

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022724\
 Data File : VY017509.D
 Acq On : 27 Feb 2024 20:10
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 28 00:22:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	142557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	220139	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	193592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	92485	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	67317	49.825	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.660%
35) Dibromofluoromethane	7.722	113	79614	51.900	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.800%
50) Toluene-d8	10.185	98	300885	56.099	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.200%
62) 4-Bromofluorobenzene	12.483	95	92072	54.623	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	109.240%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.906	85	49678	47.241	ug/l 96
3) Chloromethane	2.113	50	85580	44.541	ug/l 97
4) Vinyl Chloride	2.247	62	111526	45.245	ug/l 100
5) Bromomethane	2.650	94	99490	49.529	ug/l 98
6) Chloroethane	2.796	64	73880	47.512	ug/l 99
7) Trichlorofluoromethane	3.119	101	121429	48.335	ug/l 97
8) Diethyl Ether	3.527	74	37839	51.353	ug/l 99
9) 1,1,2-Trichlorotrifluo...	3.899	101	73058	50.558	ug/l 99
10) Methyl Iodide	4.088	142	71570	44.133	ug/l 99
11) Tert butyl alcohol	4.948	59	22419	195.349	ug/l # 79
12) 1,1-Dichloroethene	3.869	96	68696	51.011	ug/l 97
13) Acrolein	3.729	56	33689	222.477	ug/l 98
14) Allyl chloride	4.479	41	81159	49.877	ug/l 97
15) Acrylonitrile	5.161	53	77643	256.333	ug/l 99
16) Acetone	3.948	43	59729	227.930	ug/l 100
17) Carbon Disulfide	4.192	76	203735	50.403	ug/l 99
18) Methyl Acetate	4.479	43	35232	55.418	ug/l 100
19) Methyl tert-butyl Ether	5.222	73	162594	51.801	ug/l 98
20) Methylene Chloride	4.722	84	86302	56.800	ug/l 95
21) trans-1,2-Dichloroethene	5.222	96	81447	51.654	ug/l 97
22) Diisopropyl ether	6.125	45	196737	52.395	ug/l 98
23) Vinyl Acetate	6.064	43	575027	256.995	ug/l 100
24) 1,1-Dichloroethane	6.021	63	131469	51.249	ug/l 99
25) 2-Butanone	6.990	43	91595	245.264	ug/l 99
26) 2,2-Dichloropropane	6.984	77	102216	47.393	ug/l 98
27) cis-1,2-Dichloroethene	6.990	96	93973	53.081	ug/l 96
28) Bromochloromethane	7.338	49	53086	52.545	ug/l 94
29) Tetrahydrofuran	7.350	42	59314	263.476	ug/l 99
30) Chloroform	7.508	83	143514	52.547	ug/l 99
31) Cyclohexane	7.789	56	106534	48.453	ug/l 94
32) 1,1,1-Trichloroethane	7.704	97	123551	52.106	ug/l 98
36) 1,1-Dichloropropene	7.923	75	108061	52.211	ug/l 100
37) Ethyl Acetate	7.076	43	41193	50.392	ug/l 98
38) Carbon Tetrachloride	7.905	117	110431	53.238	ug/l 100
39) Methylcyclohexane	9.191	83	129993	52.262	ug/l 99
40) Benzene	8.167	78	327286	53.248	ug/l 97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	54570	133.029	ug/l #	15
42) 1,2-Dichloroethane	8.240	62	77316	51.556	ug/l	98
43) Isopropyl Acetate	8.277	43	74468	51.841	ug/l	99
44) Trichloroethene	8.947	130	92367	52.138	ug/l	97
45) 1,2-Dichloropropane	9.222	63	76154	52.077	ug/l	100
46) Dibromomethane	9.307	93	44008	52.585	ug/l	95
47) Bromodichloromethane	9.502	83	108227	53.260	ug/l	98
48) Methyl methacrylate	9.295	41	35510	53.405	ug/l	95
49) 1,4-Dioxane	9.301	88	9813	1036.079	ug/l #	95
51) 4-Methyl-2-Pentanone	10.075	43	213569	266.763	ug/l	99
52) Toluene	10.246	92	205970	53.156	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	97133	51.499	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	118756	51.818	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	62924	52.956	ug/l	96
56) Ethyl methacrylate	10.514	69	73027	49.959	ug/l	97
57) 1,3-Dichloropropane	10.794	76	101191	52.379	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	186490	271.981	ug/l	98
59) 2-Hexanone	10.837	43	145107	263.874	ug/l	97
60) Dibromochloromethane	10.990	129	76176	54.191	ug/l	99
61) 1,2-Dibromoethane	11.093	107	58257	53.202	ug/l	98
64) Tetrachloroethene	10.727	164	96856	52.125	ug/l	99
65) Chlorobenzene	11.520	112	218984	53.292	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	84150	54.664	ug/l	99
67) Ethyl Benzene	11.599	91	393556	54.612	ug/l	97
68) m/p-Xylenes	11.709	106	312057	110.202	ug/l	98
69) o-Xylene	12.032	106	146564	55.790	ug/l	96
70) Styrene	12.050	104	242214	55.545	ug/l	98
71) Bromoform	12.209	173	47679	55.891	ug/l #	98
73) Isopropylbenzene	12.331	105	378732	55.120	ug/l	100
74) N-amyl acetate	12.148	43	66466	54.846	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	66485	56.348	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	81687	92.958	ug/l #	100
77) Bromobenzene	12.611	156	90688	54.501	ug/l	95
78) n-propylbenzene	12.672	91	450801	54.679	ug/l	98
79) 2-Chlorotoluene	12.758	91	248420	53.818	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	304114	55.245	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	19706	51.528	ug/l	96
82) 4-Chlorotoluene	12.855	91	250498	53.058	ug/l	97
83) tert-Butylbenzene	13.075	119	272180	56.307	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	298659	54.955	ug/l	100
85) sec-Butylbenzene	13.257	105	408220	55.236	ug/l	99
86) p-Isopropyltoluene	13.373	119	332190	54.908	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	178135	53.335	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	172704	53.188	ug/l	99
89) n-Butylbenzene	13.696	91	297155	53.835	ug/l	99
90) Hexachloroethane	13.965	117	65341	53.872	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	154967	54.854	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8778	52.920	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	79909	53.550	ug/l	100
94) Hexachlorobutadiene	15.111	225	48477	52.618	ug/l	99
95) Naphthalene	15.239	128	141802	49.117	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	68532	53.535	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

