

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022924\
 Data File : VY017540.D
 Acq On : 29 Feb 2024 20:02
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Mar 01 00:35:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	116975	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	191458	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	170830	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	79500	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	57346	51.728	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.460%	
35) Dibromofluoromethane	7.728	113	64867	48.621	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.240%	
50) Toluene-d8	10.191	98	240899	51.644	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.280%	
62) 4-Bromofluorobenzene	12.495	95	73747	50.306	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.620%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	39154	45.376	ug/l	99
3) Chloromethane	2.119	50	77441	49.119	ug/l	98
4) Vinyl Chloride	2.253	62	97539	48.225	ug/l	100
5) Bromomethane	2.656	94	87814	53.277	ug/l	96
6) Chloroethane	2.802	64	68254	53.493	ug/l	95
7) Trichlorofluoromethane	3.131	101	98769	47.913	ug/l	92
8) Diethyl Ether	3.534	74	35176	58.180	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.912	101	60650	51.151	ug/l	99
10) Methyl Iodide	4.107	142	71615	53.818	ug/l	99
11) Tert butyl alcohol	4.966	59	20973	222.716	ug/l #	82
12) 1,1-Dichloroethene	3.881	96	58614	53.043	ug/l	99
13) Acrolein	3.735	56	36452	293.368	ug/l	100
14) Allyl chloride	4.497	41	74721	55.963	ug/l	95
15) Acrylonitrile	5.174	53	75812	305.025	ug/l	99
16) Acetone	3.954	43	55480	258.016	ug/l	95
17) Carbon Disulfide	4.204	76	173461	52.298	ug/l	98
18) Methyl Acetate	4.491	43	34457	66.052	ug/l	99
19) Methyl tert-butyl Ether	5.235	73	152443	59.188	ug/l	98
20) Methylene Chloride	4.729	84	72486	58.285	ug/l	97
21) trans-1,2-Dichloroethene	5.235	96	72645	56.148	ug/l	99
22) Diisopropyl ether	6.131	45	184943	60.026	ug/l	95
23) Vinyl Acetate	6.076	43	541879	295.144	ug/l	100
24) 1,1-Dichloroethane	6.033	63	121932	57.927	ug/l	99
25) 2-Butanone	7.003	43	88812	289.821	ug/l	97
26) 2,2-Dichloropropane	6.996	77	86544	48.902	ug/l	97
27) cis-1,2-Dichloroethene	6.996	96	84514	58.178	ug/l	96
28) Bromochloromethane	7.350	49	60070	72.461	ug/l	97
29) Tetrahydrofuran	7.362	42	57612	311.883	ug/l	99
30) Chloroform	7.521	83	131452	58.656	ug/l	99
31) Cyclohexane	7.801	56	89471	49.592	ug/l	98
32) 1,1,1-Trichloroethane	7.716	97	107049	55.020	ug/l	99
36) 1,1-Dichloropropene	7.929	75	94923	52.734	ug/l	99
37) Ethyl Acetate	7.088	43	40409	56.838	ug/l	97
38) Carbon Tetrachloride	7.917	117	94327	52.286	ug/l	99
39) Methylcyclohexane	9.197	83	106563	49.260	ug/l	98
40) Benzene	8.173	78	295210	55.224	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	18892	52.954	ug/l #	85
42) 1,2-Dichloroethane	8.246	62	72410	55.518	ug/l	98
43) Isopropyl Acetate	8.289	43	72086	57.700	ug/l	99
44) Trichloroethene	8.953	130	82659	53.648	ug/l	99
45) 1,2-Dichloropropane	9.228	63	70658	55.557	ug/l	100
46) Dibromomethane	9.319	93	40784	56.033	ug/l	96
47) Bromodichloromethane	9.508	83	99523	56.314	ug/l	98
48) Methyl methacrylate	9.307	41	32734	56.605	ug/l	94
49) 1,4-Dioxane	9.307	88	9197	1116.505	ug/l #	93
51) 4-Methyl-2-Pentanone	10.081	43	206398	296.427	ug/l	99
52) Toluene	10.258	92	185348	55.000	ug/l	100
53) t-1,3-Dichloropropene	10.478	75	89721	54.696	ug/l	97
54) cis-1,3-Dichloropropene	9.941	75	109527	54.951	ug/l	95
55) 1,1,2-Trichloroethane	10.654	97	58583	56.688	ug/l	98
56) Ethyl methacrylate	10.520	69	68707	53.838	ug/l	99
57) 1,3-Dichloropropane	10.801	76	95215	56.669	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	184594	309.546	ug/l	99
59) 2-Hexanone	10.843	43	138945	290.519	ug/l	98
60) Dibromochloromethane	10.996	129	69676	56.992	ug/l	99
61) 1,2-Dibromoethane	11.099	107	54077	56.783	ug/l	99
64) Tetrachloroethene	10.734	164	85132	51.920	ug/l	97
65) Chlorobenzene	11.526	112	197845	54.563	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.599	131	75112	55.294	ug/l	99
67) Ethyl Benzene	11.605	91	349012	54.884	ug/l	97
68) m/p-Xylenes	11.715	106	275174	110.125	ug/l	98
69) o-Xylene	12.044	106	129177	55.724	ug/l	98
70) Styrene	12.057	104	217772	56.594	ug/l	98
71) Bromoform	12.221	173	43209	57.400	ug/l #	98
73) Isopropylbenzene	12.343	105	326577	55.293	ug/l	100
74) N-amyl acetate	12.154	43	60320	57.905	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.593	83	62373	61.497	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	75585	100.064	ug/l #	100
77) Bromobenzene	12.617	156	79198	55.370	ug/l	98
78) n-propylbenzene	12.684	91	390542	55.107	ug/l	99
79) 2-Chlorotoluene	12.770	91	217842	54.902	ug/l	98
80) 1,3,5-Trimethylbenzene	12.825	105	263520	55.690	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	18166	55.259	ug/l	97
82) 4-Chlorotoluene	12.867	91	222196	54.750	ug/l	98
83) tert-Butylbenzene	13.087	119	230437	55.457	ug/l	97
84) 1,2,4-Trimethylbenzene	13.130	105	260529	55.769	ug/l	100
85) sec-Butylbenzene	13.264	105	342649	53.936	ug/l	100
86) p-Isopropyltoluene	13.379	119	279219	53.691	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	154962	53.975	ug/l	98
88) 1,4-Dichlorobenzene	13.459	146	148130	53.071	ug/l	98
89) n-Butylbenzene	13.709	91	244096	51.445	ug/l	99
90) Hexachloroethane	13.971	117	55863	53.580	ug/l	97
91) 1,2-Dichlorobenzene	13.751	146	134634	55.441	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	7579	53.154	ug/l	98
93) 1,2,4-Trichlorobenzene	15.019	180	62664	48.853	ug/l	100
94) Hexachlorobutadiene	15.123	225	37138	46.894	ug/l	98
95) Naphthalene	15.245	128	113149	45.875	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	53412	48.538	ug/l	99

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
Response via : Initial Calibration

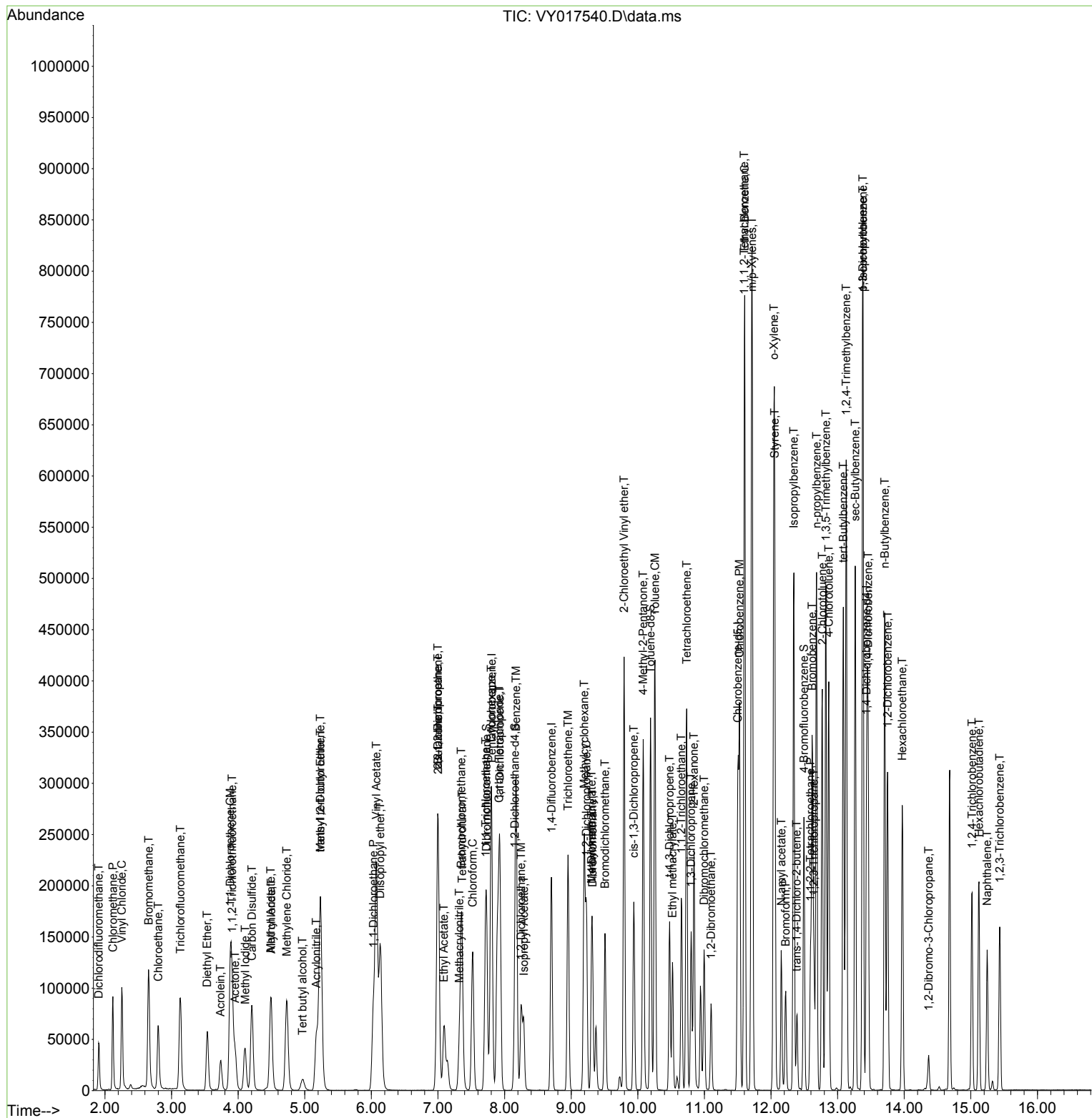
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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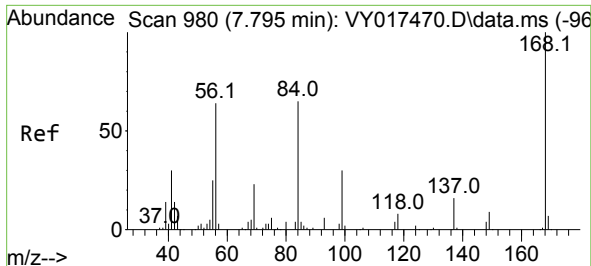
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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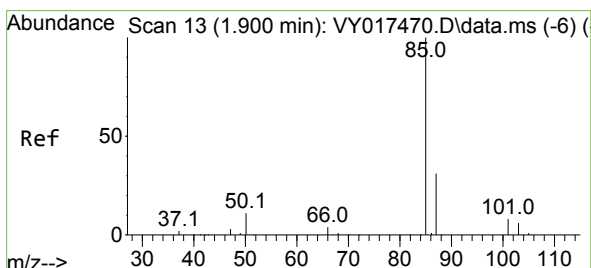
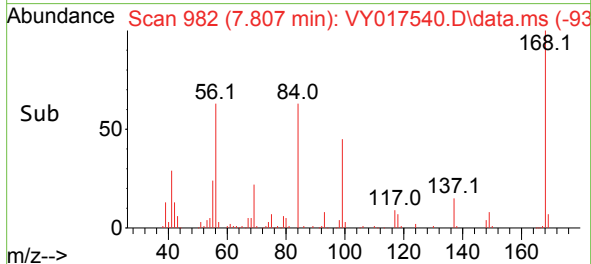
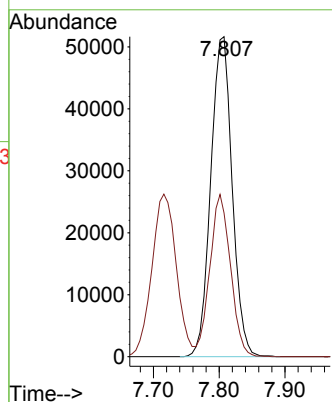
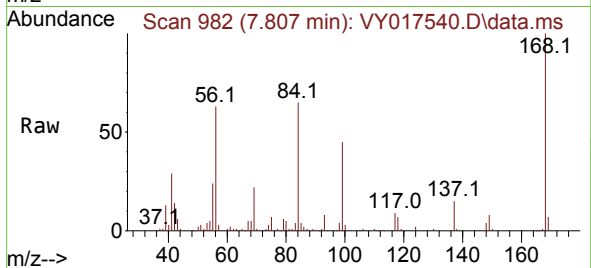




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017540.D
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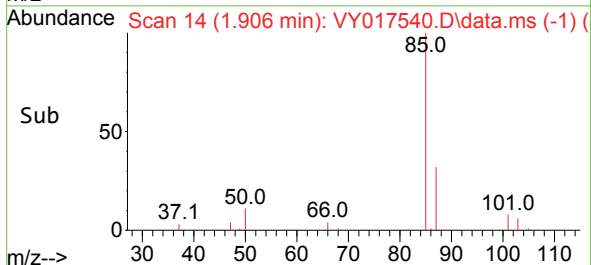
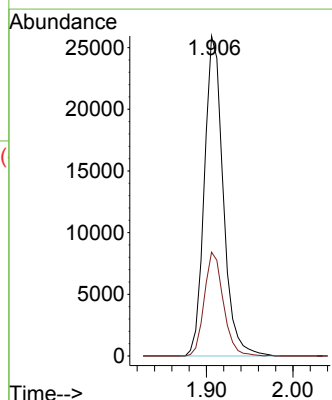
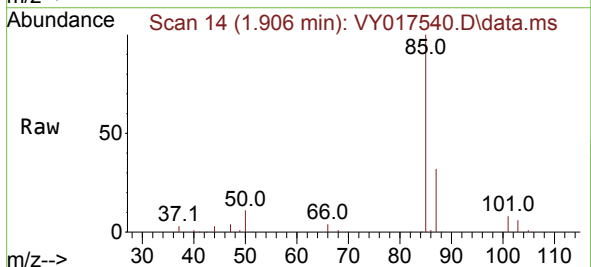
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

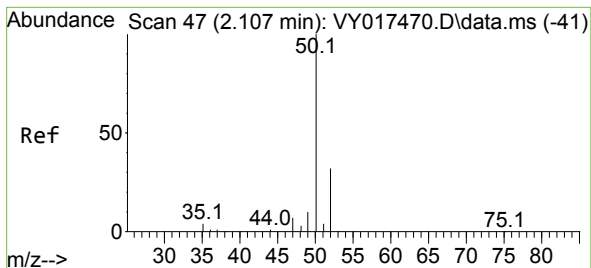
Tgt Ion:168 Resp: 116975
Ion Ratio Lower Upper
168 100
99 44.9 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 45.376 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY017540.D
Acq: 29 Feb 2024 20:02

Tgt Ion: 85 Resp: 39154
Ion Ratio Lower Upper
85 100
87 32.5 16.0 48.0





#3

Chloromethane

Concen: 49.119 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.012 min

Lab File: VY017540.D

Acq: 29 Feb 2024 20:02

Instrument :

MSVOA_Y

ClientSampleId :

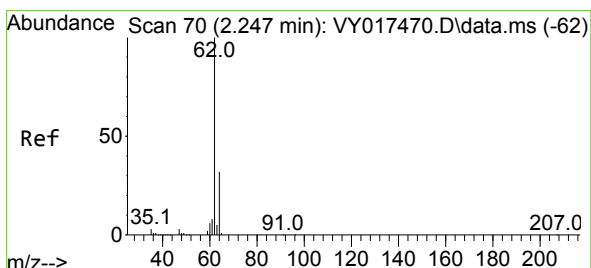
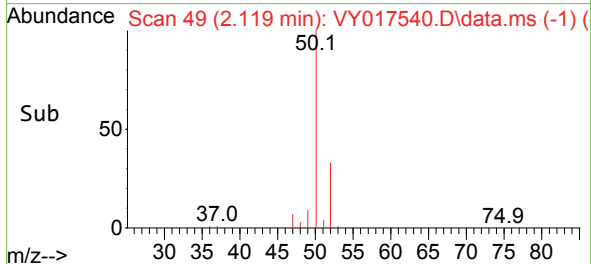
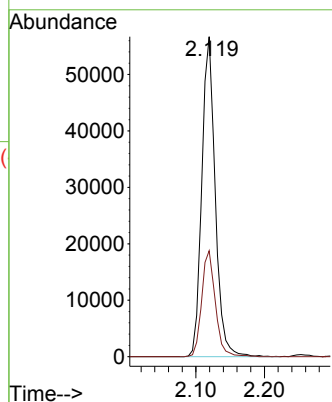
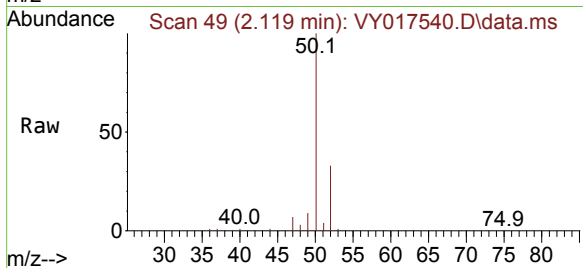
VSTDCCC050EC

Tgt Ion: 50 Resp: 77441

Ion Ratio Lower Upper

50 100

52 33.1 25.6 38.4



#4

Vinyl Chloride

Concen: 48.225 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.006 min

Lab File: VY017540.D

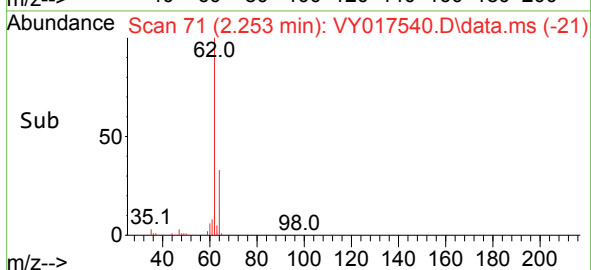
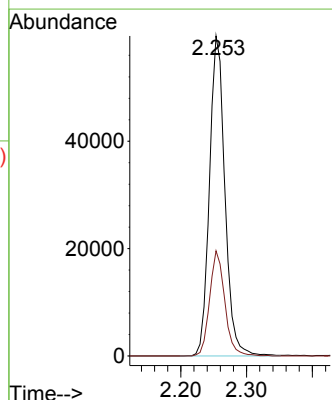
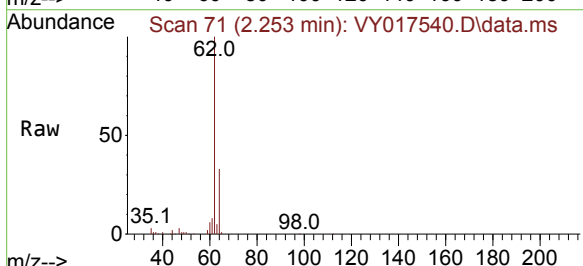
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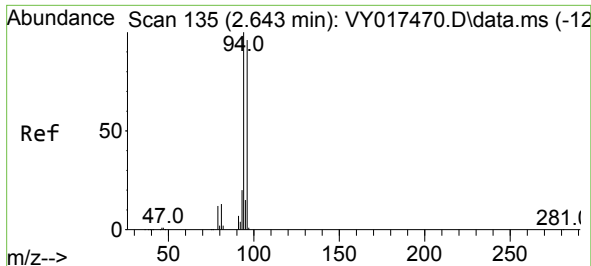
Tgt Ion: 62 Resp: 97539

Ion Ratio Lower Upper

62 100

64 32.9 26.1 39.1

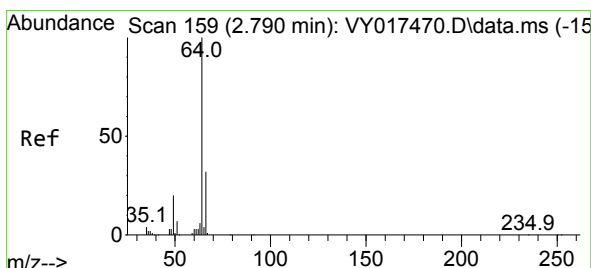
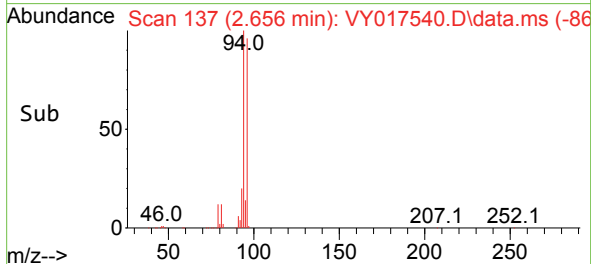
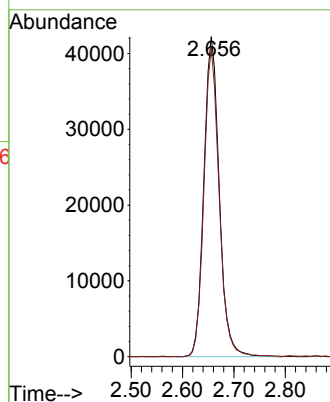
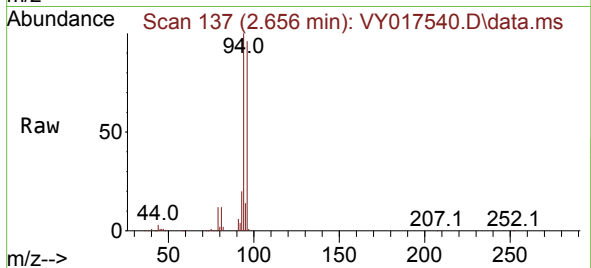




#5
Bromomethane
Concen: 53.277 ug/l
RT: 2.656 min Scan# 111
Delta R.T. 0.012 min
Lab File: VY017540.D
Acq: 29 Feb 2024 20:02

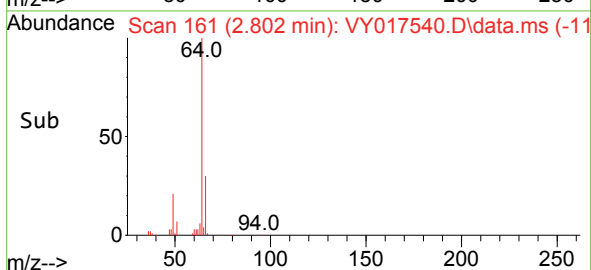
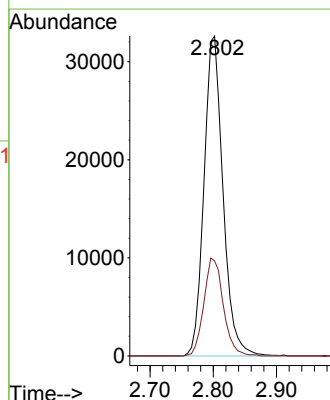
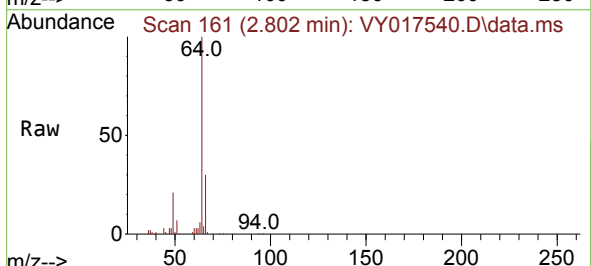
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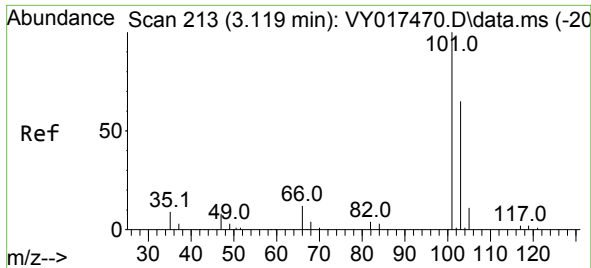
Tgt Ion: 94 Resp: 87814
Ion Ratio Lower Upper
94 100
96 96.5 74.1 111.1



#6
Chloroethane
Concen: 53.493 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.012 min
Lab File: VY017540.D
Acq: 29 Feb 2024 20:02

Tgt Ion: 64 Resp: 68254
Ion Ratio Lower Upper
64 100
66 29.7 26.1 39.1

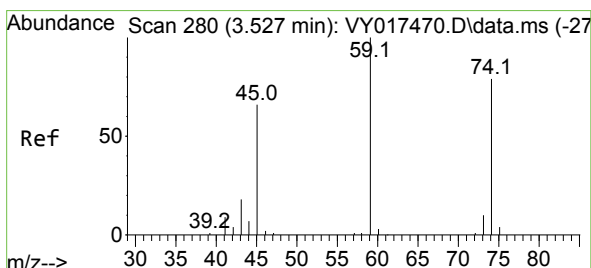
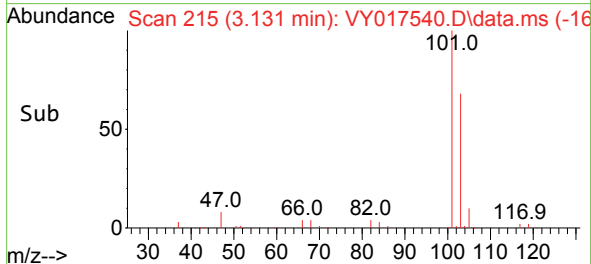
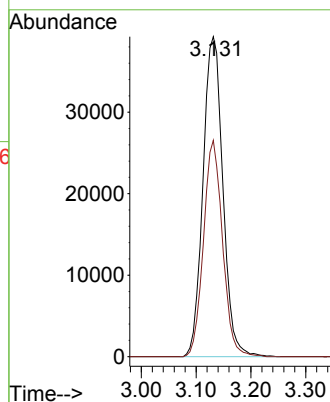
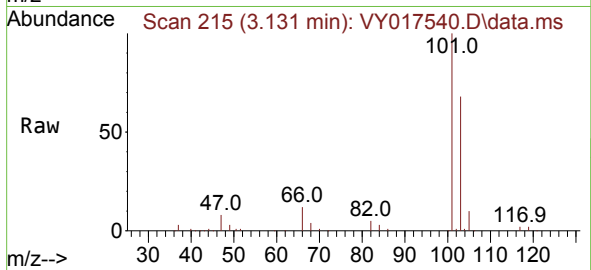




#7
Trichlorofluoromethane
Concen: 47.913 ug/l
RT: 3.131 min Scan# 213
Delta R.T. 0.012 min
Lab File: VY017540.D
Acq: 29 Feb 2024 20:02

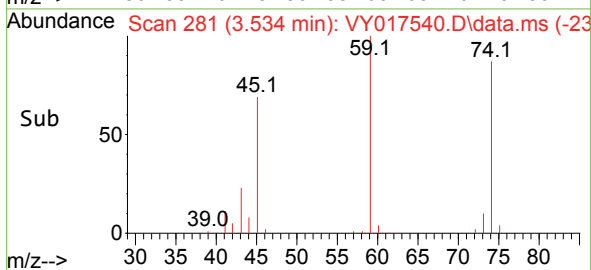
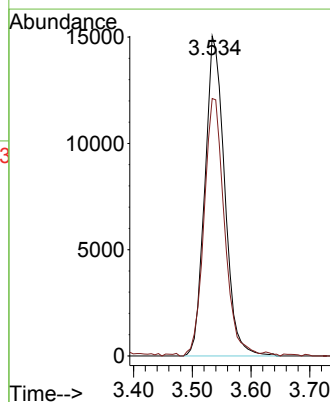
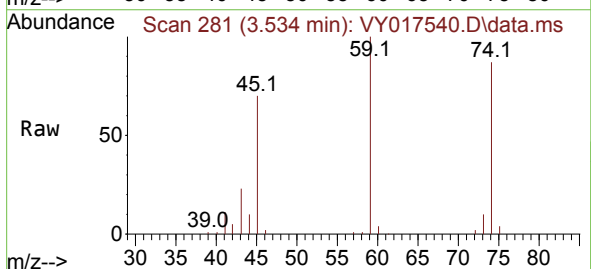
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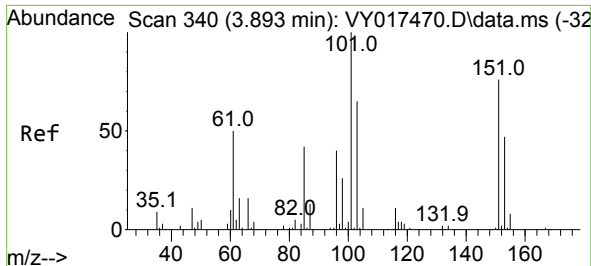
Tgt Ion:101 Resp: 98769
Ion Ratio Lower Upper
101 100
103 67.6 49.3 73.9



