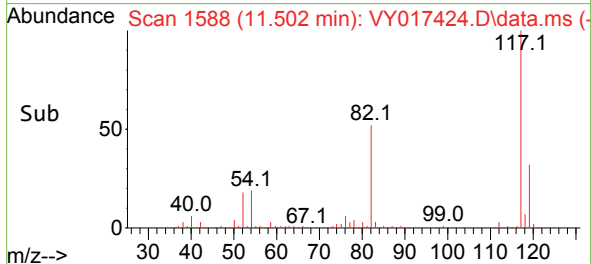
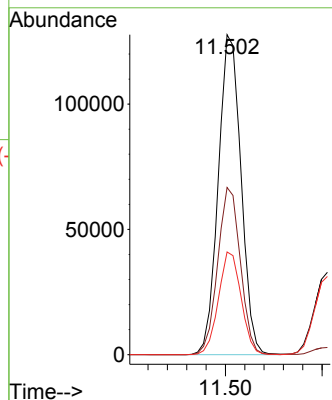
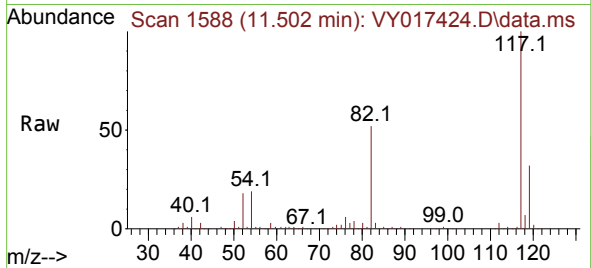




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017424.D
Acq: 20 Feb 2024 16:18

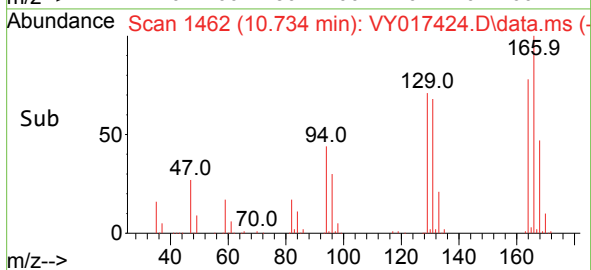
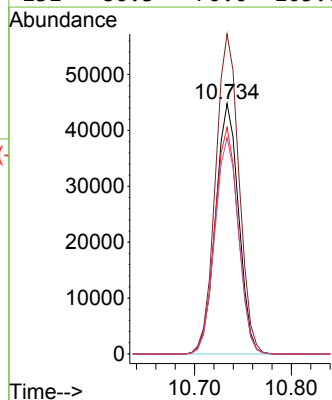
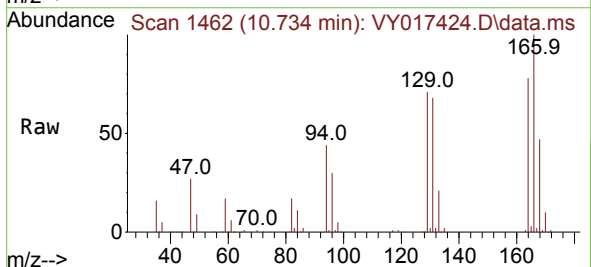
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

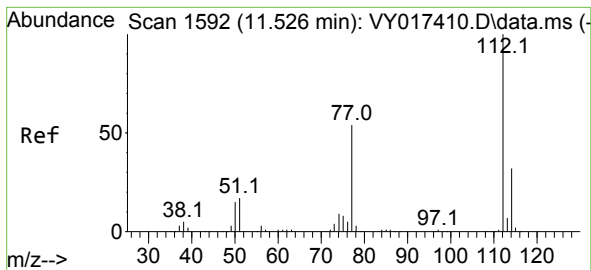
Tgt Ion:117 Resp: 208288
Ion Ratio Lower Upper
117 100
82 52.3 42.4 63.6
119 32.1 25.9 38.9



#64
Tetrachloroethene
Concen: 44.550 ug/l
RT: 10.734 min Scan# 1462
Delta R.T. 0.006 min
Lab File: VY017424.D
Acq: 20 Feb 2024 16:18

Tgt Ion:164 Resp: 74262
Ion Ratio Lower Upper
164 100
166 127.8 102.6 154.0
129 90.6 72.0 108.0
131 86.3 70.0 105.0

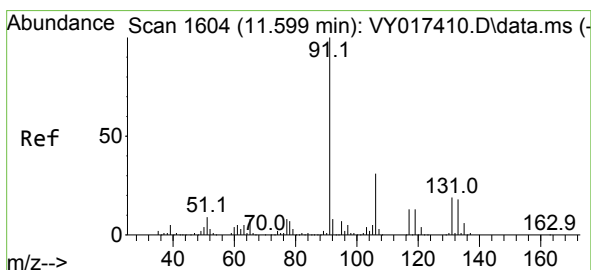
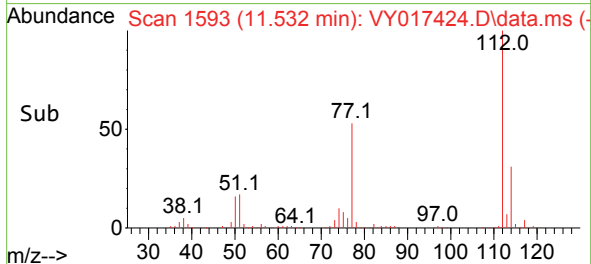
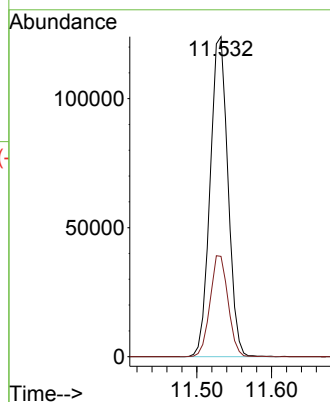
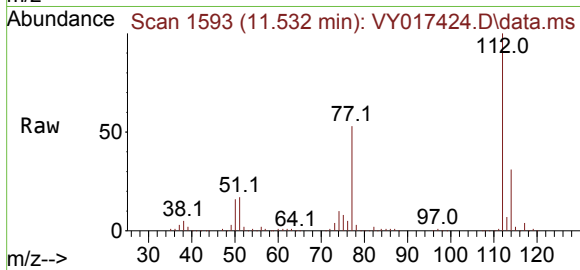




#65
Chlorobenzene
Concen: 45.742 ug/l
RT: 11.532 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017424.D
Acq: 20 Feb 2024 16:18

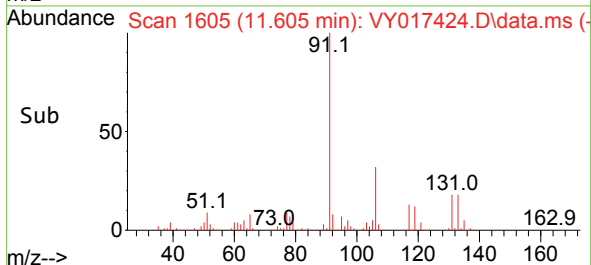
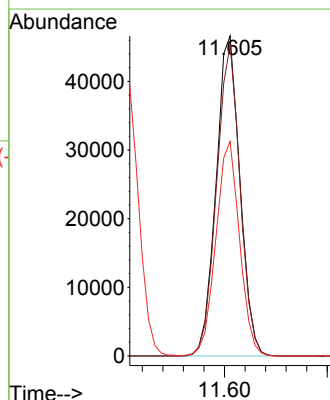
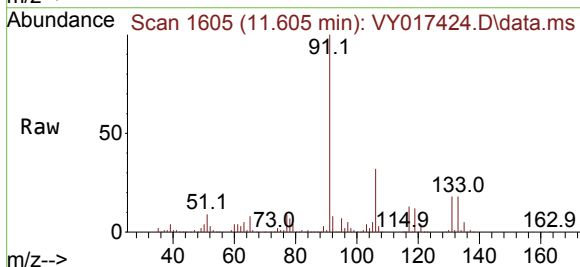
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

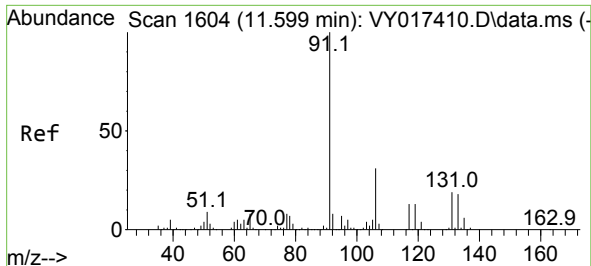
Tgt Ion:112 Resp: 205251
Ion Ratio Lower Upper
112 100
114 31.3 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 44.928 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY017424.D
Acq: 20 Feb 2024 16:18

Tgt Ion:131 Resp: 75073
Ion Ratio Lower Upper
131 100
133 95.4 47.8 143.3
119 66.6 34.1 102.2





#67

Ethyl Benzene

Concen: 47.476 ug/l

RT: 11.605 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017424.D

Acq: 20 Feb 2024 16:18

Instrument :

MSVOA_Y

ClientSampleId :