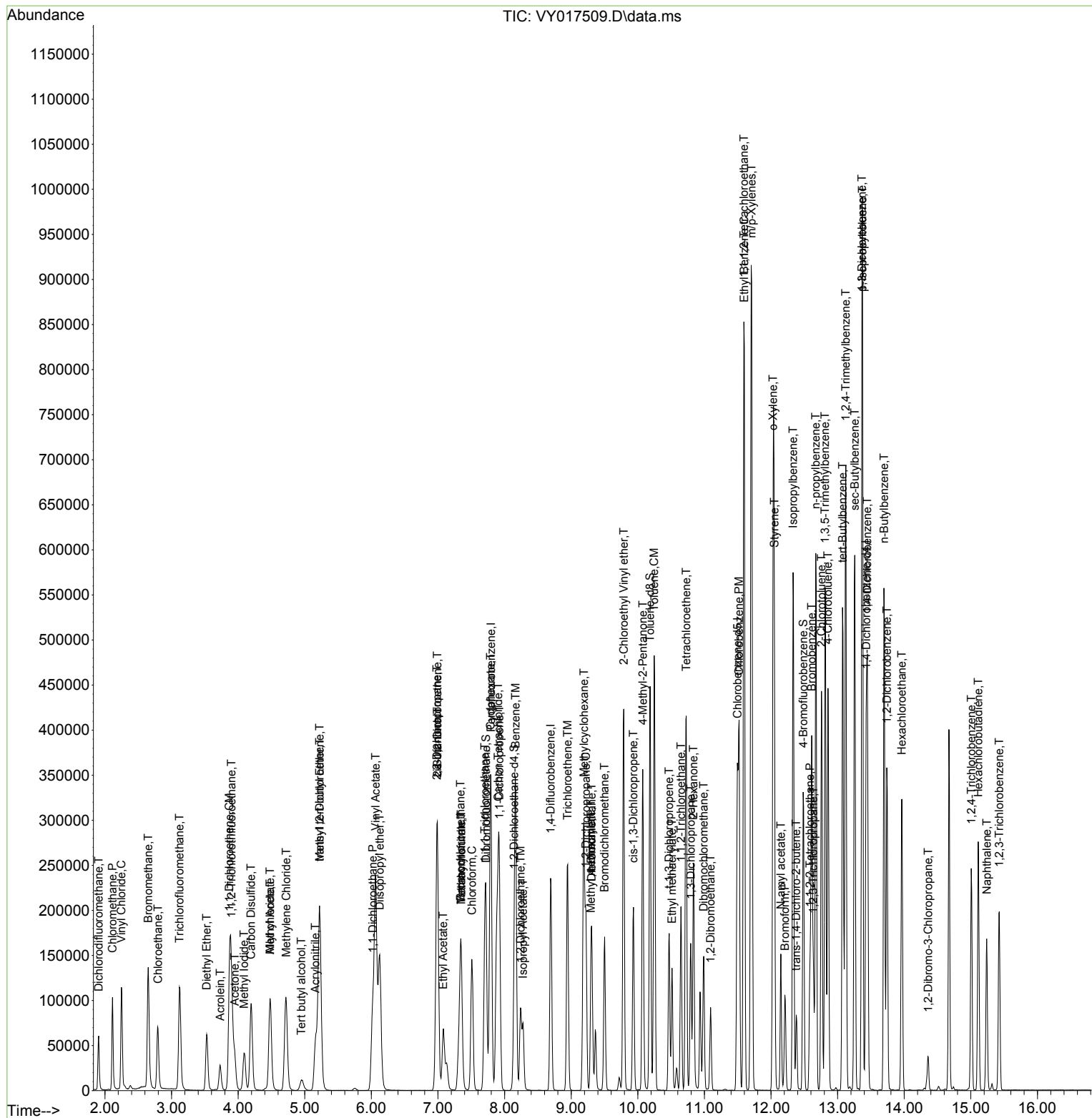
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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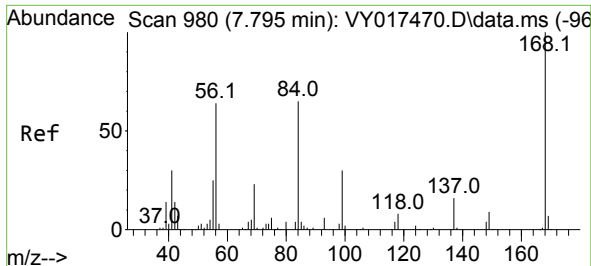
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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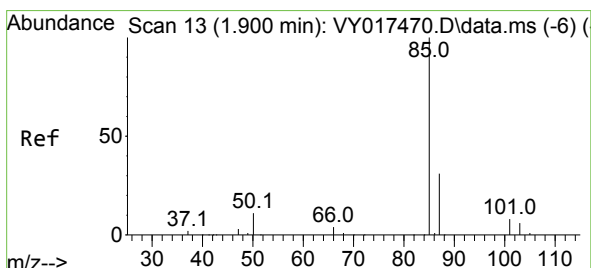
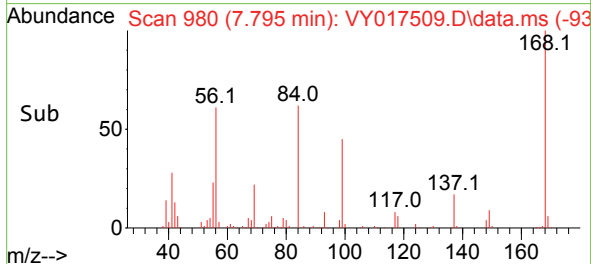
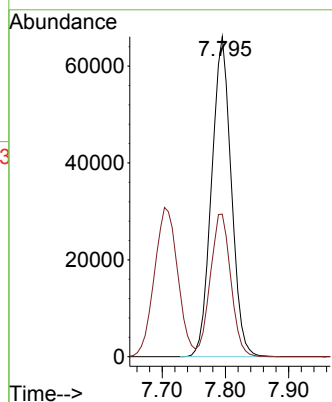
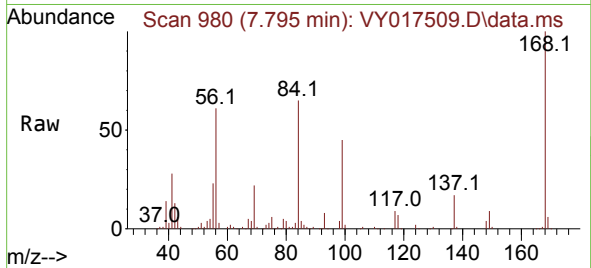




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017509.D
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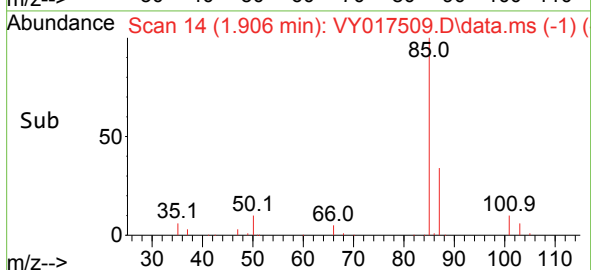
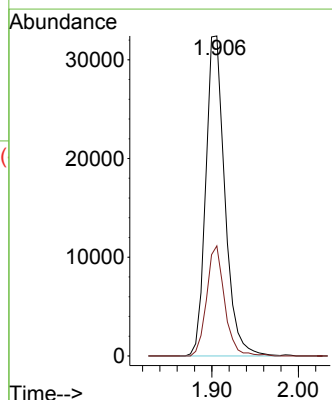
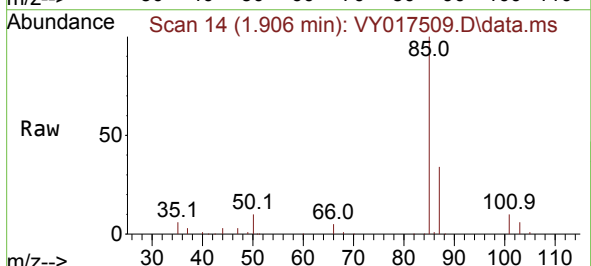
Instrument :
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VSTDCCC050EC

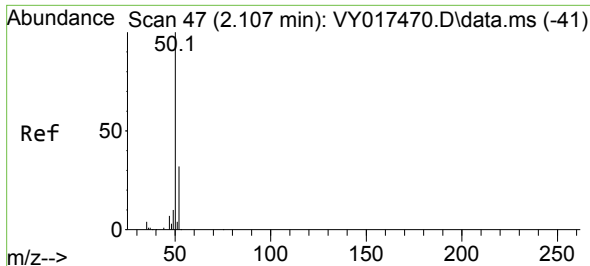
Tgt Ion:168 Resp: 142557
Ion Ratio Lower Upper
168 100
99 44.5 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 47.241 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY017509.D
Acq: 27 Feb 2024 20:10

Tgt Ion: 85 Resp: 49678
Ion Ratio Lower Upper
85 100
87 34.4 16.0 48.0

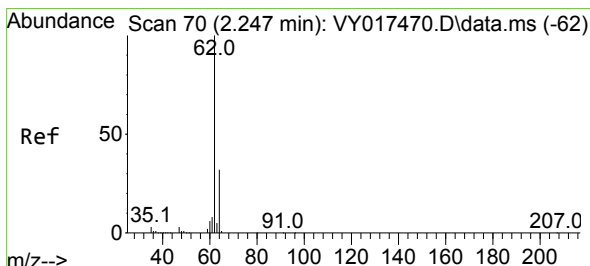
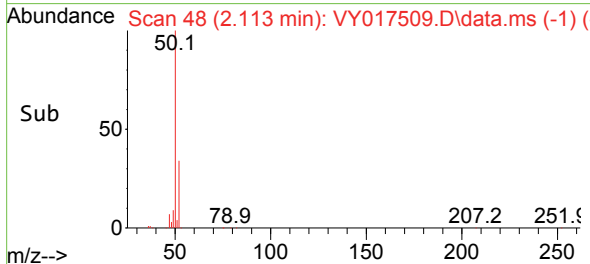
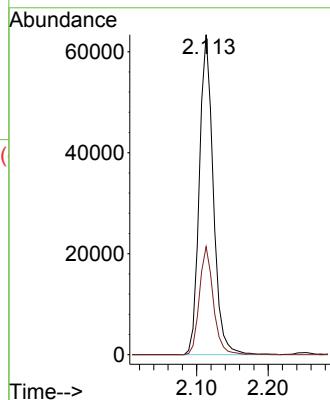
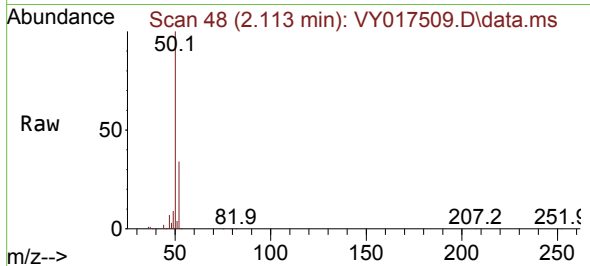