#8
Diethyl Ether
Concen: 58.180 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.006 min
Lab File: VY017540.D
Acq: 29 Feb 2024 20:02

Tgt Ion: 74 Resp: 35176
Ion Ratio Lower Upper
74 100
45 83.1 41.3 124.1

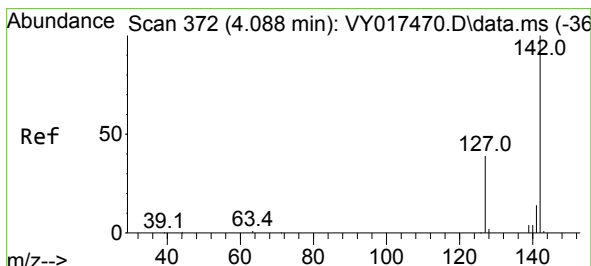
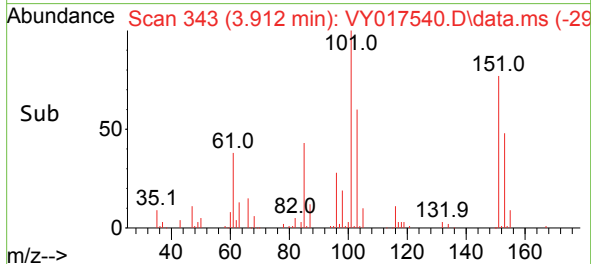
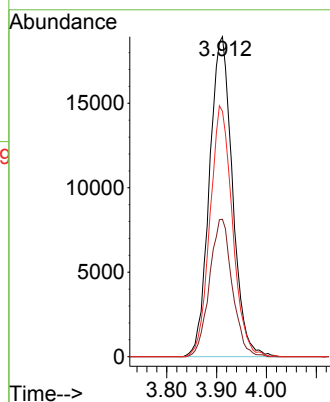
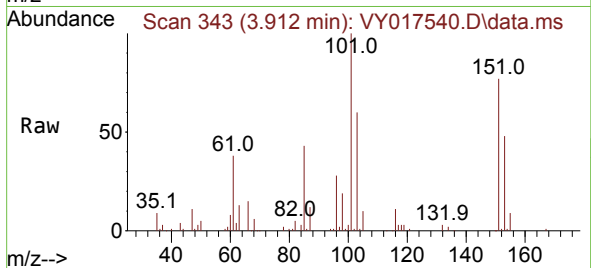




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.151 ug/l
RT: 3.912 min Scan# 34
Delta R.T. 0.018 min
Lab File: VY017540.D
Acq: 29 Feb 2024 20:02

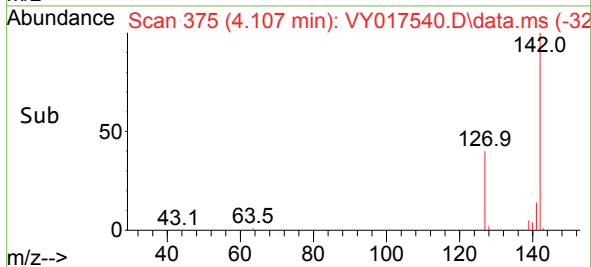
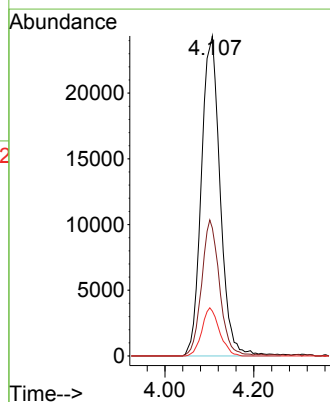
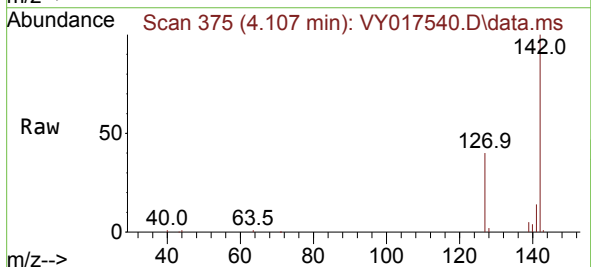
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

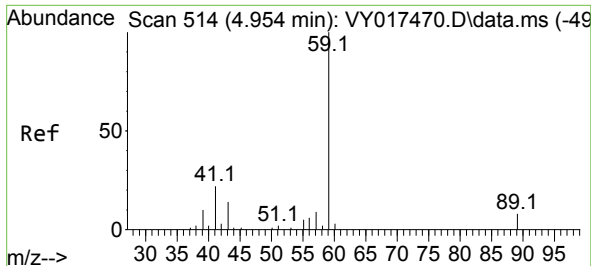
Tgt Ion:101 Resp: 60650
Ion Ratio Lower Upper
101 100
85 42.5 34.5 51.7
151 76.7 61.7 92.5



#10
Methyl Iodide
Concen: 53.818 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.018 min
Lab File: VY017540.D
Acq: 29 Feb 2024 20:02

Tgt Ion:142 Resp: 71615
Ion Ratio Lower Upper
142 100
127 40.6 32.8 49.2
141 14.1 11.4 17.2

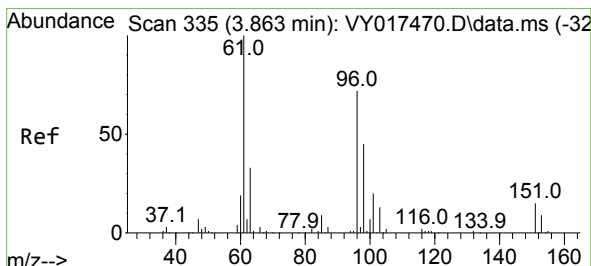
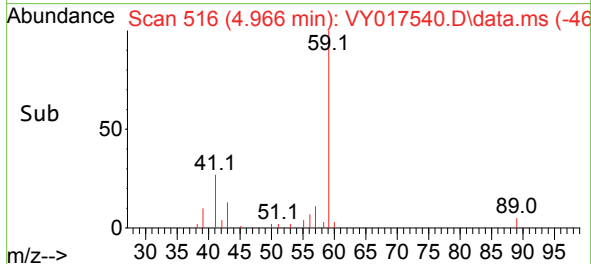
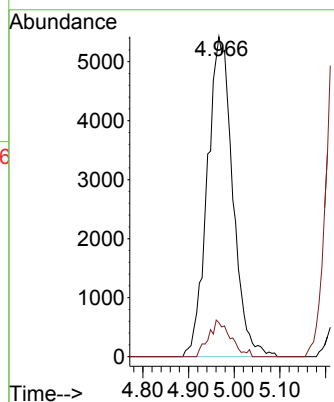
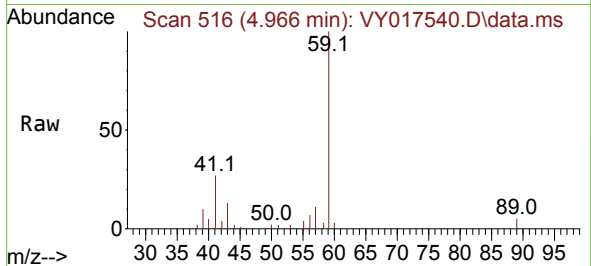




#11
Tert butyl alcohol
Concen: 222.716 ug/l
RT: 4.966 min Scan# 514
Delta R.T. 0.012 min
Lab File: VY017540.D
Acq: 29 Feb 2024 20:02

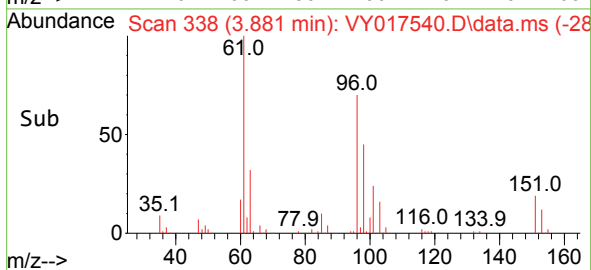
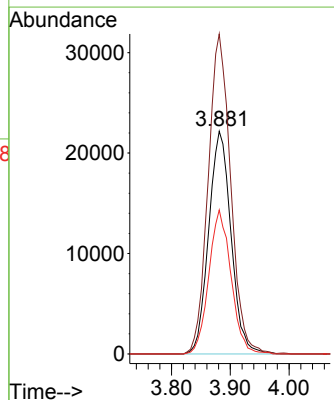
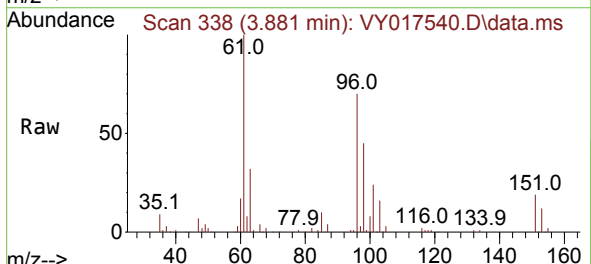
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

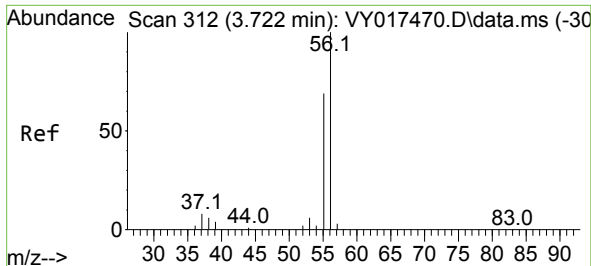
Tgt Ion: 59 Resp: 20973
Ion Ratio Lower Upper
59 100
57 9.8 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 53.043 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.018 min
Lab File: VY017540.D
Acq: 29 Feb 2024 20:02

Tgt Ion: 96 Resp: 58614
Ion Ratio Lower Upper
96 100
61 143.7 114.6 171.8
98 64.6 50.8 76.2

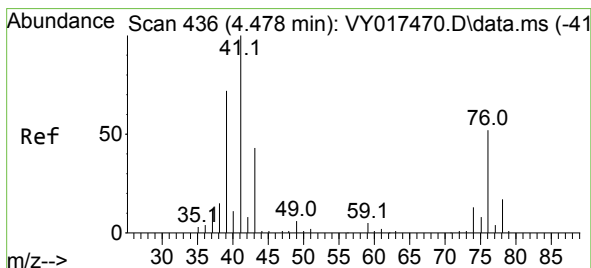
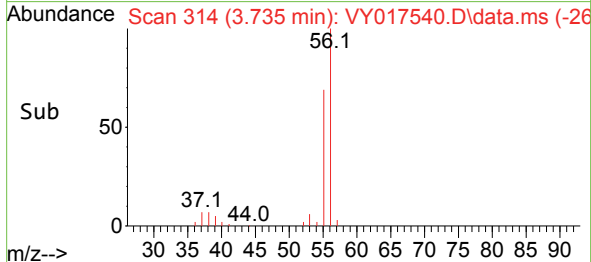
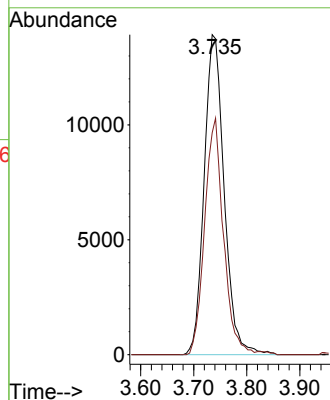
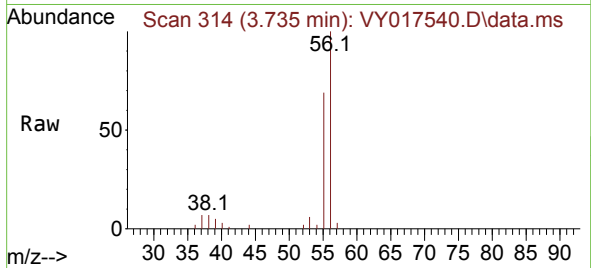




#13
Acrolein
Concen: 293.368 ug/l
RT: 3.735 min Scan# 314
Delta R.T. 0.012 min
Lab File: VY017540.D
Acq: 29 Feb 2024 20:02

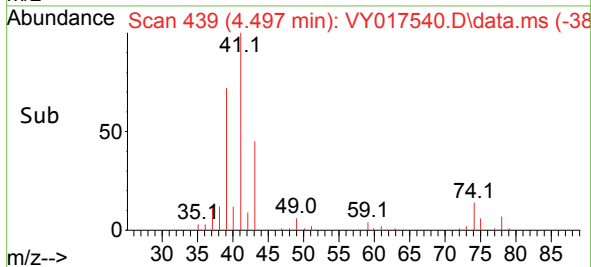
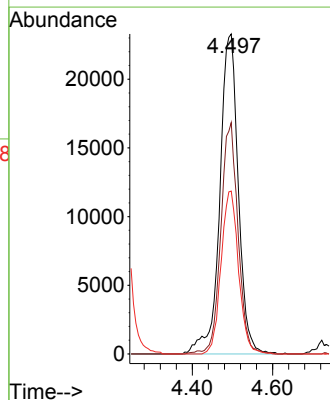
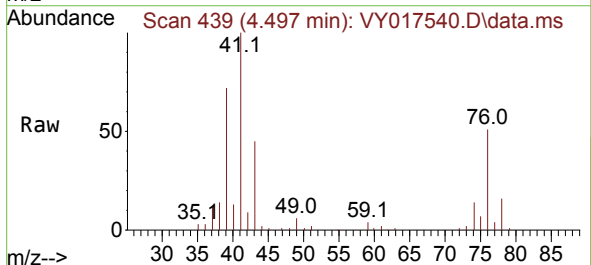
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

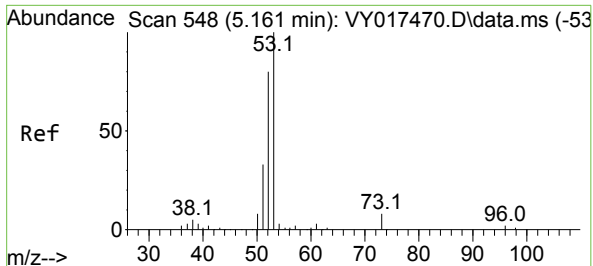
Tgt Ion: 56 Resp: 36452
Ion Ratio Lower Upper
56 100
55 69.6 55.7 83.5



#14
Allyl chloride
Concen: 55.963 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.018 min
Lab File: VY017540.D
Acq: 29 Feb 2024 20:02

Tgt Ion: 41 Resp: 74721
Ion Ratio Lower Upper
41 100
39 67.2 58.3 87.5
76 48.1 39.0 58.6

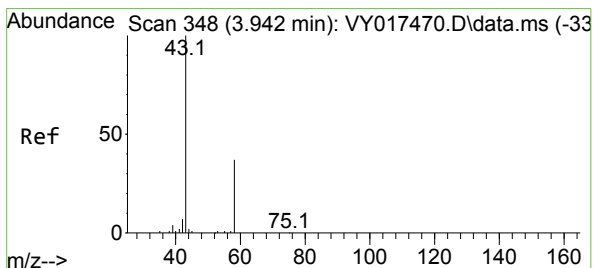
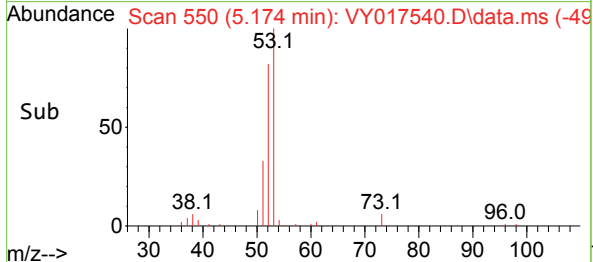
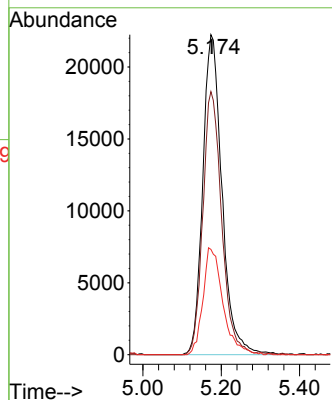
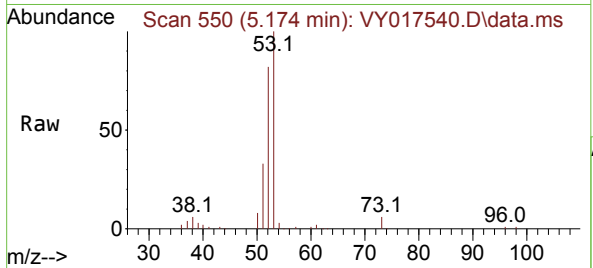




#15
Acrylonitrile
Concen: 305.025 ug/l
RT: 5.174 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY017540.D
Acq: 29 Feb 2024 20:02

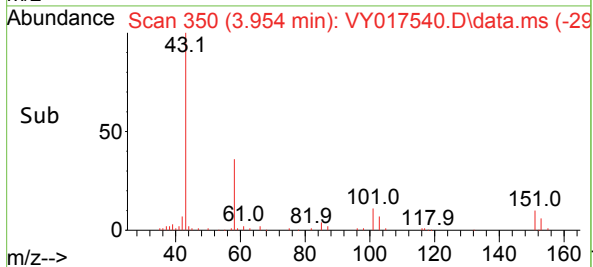
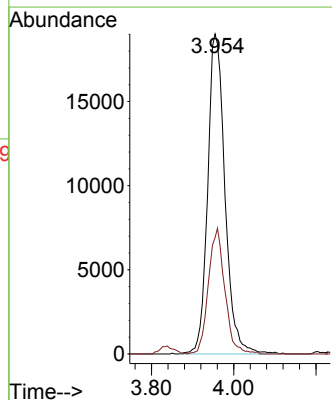
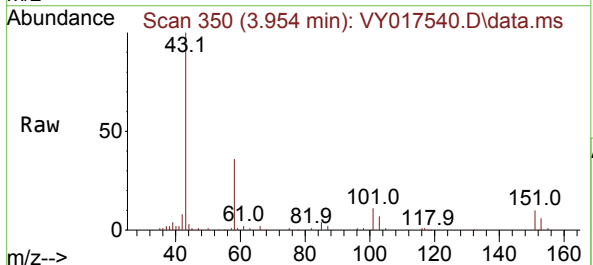
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

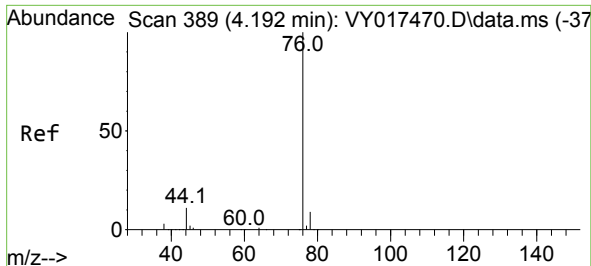
Tgt Ion: 53 Resp: 75812
Ion Ratio Lower Upper
53 100
52 80.3 64.7 97.1
51 34.7 28.4 42.6



#16
Acetone
Concen: 258.016 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY017540.D
Acq: 29 Feb 2024 20:02

Tgt Ion: 43 Resp: 55480
Ion Ratio Lower Upper
43 100
58 36.4 31.7 47.5

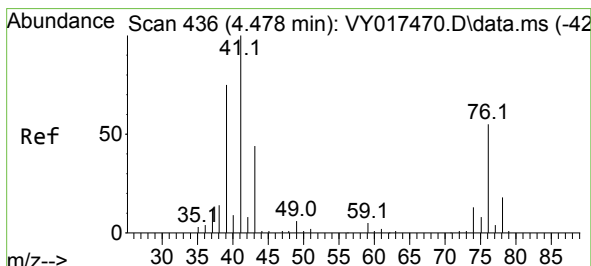
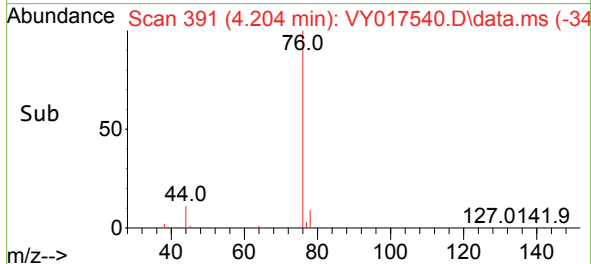
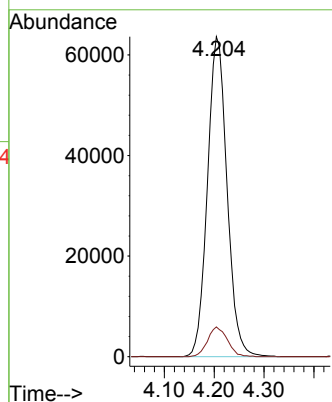
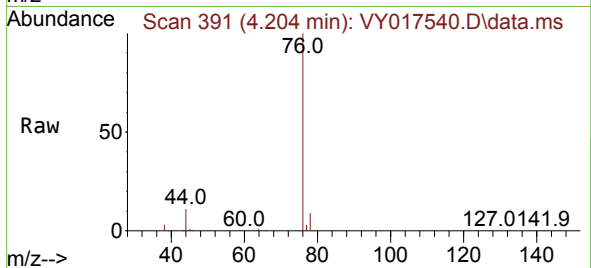




#17
Carbon Disulfide
Concen: 52.298 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY017540.D
Acq: 29 Feb 2024 20:02

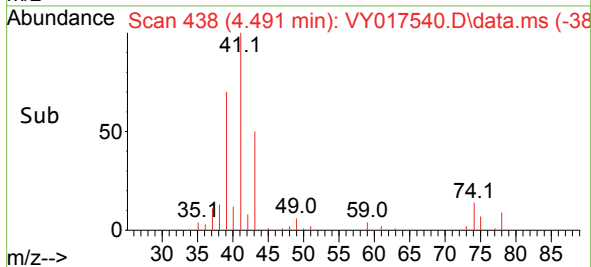
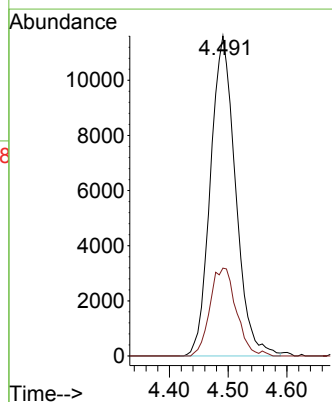
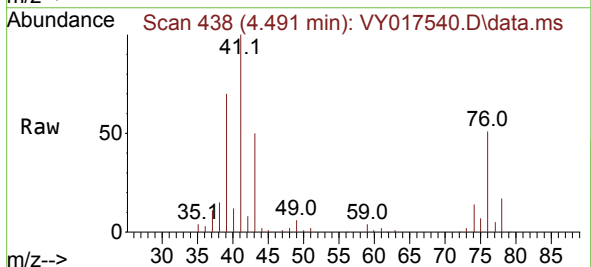
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

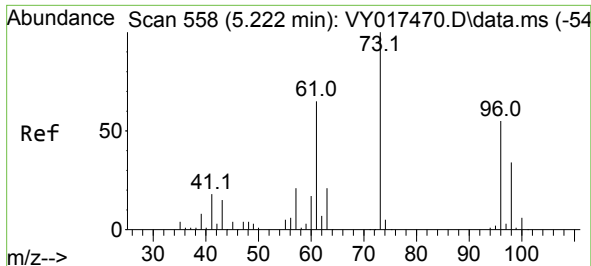
Tgt Ion: 76 Resp: 173461
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2



#18
Methyl Acetate
Concen: 66.052 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY017540.D
Acq: 29 Feb 2024 20:02

Tgt Ion: 43 Resp: 34457
Ion Ratio Lower Upper
43 100
74 28.5 23.3 34.9

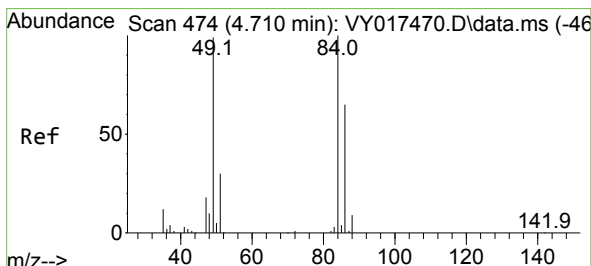
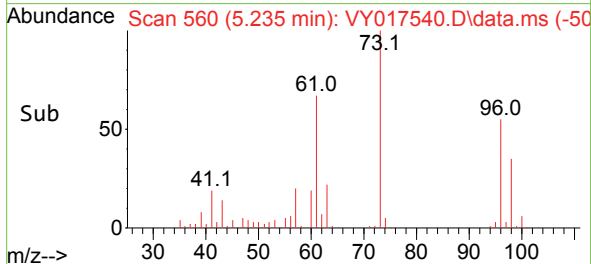
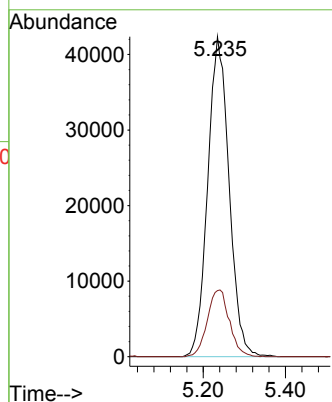
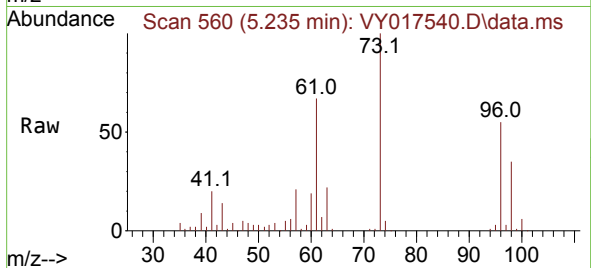




#19
Methyl tert-butyl Ether
Concen: 59.188 ug/l
RT: 5.235 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY017540.D
Acq: 29 Feb 2024 20:02

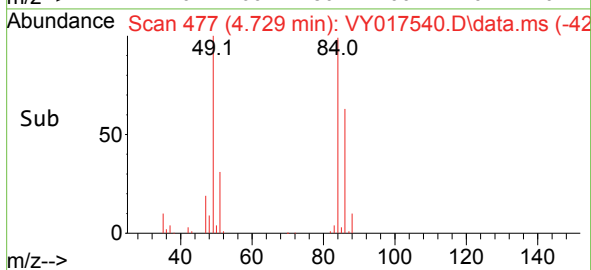
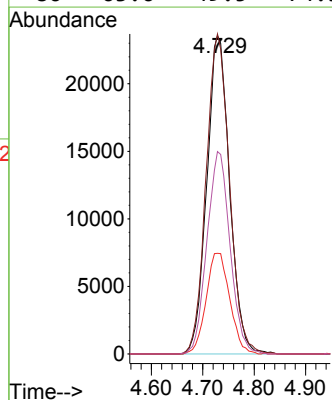
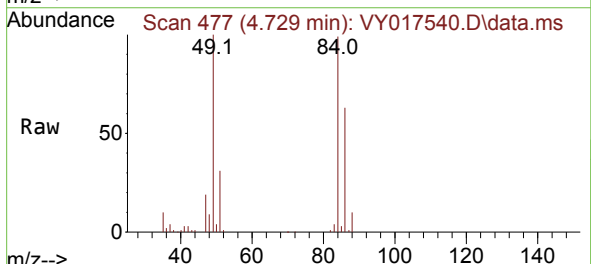
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

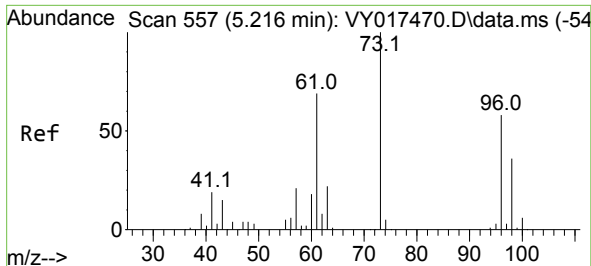
Tgt Ion: 73 Resp: 152443
Ion Ratio Lower Upper
73 100
57 20.7 17.3 25.9



#20
Methylene Chloride
Concen: 58.285 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.019 min
Lab File: VY017540.D
Acq: 29 Feb 2024 20:02

Tgt Ion: 84 Resp: 72486
Ion Ratio Lower Upper
84 100
49 100.5 84.4 126.6
51 31.6 26.0 39.0
86 63.6 49.5 74.3