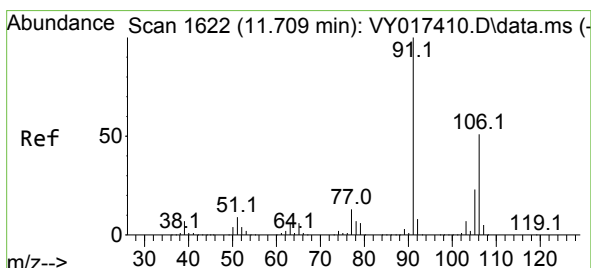
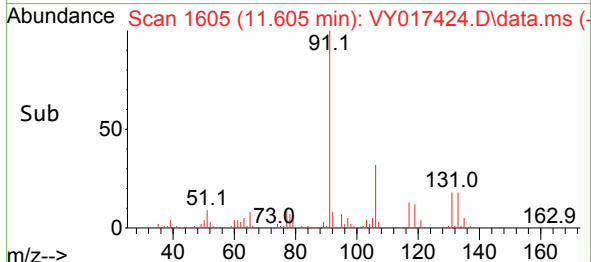
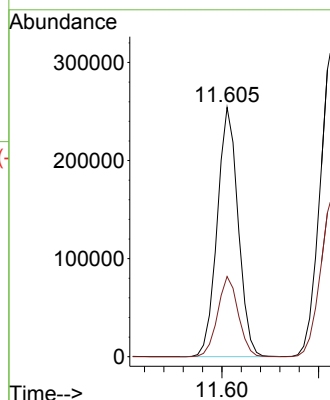
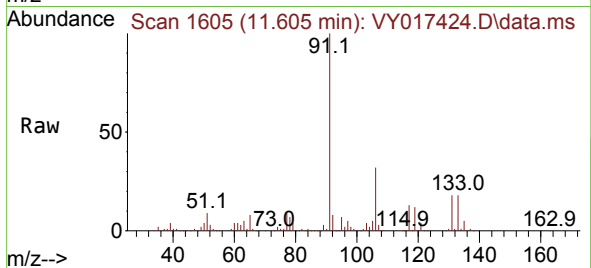
VSTDCCC050EC

Tgt Ion: 91 Resp: 381008

Ion Ratio Lower Upper

91 100

106 32.1 24.5 36.7



#68

m/p-Xylenes

Concen: 94.934 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY017424.D

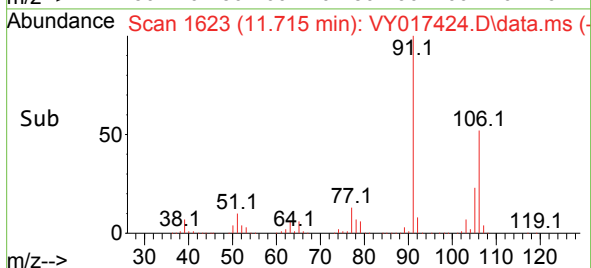
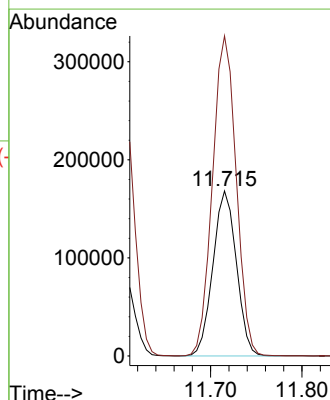
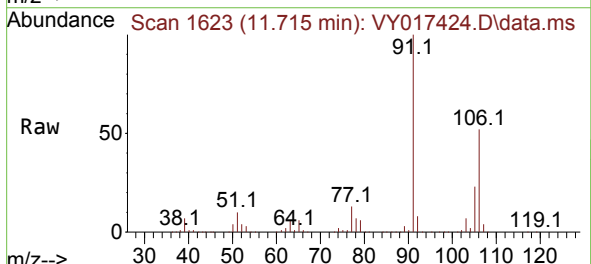
Acq: 20 Feb 2024 16:18

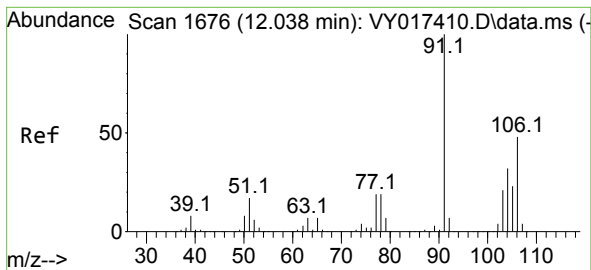
Tgt Ion:106 Resp: 299498

Ion Ratio Lower Upper

106 100

91 196.4 156.0 234.0





#69

o-Xylene

Concen: 47.597 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017424.D

Acq: 20 Feb 2024 16:18

Instrument :

MSVOA_Y

ClientSampleId :

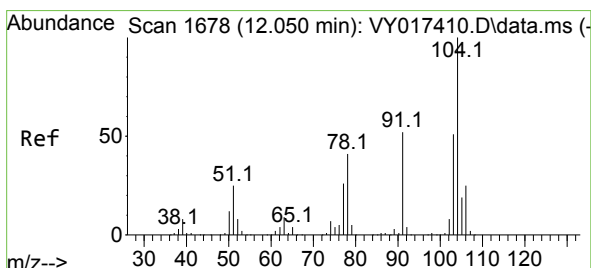
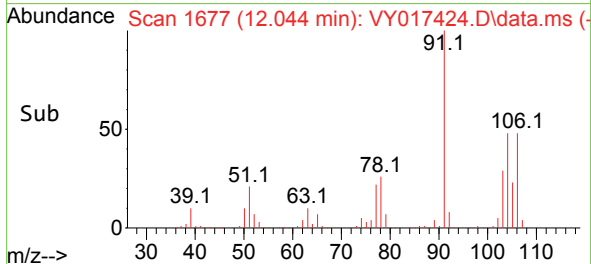
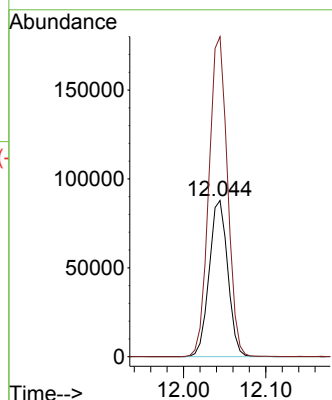
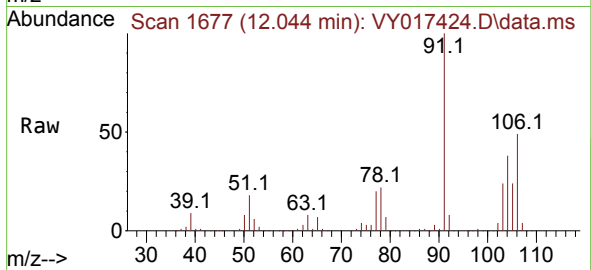
VSTDCCC050EC

Tgt Ion:106 Resp: 137756

Ion Ratio Lower Upper

106 100

91 205.2 103.6 310.8



#70

Styrene

Concen: 47.604 ug/l

RT: 12.057 min Scan# 1679

Delta R.T. 0.006 min

Lab File: VY017424.D

Acq: 20 Feb 2024 16:18

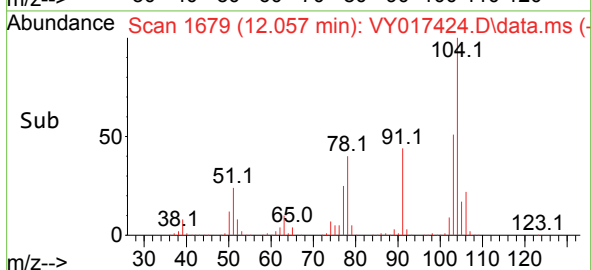
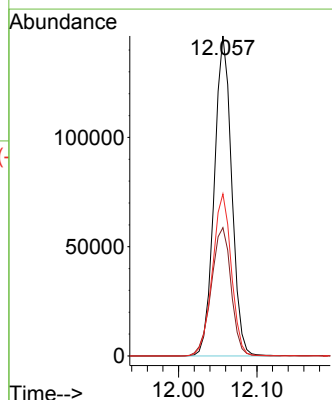
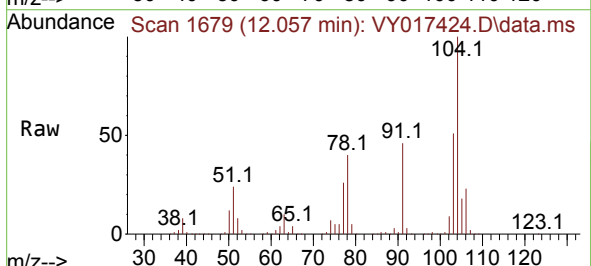
Tgt Ion:104 Resp: 226292

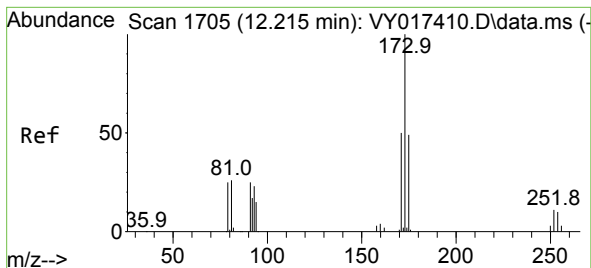
Ion Ratio Lower Upper

104 100

78 45.6 37.0 55.4

103 54.7 44.2 66.2





#71

Bromoform

Concen: 44.455 ug/l

RT: 12.221 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017424.D

Acq: 20 Feb 2024 16:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

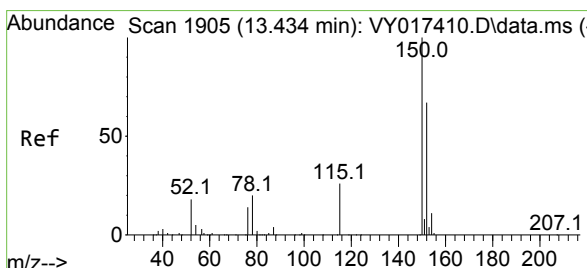
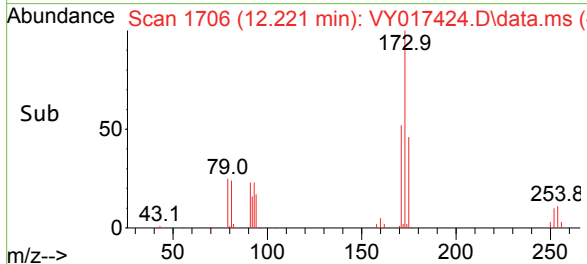
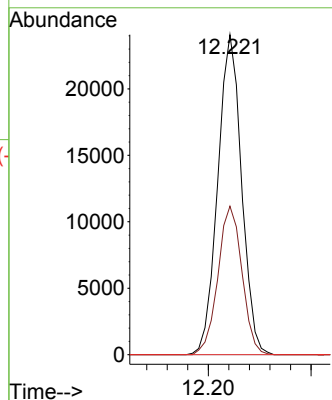
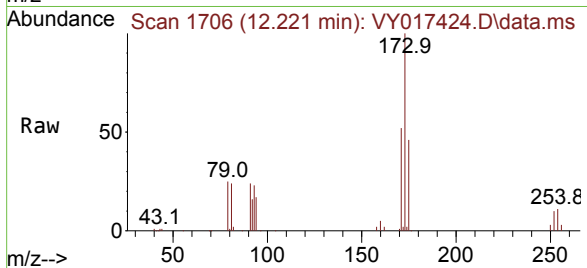
Tgt Ion:173 Resp: 38648