#3
Chloromethane
Concen: 44.541 ug/l
RT: 2.113 min Scan# 47
Delta R.T. 0.006 min
Lab File: VY017509.D
Acq: 27 Feb 2024 20:10

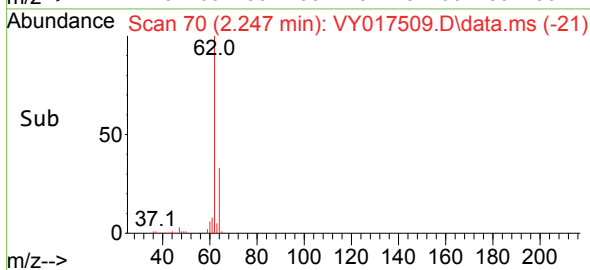
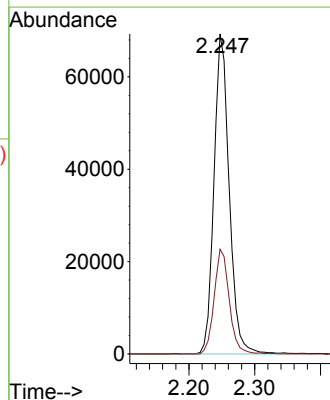
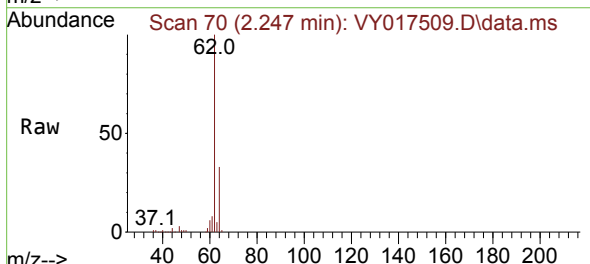
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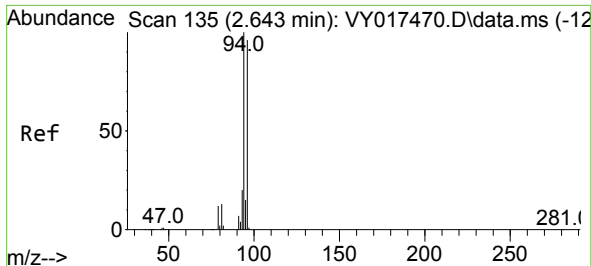
Tgt Ion: 50 Resp: 85580
Ion Ratio Lower Upper
50 100
52 33.8 25.6 38.4



#4
Vinyl Chloride
Concen: 45.245 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY017509.D
Acq: 27 Feb 2024 20:10

Tgt Ion: 62 Resp: 111526
Ion Ratio Lower Upper
62 100
64 32.7 26.1 39.1

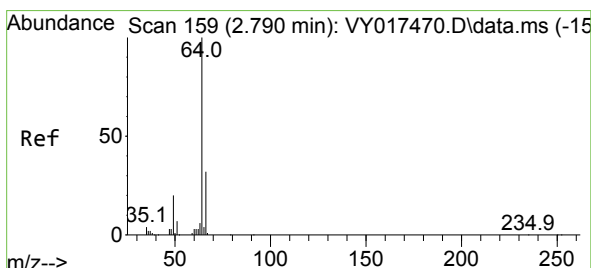
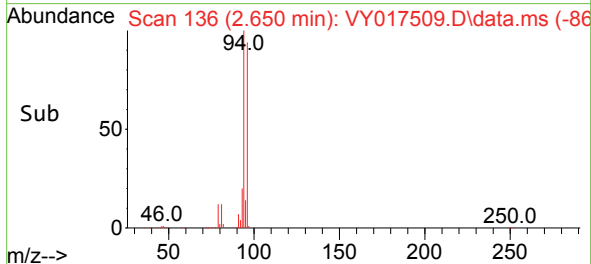
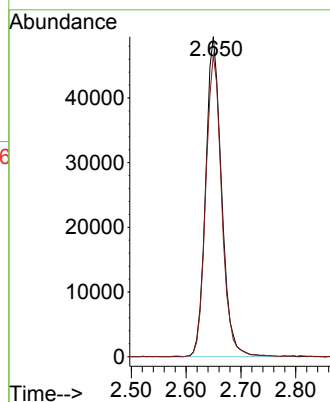
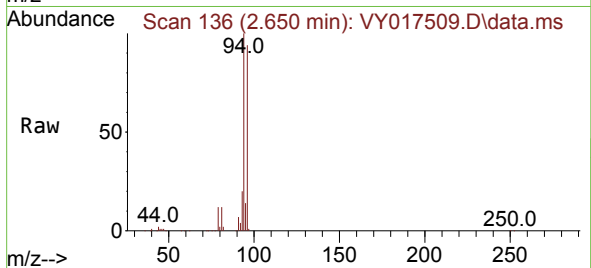




#5
Bromomethane
Concen: 49.529 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017509.D
Acq: 27 Feb 2024 20:10

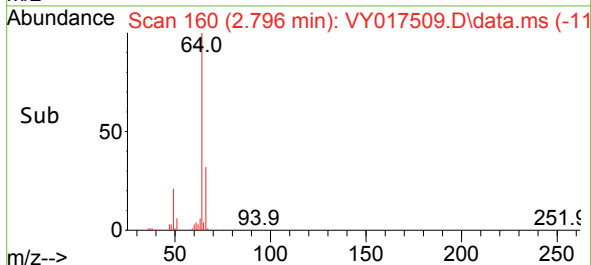
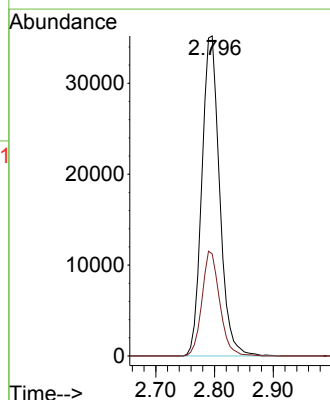
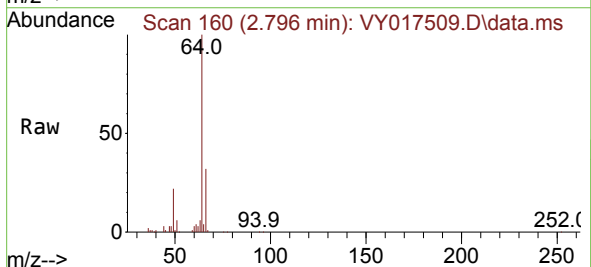
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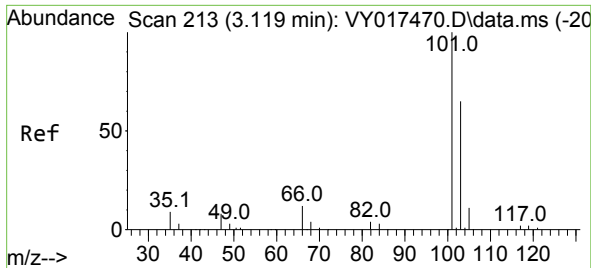
Tgt Ion: 94 Resp: 99490
Ion Ratio Lower Upper
94 100
96 94.1 74.1 111.1



#6
Chloroethane
Concen: 47.512 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY017509.D
Acq: 27 Feb 2024 20:10

Tgt Ion: 64 Resp: 73880
Ion Ratio Lower Upper
64 100
66 31.9 26.1 39.1

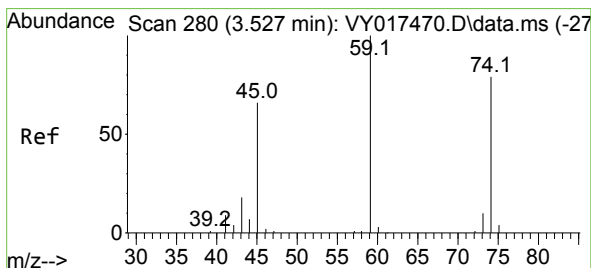
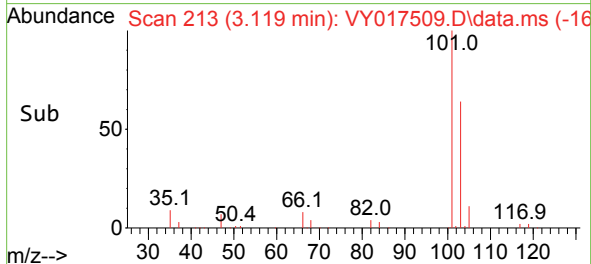
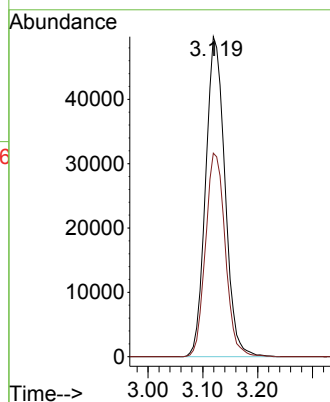
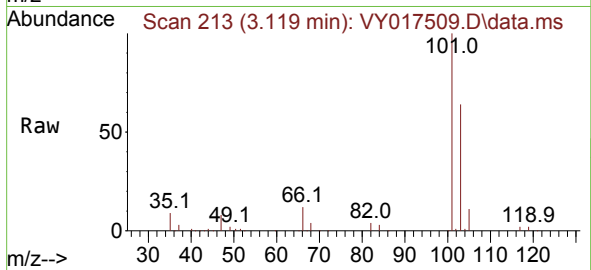