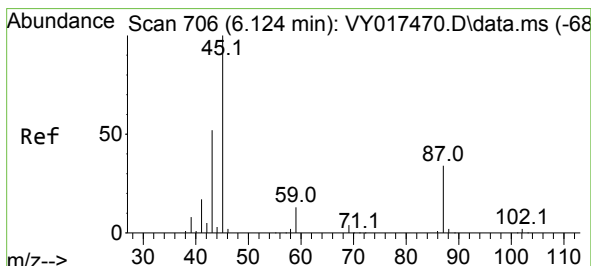
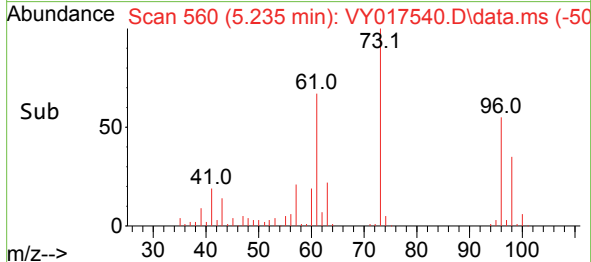
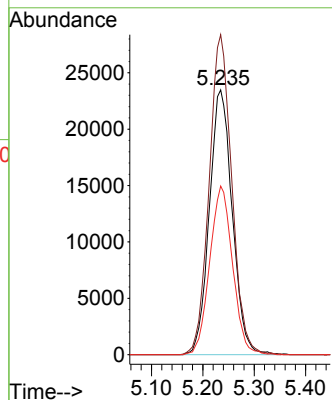
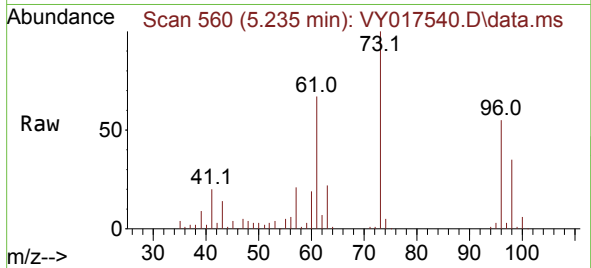




#21
trans-1,2-Dichloroethene
Concen: 56.148 ug/l
RT: 5.235 min Scan# 50
Delta R.T. 0.018 min
Lab File: VY017540.D
Acq: 29 Feb 2024 20:02

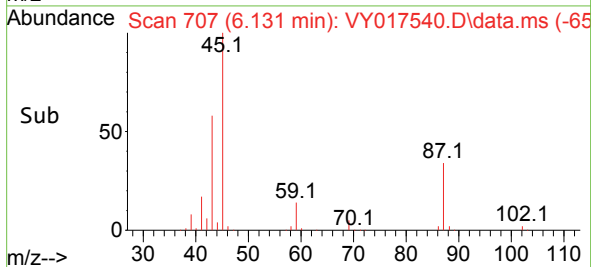
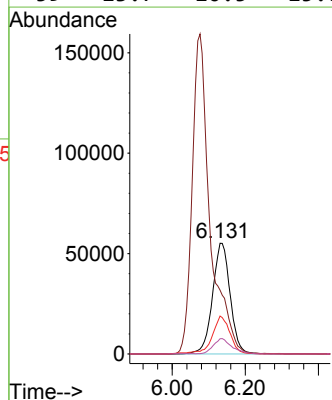
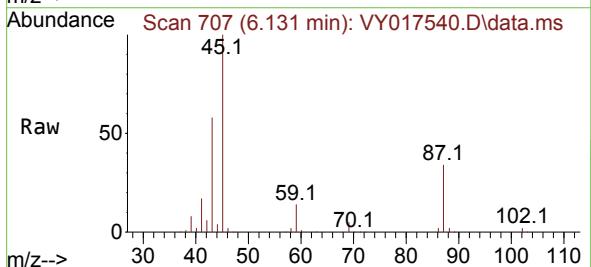
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

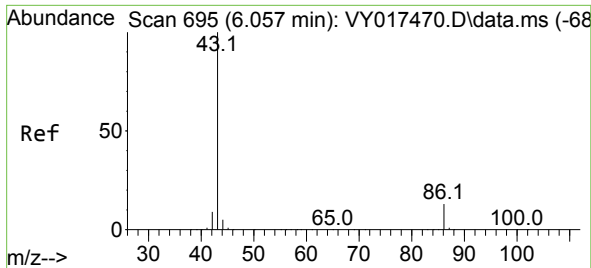
Tgt Ion: 96 Resp: 72645
Ion Ratio Lower Upper
96 100
61 120.8 97.5 146.3
98 63.7 50.5 75.7



#22
Diisopropyl ether
Concen: 60.026 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY017540.D
Acq: 29 Feb 2024 20:02

Tgt Ion: 45 Resp: 184943
Ion Ratio Lower Upper
45 100
43 57.2 42.2 63.2
87 34.2 25.0 37.6
59 13.7 10.5 15.7

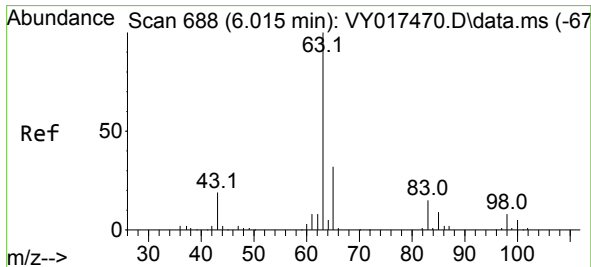
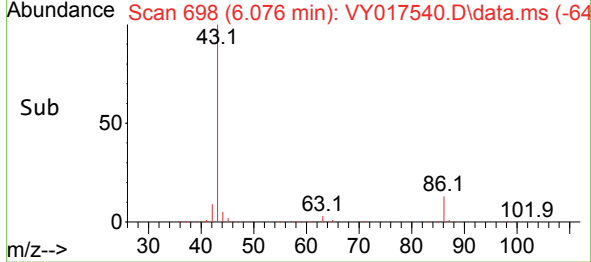
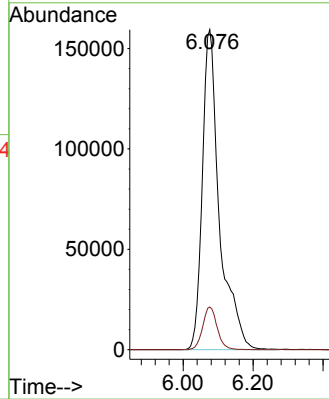
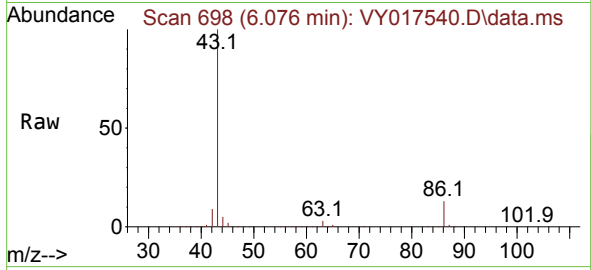




#23
 Vinyl Acetate
 Concen: 295.144 ug/l
 RT: 6.076 min Scan# 691
 Delta R.T. 0.018 min
 Lab File: VY017540.D
 Acq: 29 Feb 2024 20:02

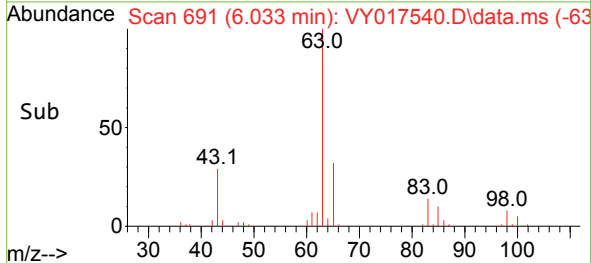
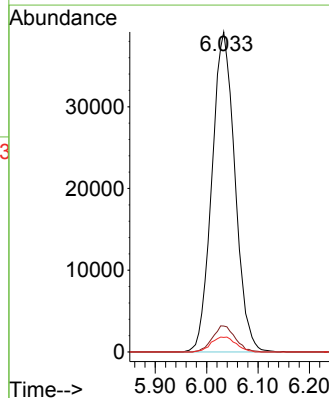
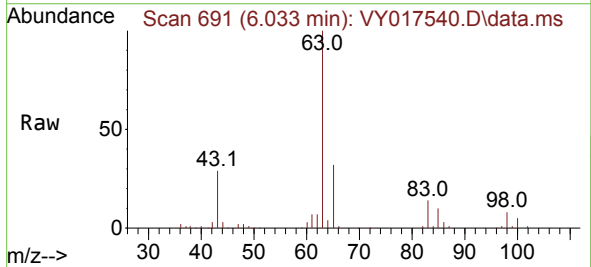
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

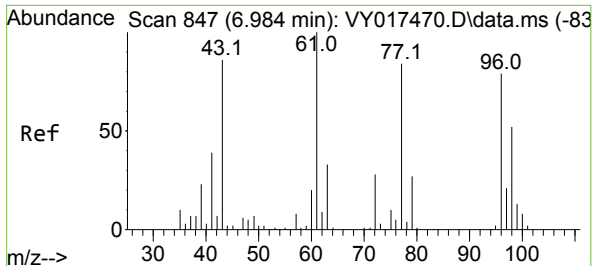
Tgt Ion: 43 Resp: 541879
 Ion Ratio Lower Upper
 43 100
 86 13.3 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 57.927 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.019 min
 Lab File: VY017540.D
 Acq: 29 Feb 2024 20:02

Tgt Ion: 63 Resp: 121932
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.0 12.2
 100 4.5 2.6 8.0





#25

2-Butanone

Concen: 289.821 ug/l

RT: 7.003 min Scan# 81

Delta R.T. 0.018 min

Lab File: VY017540.D

Acq: 29 Feb 2024 20:02

Instrument :

MSVOA_Y

ClientSampleId :

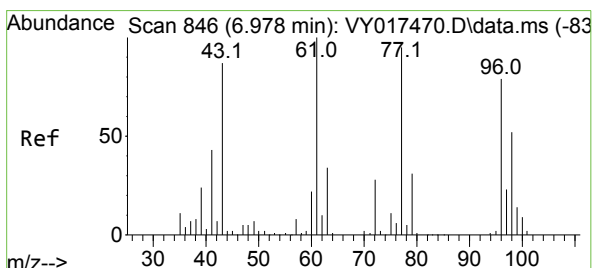
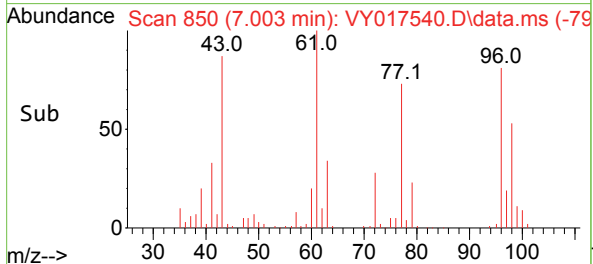
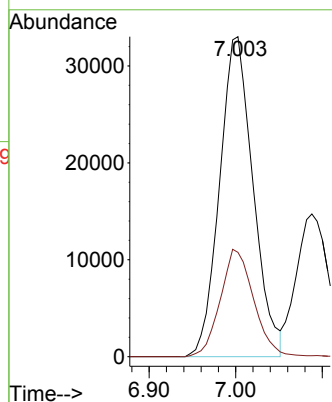
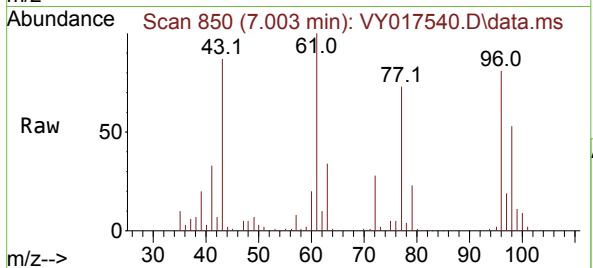
VSTDCCC050EC

Tgt Ion: 43 Resp: 88812

Ion Ratio Lower Upper

43 100

72 32.6 27.3 40.9



#26

2,2-Dichloropropane

Concen: 48.902 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.018 min

Lab File: VY017540.D

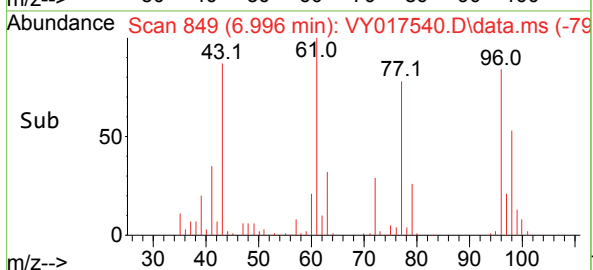
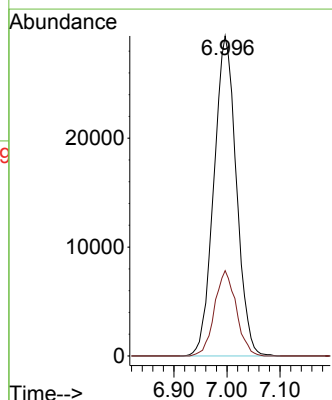
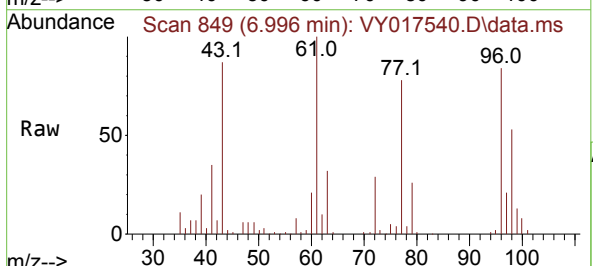
Acq: 29 Feb 2024 20:02

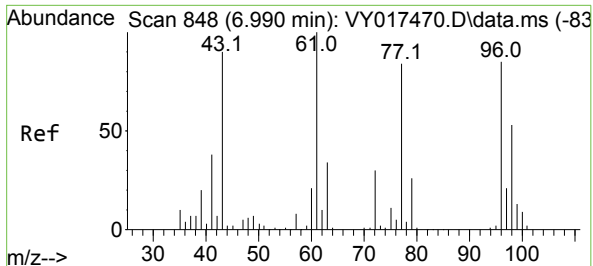
Tgt Ion: 77 Resp: 86544

Ion Ratio Lower Upper

77 100

97 25.8 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 58.178 ug/l

RT: 6.996 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY017540.D

Acq: 29 Feb 2024 20:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

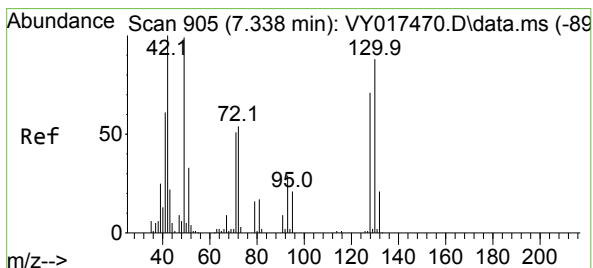
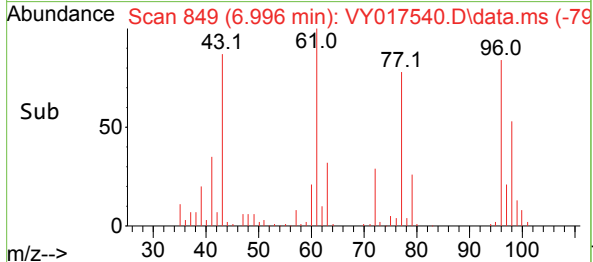
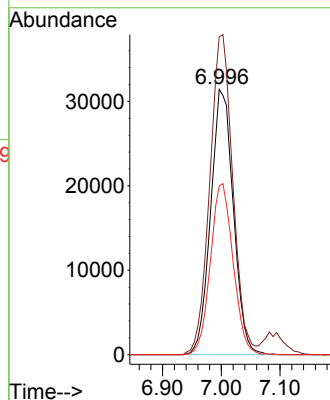
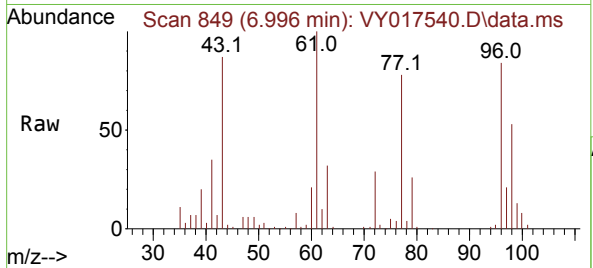
Tgt Ion: 96 Resp: 84514

Ion Ratio Lower Upper

96 100

61 122.3 0.0 256.2

98 64.5 0.0 130.0



#28

Bromochloromethane

Concen: 72.461 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.012 min

Lab File: VY017540.D

Acq: 29 Feb 2024 20:02

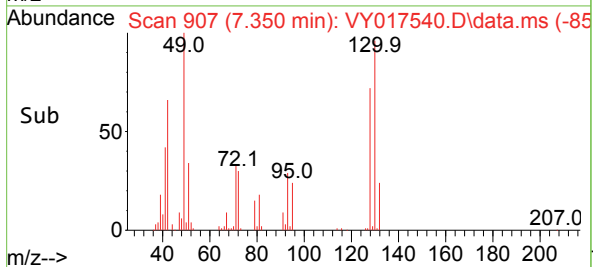
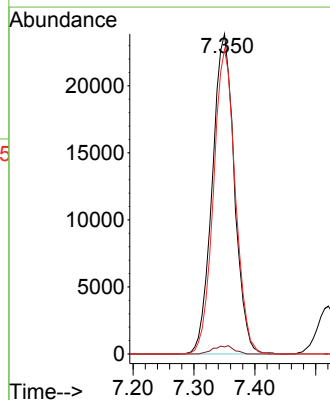
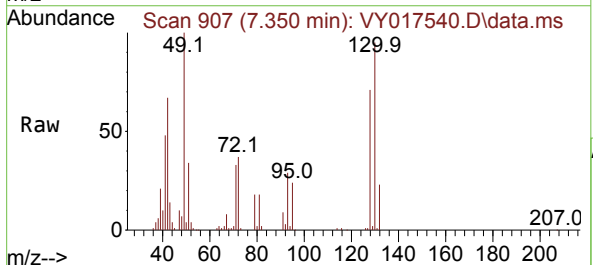
Tgt Ion: 49 Resp: 60070

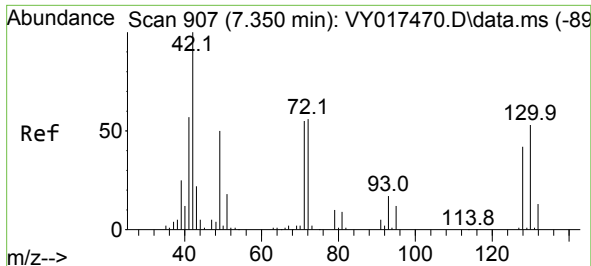
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 93.9 72.7 109.1





#29

Tetrahydrofuran

Concen: 311.883 ug/l

RT: 7.362 min Scan# 907

Delta R.T. 0.012 min

Lab File: VY017540.D

Acq: 29 Feb 2024 20:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

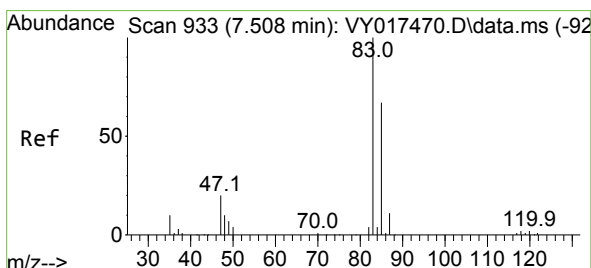
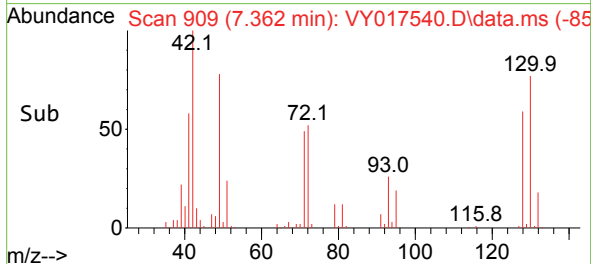
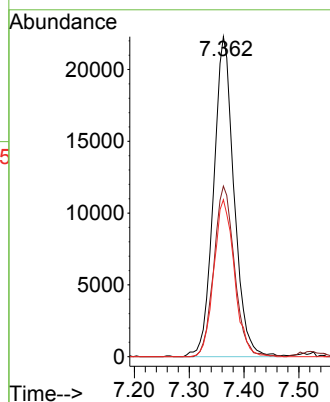
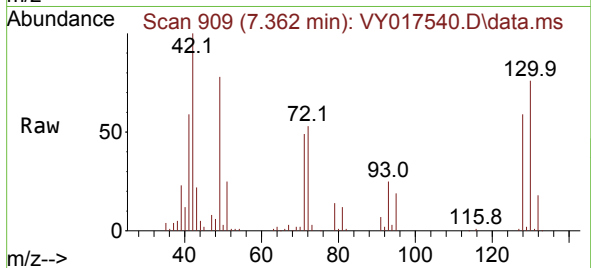
Tgt Ion: 42 Resp: 57612

Ion Ratio Lower Upper

42 100

72 53.9 43.0 64.4

71 49.5 40.8 61.2



#30

Chloroform

Concen: 58.656 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.012 min

Lab File: VY017540.D

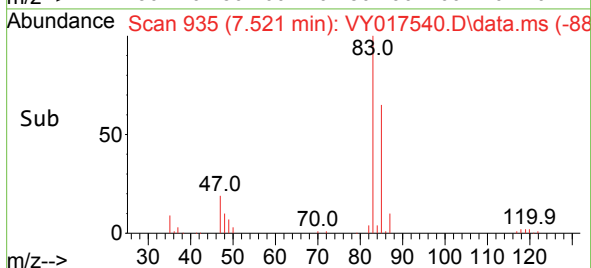
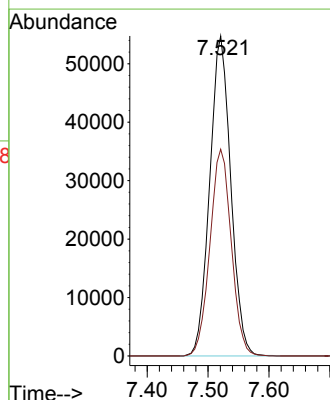
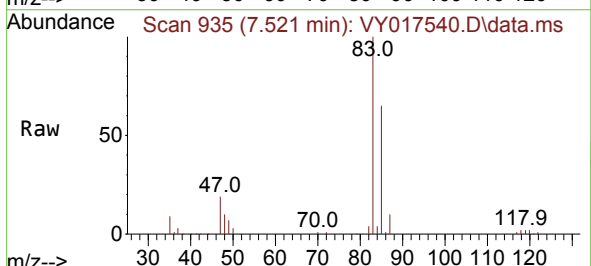
Acq: 29 Feb 2024 20:02

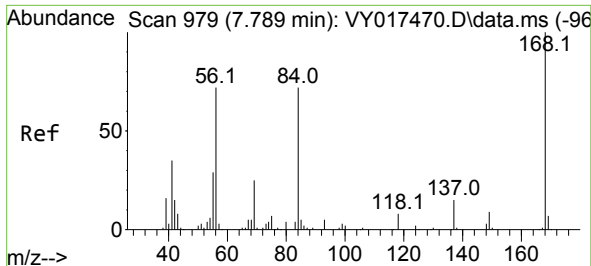
Tgt Ion: 83 Resp: 131452

Ion Ratio Lower Upper

83 100

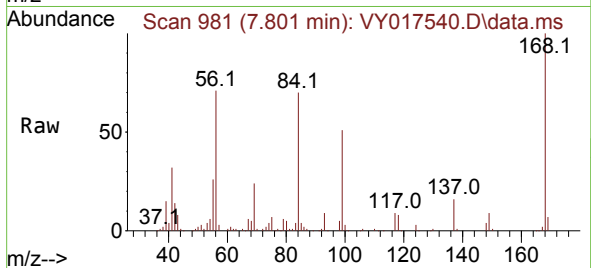
85 64.6 52.2 78.4



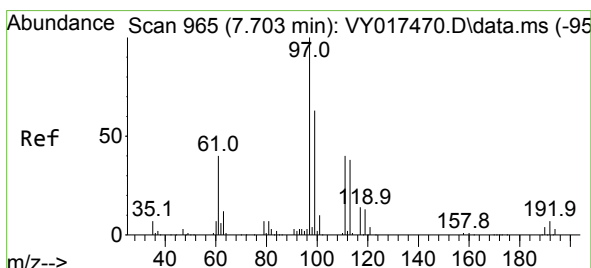
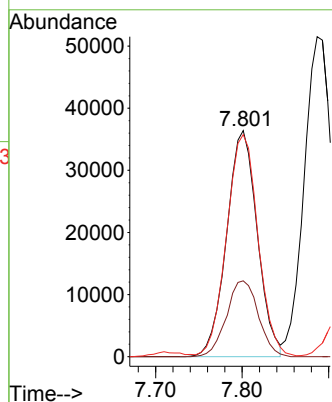
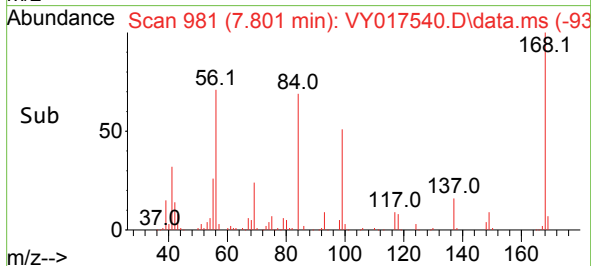


#31
Cyclohexane
Concen: 49.592 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017540.D
Acq: 29 Feb 2024 20:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

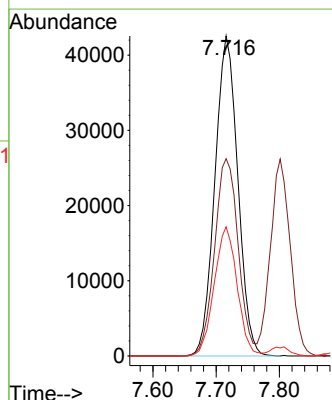
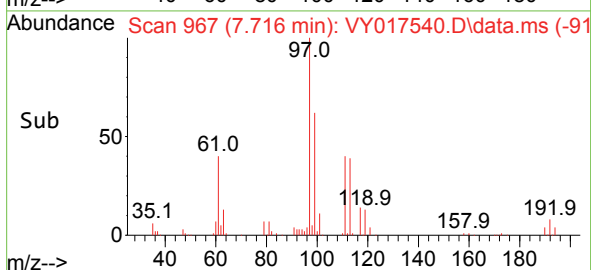
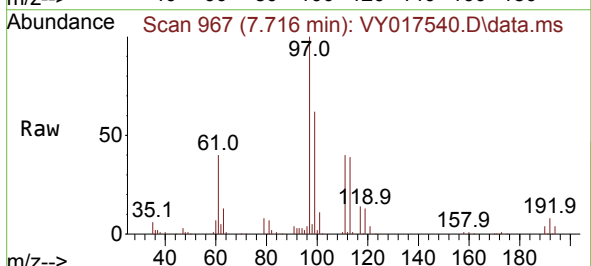


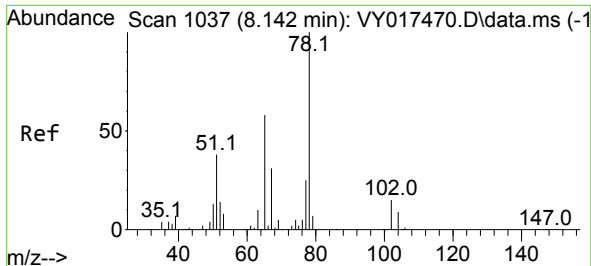
Tgt Ion: 56 Resp: 89471
Ion Ratio Lower Upper
56 100
69 33.5 28.7 43.1
84 96.5 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 55.020 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.012 min
Lab File: VY017540.D
Acq: 29 Feb 2024 20:02

Tgt Ion: 97 Resp: 107049
Ion Ratio Lower Upper
97 100
99 64.0 50.3 75.5
61 40.3 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 51.728 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.012 min

Lab File: VY017540.D

Acq: 29 Feb 2024 20:02

Instrument :

MSVOA_Y

ClientSampleId :

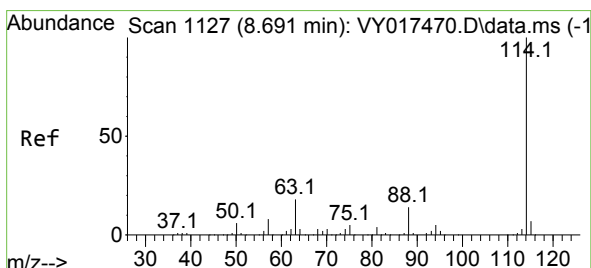
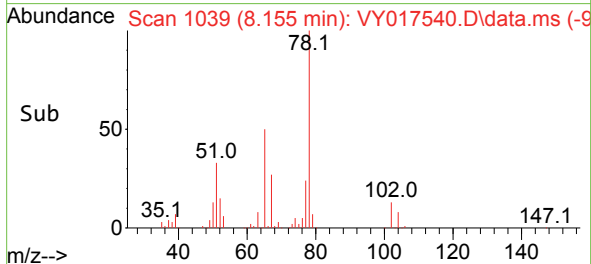
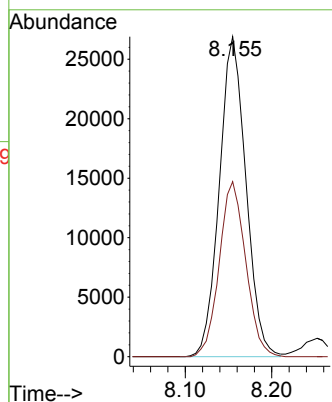
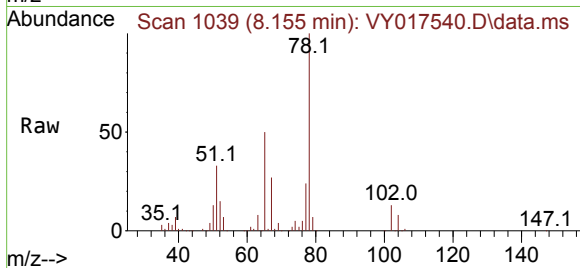
VSTDCCC050EC