Ion Ratio Lower Upper

173 100

175 46.9 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY017424.D

Acq: 20 Feb 2024 16:18

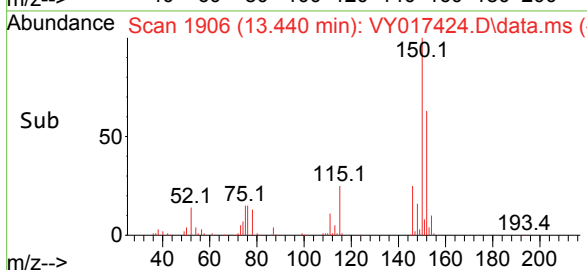
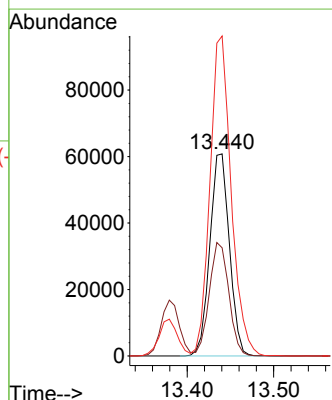
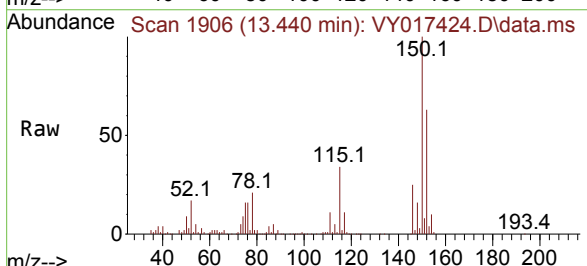
Tgt Ion:152 Resp: 95297

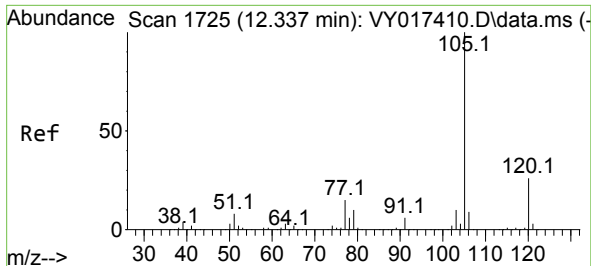
Ion Ratio Lower Upper

152 100

115 56.2 28.2 84.7

150 171.9 0.0 345.6

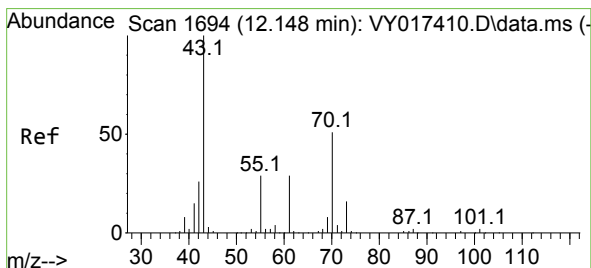
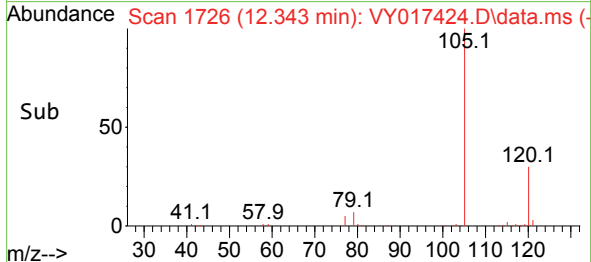
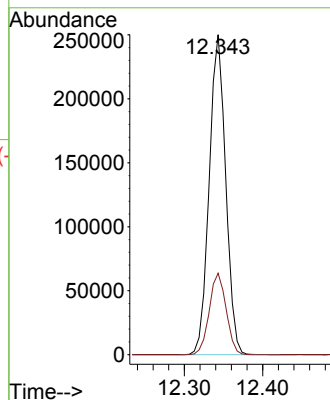
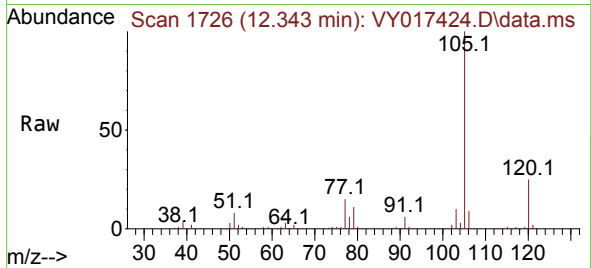




#73
Isopropylbenzene
Concen: 49.573 ug/l
RT: 12.343 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017424.D
Acq: 20 Feb 2024 16:18

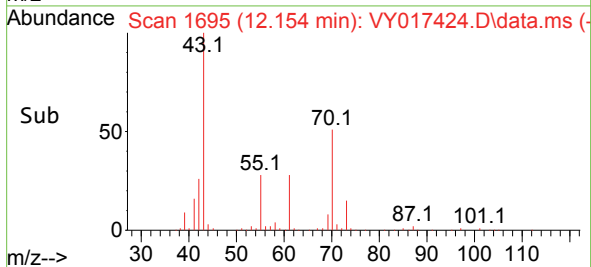
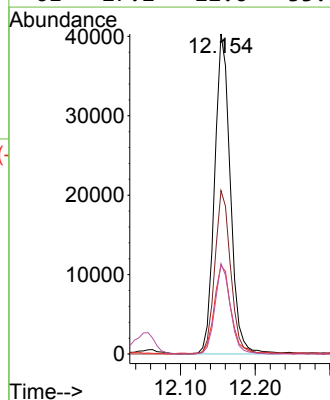
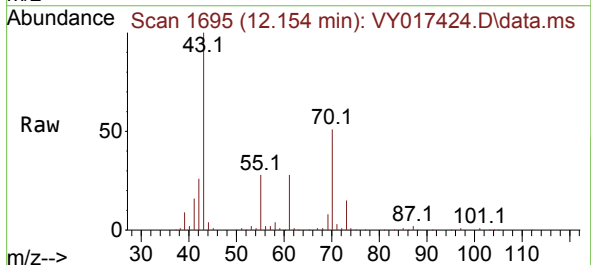
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

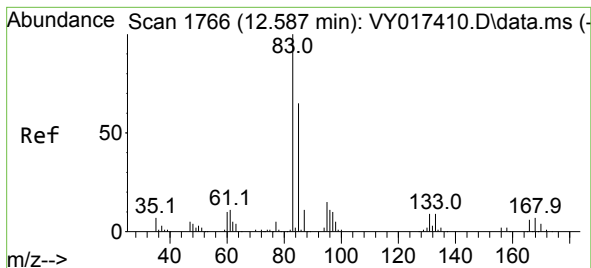
Tgt Ion:105 Resp: 364914
Ion Ratio Lower Upper
105 100
120 26.0 13.4 40.1



#74
N-ethyl acetate
Concen: 46.311 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. 0.006 min
Lab File: VY017424.D
Acq: 20 Feb 2024 16:18

Tgt Ion: 43 Resp: 59358
Ion Ratio Lower Upper
43 100
70 50.9 41.4 62.2
55 29.3 23.3 34.9
61 27.2 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 44.204 ug/l