#7
 Trichlorofluoromethane
 Concen: 48.335 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VY017509.D
 Acq: 27 Feb 2024 20:10

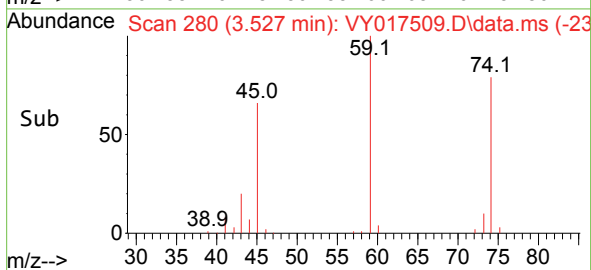
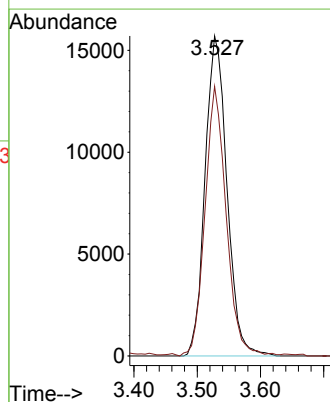
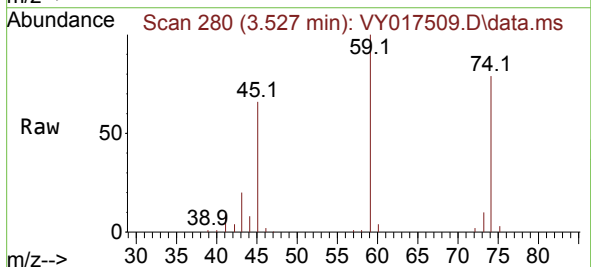
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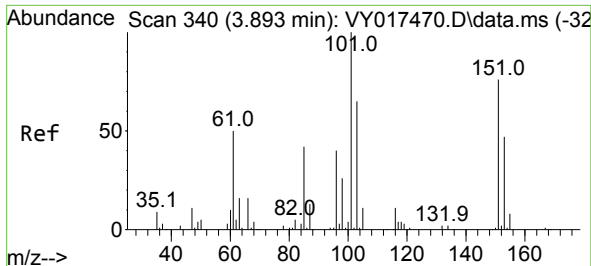
Tgt Ion:101 Resp: 121429
 Ion Ratio Lower Upper
 101 100
 103 63.6 49.3 73.9



#8
 Diethyl Ether
 Concen: 51.353 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 37839
 Ion Ratio Lower Upper
 74 100
 45 81.6 41.3 124.1

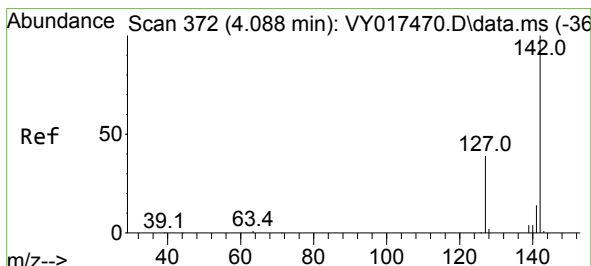
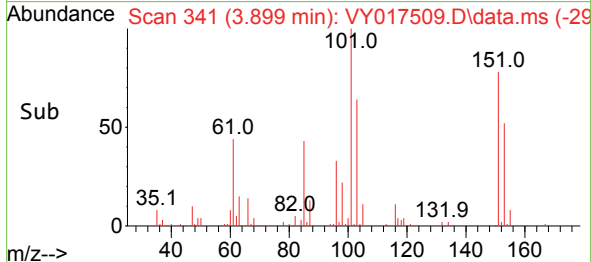
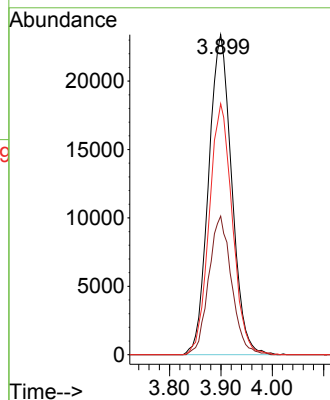
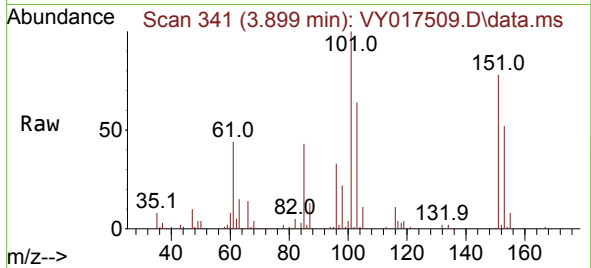




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.558 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY017509.D
Acq: 27 Feb 2024 20:10

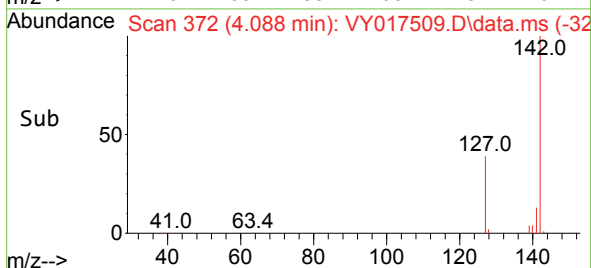
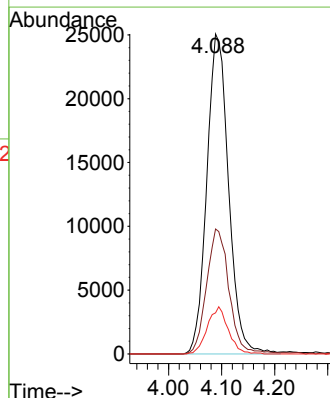
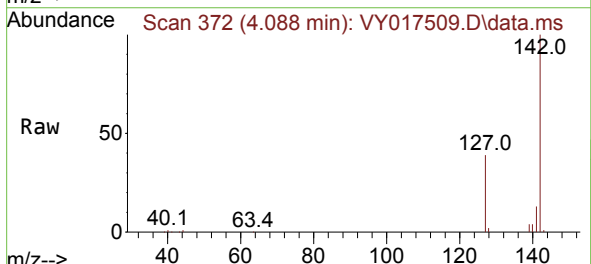
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

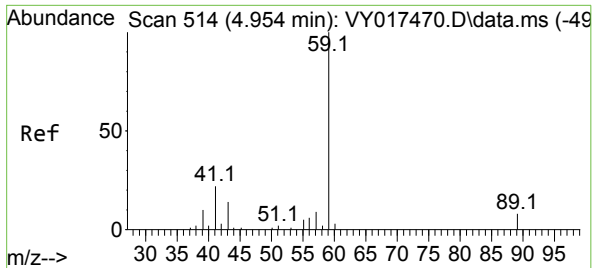
Tgt Ion:101 Resp: 73058
Ion Ratio Lower Upper
101 100
85 42.7 34.5 51.7
151 78.5 61.7 92.5



#10
Methyl Iodide
Concen: 44.133 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY017509.D
Acq: 27 Feb 2024 20:10

Tgt Ion:142 Resp: 71570
Ion Ratio Lower Upper
142 100
127 40.4 32.8 49.2
141 14.2 11.4 17.2





#11

Tert butyl alcohol

Concen: 195.349 ug/l

RT: 4.948 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY017509.D

Acq: 27 Feb 2024 20:10

Instrument :

MSVOA_Y

ClientSampleId :