Tgt Ion: 65 Resp: 57346

Ion Ratio Lower Upper

65 100

67 54.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.012 min

Lab File: VY017540.D

Acq: 29 Feb 2024 20:02

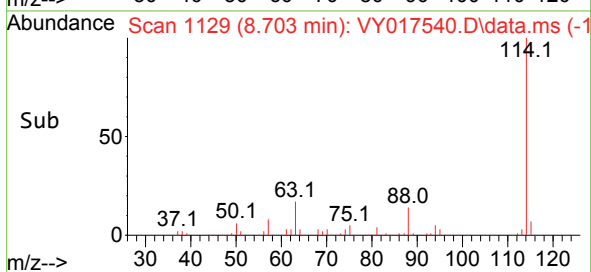
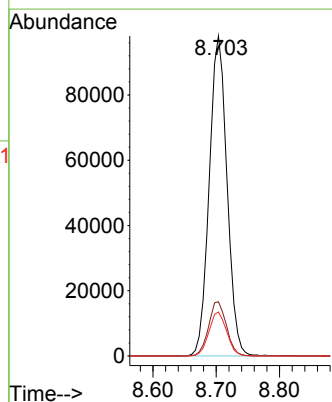
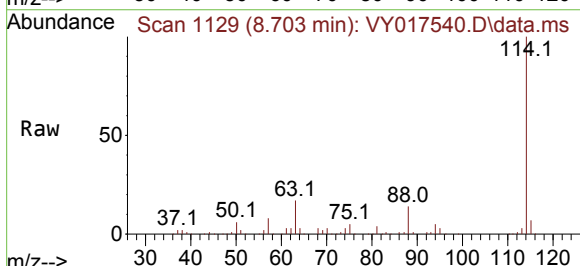
Tgt Ion: 114 Resp: 191458

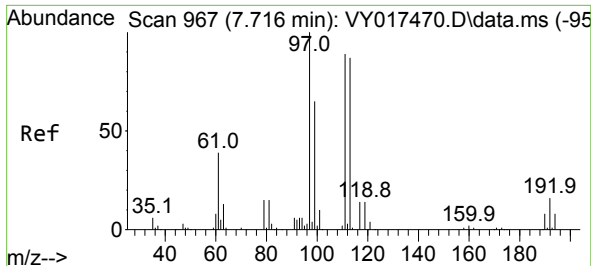
Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.0

88 13.8 0.0 27.2

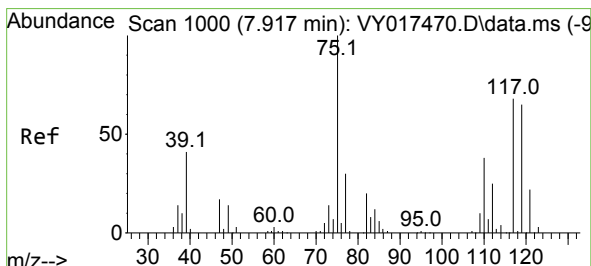
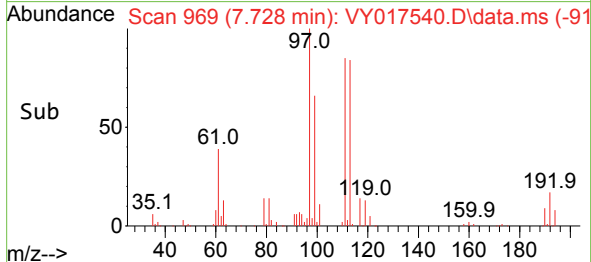
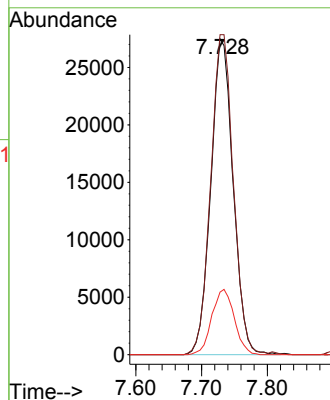
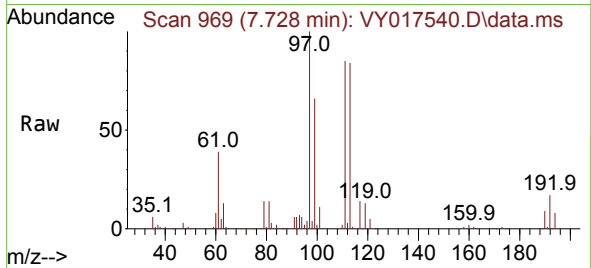




#35
Dibromofluoromethane
Concen: 48.621 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017540.D
Acq: 29 Feb 2024 20:02

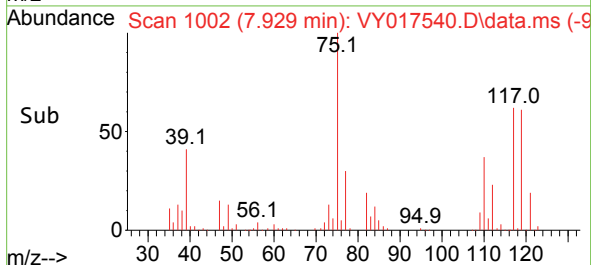
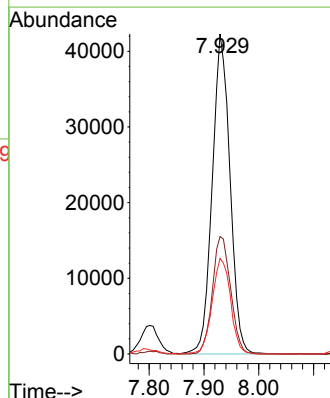
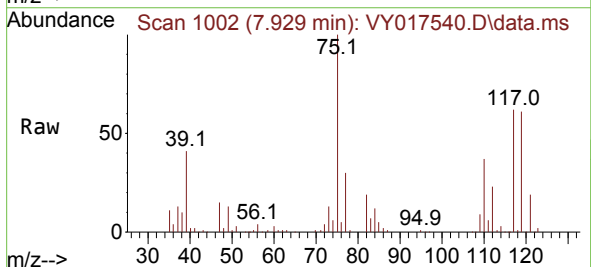
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

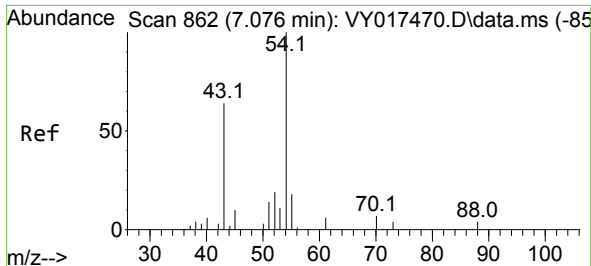
Tgt Ion:113 Resp: 64867
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 20.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 52.734 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.012 min
Lab File: VY017540.D
Acq: 29 Feb 2024 20:02

Tgt Ion: 75 Resp: 94923
Ion Ratio Lower Upper
75 100
110 37.6 19.0 57.0
77 31.0 25.3 37.9





#37

Ethyl Acetate

Concen: 56.838 ug/l

RT: 7.088 min Scan# 80

Delta R.T. 0.012 min

Lab File: VY017540.D

Acq: 29 Feb 2024 20:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

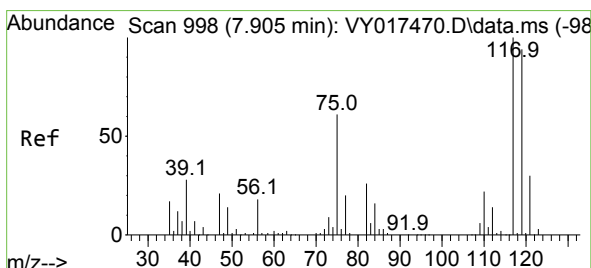
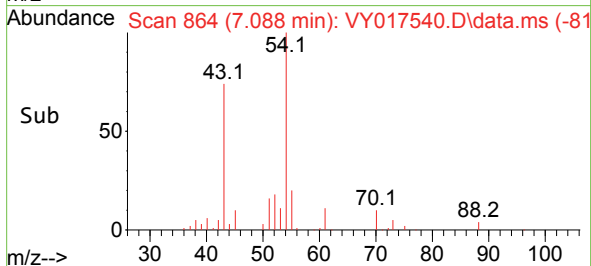
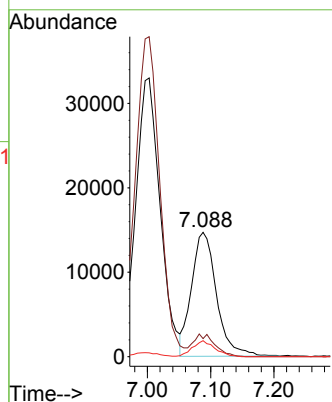
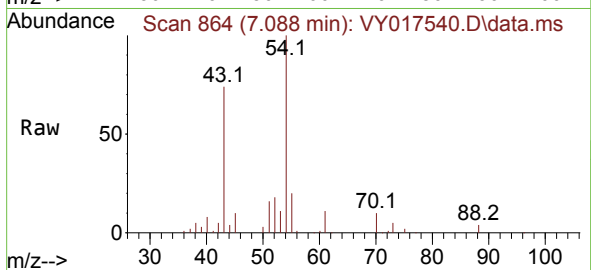
Tgt Ion: 43 Resp: 40409

Ion Ratio Lower Upper

43 100

61 16.5 12.6 19.0

70 11.6 7.8 11.8



#38

Carbon Tetrachloride

Concen: 52.286 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. 0.012 min

Lab File: VY017540.D

Acq: 29 Feb 2024 20:02

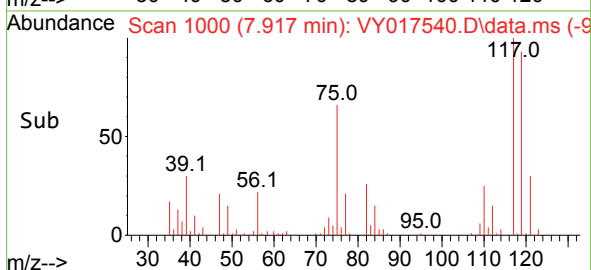
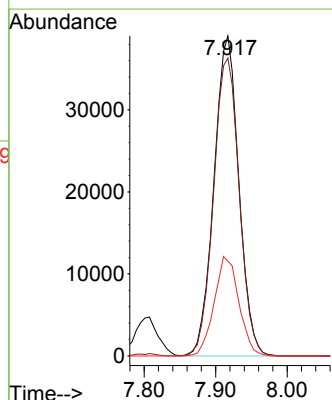
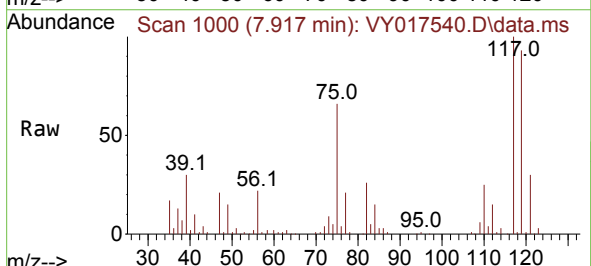
Tgt Ion: 117 Resp: 94327

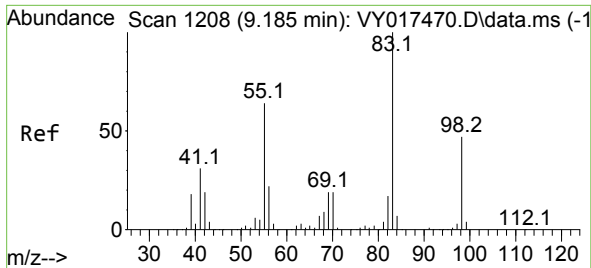
Ion Ratio Lower Upper

117 100

119 93.0 75.8 113.6

121 29.6 24.0 36.0

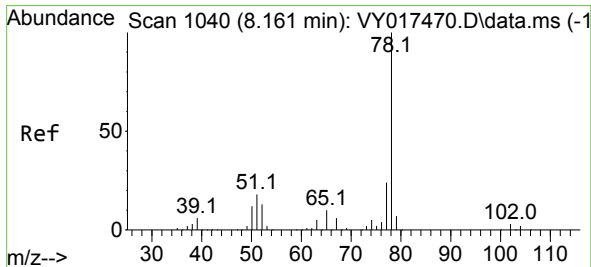
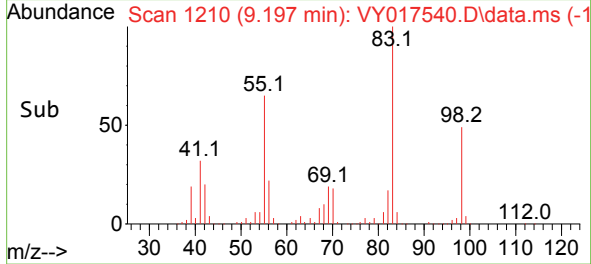
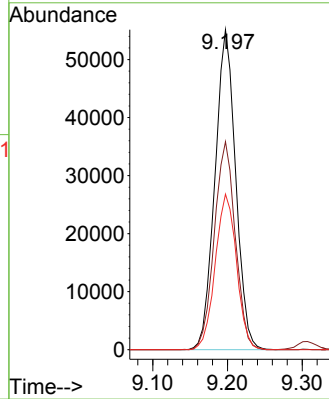
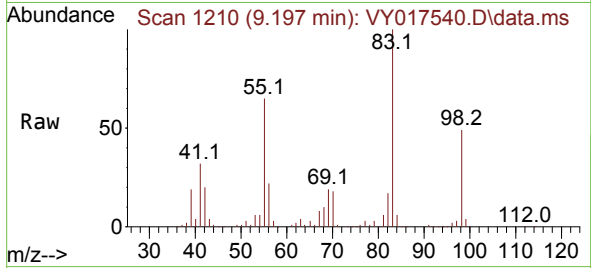




#39
Methylcyclohexane
Concen: 49.260 ug/l
RT: 9.197 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017540.D
Acq: 29 Feb 2024 20:02

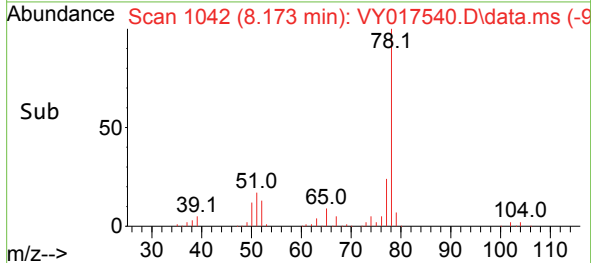
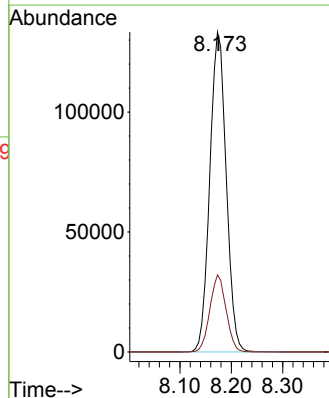
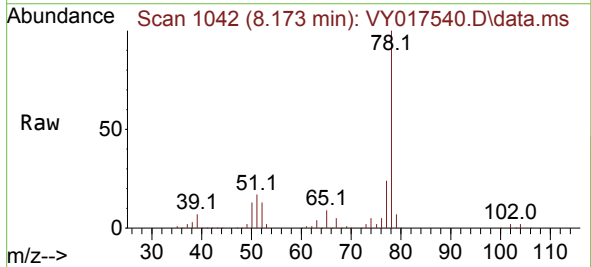
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

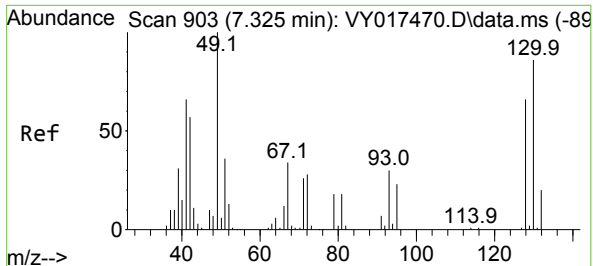
Tgt Ion: 83 Resp: 106563
Ion Ratio Lower Upper
83 100
55 65.0 51.5 77.3
98 48.6 40.5 60.7



#40
Benzene
Concen: 55.224 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.012 min
Lab File: VY017540.D
Acq: 29 Feb 2024 20:02

Tgt Ion: 78 Resp: 295210
Ion Ratio Lower Upper
78 100
77 24.1 19.5 29.3

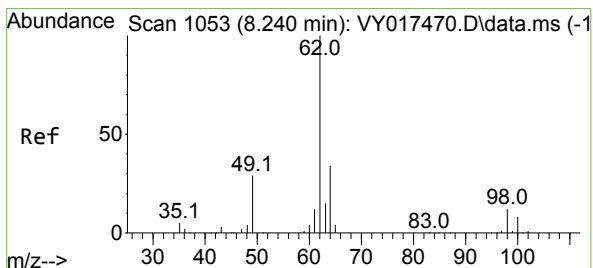
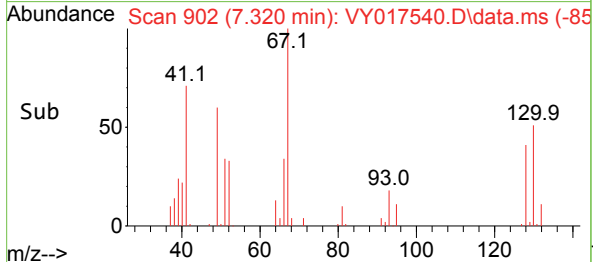
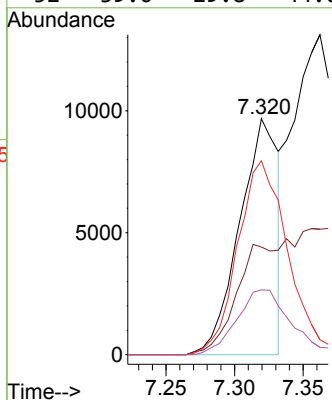
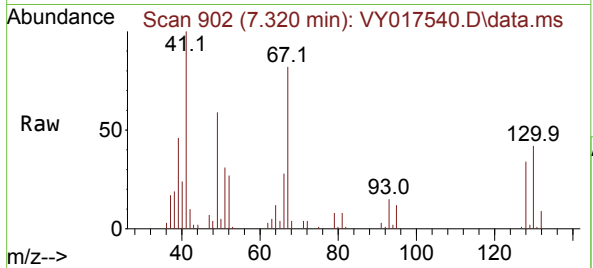




#41
Methacrylonitrile
Concen: 52.954 ug/l
RT: 7.320 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY017540.D
Acq: 29 Feb 2024 20:02

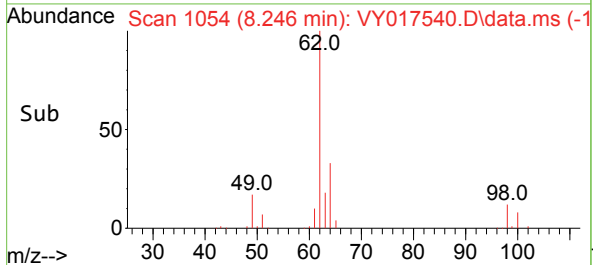
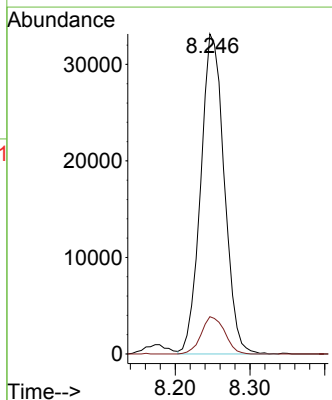
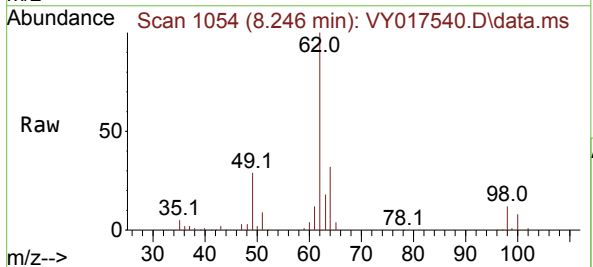
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

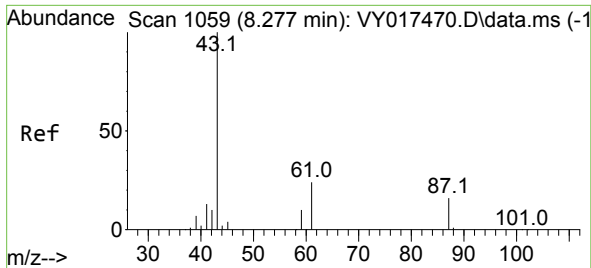
Tgt Ion: 41 Resp: 18892
Ion Ratio Lower Upper
41 100
39 42.8 48.0 72.0#
67 107.3 75.1 112.7
52 39.0 29.8 44.6



#42
1,2-Dichloroethane
Concen: 55.518 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VY017540.D
Acq: 29 Feb 2024 20:02

Tgt Ion: 62 Resp: 72410
Ion Ratio Lower Upper
62 100
98 11.6 0.0 22.0

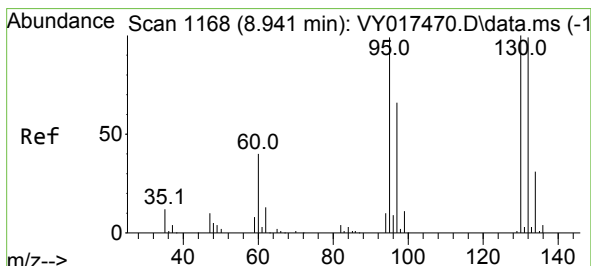
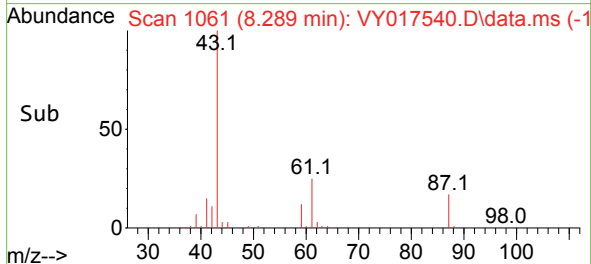
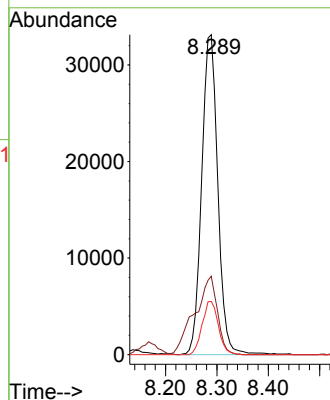
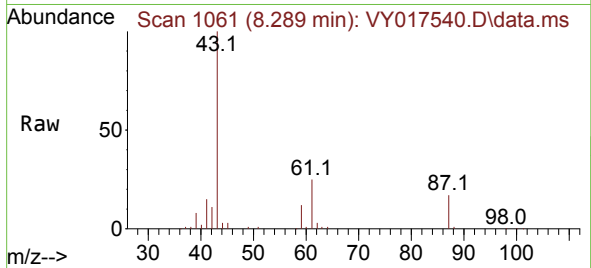




#43
Isopropyl Acetate
Concen: 57.700 ug/l
RT: 8.289 min Scan# 1170
Delta R.T. 0.012 min
Lab File: VY017540.D
Acq: 29 Feb 2024 20:02

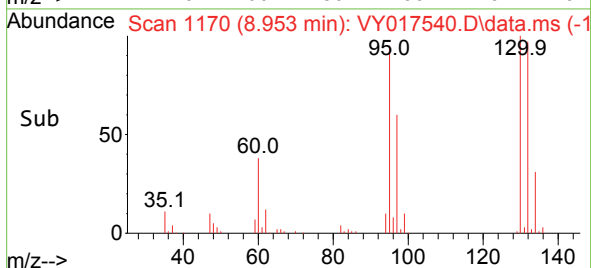
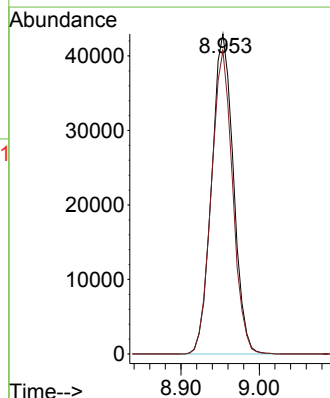
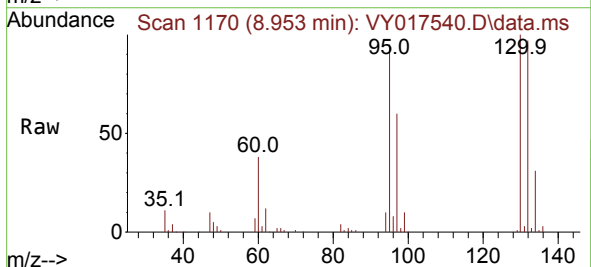
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

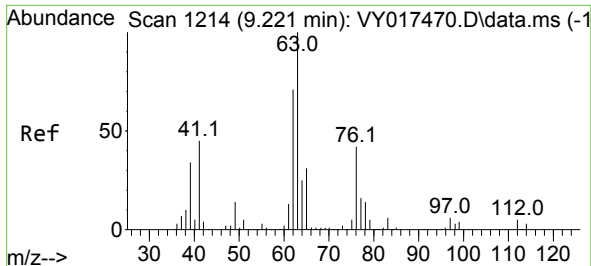
Tgt Ion: 43 Resp: 72086
Ion Ratio Lower Upper
43 100
61 34.6 27.9 41.9
87 16.8 13.1 19.7



#44
Trichloroethene
Concen: 53.648 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.012 min
Lab File: VY017540.D
Acq: 29 Feb 2024 20:02

Tgt Ion:130 Resp: 82659
Ion Ratio Lower Upper
130 100
95 94.8 0.0 188.0

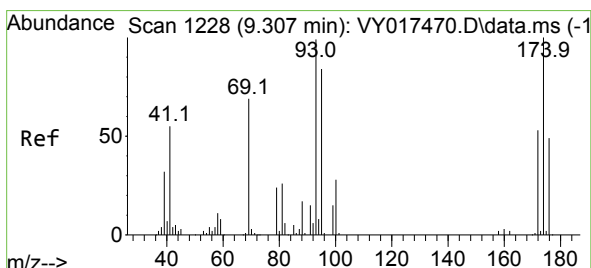
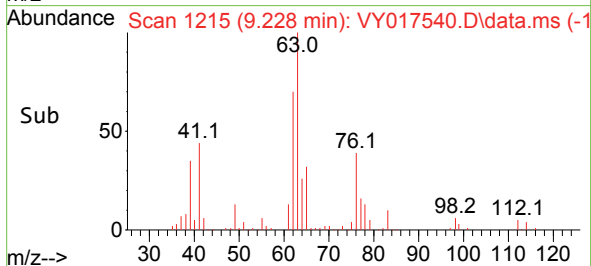
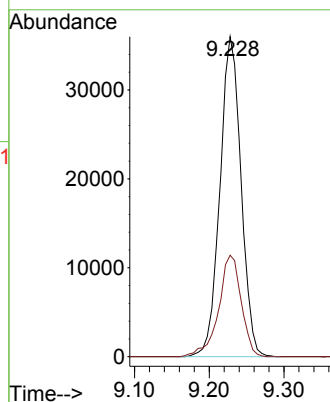
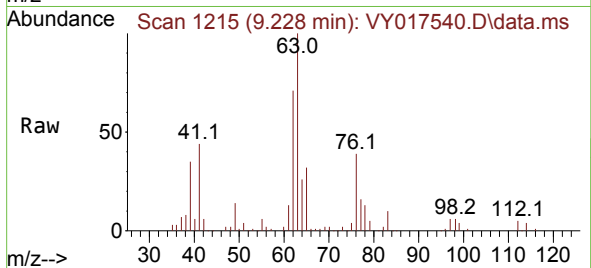




#45
1,2-Dichloropropane
Concen: 55.557 ug/l
RT: 9.228 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017540.D
Acq: 29 Feb 2024 20:02