RT: 12.593 min Scan# 1766

Delta R.T. 0.006 min

Lab File: VY017424.D

Acq: 20 Feb 2024 16:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

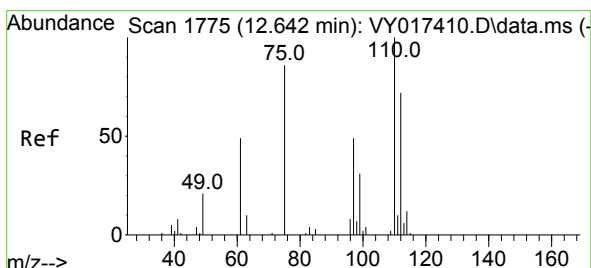
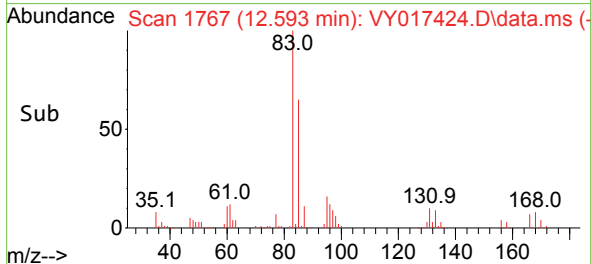
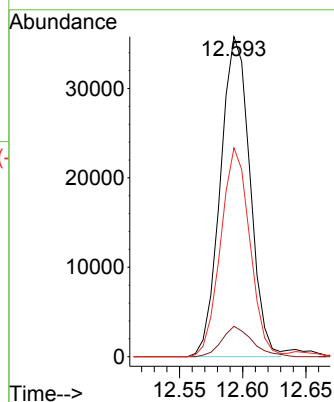
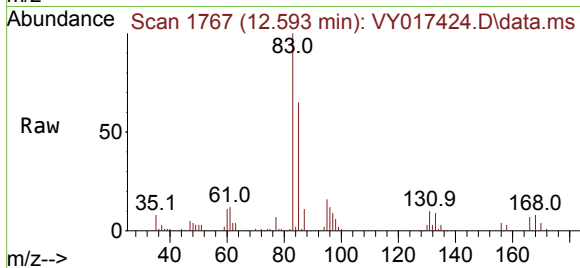
Tgt Ion: 83 Resp: 58156

Ion Ratio Lower Upper

83 100

131 9.8 5.0 14.9

85 64.5 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 78.189 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VY017424.D

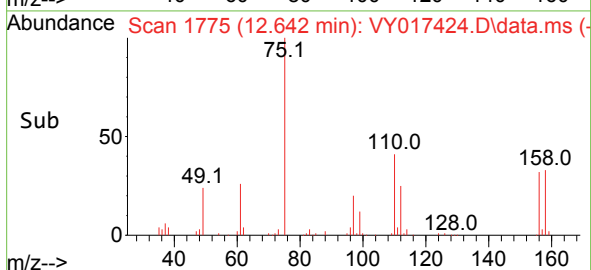
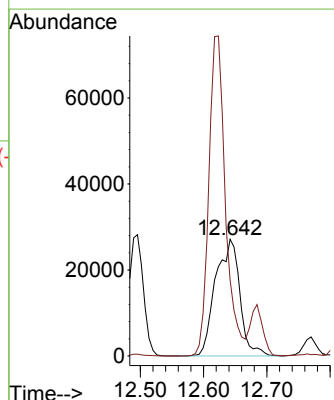
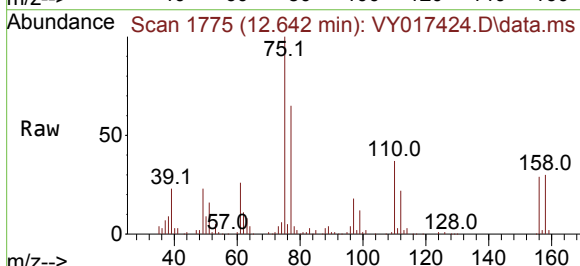
Acq: 20 Feb 2024 16:18

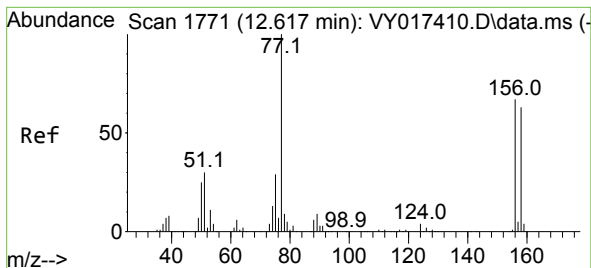
Tgt Ion: 75 Resp: 72246

Ion Ratio Lower Upper

75 100

77 189.4 0.0 0.0#





#77

Bromobenzene

Concen: 46.128 ug/l

RT: 12.623 min Scan# 1771

Delta R.T. 0.006 min

Lab File: VY017424.D

Acq: 20 Feb 2024 16:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

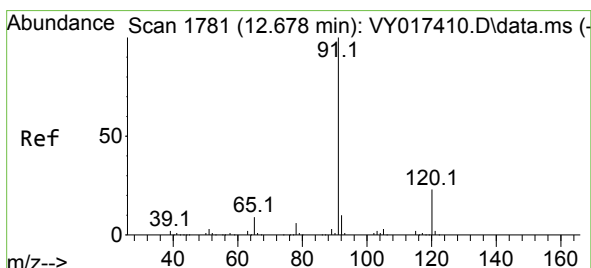
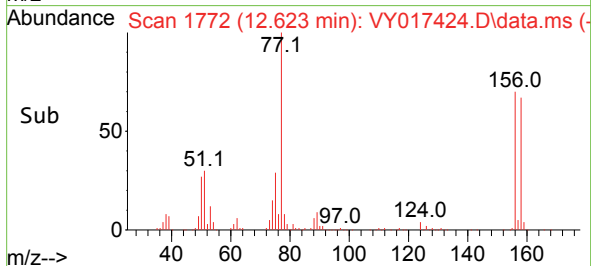
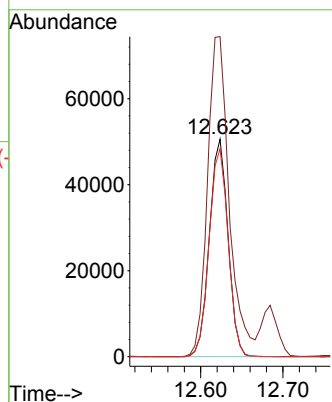
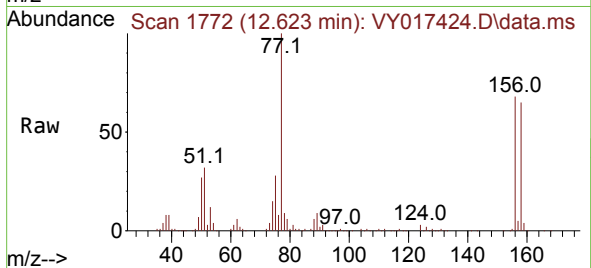
Tgt Ion:156 Resp: 79635

Ion Ratio Lower Upper

156 100

77 171.8 87.1 261.3

158 97.5 48.6 145.9



#78

n-propylbenzene

Concen: 49.509 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VY017424.D

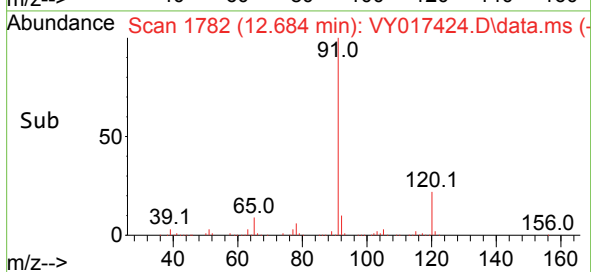
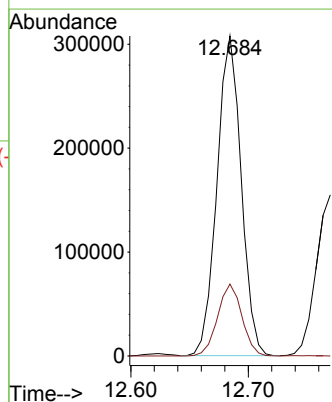
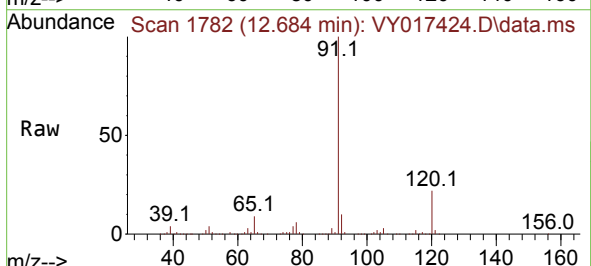
Acq: 20 Feb 2024 16:18

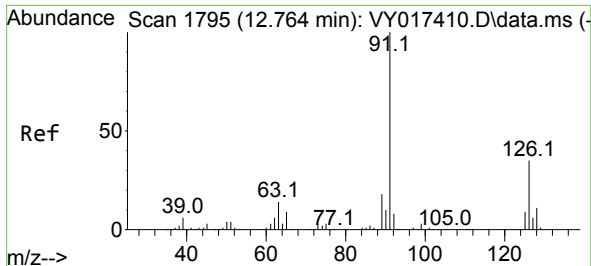
Tgt Ion: 91 Resp: 440815

Ion Ratio Lower Upper

91 100

120 22.5 11.5 34.4

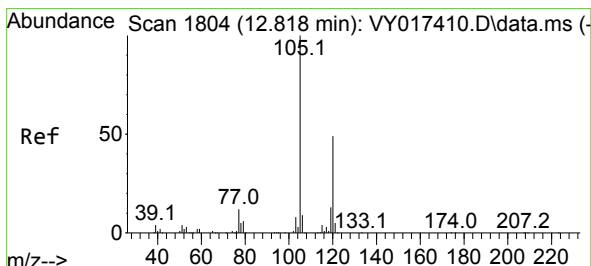
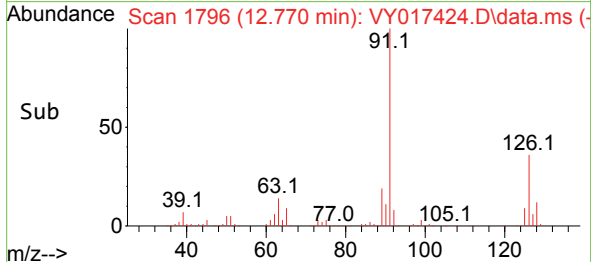
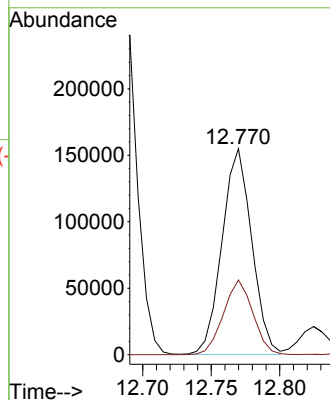
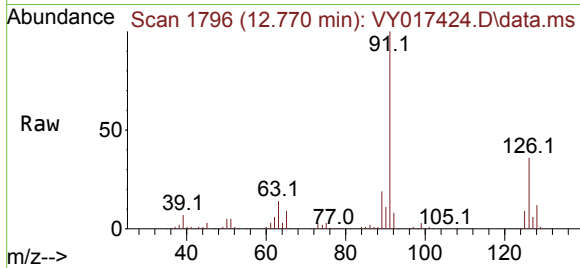