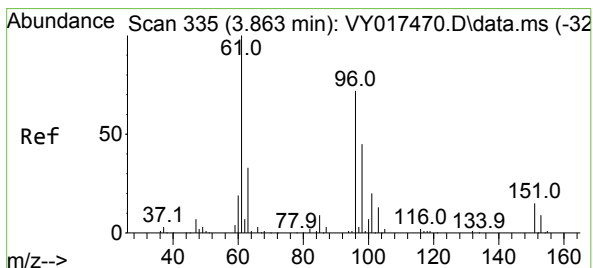
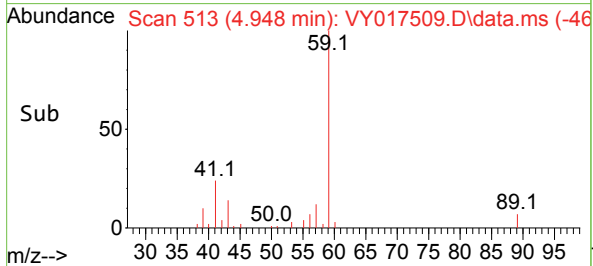
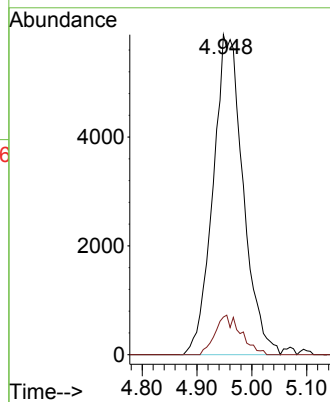
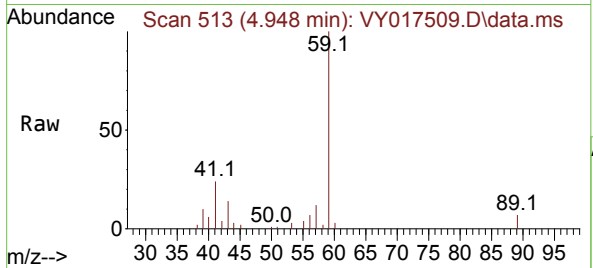
VSTDCCC050EC

Tgt Ion: 59 Resp: 22419

Ion Ratio Lower Upper

59 100

57 10.6 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 51.011 ug/l

RT: 3.869 min Scan# 336

Delta R.T. 0.006 min

Lab File: VY017509.D

Acq: 27 Feb 2024 20:10

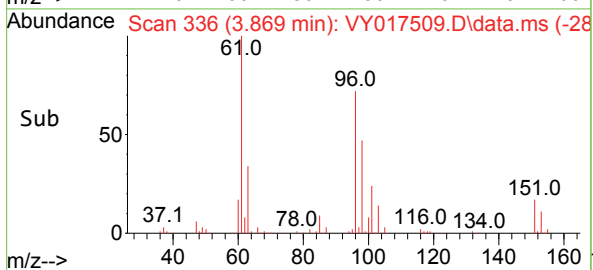
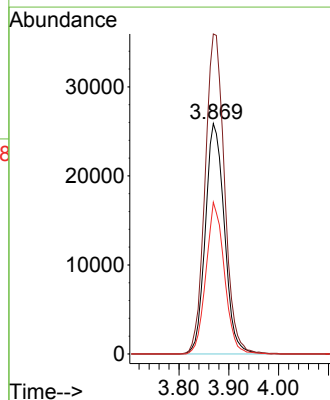
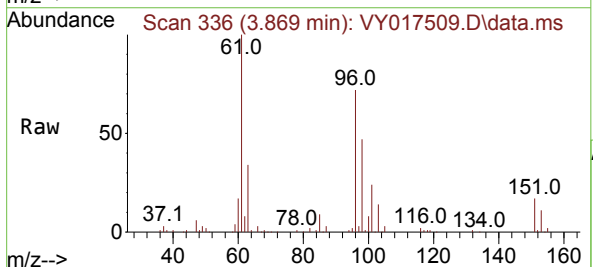
Tgt Ion: 96 Resp: 68696

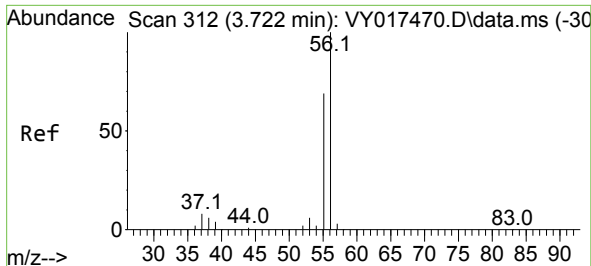
Ion Ratio Lower Upper

96 100

61 138.9 114.6 171.8

98 65.8 50.8 76.2





#13

Acrolein

Concen: 222.477 ug/l

RT: 3.729 min Scan# 312

Delta R.T. 0.006 min

Lab File: VY017509.D

Acq: 27 Feb 2024 20:10

Instrument :

MSVOA_Y

ClientSampleId :

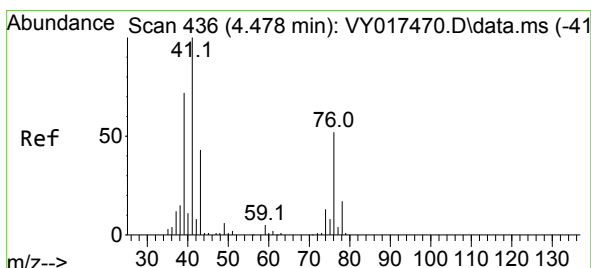
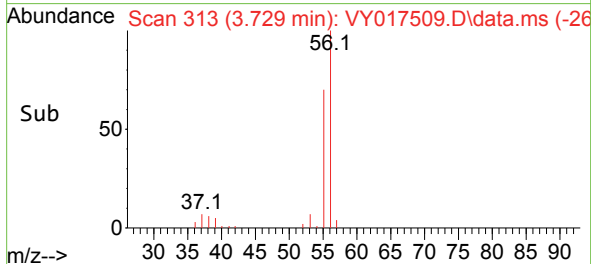
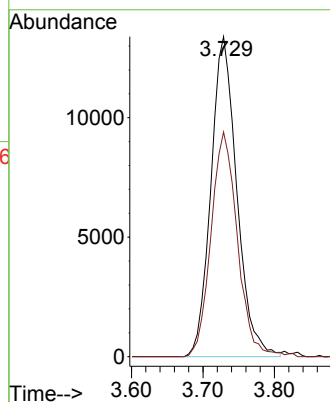
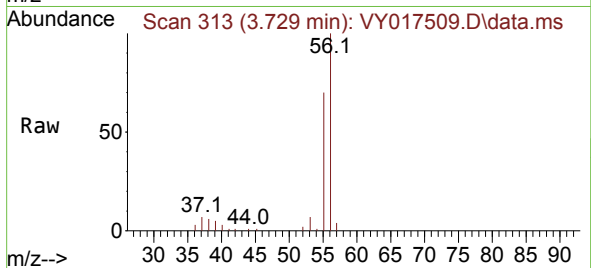
VSTDCCC050EC

Tgt Ion: 56 Resp: 33689

Ion Ratio Lower Upper

56 100

55 71.6 55.7 83.5



#14

Allyl chloride

Concen: 49.877 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY017509.D

Acq: 27 Feb 2024 20:10

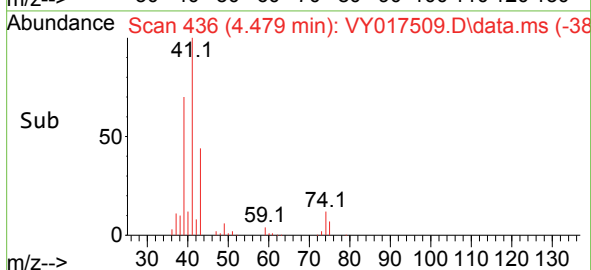
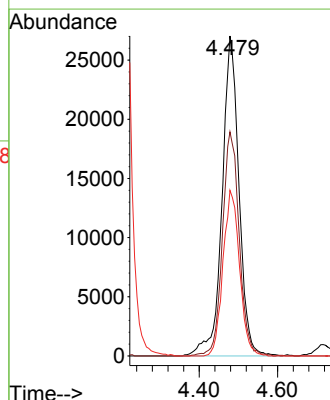
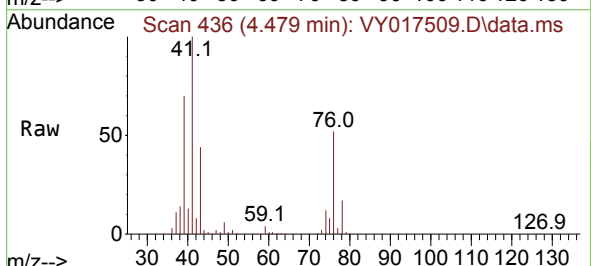
Tgt Ion: 41 Resp: 81159