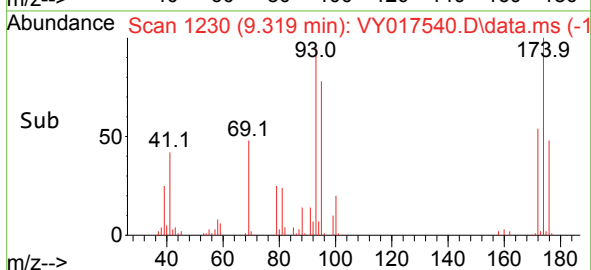
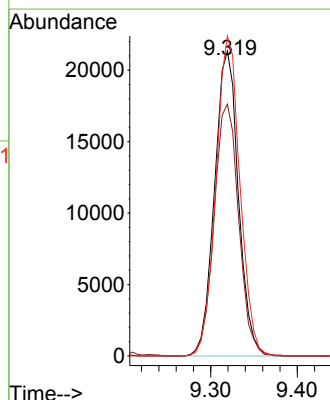
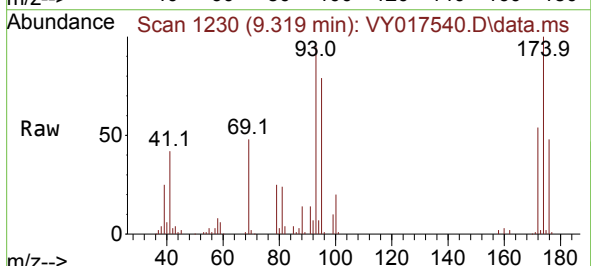
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

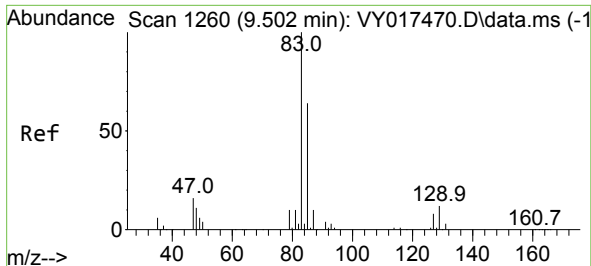
Tgt Ion: 63 Resp: 70658
Ion Ratio Lower Upper
63 100
65 31.7 25.4 38.2



#46
Dibromomethane
Concen: 56.033 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.012 min
Lab File: VY017540.D
Acq: 29 Feb 2024 20:02

Tgt Ion: 93 Resp: 40784
Ion Ratio Lower Upper
93 100
95 84.9 66.2 99.4
174 105.8 80.9 121.3

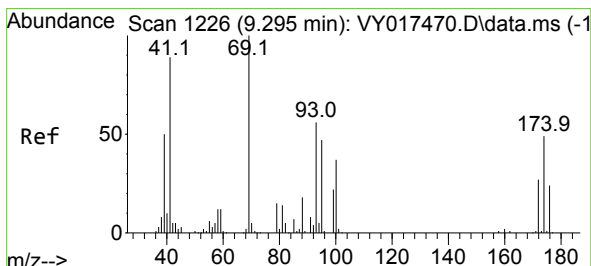
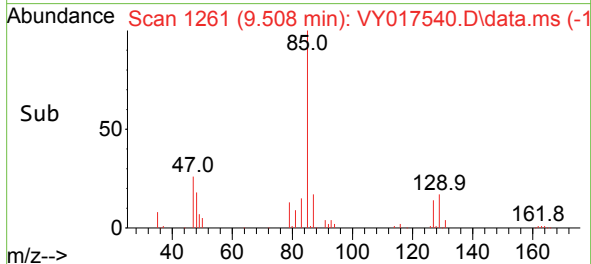
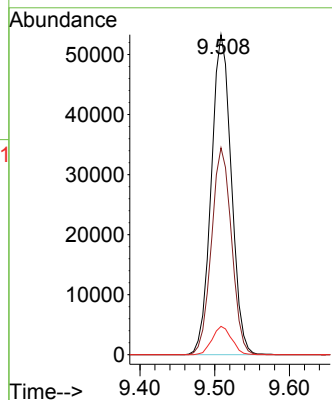
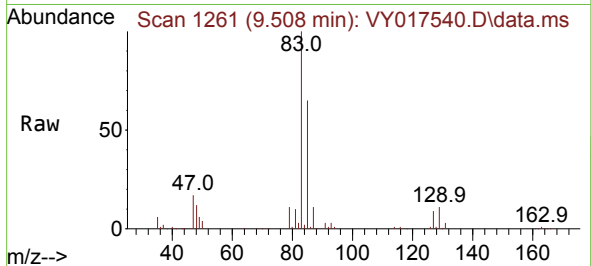




#47
Bromodichloromethane
Concen: 56.314 ug/l
RT: 9.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017540.D
Acq: 29 Feb 2024 20:02

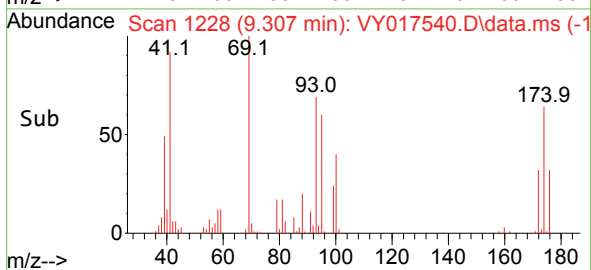
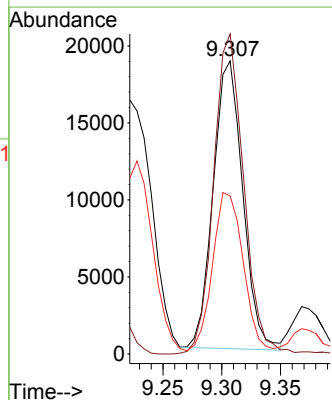
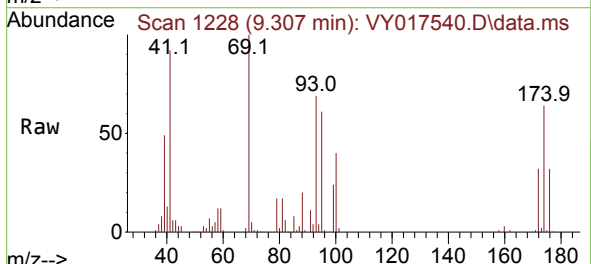
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

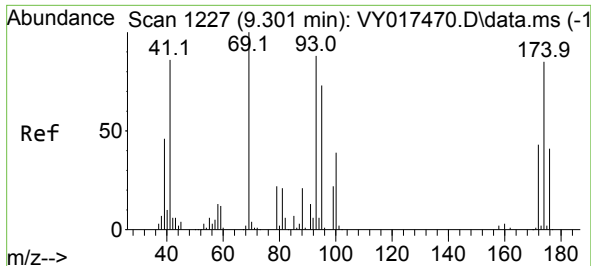
Tgt Ion: 83 Resp: 99523
Ion Ratio Lower Upper
83 100
85 64.7 50.1 75.1
127 8.9 7.4 11.0



#48
Methyl methacrylate
Concen: 56.605 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.012 min
Lab File: VY017540.D
Acq: 29 Feb 2024 20:02

Tgt Ion: 41 Resp: 32734
Ion Ratio Lower Upper
41 100
69 113.2 84.1 126.1
39 56.8 43.6 65.4





#49

1,4-Dioxane

Concen: 1116.505 ug/l

RT: 9.307 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017540.D

Acq: 29 Feb 2024 20:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

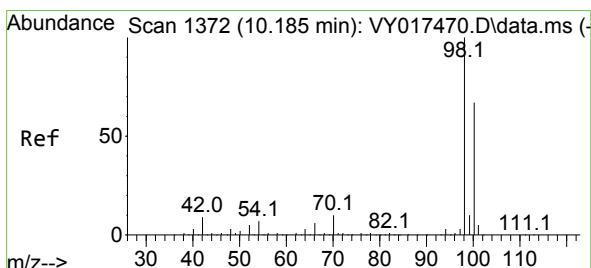
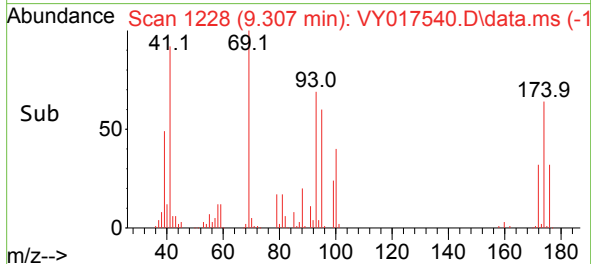
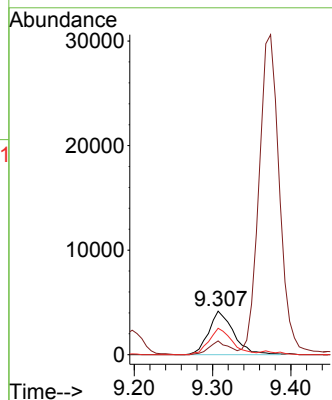
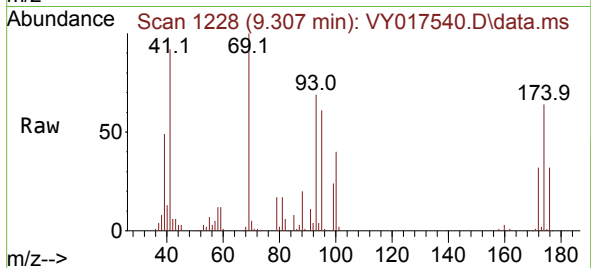
Tgt Ion: 88 Resp: 9197

Ion Ratio Lower Upper

88 100

43 25.0 0.0 0.0#

58 56.6 49.3 73.9



#50

Toluene-d8

Concen: 51.644 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY017540.D

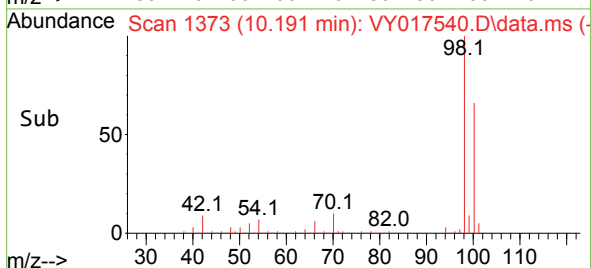
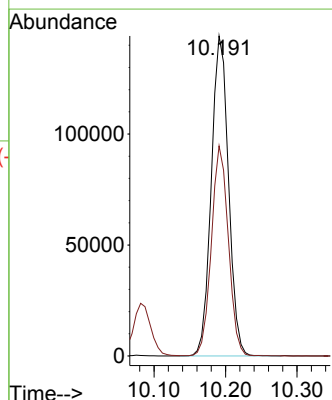
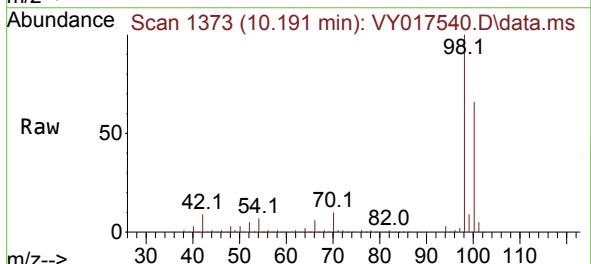
Acq: 29 Feb 2024 20:02

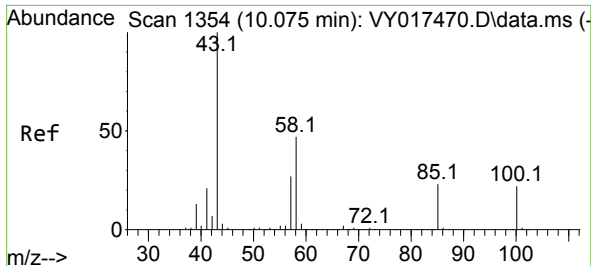
Tgt Ion: 98 Resp: 240899

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 296.427 ug/l

RT: 10.081 min Scan# 1355

Delta R.T. 0.006 min

Lab File: VY017540.D

Acq: 29 Feb 2024 20:02

Instrument :

MSVOA_Y

ClientSampleId :

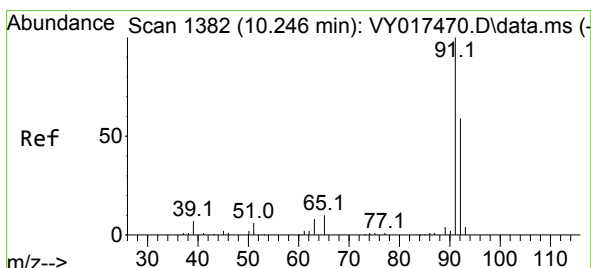
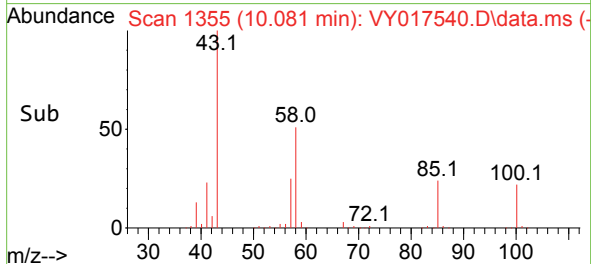
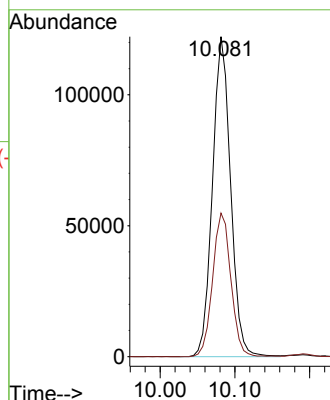
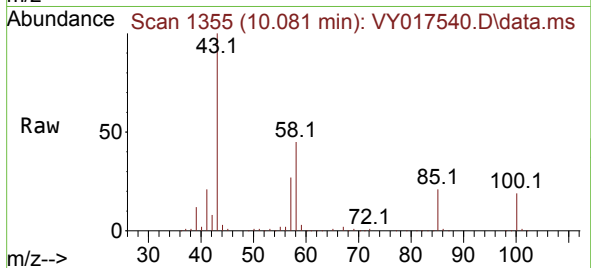
VSTDCCC050EC

Tgt Ion: 43 Resp: 206398

Ion Ratio Lower Upper

43 100

58 45.3 35.7 53.5



#52

Toluene

Concen: 55.000 ug/l

RT: 10.258 min Scan# 1384

Delta R.T. 0.012 min

Lab File: VY017540.D

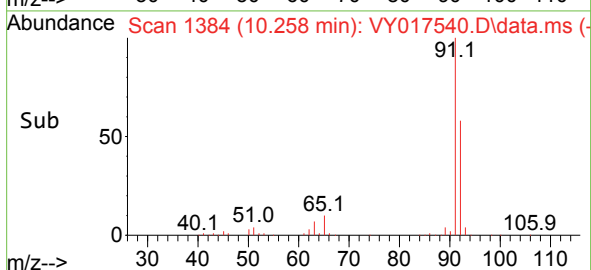
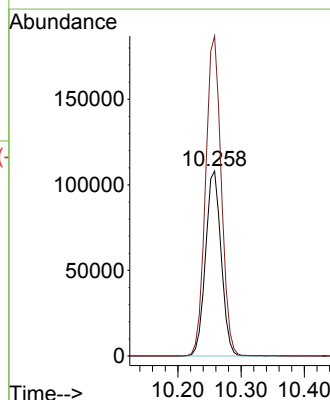
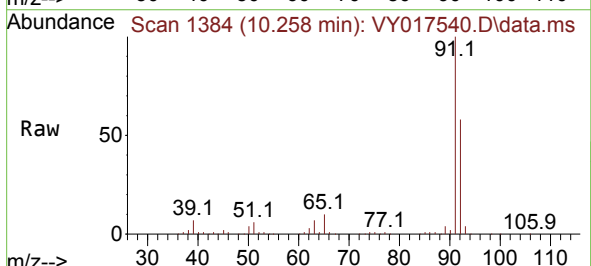
Acq: 29 Feb 2024 20:02

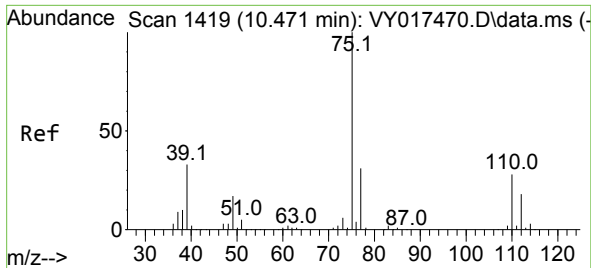
Tgt Ion: 92 Resp: 185348

Ion Ratio Lower Upper

92 100

91 173.5 139.0 208.6

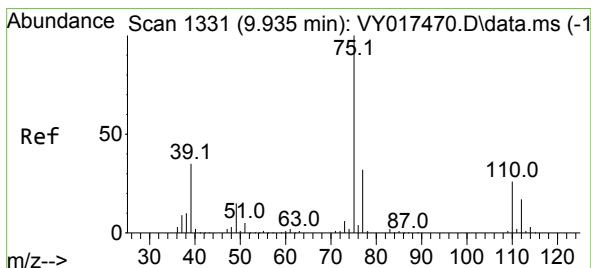
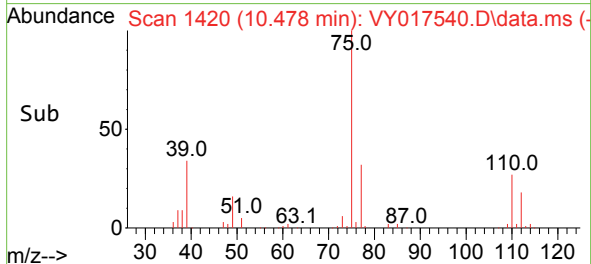
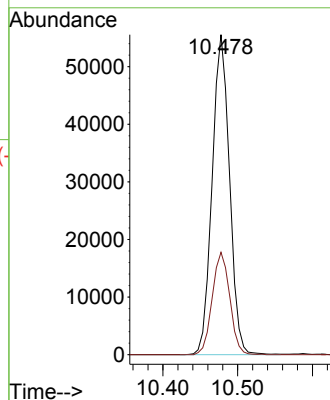
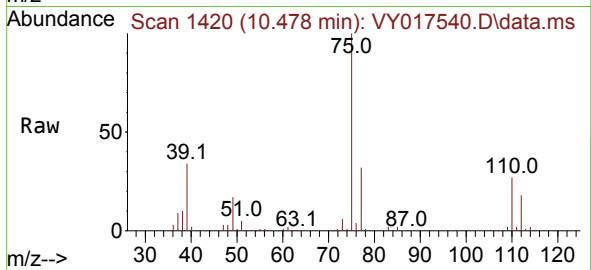




#53
 t-1,3-Dichloropropene
 Concen: 54.696 ug/l
 RT: 10.478 min Scan# 1419
 Delta R.T. 0.006 min
 Lab File: VY017540.D
 Acq: 29 Feb 2024 20:02

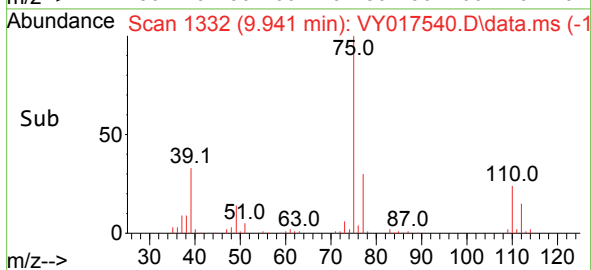
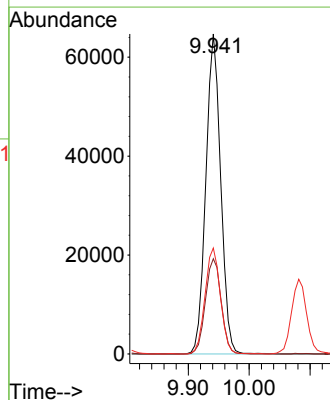
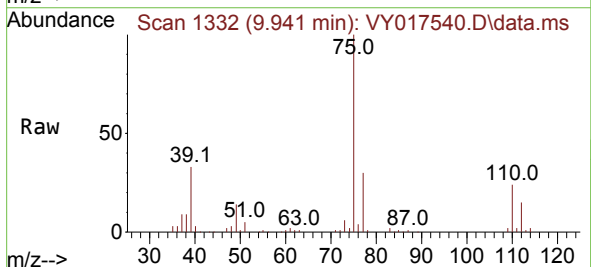
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

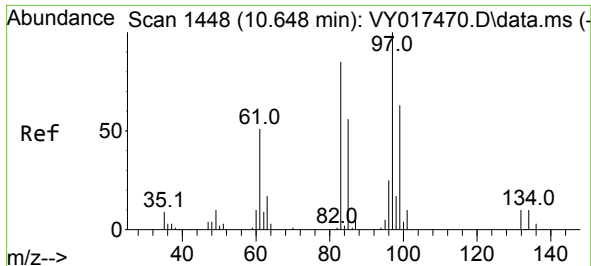
Tgt Ion: 75 Resp: 89721
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 54.951 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. 0.006 min
 Lab File: VY017540.D
 Acq: 29 Feb 2024 20:02

Tgt Ion: 75 Resp: 109527
 Ion Ratio Lower Upper
 75 100
 77 29.8 25.4 38.0
 39 33.1 29.8 44.6

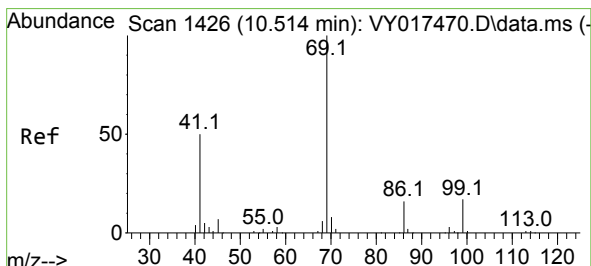
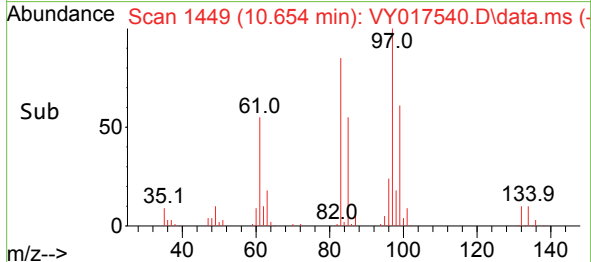
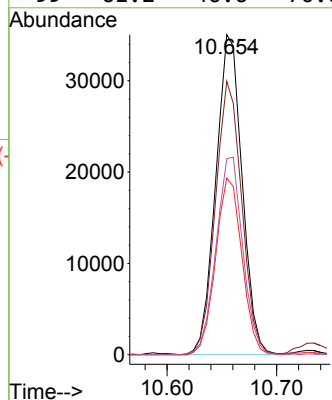
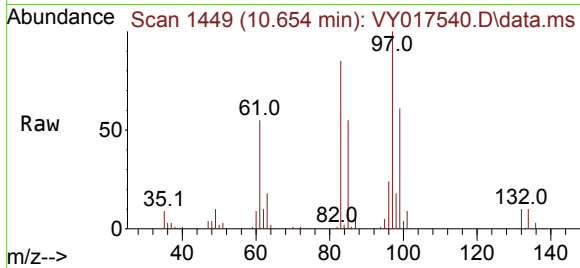




#55
1,1,2-Trichloroethane
Concen: 56.688 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.006 min
Lab File: VY017540.D
Acq: 29 Feb 2024 20:02

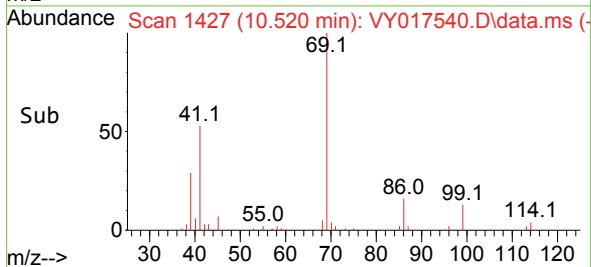
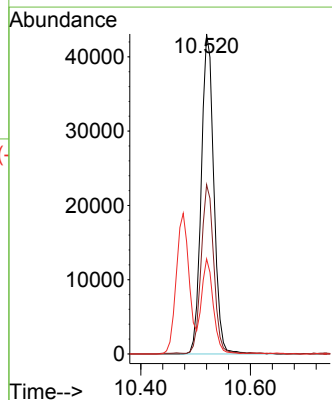
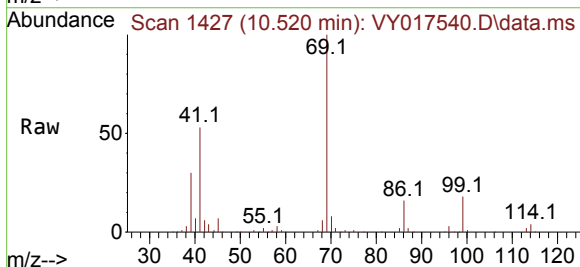
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

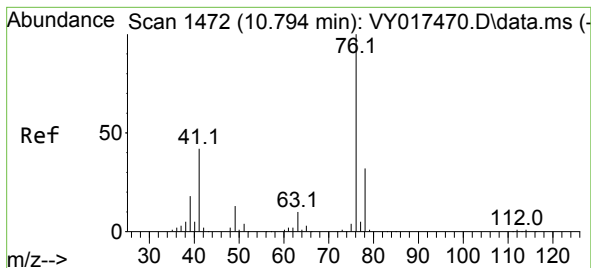
Tgt Ion: 97	Resp: 58583
Ion Ratio	Lower Upper
97 100	
83 85.4	67.5 101.3
85 55.2	42.9 64.3
99 61.2	46.6 70.0



#56
Ethyl methacrylate
Concen: 53.838 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.006 min
Lab File: VY017540.D
Acq: 29 Feb 2024 20:02

Tgt Ion: 69	Resp: 68707		
Ion Ratio	Lower	Upper	
69 100			
41 52.6	42.3	63.5	
39 27.1	22.9	34.3	





#57

1,3-Dichloropropane

Concen: 56.669 ug/l

RT: 10.801 min Scan# 1473

Delta R.T. 0.006 min

Lab File: VY017540.D

Acq: 29 Feb 2024 20:02

Instrument :

MSVOA_Y

ClientSampleId :

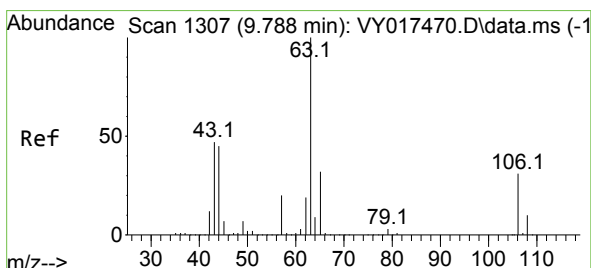
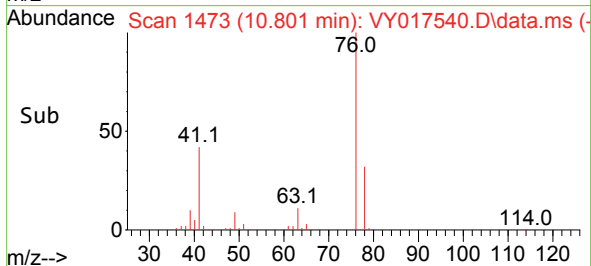
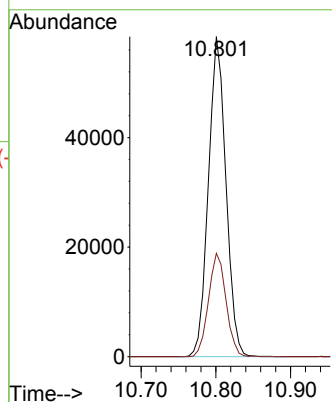
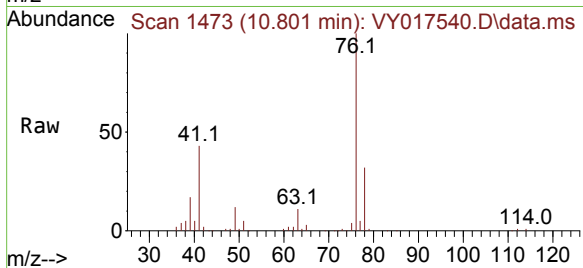
VSTDCCC050EC

Tgt Ion: 76 Resp: 95215

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 309.546 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. 0.006 min