#79
2-Chlorotoluene
Concen: 47.646 ug/l
RT: 12.770 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VY017424.D
Acq: 20 Feb 2024 16:18

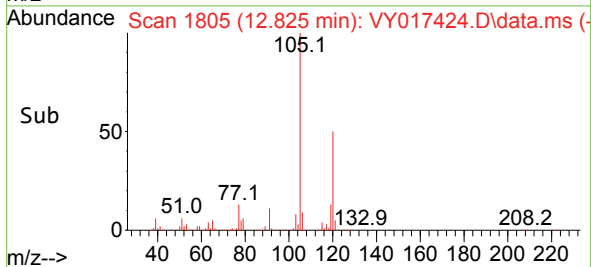
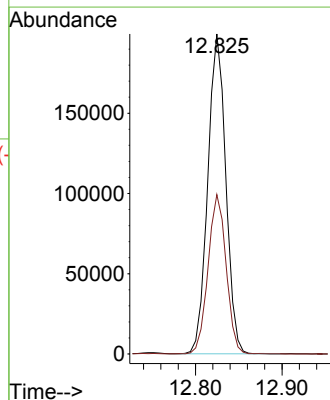
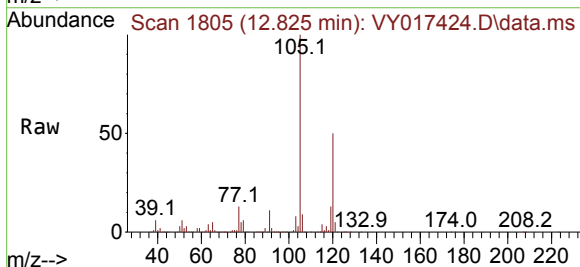
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

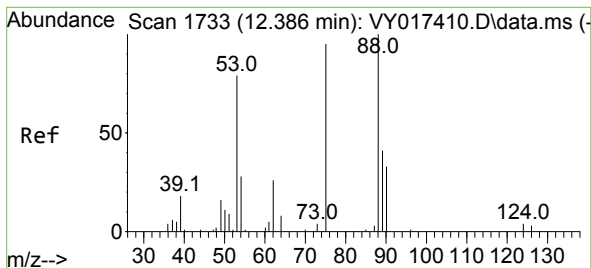
Tgt Ion: 91 Resp: 233591
Ion Ratio Lower Upper
91 100
126 36.1 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 48.870 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VY017424.D
Acq: 20 Feb 2024 16:18

Tgt Ion: 105 Resp: 287741
Ion Ratio Lower Upper
105 100
120 50.1 25.1 75.2

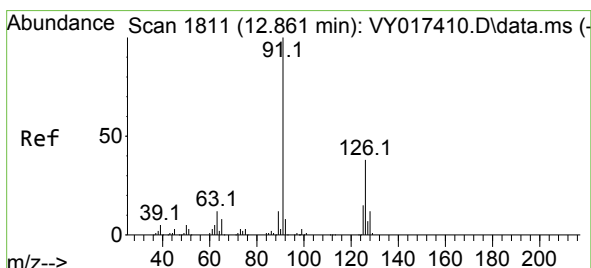
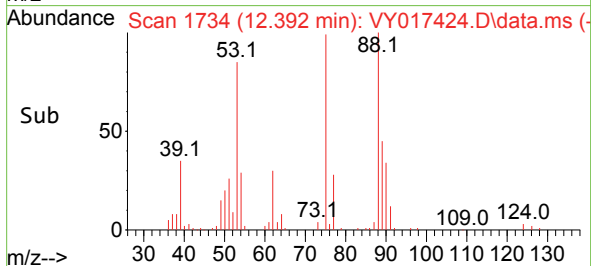
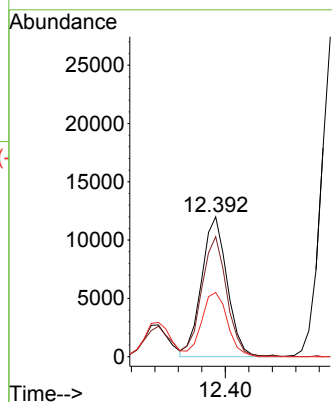
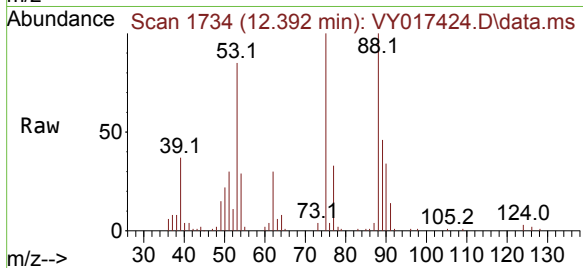




#81
trans-1,4-Dichloro-2-butene
Concen: 45.796 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017424.D
Acq: 20 Feb 2024 16:18

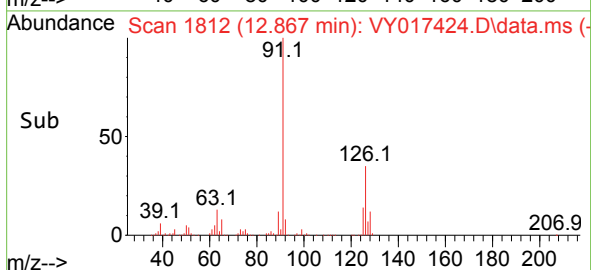
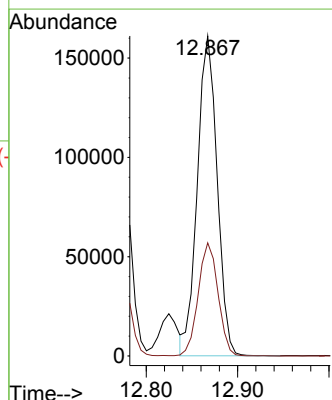
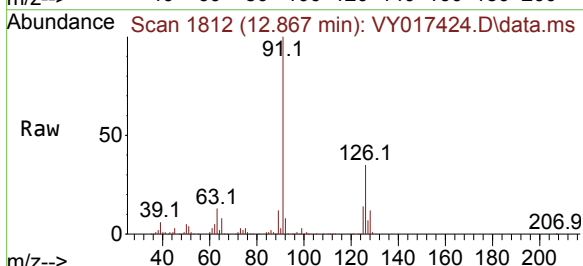
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

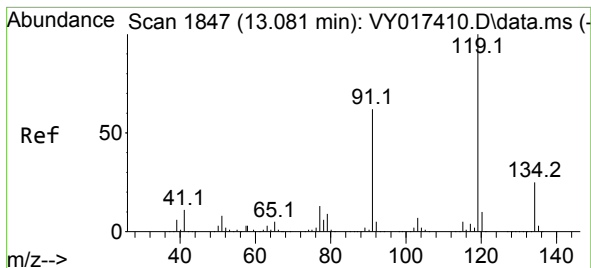
Tgt Ion: 75 Resp: 18149
Ion Ratio Lower Upper
75 100
53 84.5 66.8 100.2
89 45.7 35.8 53.6



#82
4-Chlorotoluene
Concen: 47.902 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY017424.D
Acq: 20 Feb 2024 16:18

Tgt Ion: 91 Resp: 242340
Ion Ratio Lower Upper
91 100
126 35.5 17.6 52.9

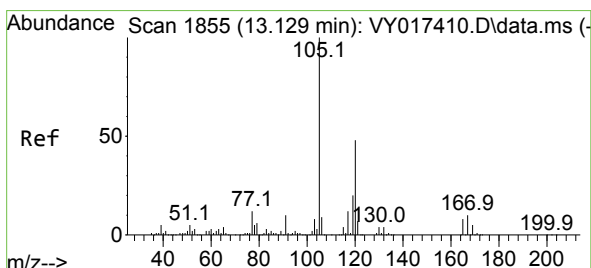
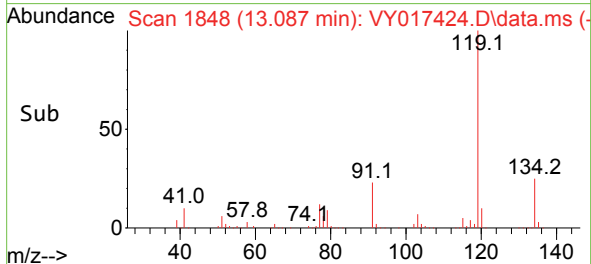
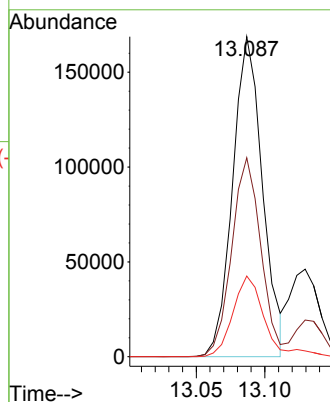
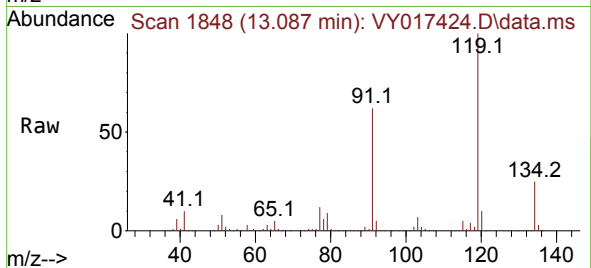