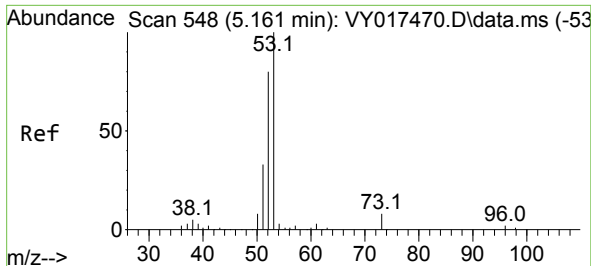
Ion Ratio Lower Upper

41 100

39 69.6 58.3 87.5

76 50.7 39.0 58.6





#15

Acrylonitrile

Concen: 256.333 ug/l

RT: 5.161 min Scan# 54

Delta R.T. 0.000 min

Lab File: VY017509.D

Acq: 27 Feb 2024 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

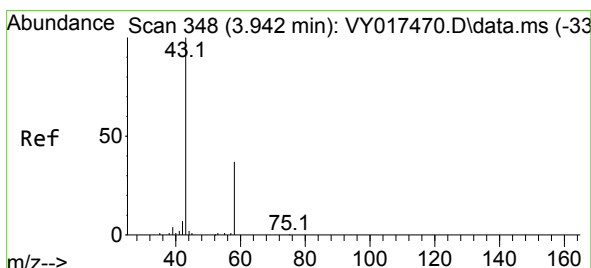
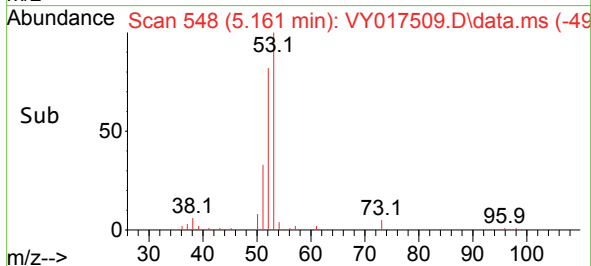
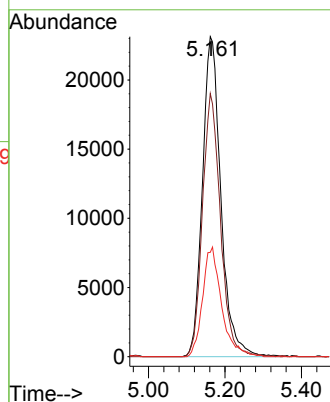
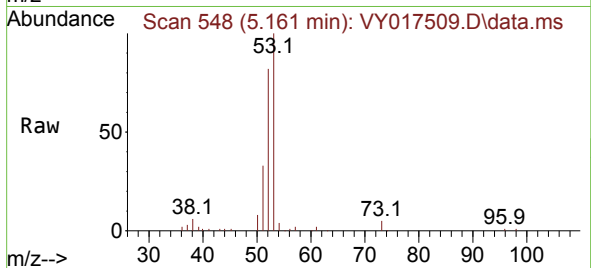
Tgt Ion: 53 Resp: 77643

Ion Ratio Lower Upper

53 100

52 80.3 64.7 97.1

51 35.2 28.4 42.6



#16

Acetone

Concen: 227.930 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.006 min

Lab File: VY017509.D

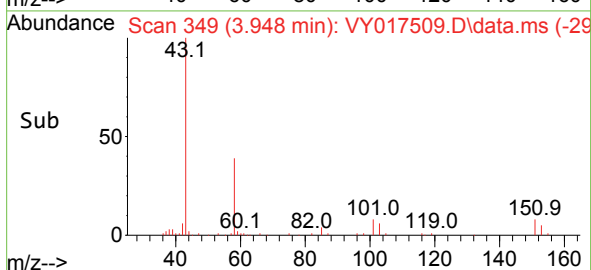
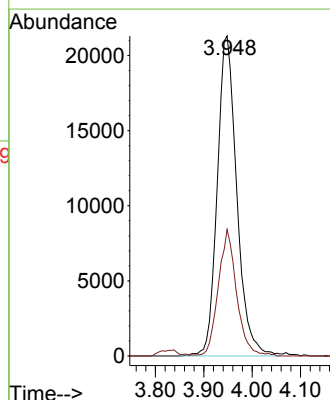
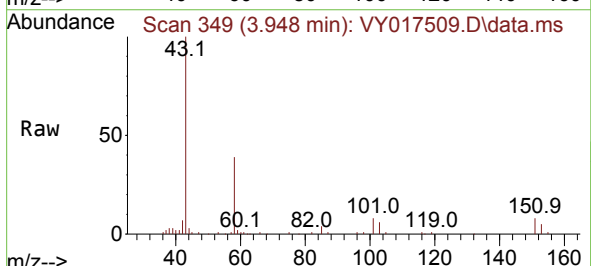
Acq: 27 Feb 2024 20:10

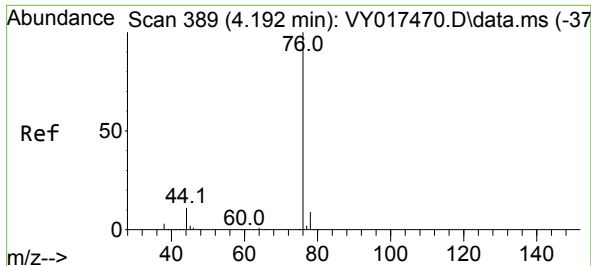
Tgt Ion: 43 Resp: 59729

Ion Ratio Lower Upper

43 100

58 39.5 31.7 47.5

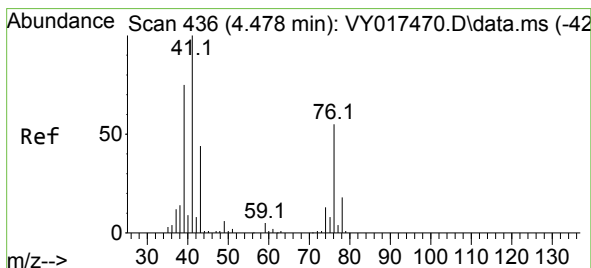
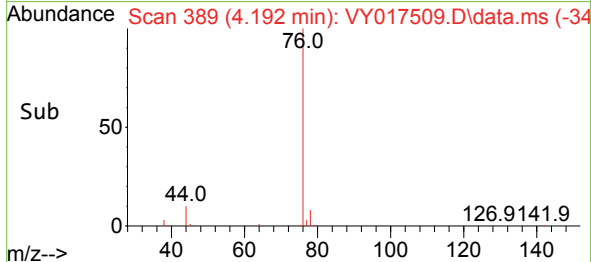
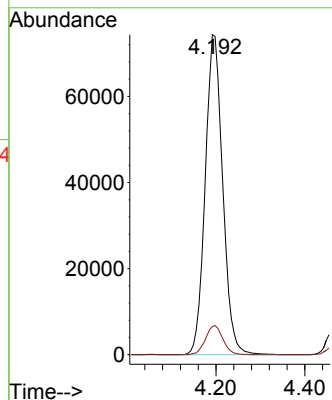
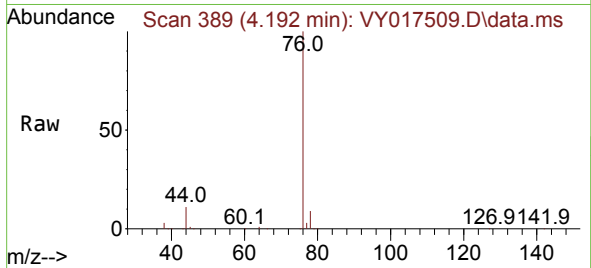




#17
Carbon Disulfide
Concen: 50.403 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY017509.D
Acq: 27 Feb 2024 20:10

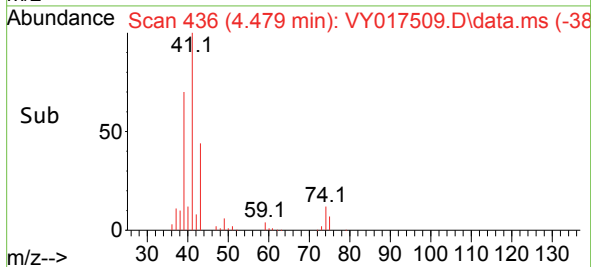
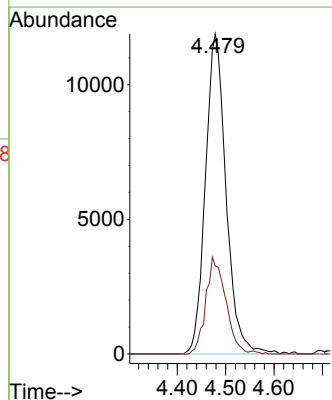
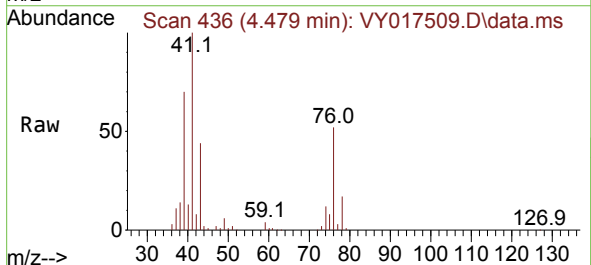
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