Lab File: VY017540.D

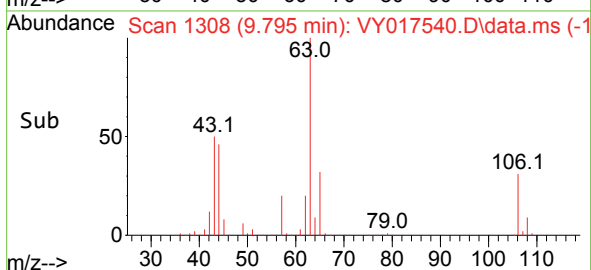
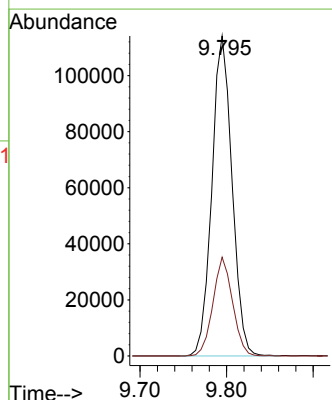
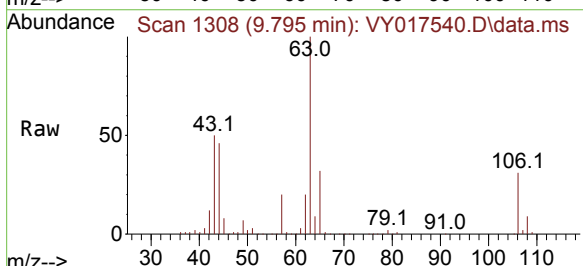
Acq: 29 Feb 2024 20:02

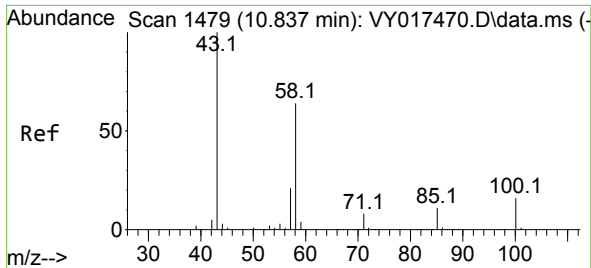
Tgt Ion: 63 Resp: 184594

Ion Ratio Lower Upper

63 100

106 30.0 23.7 35.5

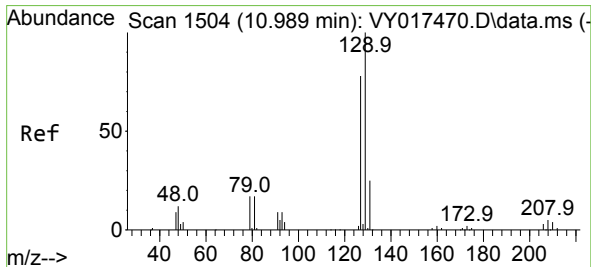
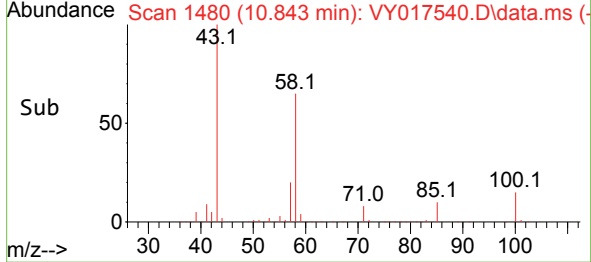
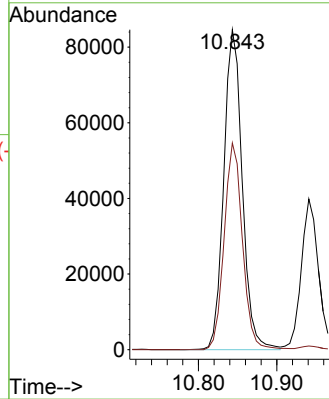
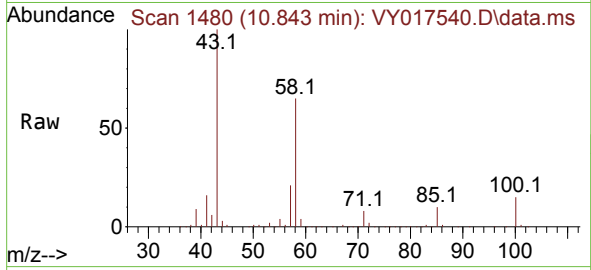




#59
2-Hexanone
Concen: 290.519 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY017540.D
Acq: 29 Feb 2024 20:02

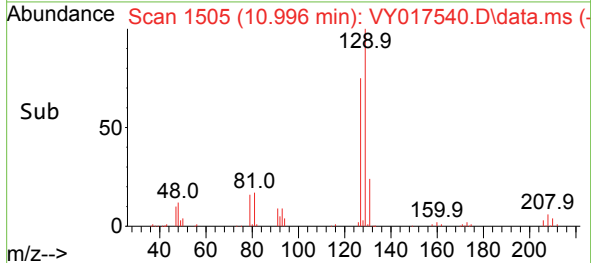
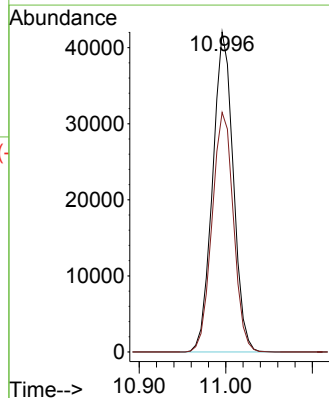
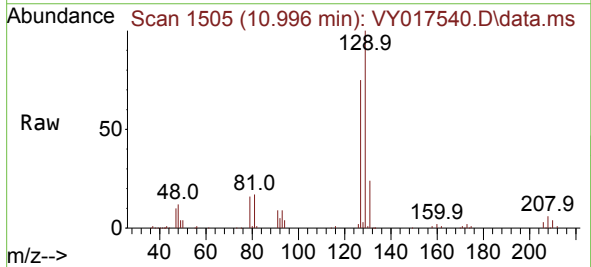
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

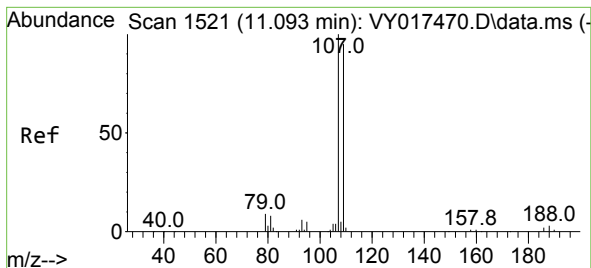
Tgt Ion: 43 Resp: 138945
Ion Ratio Lower Upper
43 100
58 64.0 31.4 94.0



#60
Dibromochloromethane
Concen: 56.992 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.006 min
Lab File: VY017540.D
Acq: 29 Feb 2024 20:02

Tgt Ion: 129 Resp: 69676
Ion Ratio Lower Upper
129 100
127 77.4 39.0 117.0





#61

1,2-Dibromoethane

Concen: 56.783 ug/l

RT: 11.099 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017540.D

Acq: 29 Feb 2024 20:02

Instrument :

MSVOA_Y

ClientSampleId :

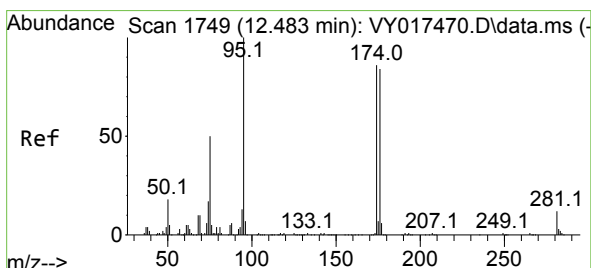
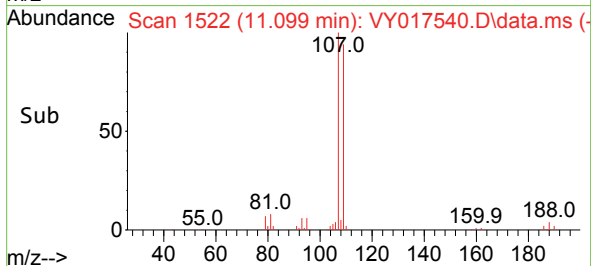
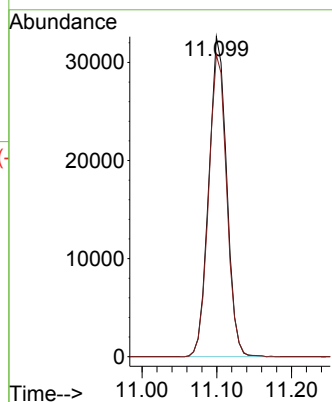
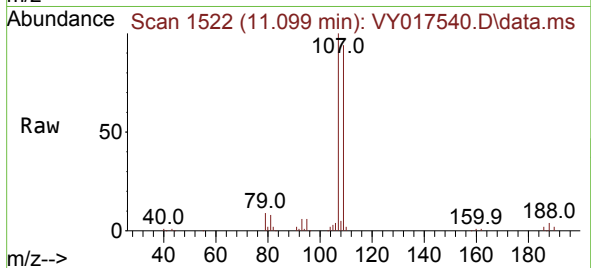
VSTDCCC050EC

Tgt Ion:107 Resp: 54077

Ion Ratio Lower Upper

107 100

109 95.6 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 50.306 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.012 min

Lab File: VY017540.D

Acq: 29 Feb 2024 20:02

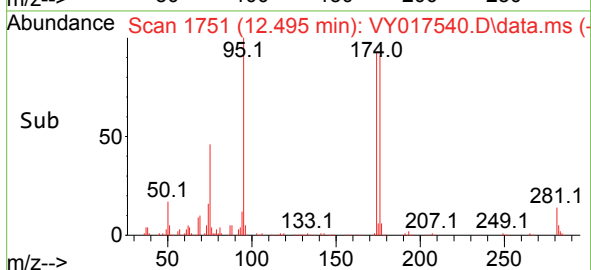
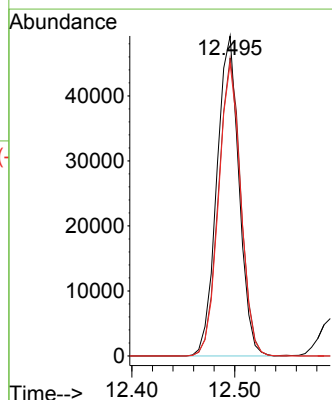
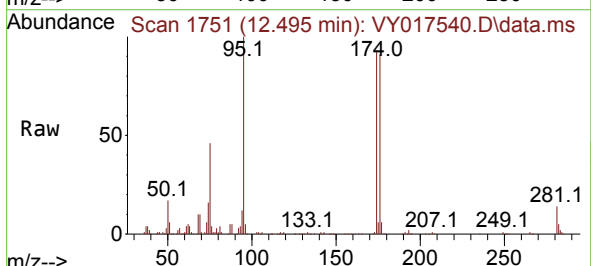
Tgt Ion: 95 Resp: 73747

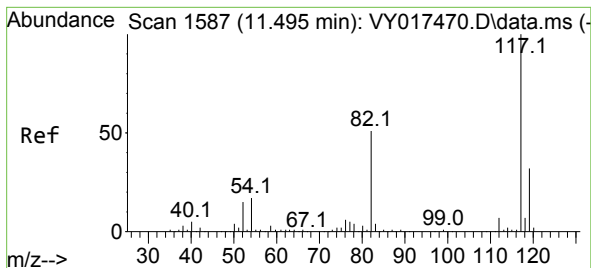
Ion Ratio Lower Upper

95 100

174 93.2 0.0 175.6

176 90.8 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: VY017540.D

Acq: 29 Feb 2024 20:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

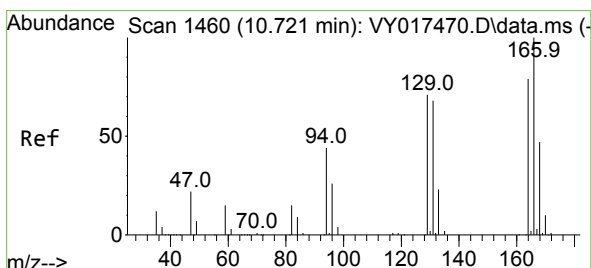
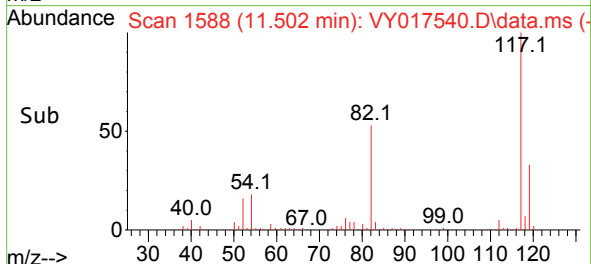
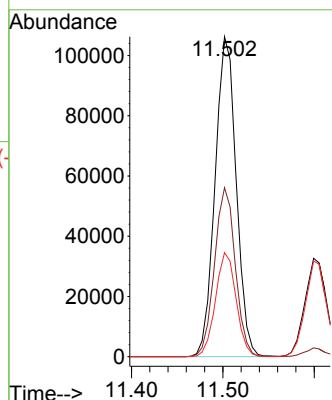
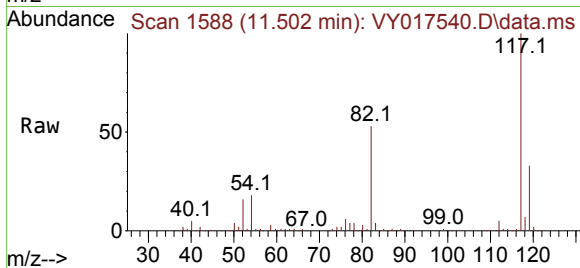
Tgt Ion:117 Resp: 170830

Ion Ratio Lower Upper

117 100

82 52.8 42.4 63.6

119 32.5 25.9 38.9



#64

Tetrachloroethene

Concen: 51.920 ug/l

RT: 10.734 min Scan# 1462

Delta R.T. 0.012 min

Lab File: VY017540.D

Acq: 29 Feb 2024 20:02

Tgt Ion:164 Resp: 85132

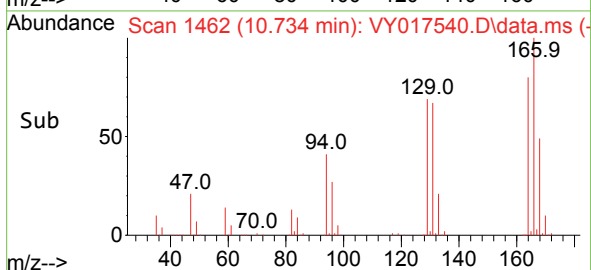
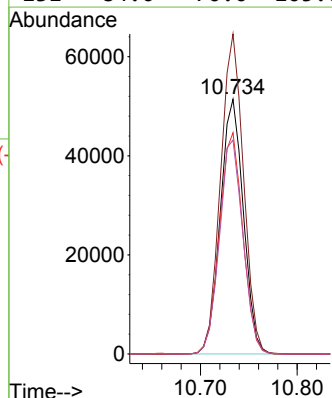
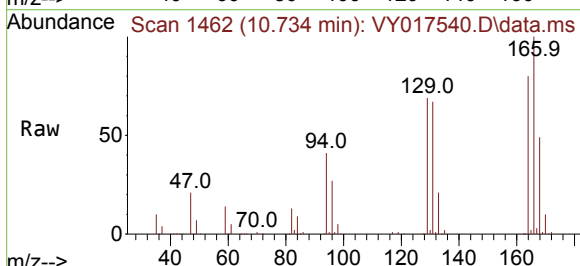
Ion Ratio Lower Upper

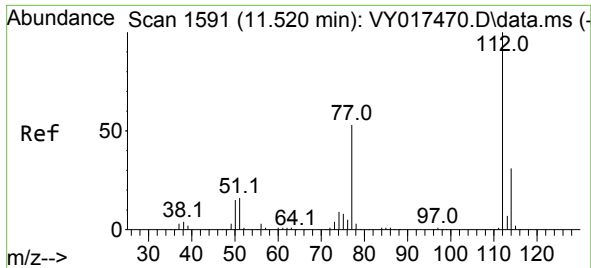
164 100

166 125.6 102.6 154.0

129 86.8 72.0 108.0

131 84.0 70.0 105.0

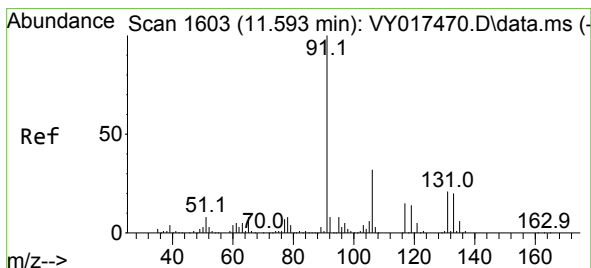
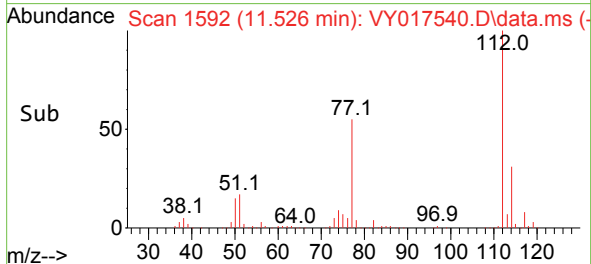
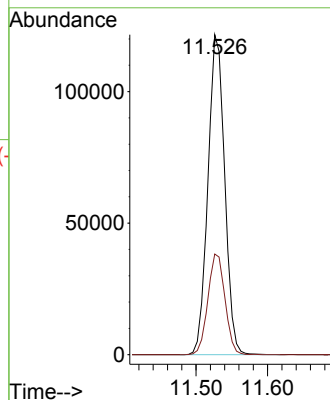
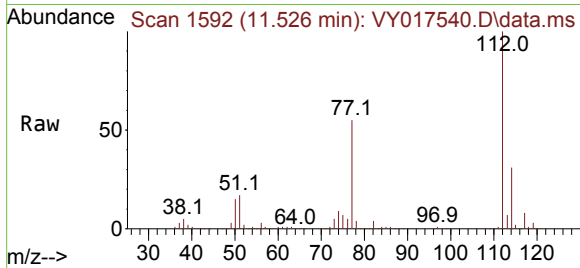




#65
Chlorobenzene
Concen: 54.563 ug/l
RT: 11.526 min Scan# 111
Delta R.T. 0.006 min
Lab File: VY017540.D
Acq: 29 Feb 2024 20:02

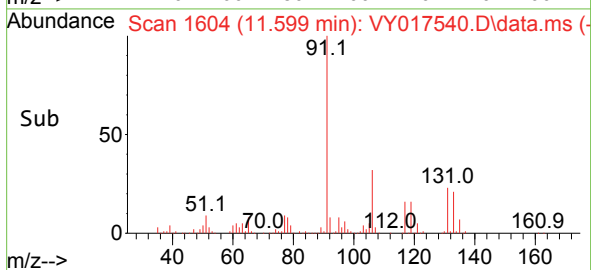
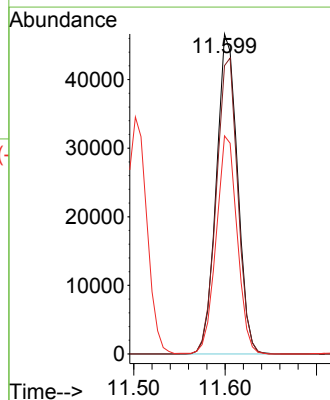
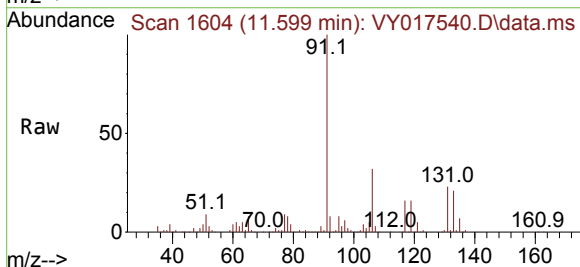
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

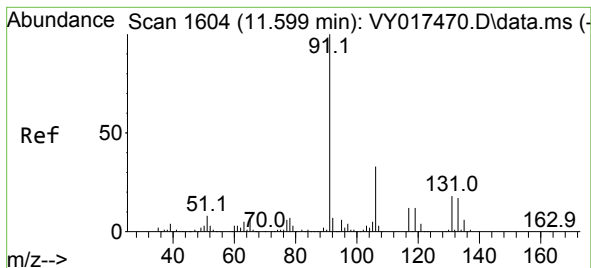
Tgt Ion:112 Resp: 197845
Ion Ratio Lower Upper
112 100
114 31.5 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 55.294 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY017540.D
Acq: 29 Feb 2024 20:02

Tgt Ion:131 Resp: 75112
Ion Ratio Lower Upper
131 100
133 94.1 47.8 143.3
119 67.7 34.1 102.2





#67

Ethyl Benzene

Concen: 54.884 ug/l

RT: 11.605 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017540.D

Acq: 29 Feb 2024 20:02

Instrument :

MSVOA_Y

ClientSampleId :

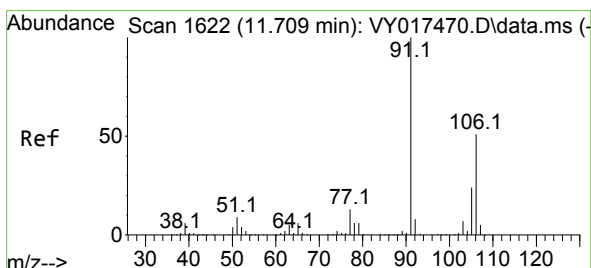
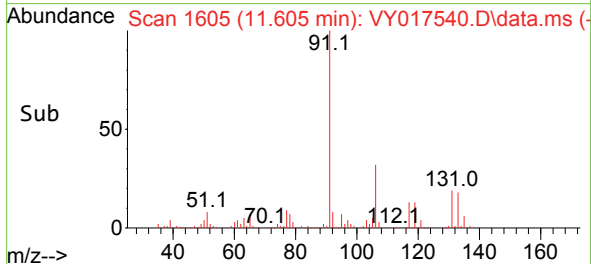
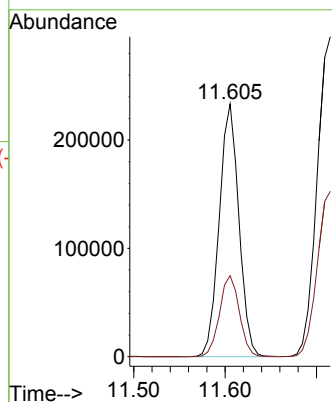
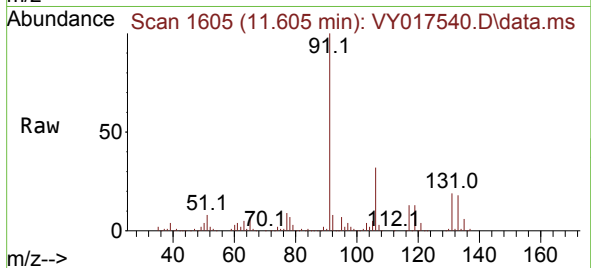
VSTDCCC050EC

Tgt Ion: 91 Resp: 349012

Ion Ratio Lower Upper

91 100

106 32.1 24.5 36.7



#68

m/p-Xylenes

Concen: 110.125 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY017540.D

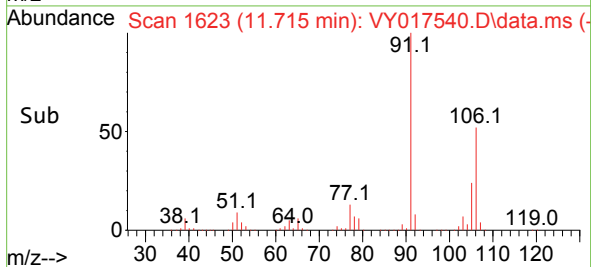
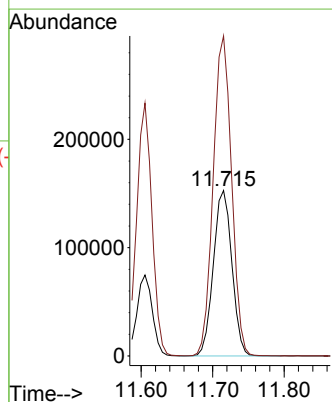
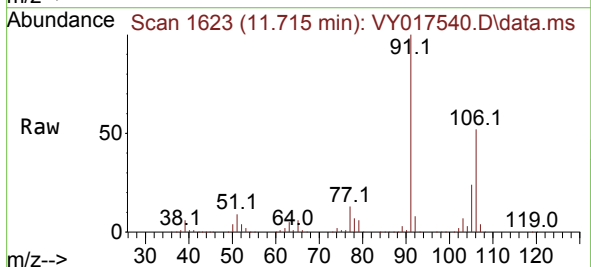
Acq: 29 Feb 2024 20:02

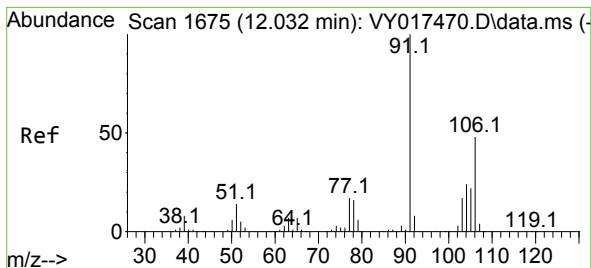
Tgt Ion:106 Resp: 275174

Ion Ratio Lower Upper

106 100

91 191.9 156.0 234.0

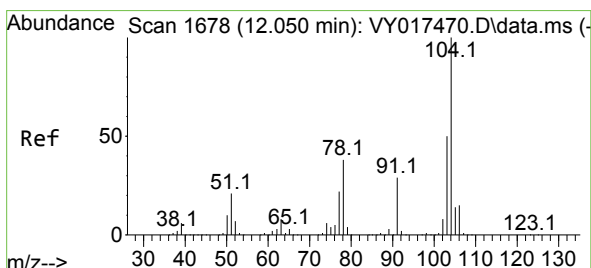
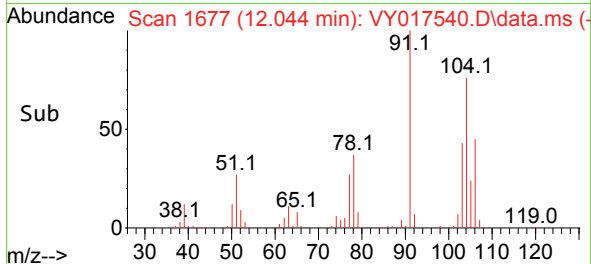
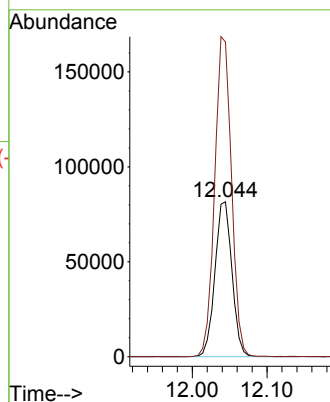
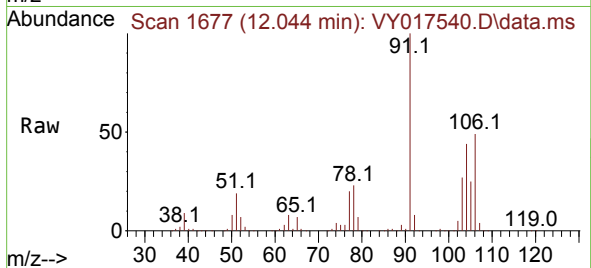




#69
o-Xylene
Concen: 55.724 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.012 min
Lab File: VY017540.D
Acq: 29 Feb 2024 20:02

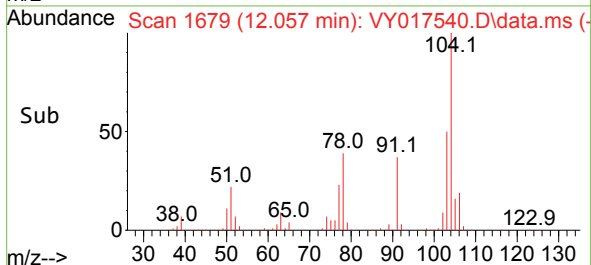
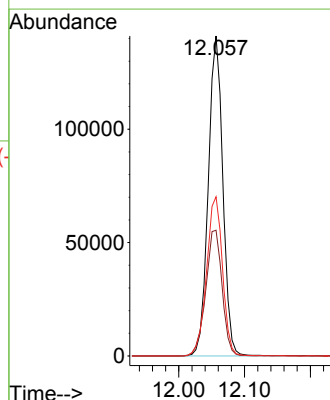
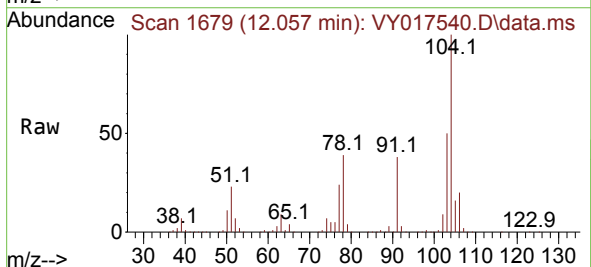
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

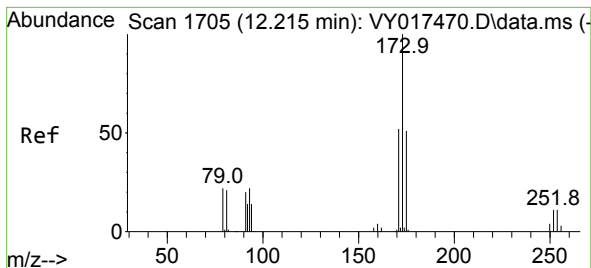
Tgt Ion:106 Resp: 129177
Ion Ratio Lower Upper
106 100
91 204.5 103.6 310.8