#83
tert-Butylbenzene
Concen: 49.841 ug/l
RT: 13.087 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VY017424.D
Acq: 20 Feb 2024 16:18

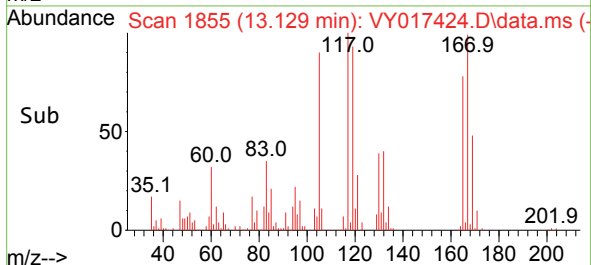
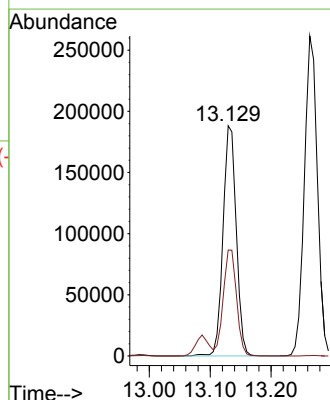
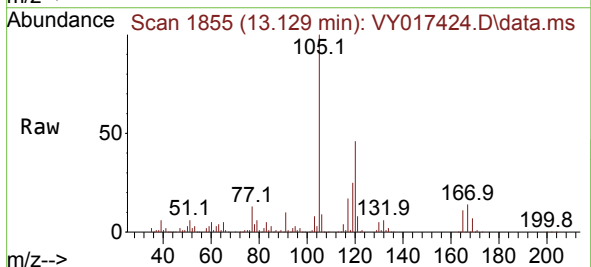
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

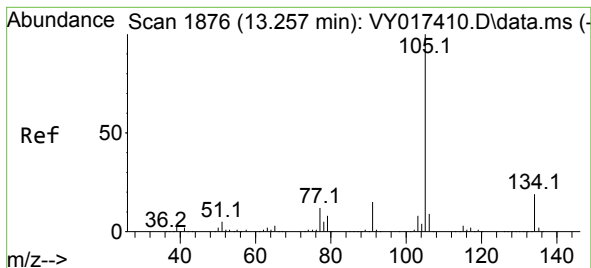
Tgt Ion:119 Resp: 256254
Ion Ratio Lower Upper
119 100
91 60.5 31.3 93.8
134 26.7 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 48.676 ug/l
RT: 13.129 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VY017424.D
Acq: 20 Feb 2024 16:18

Tgt Ion:105 Resp: 283927
Ion Ratio Lower Upper
105 100
120 46.2 23.2 69.6





#85

sec-Butylbenzene

Concen: 49.026 ug/l

RT: 13.264 min Scan# 1876

Delta R.T. 0.006 min

Lab File: VY017424.D

Acq: 20 Feb 2024 16:18

Instrument :

MSVOA_Y

ClientSampleId :

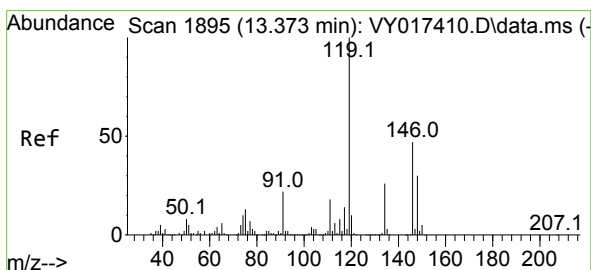
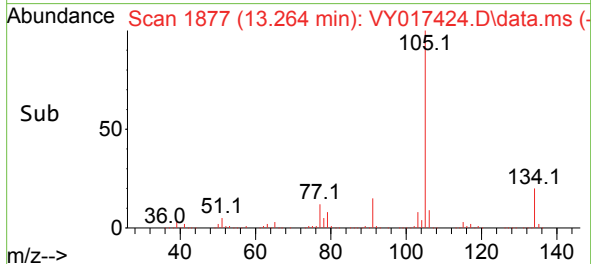
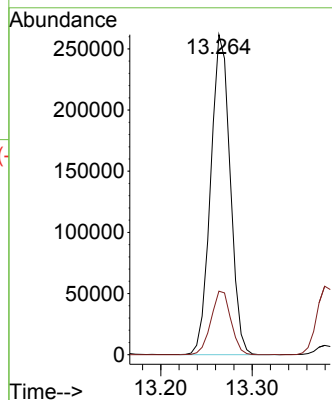
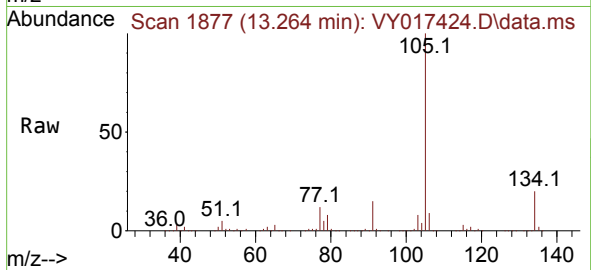
VSTDCCC050EC

Tgt Ion:105 Resp: 387147

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 48.822 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY017424.D

Acq: 20 Feb 2024 16:18

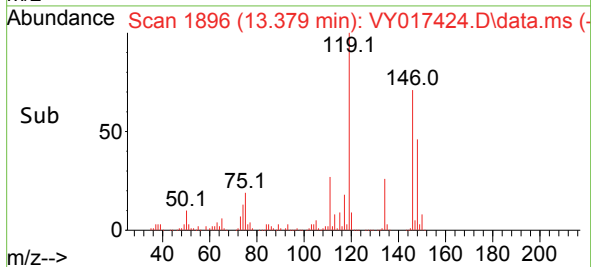
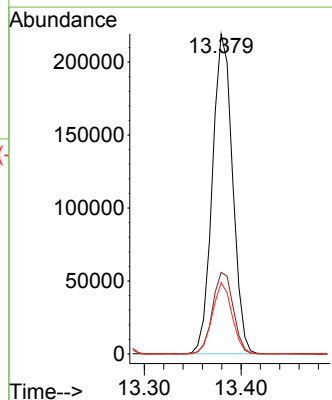
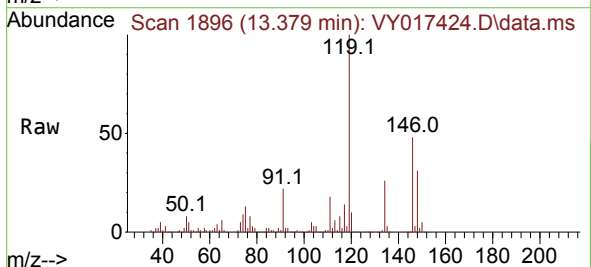
Tgt Ion:119 Resp: 317548

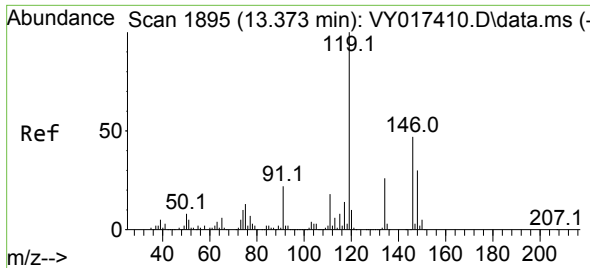
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

91 21.8 10.7 32.1

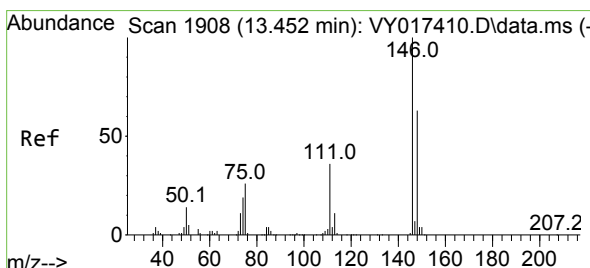
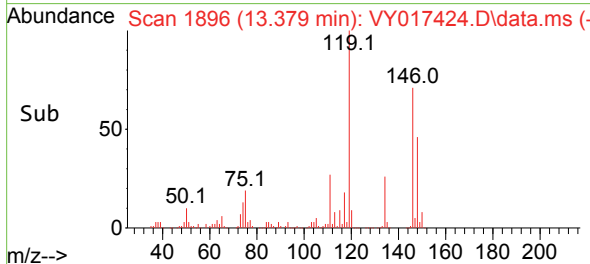
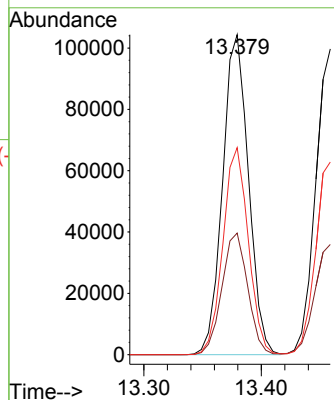
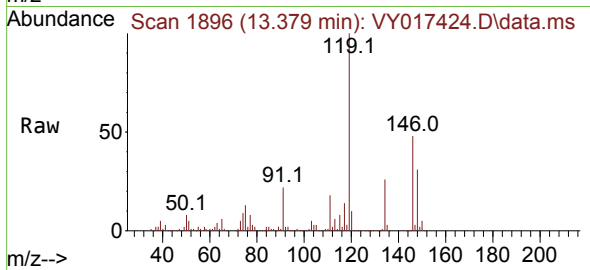