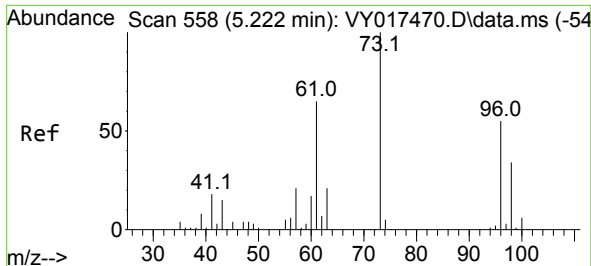
Tgt Ion: 76 Resp: 203735
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2



#18
Methyl Acetate
Concen: 55.418 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY017509.D
Acq: 27 Feb 2024 20:10

Tgt Ion: 43 Resp: 35232
Ion Ratio Lower Upper
43 100
74 29.1 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 51.801 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY017509.D

Acq: 27 Feb 2024 20:10

Instrument :

MSVOA_Y

ClientSampleId :

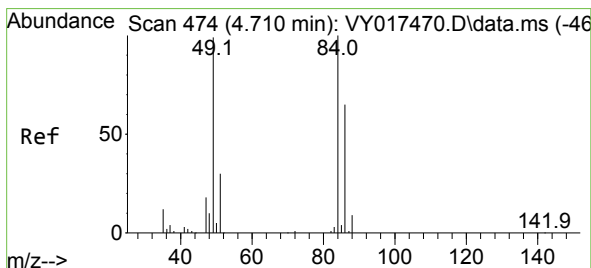
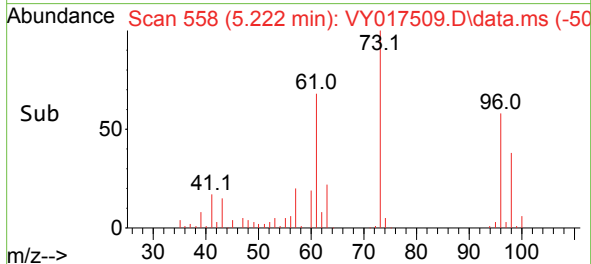
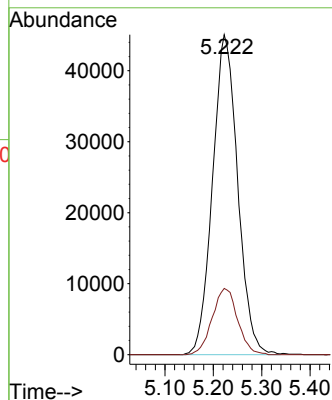
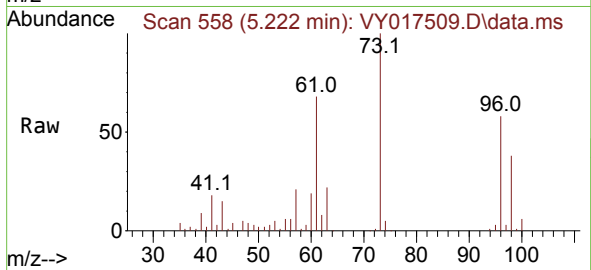
VSTDCCC050EC

Tgt Ion: 73 Resp: 162594

Ion Ratio Lower Upper

73 100

57 20.7 17.3 25.9



#20

Methylene Chloride

Concen: 56.800 ug/l

RT: 4.722 min Scan# 476

Delta R.T. 0.012 min

Lab File: VY017509.D

Acq: 27 Feb 2024 20:10

Tgt Ion: 84 Resp: 86302

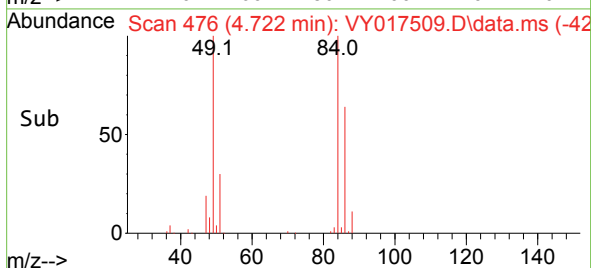
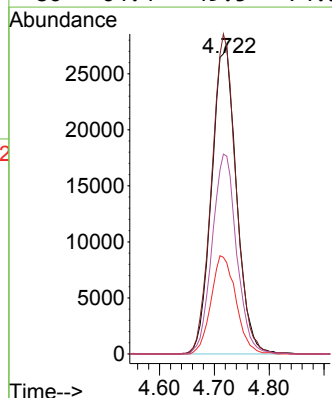
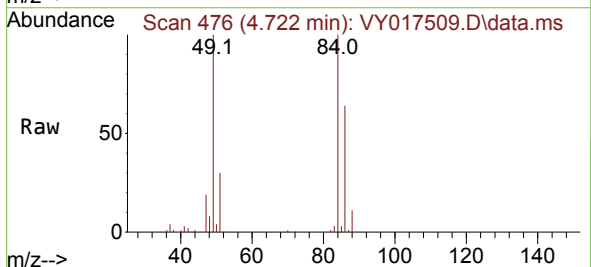
Ion Ratio Lower Upper

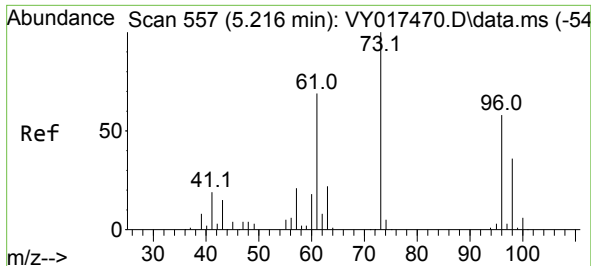
84 100

49 99.7 84.4 126.6

51 29.7 26.0 39.0

86 64.4 49.5 74.3

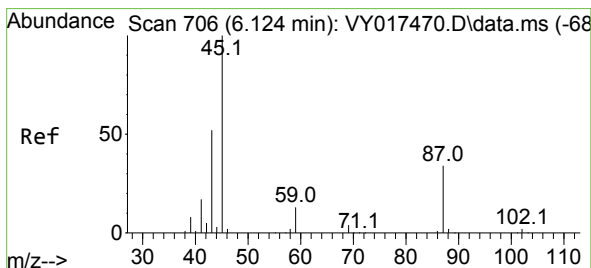
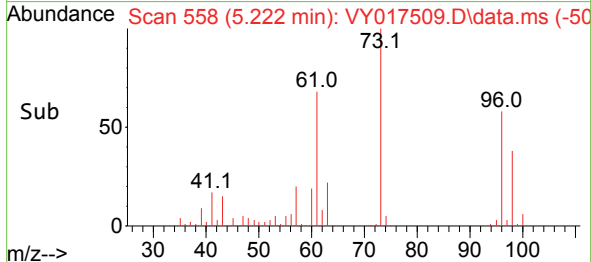
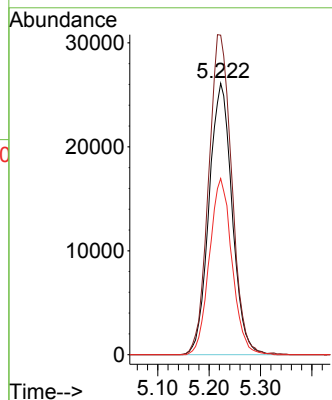
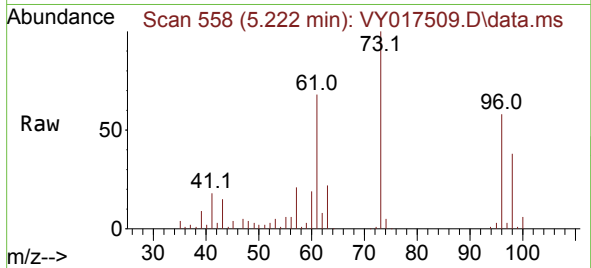




#21
trans-1,2-Dichloroethene
Concen: 51.654 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY017509.D
Acq: 27 Feb 2024 20:10

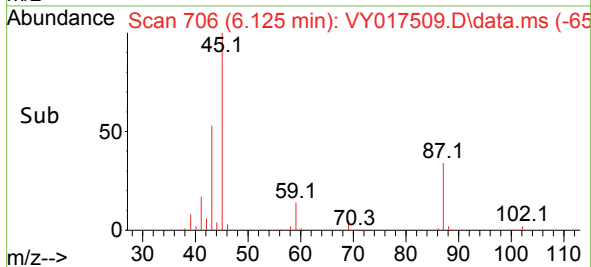
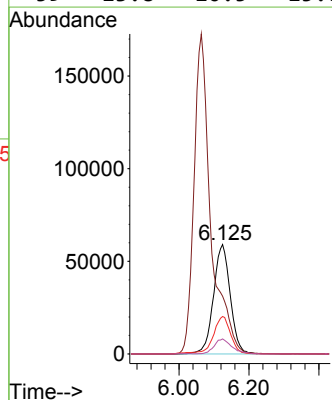
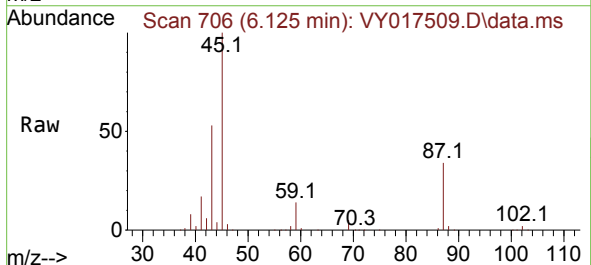
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