#70
Styrene
Concen: 56.594 ug/l
RT: 12.057 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY017540.D
Acq: 29 Feb 2024 20:02

Tgt Ion:104 Resp: 217772
Ion Ratio Lower Upper
104 100
78 44.1 37.0 55.4
103 54.5 44.2 66.2





#71

Bromoform

Concen: 57.400 ug/l

RT: 12.221 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017540.D

Acq: 29 Feb 2024 20:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

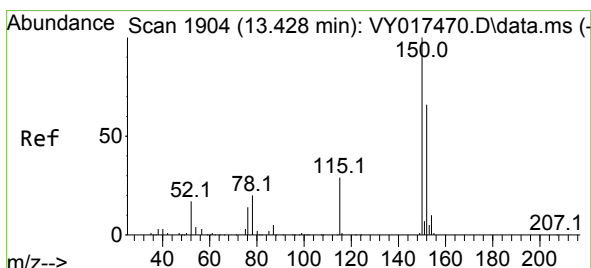
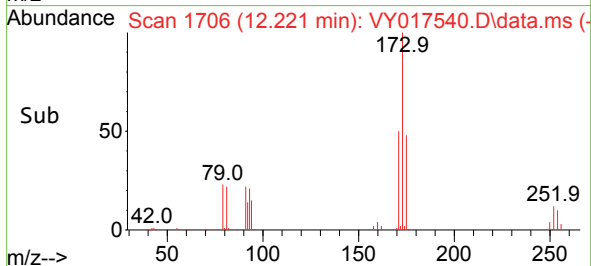
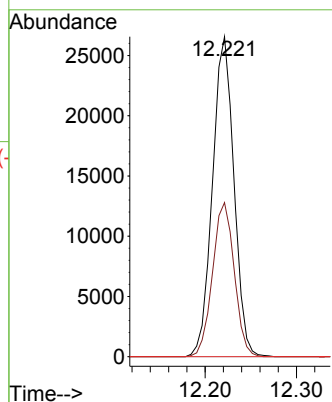
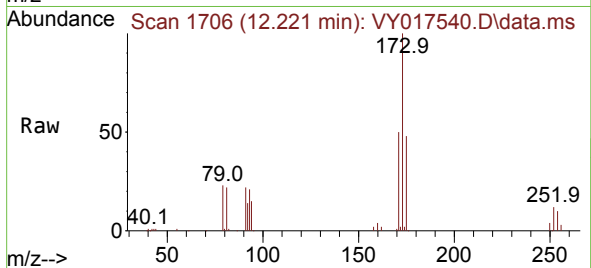
Tgt Ion:173 Resp: 43209

Ion Ratio Lower Upper

173 100

175 48.8 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY017540.D

Acq: 29 Feb 2024 20:02

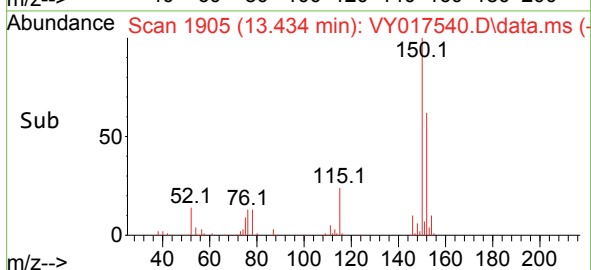
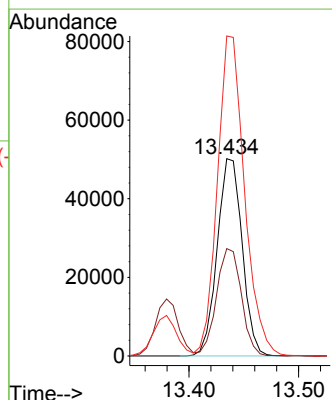
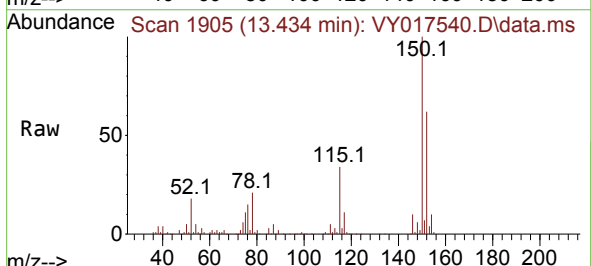
Tgt Ion:152 Resp: 79500

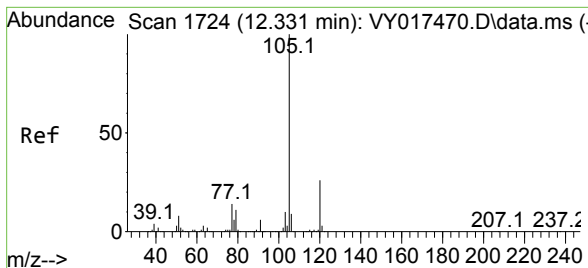
Ion Ratio Lower Upper

152 100

115 54.5 28.2 84.7

150 176.5 0.0 345.6





#73

Isopropylbenzene

Concen: 55.293 ug/l

RT: 12.343 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017540.D

Acq: 29 Feb 2024 20:02

Instrument :

MSVOA_Y

ClientSampleId :

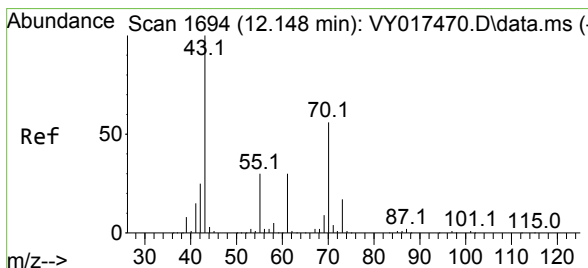
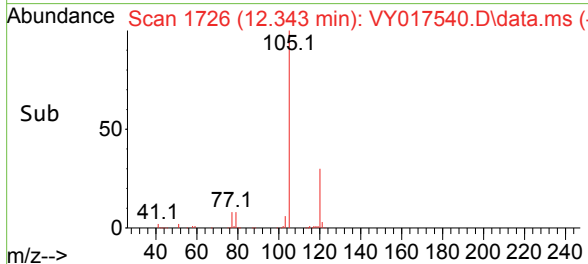
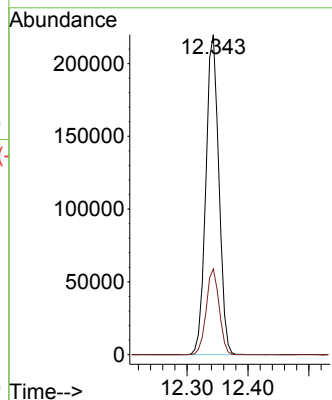
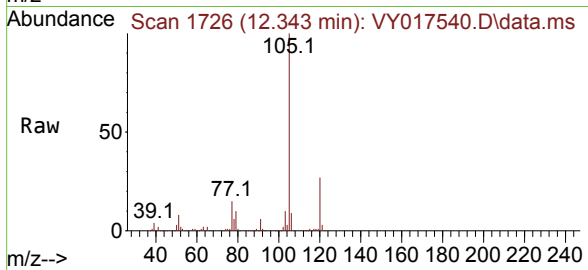
VSTDCCC050EC

Tgt Ion:105 Resp: 326577

Ion Ratio Lower Upper

105 100

120 26.6 13.4 40.1



#74

N-ethyl acetate

Concen: 57.905 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.006 min

Lab File: VY017540.D

Acq: 29 Feb 2024 20:02

Tgt Ion: 43 Resp: 60320

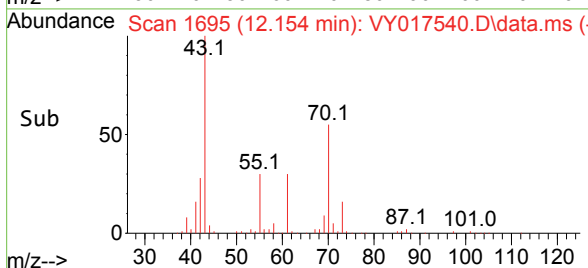
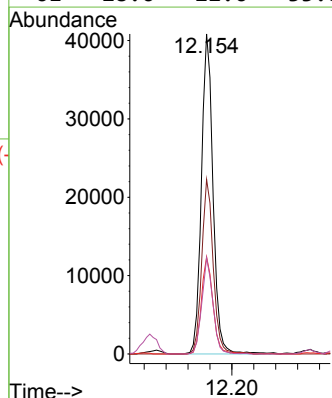
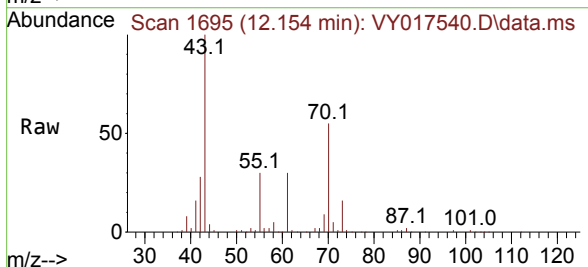
Ion Ratio Lower Upper

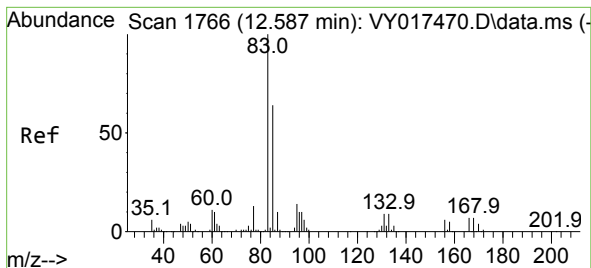
43 100

70 53.9 41.4 62.2

55 30.3 23.3 34.9

61 28.6 22.6 33.8

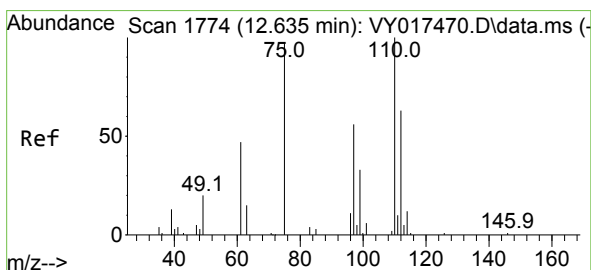
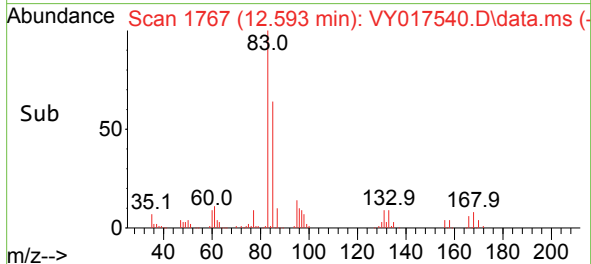
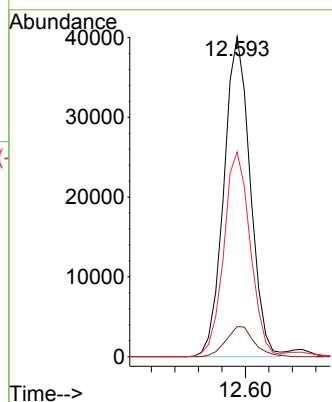
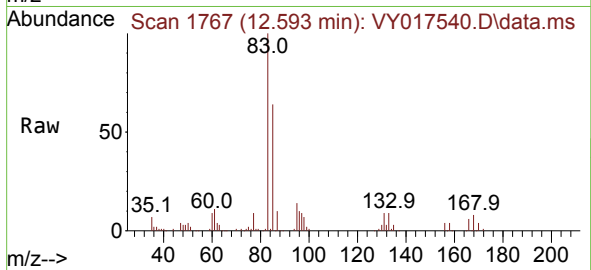




#75
1,1,2,2-Tetrachloroethane
Concen: 61.497 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. 0.006 min
Lab File: VY017540.D
Acq: 29 Feb 2024 20:02

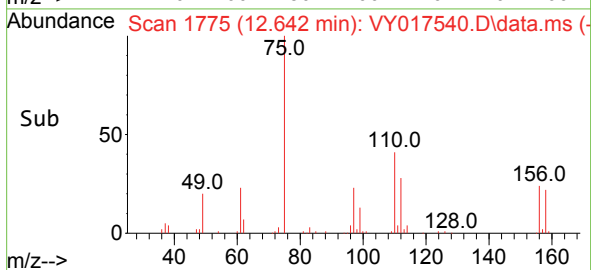
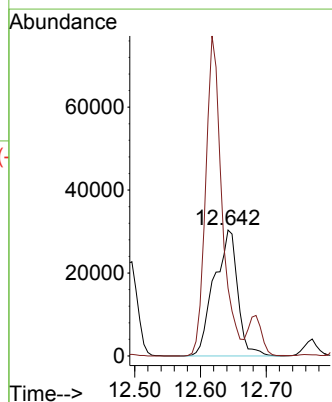
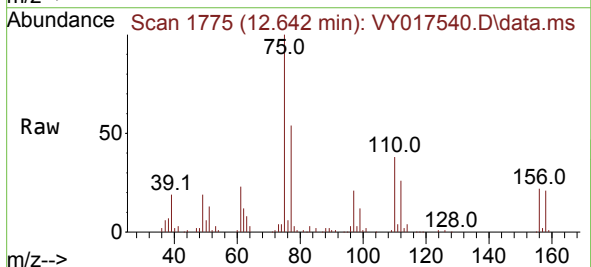
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

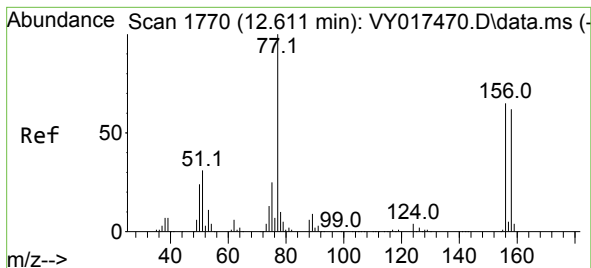
Tgt Ion: 83 Resp: 62373
Ion Ratio Lower Upper
83 100
131 10.1 5.0 14.9
85 64.5 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 100.064 ug/l
RT: 12.642 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VY017540.D
Acq: 29 Feb 2024 20:02

Tgt Ion: 75 Resp: 75585
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 55.370 ug/l

RT: 12.617 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017540.D

Acq: 29 Feb 2024 20:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

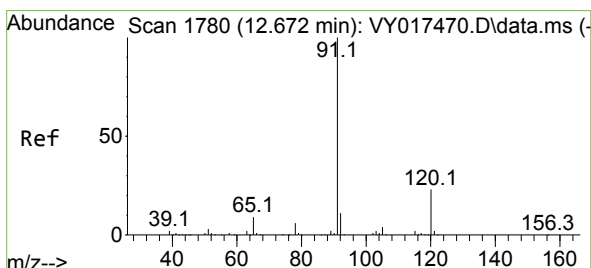
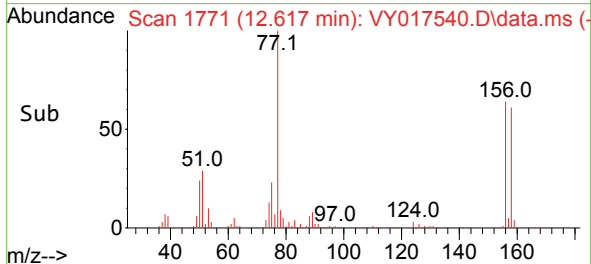
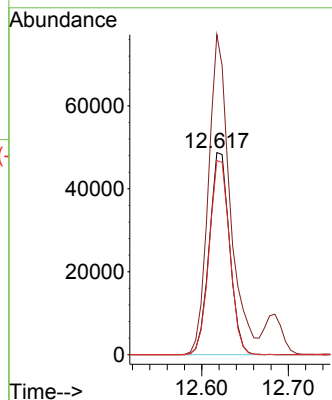
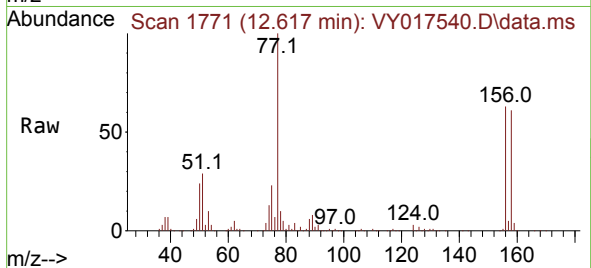
Tgt Ion:156 Resp: 79198

Ion Ratio Lower Upper

156 100

77 169.2 87.1 261.3

158 97.0 48.6 145.9



#78

n-propylbenzene

Concen: 55.107 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.012 min

Lab File: VY017540.D

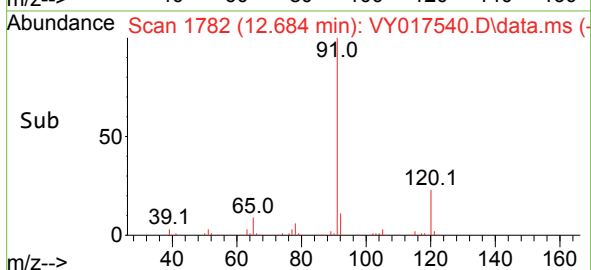
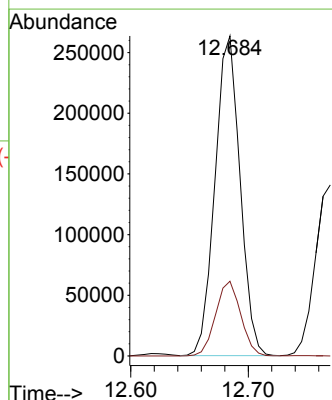
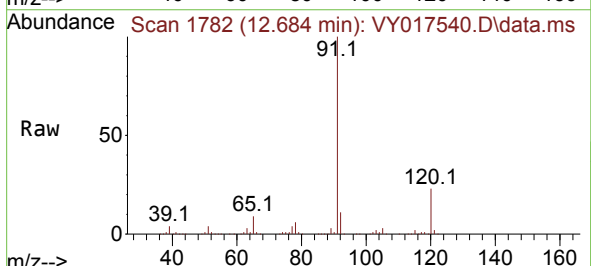
Acq: 29 Feb 2024 20:02

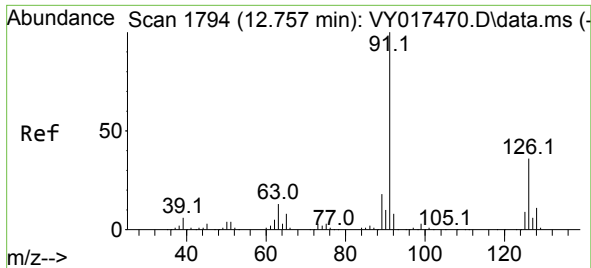
Tgt Ion: 91 Resp: 390542

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4

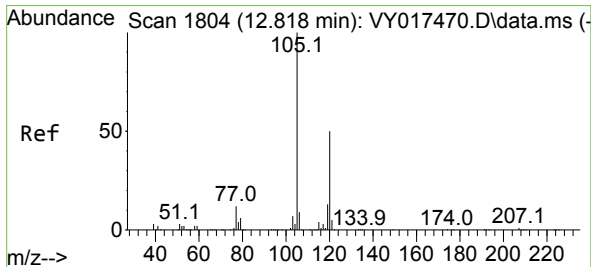
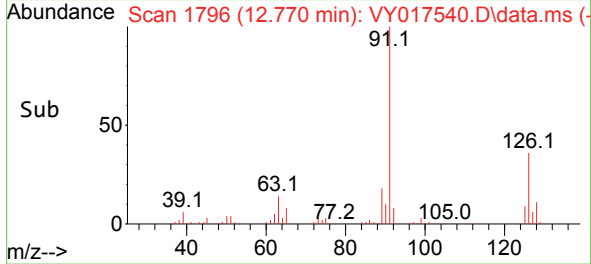
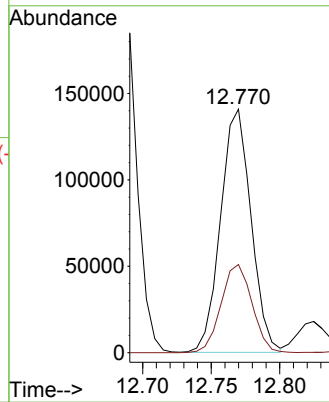
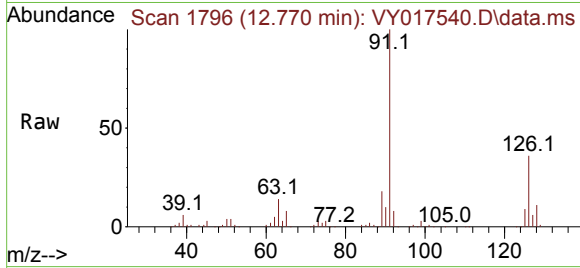




#79
2-Chlorotoluene
Concen: 54.902 ug/l
RT: 12.770 min Scan# 1796
Delta R.T. 0.012 min
Lab File: VY017540.D
Acq: 29 Feb 2024 20:02

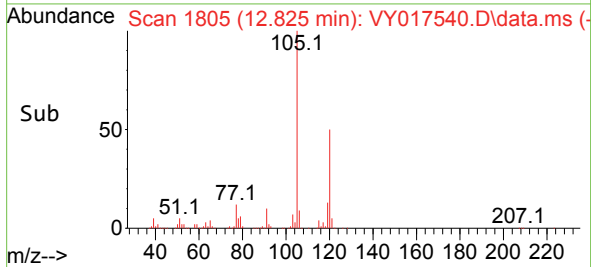
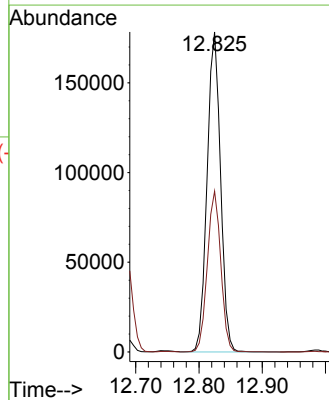
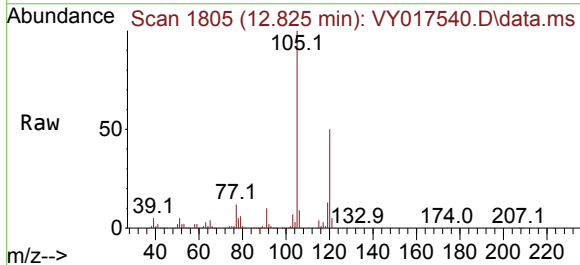
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

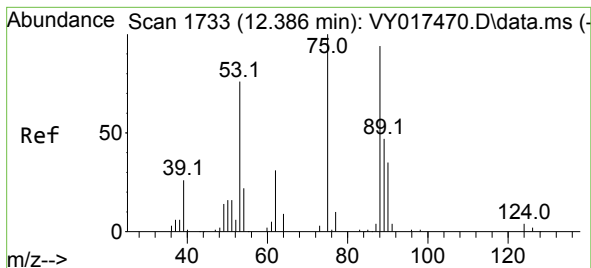
Tgt Ion: 91 Resp: 217842
Ion Ratio Lower Upper
91 100
126 36.8 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 55.690 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VY017540.D
Acq: 29 Feb 2024 20:02

Tgt Ion: 105 Resp: 263520
Ion Ratio Lower Upper
105 100
120 50.4 25.1 75.2

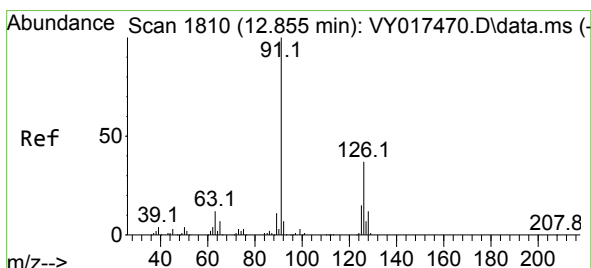
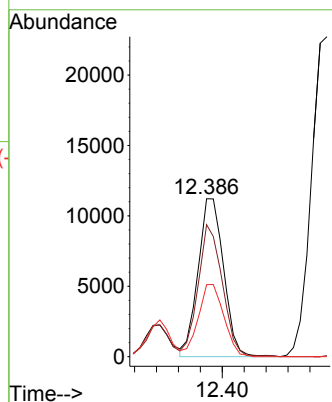
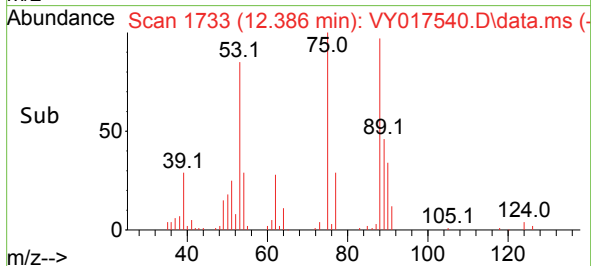
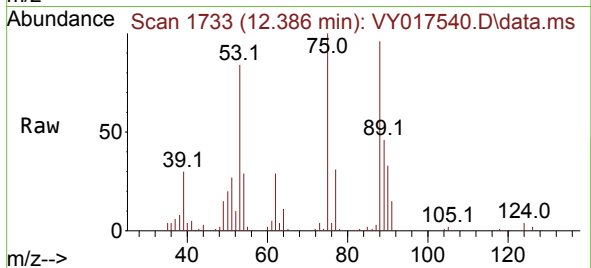




#81
trans-1,4-Dichloro-2-butene
Concen: 55.259 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY017540.D
Acq: 29 Feb 2024 20:02

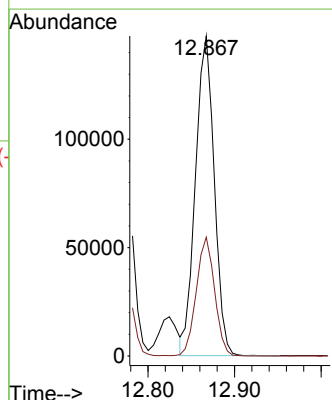
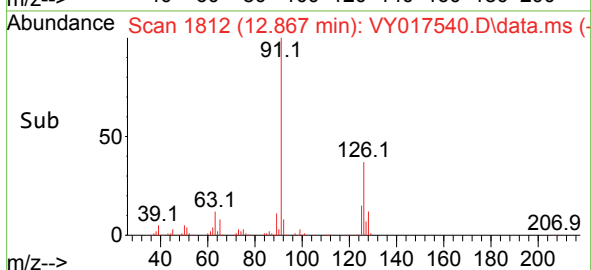
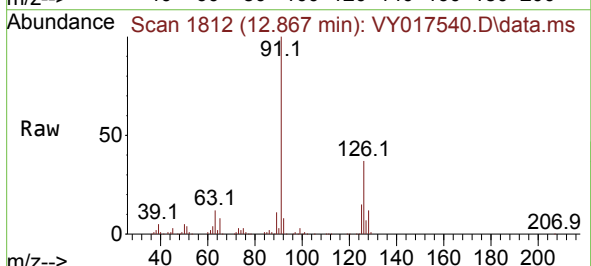
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

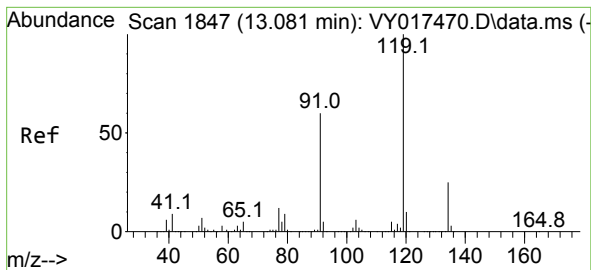
Tgt Ion:	75	Resp:	18166
Ion	Ratio	Lower	Upper
75	100		
53	79.6	66.8	100.2
89	45.8	35.8	53.6



#82
4-Chlorotoluene
Concen: 54.750 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.012 min
Lab File: VY017540.D
Acq: 29 Feb 2024 20:02