#87
 1,3-Dichlorobenzene
 Concen: 45.739 ug/l
 RT: 13.379 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY017424.D
 Acq: 20 Feb 2024 16:18

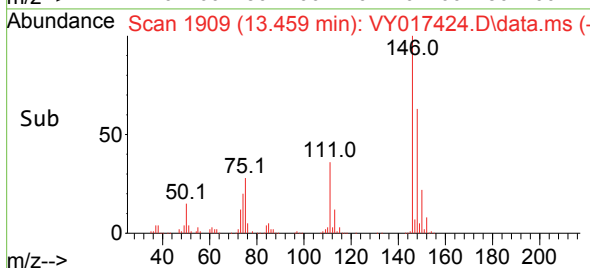
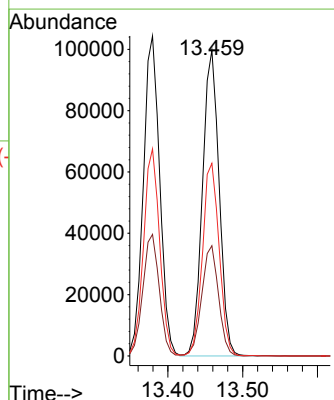
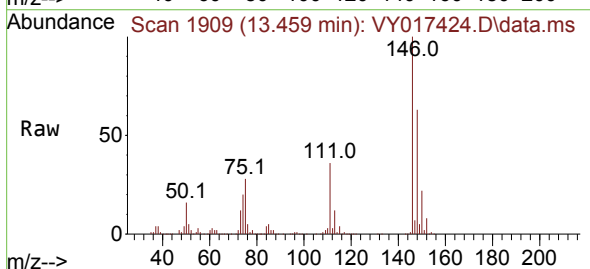
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

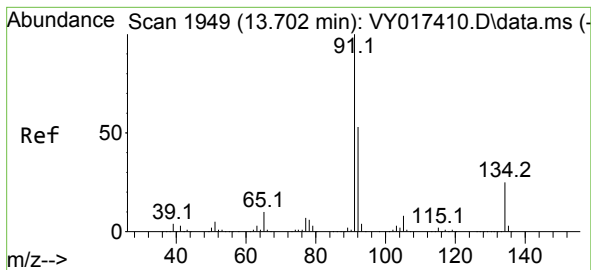
Tgt Ion:146 Resp: 159469
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.0 57.0
 148 63.5 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 45.800 ug/l
 RT: 13.459 min Scan# 1909
 Delta R.T. 0.006 min
 Lab File: VY017424.D
 Acq: 20 Feb 2024 16:18

Tgt Ion:146 Resp: 154180
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.4 55.4
 148 63.3 32.4 97.2





#89

n-Butylbenzene

Concen: 48.927 ug/l

RT: 13.709 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY017424.D

Acq: 20 Feb 2024 16:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

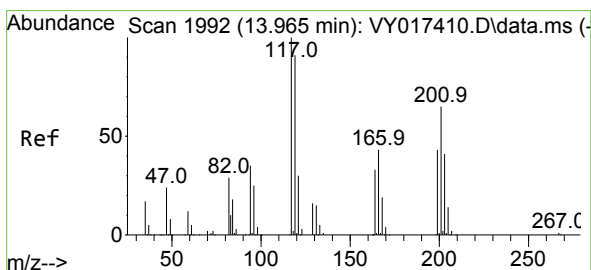
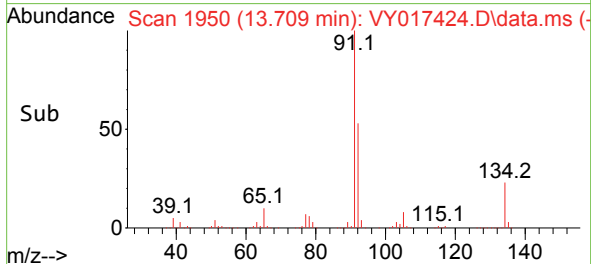
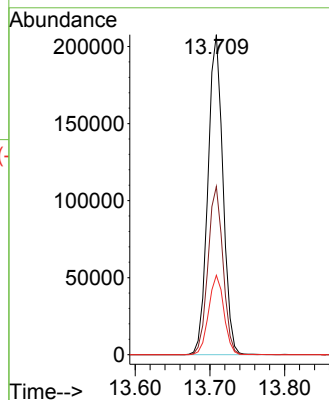
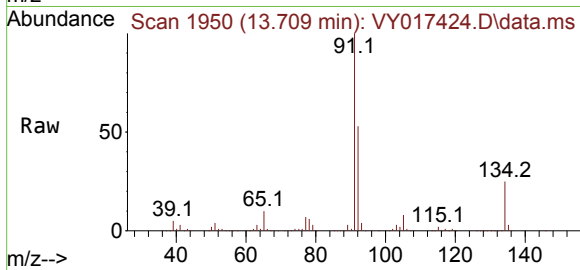
Tgt Ion: 91 Resp: 289425

Ion Ratio Lower Upper

91 100

92 52.5 26.6 79.7

134 25.3 12.9 38.7



#90

Hexachloroethane

Concen: 46.858 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.006 min

Lab File: VY017424.D

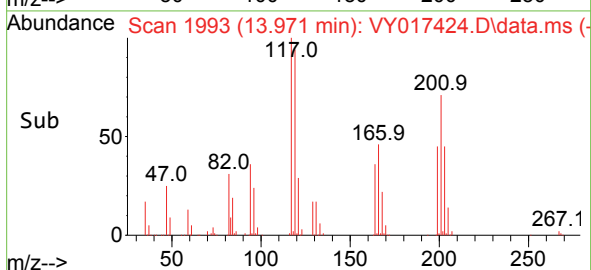
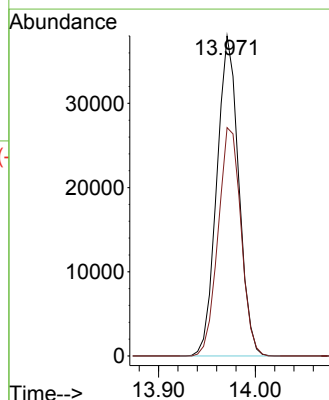
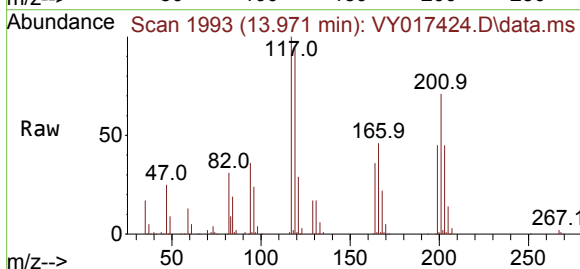
Acq: 20 Feb 2024 16:18

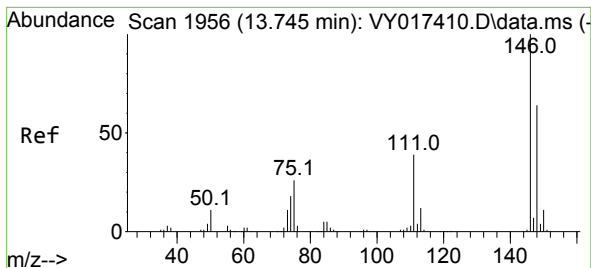
Tgt Ion: 117 Resp: 59719

Ion Ratio Lower Upper

117 100

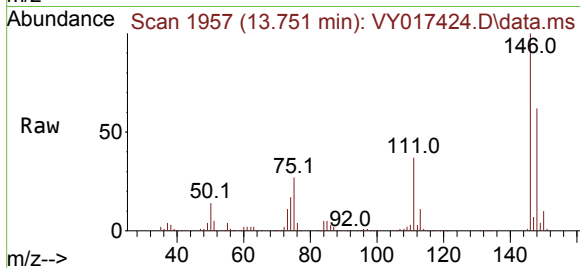
201 74.4 37.4 112.2



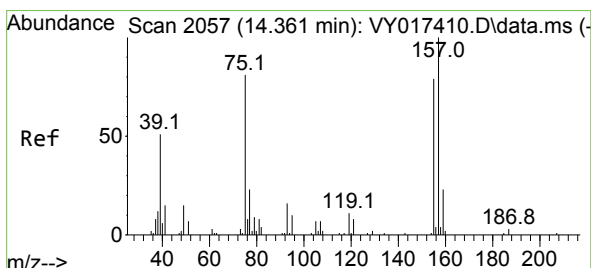
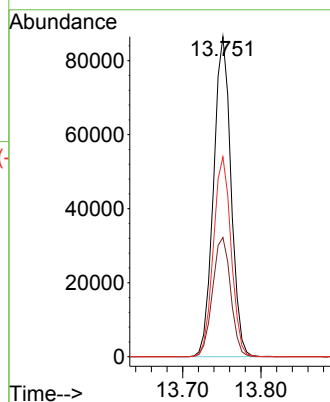
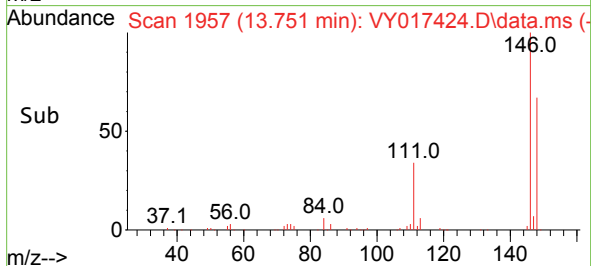


#91
1,2-Dichlorobenzene
Concen: 45.571 ug/l
RT: 13.751 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VY017424.D
Acq: 20 Feb 2024 16:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