Tgt Ion:	91	Resp:	222196
Ion	Ratio	Lower	Upper
91	100		
126	36.3	17.6	52.9

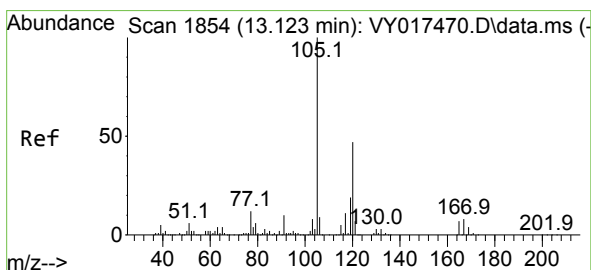
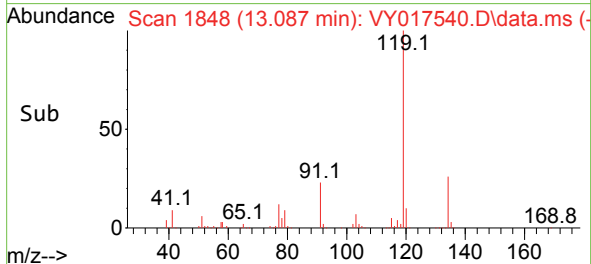
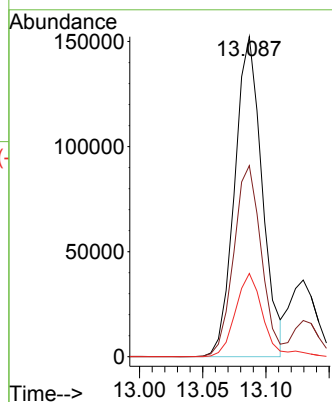
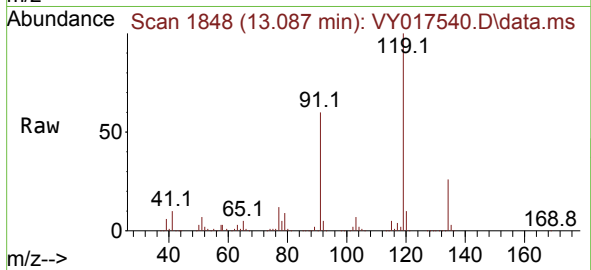




#83
tert-Butylbenzene
Concen: 55.457 ug/l
RT: 13.087 min Scan# 1848
Delta R.T. 0.006 min
Lab File: VY017540.D
Acq: 29 Feb 2024 20:02

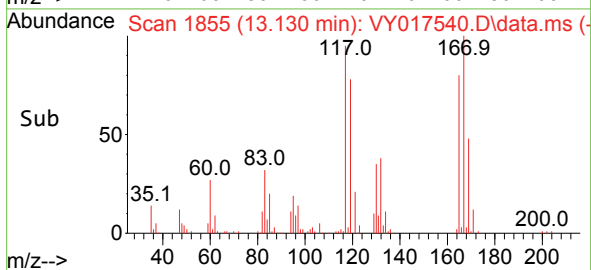
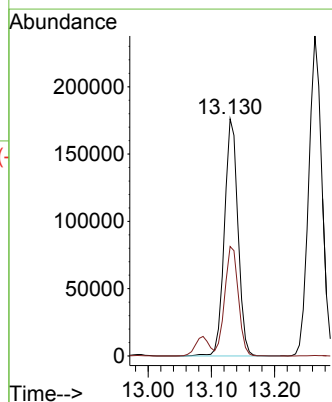
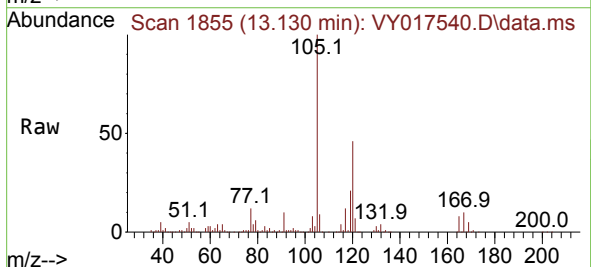
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

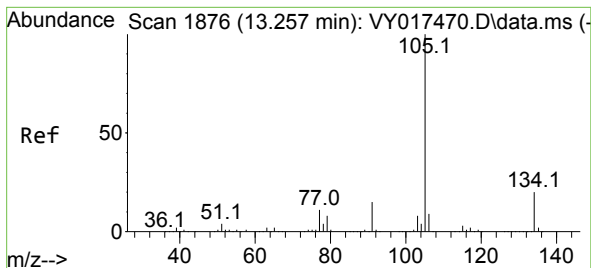
Tgt Ion:119 Resp: 230437
Ion Ratio Lower Upper
119 100
91 59.8 31.3 93.8
134 26.4 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 55.769 ug/l
RT: 13.130 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VY017540.D
Acq: 29 Feb 2024 20:02

Tgt Ion:105 Resp: 260529
Ion Ratio Lower Upper
105 100
120 46.3 23.2 69.6





#85

sec-Butylbenzene

Concen: 53.936 ug/l

RT: 13.264 min Scan# 1876

Delta R.T. 0.006 min

Lab File: VY017540.D

Acq: 29 Feb 2024 20:02

Instrument :

MSVOA_Y

ClientSampleId :

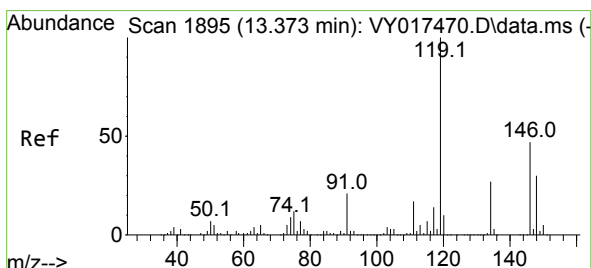
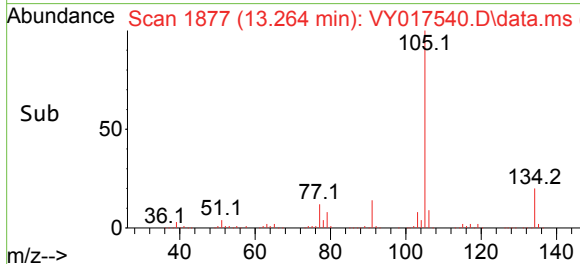
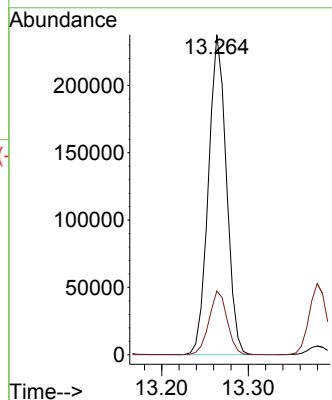
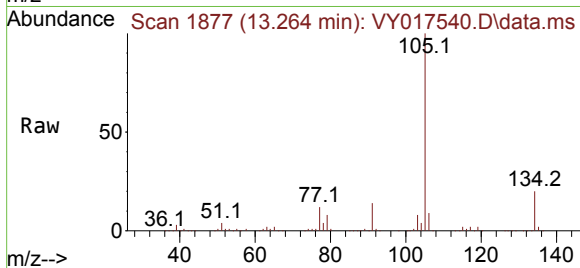
VSTDCCC050EC

Tgt Ion:105 Resp: 342649

Ion Ratio Lower Upper

105 100

134 20.1 10.1 30.1



#86

p-Isopropyltoluene

Concen: 53.691 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY017540.D

Acq: 29 Feb 2024 20:02

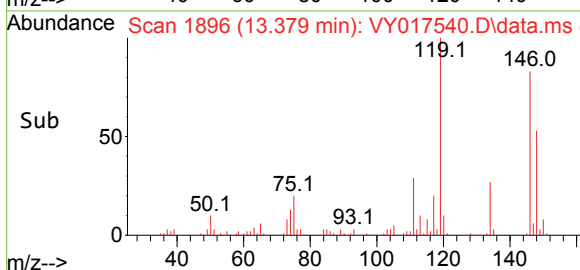
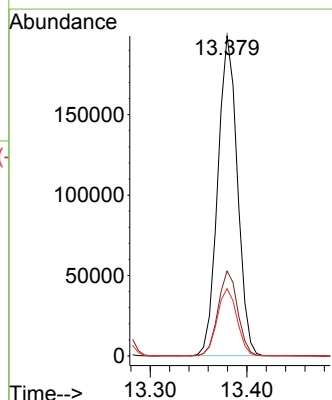
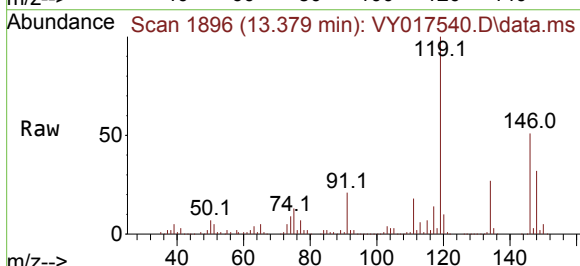
Tgt Ion:119 Resp: 279219

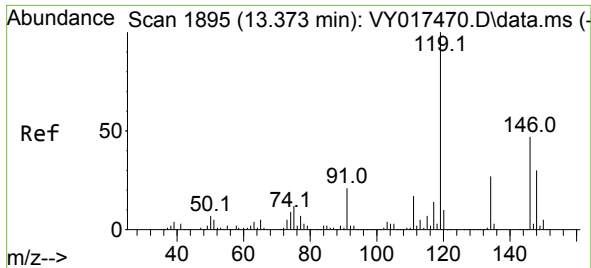
Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.3

91 21.3 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 53.975 ug/l

RT: 13.379 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY017540.D

Acq: 29 Feb 2024 20:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

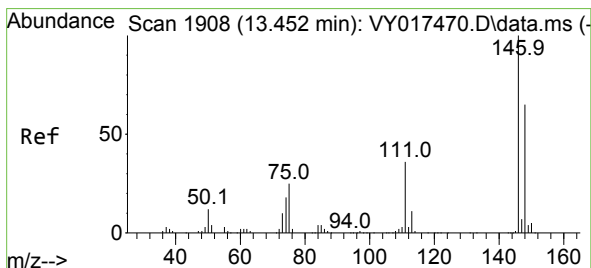
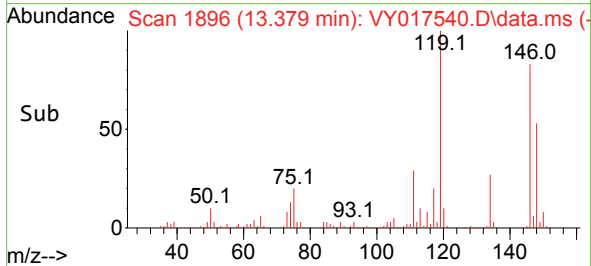
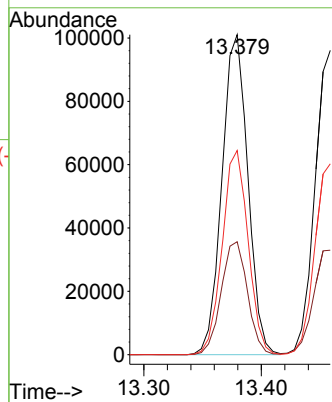
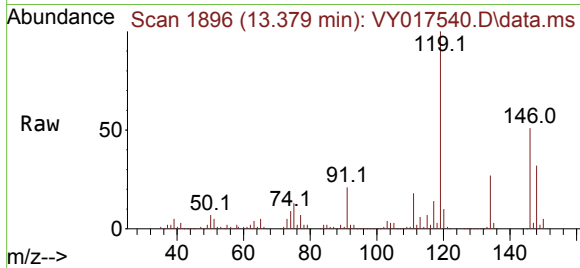
Tgt Ion:146 Resp: 154962

Ion Ratio Lower Upper

146 100

111 35.8 19.0 57.0

148 63.7 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 53.071 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY017540.D

Acq: 29 Feb 2024 20:02

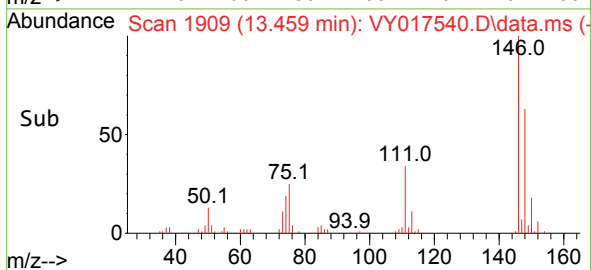
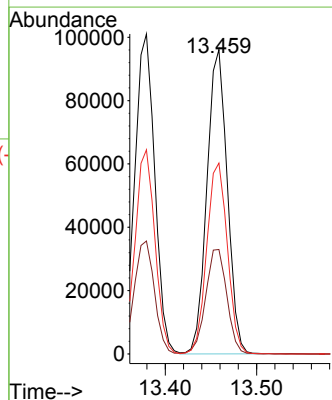
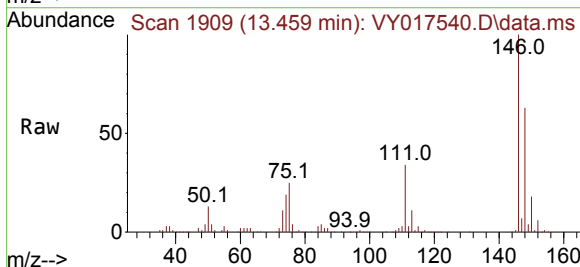
Tgt Ion:146 Resp: 148130

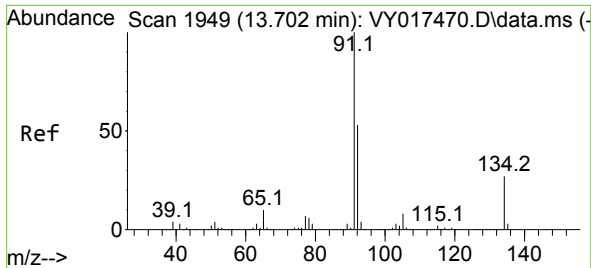
Ion Ratio Lower Upper

146 100

111 35.7 18.4 55.4

148 63.8 32.4 97.2

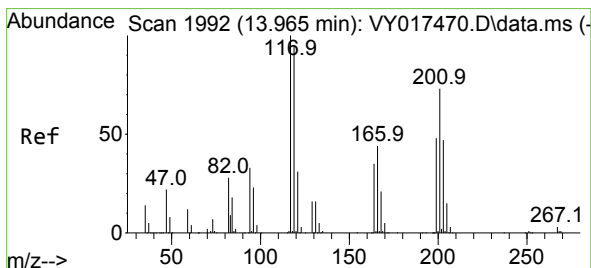
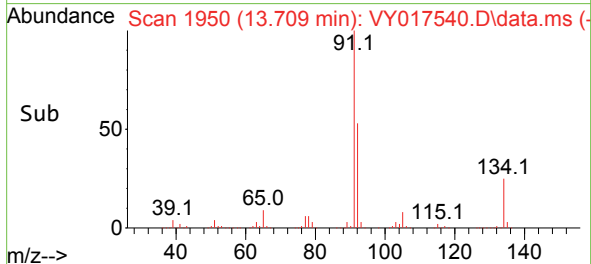
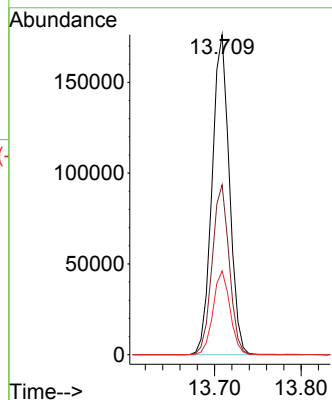
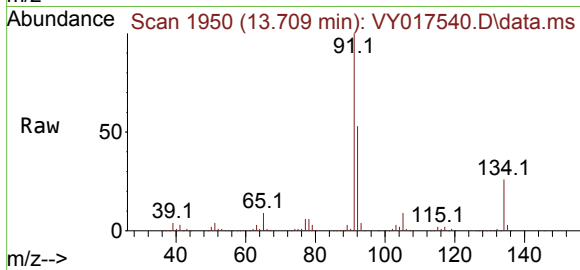




#89
n-Butylbenzene
Concen: 51.445 ug/l
RT: 13.709 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY017540.D
Acq: 29 Feb 2024 20:02

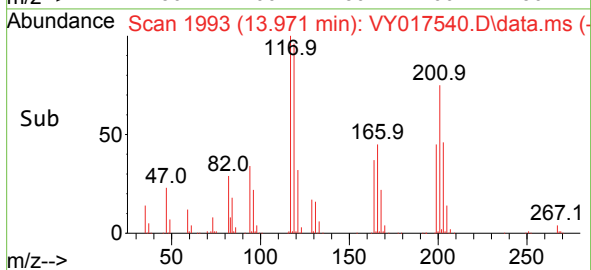
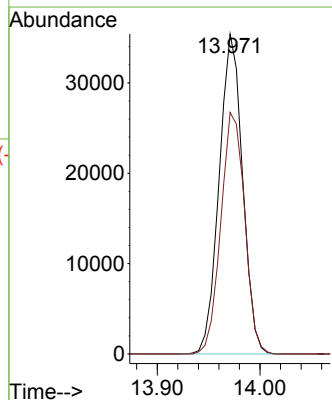
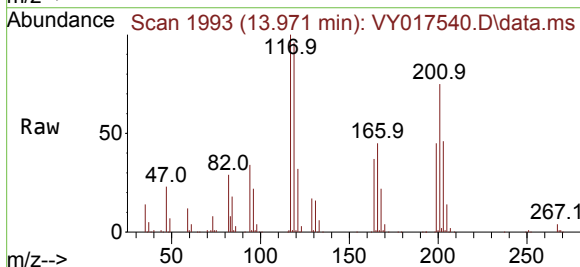
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

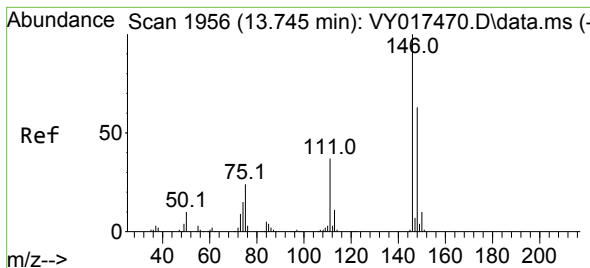
Tgt Ion: 91 Resp: 244096
Ion Ratio Lower Upper
91 100
92 52.5 26.6 79.7
134 25.7 12.9 38.7



#90
Hexachloroethane
Concen: 53.580 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.006 min
Lab File: VY017540.D
Acq: 29 Feb 2024 20:02

Tgt Ion: 117 Resp: 55863
Ion Ratio Lower Upper
117 100
201 77.0 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 55.441 ug/l

RT: 13.751 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VY017540.D

Acq: 29 Feb 2024 20:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

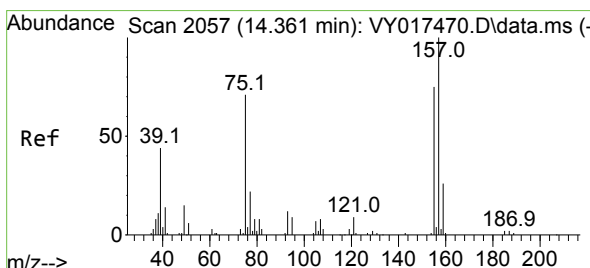
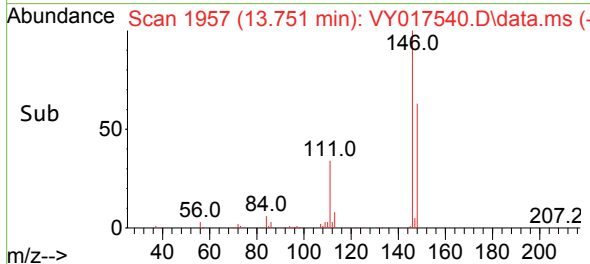
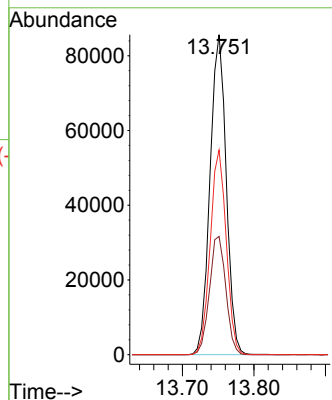
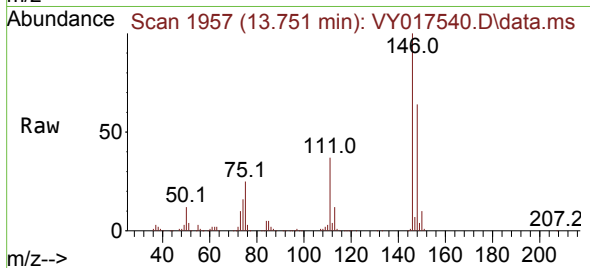
Tgt Ion:146 Resp: 134634

Ion Ratio Lower Upper

146 100

111 37.5 19.9 59.7

148 63.3 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.154 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VY017540.D

Acq: 29 Feb 2024 20:02

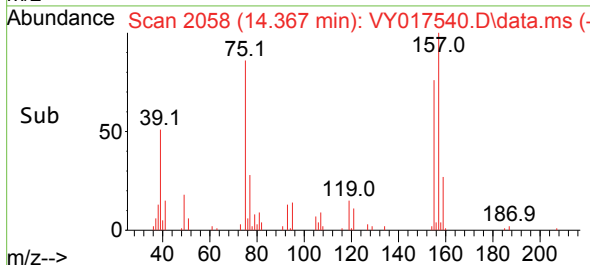
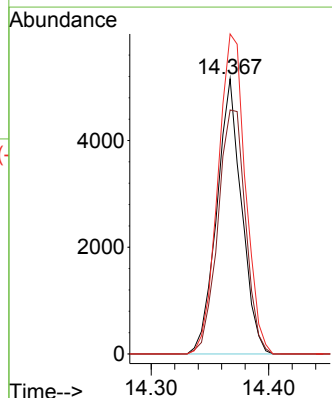
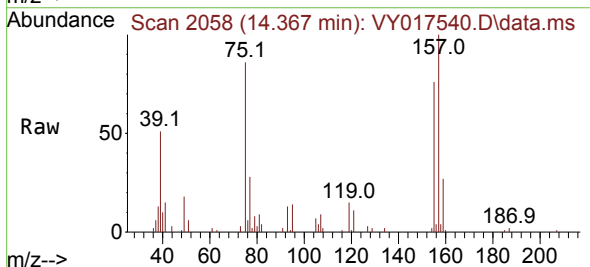
Tgt Ion: 75 Resp: 7579

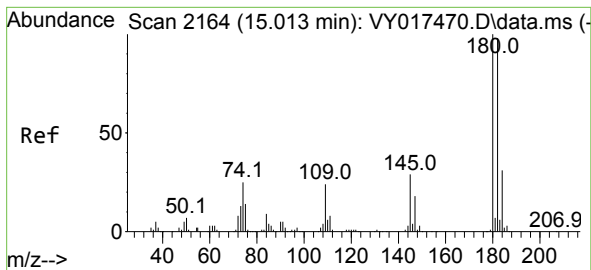
Ion Ratio Lower Upper

75 100

155 98.2 48.6 145.8

157 128.3 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 48.853 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY017540.D

Acq: 29 Feb 2024 20:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

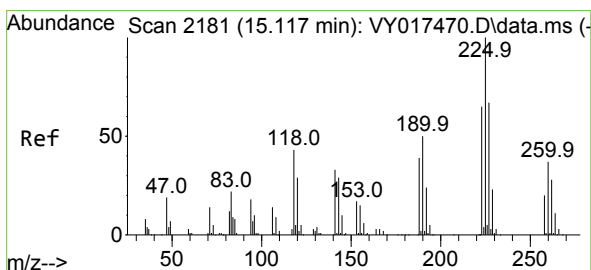
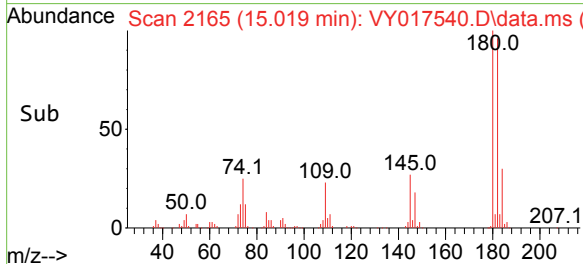
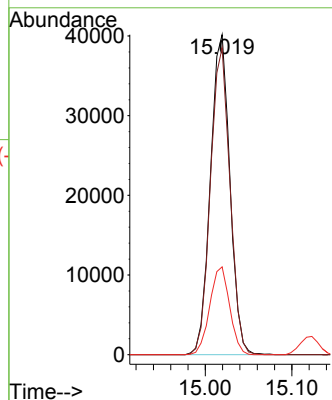
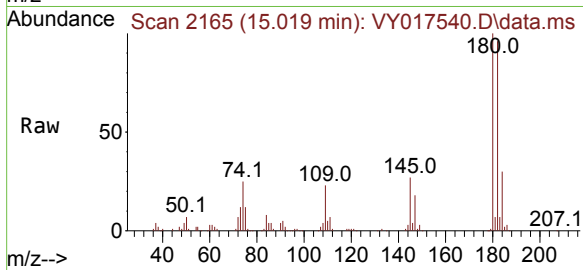
Tgt Ion:180 Resp: 62664

Ion Ratio Lower Upper

180 100

182 96.1 47.9 143.8

145 28.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 46.894 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY017540.D

Acq: 29 Feb 2024 20:02

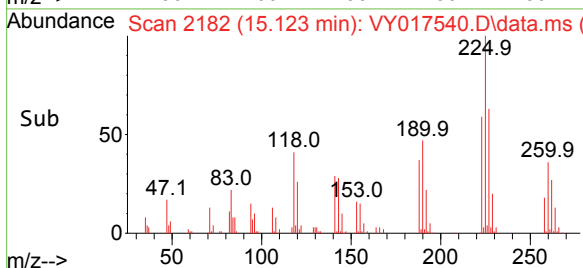
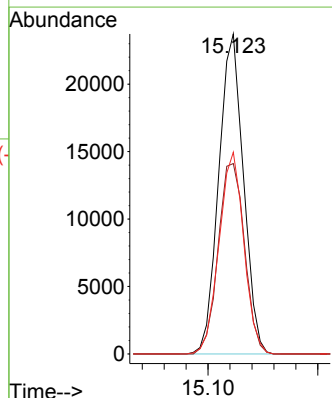
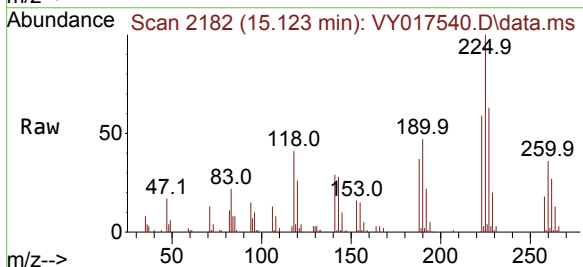
Tgt Ion:225 Resp: 37138

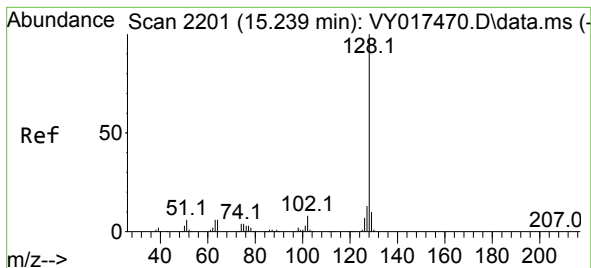
Ion Ratio Lower Upper

225 100

223 63.6 30.4 91.2

227 63.1 31.9 95.9





#95

Naphthalene

Concen: 45.875 ug/l

RT: 15.245 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY017540.D

Acq: 29 Feb 2024 20:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

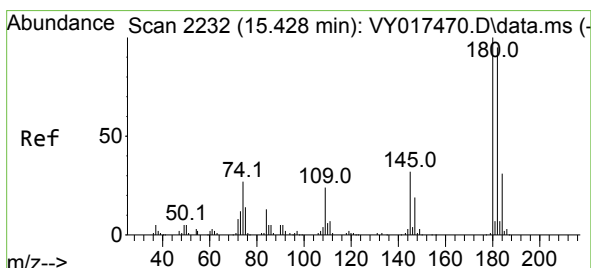
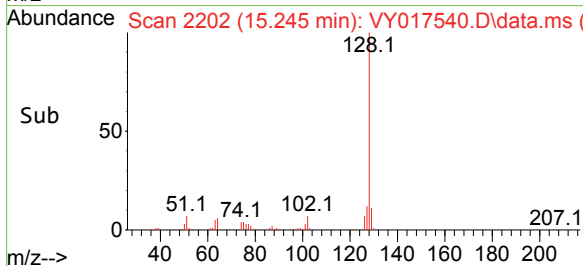
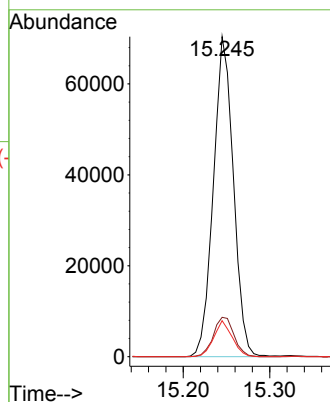
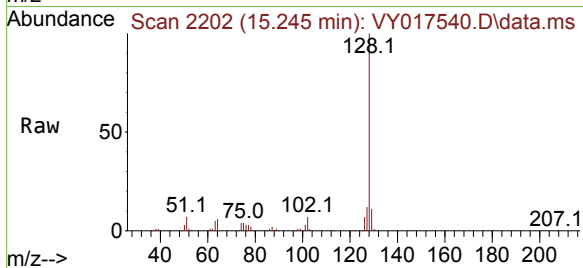
Tgt Ion:128 Resp: 113149

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

129 10.3 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 48.538 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY017540.D

Acq: 29 Feb 2024 20:02

Tgt Ion:180 Resp: 53412

Ion Ratio Lower Upper

180 100

182 96.4 47.6 142.9

145 30.3 15.4 46.1