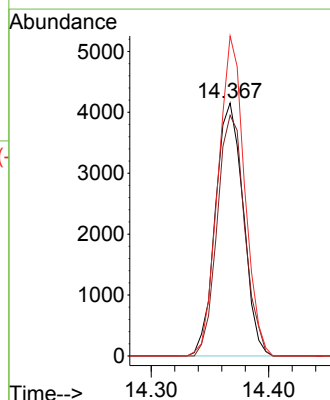
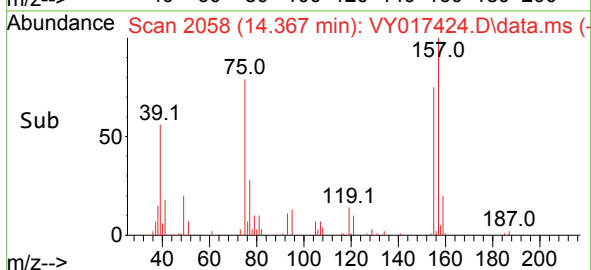
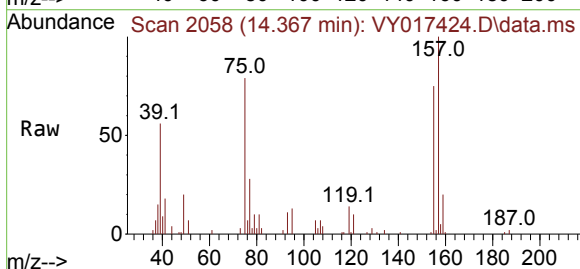


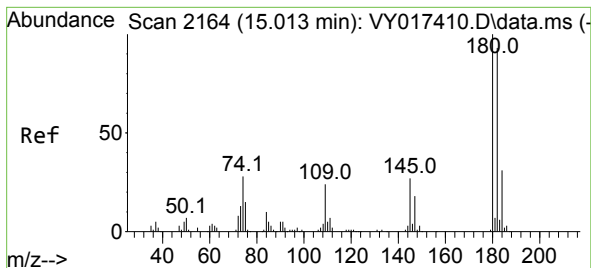
Tgt Ion:146 Resp: 133734
Ion Ratio Lower Upper
146 100
111 38.6 19.9 59.7
148 63.3 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 41.024 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VY017424.D
Acq: 20 Feb 2024 16:18

Tgt Ion: 75 Resp: 6822
Ion Ratio Lower Upper
75 100
155 93.9 48.6 145.8
157 120.0 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 43.423 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017424.D

Acq: 20 Feb 2024 16:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

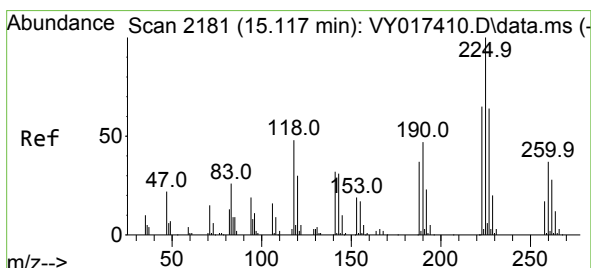
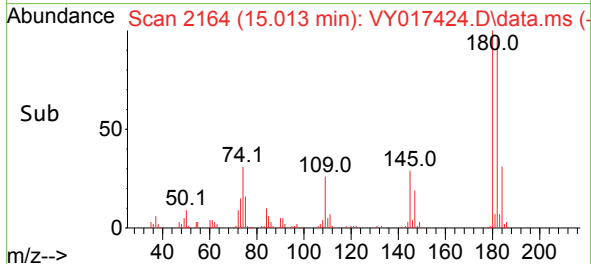
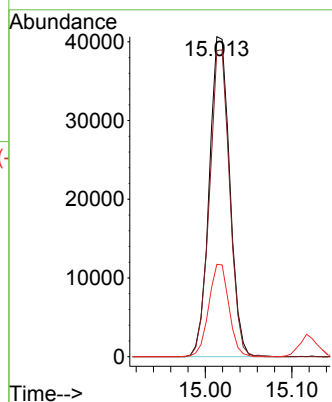
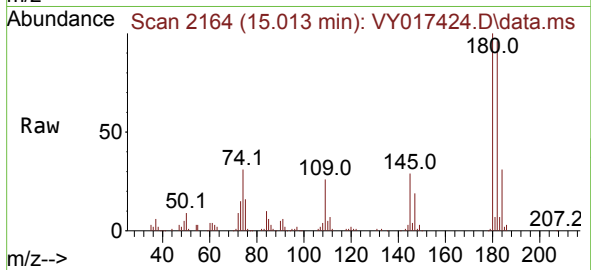
Tgt Ion:180 Resp: 66630

Ion Ratio Lower Upper

180 100

182 94.2 47.9 143.8

145 28.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 43.179 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY017424.D

Acq: 20 Feb 2024 16:18

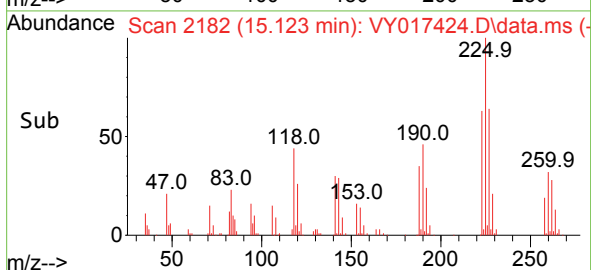
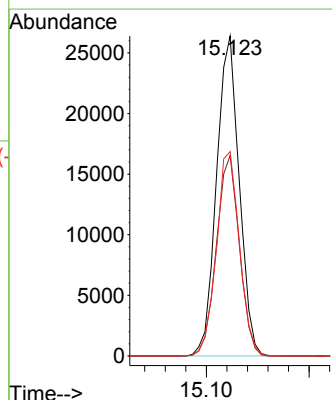
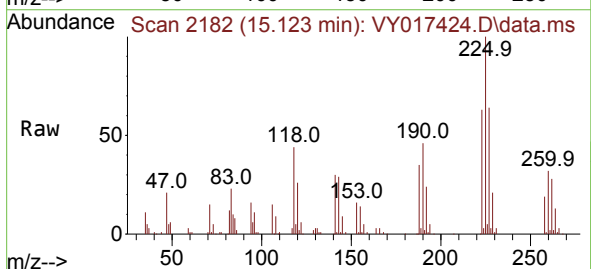
Tgt Ion:225 Resp: 40296

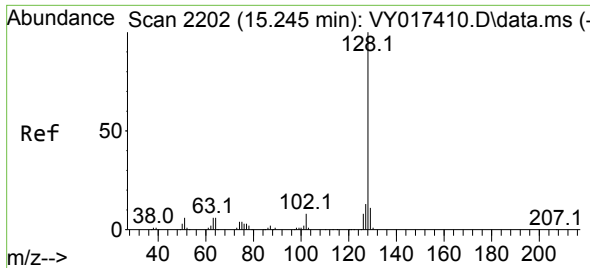
Ion Ratio Lower Upper

225 100

223 63.3 30.4 91.2

227 65.0 31.9 95.9

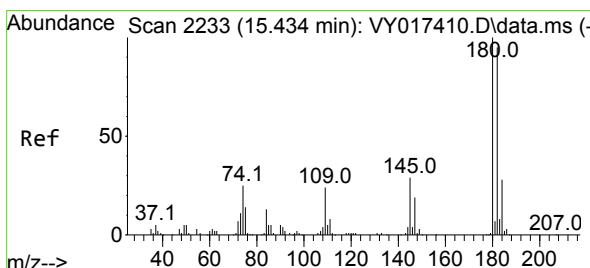
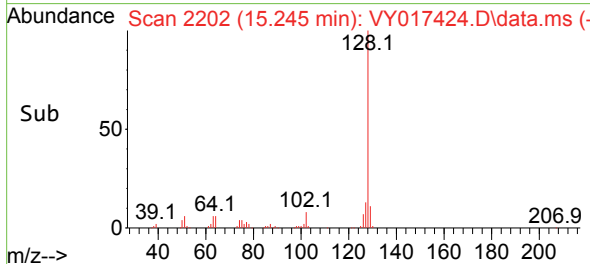
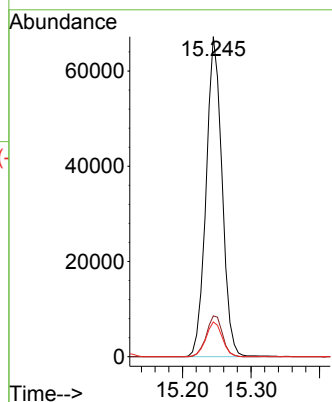
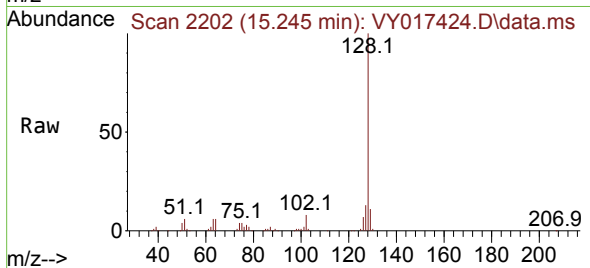




#95
Naphthalene
Concen: 39.034 ug/l
RT: 15.245 min Scan# 211
Delta R.T. -0.000 min
Lab File: VY017424.D
Acq: 20 Feb 2024 16:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 108864
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 41.719 ug/l
RT: 15.434 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY017424.D
Acq: 20 Feb 2024 16:18

Tgt Ion:180 Resp: 53818
Ion Ratio Lower Upper
180 100
182 95.9 47.6 142.9
145 31.2 15.4 46.1