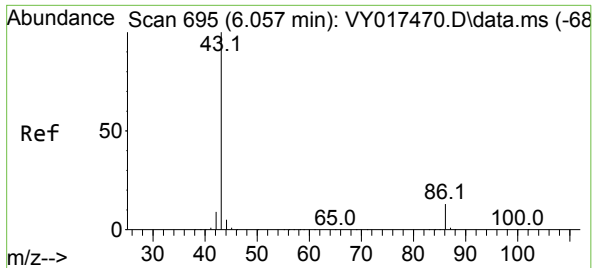
Tgt Ion: 96 Resp: 81447
Ion Ratio Lower Upper
96 100
61 117.8 97.5 146.3
98 64.9 50.5 75.7



#22
Diisopropyl ether
Concen: 52.395 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY017509.D
Acq: 27 Feb 2024 20:10

Tgt Ion: 45 Resp: 196737
Ion Ratio Lower Upper
45 100
43 52.6 42.2 63.2
87 34.2 25.0 37.6
59 13.8 10.5 15.7

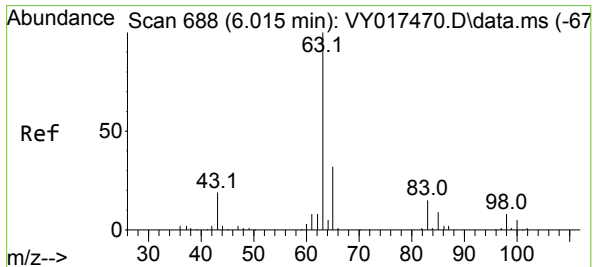
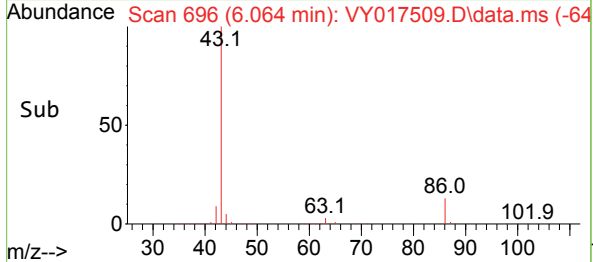
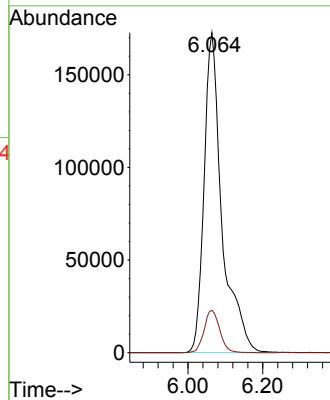
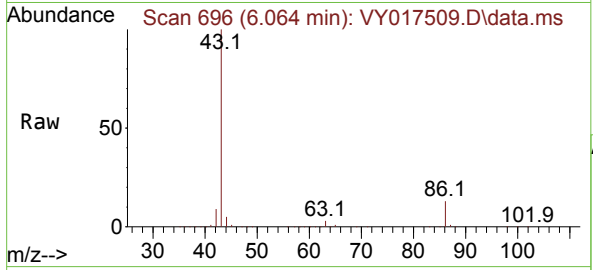




#23
 Vinyl Acetate
 Concen: 256.995 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY017509.D
 Acq: 27 Feb 2024 20:10

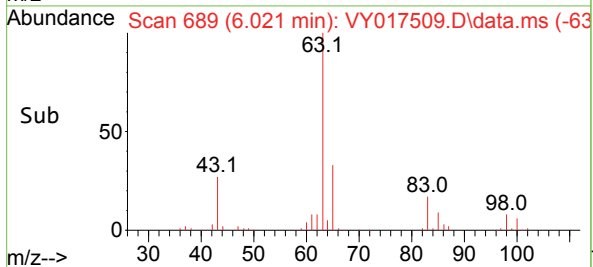
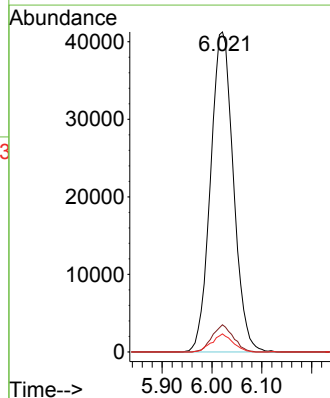
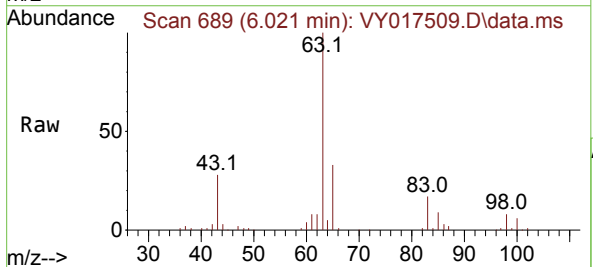
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

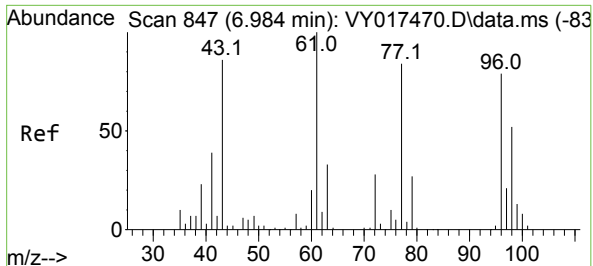
Tgt Ion: 43 Resp: 575027
 Ion Ratio Lower Upper
 43 100
 86 13.3 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 51.249 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY017509.D
 Acq: 27 Feb 2024 20:10

Tgt Ion: 63 Resp: 131469
 Ion Ratio Lower Upper
 63 100
 98 8.5 4.0 12.2
 100 5.6 2.6 8.0





#25

2-Butanone

Concen: 245.264 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY017509.D

Acq: 27 Feb 2024 20:10

Instrument :

MSVOA_Y

ClientSampleId :

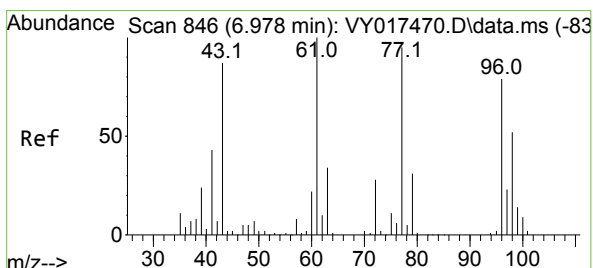
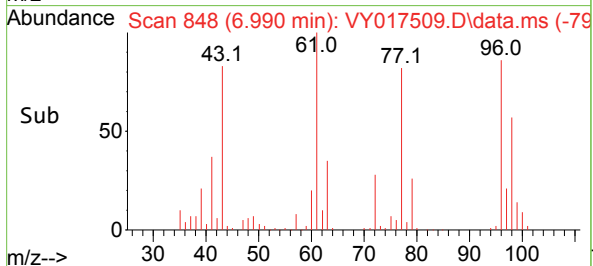
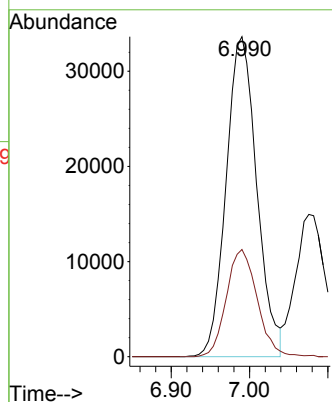
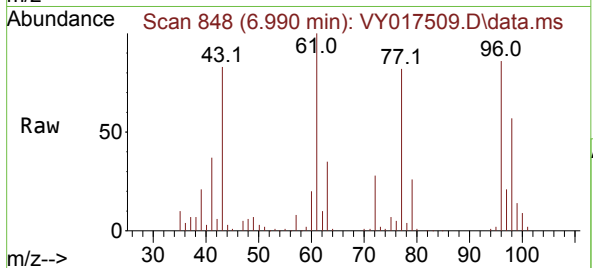
VSTDC050EC

Tgt Ion: 43 Resp: 91595

Ion Ratio Lower Upper

43 100

72 33.5 27.3 40.9



#26

2,2-Dichloropropane

Concen: 47.393 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY017509.D

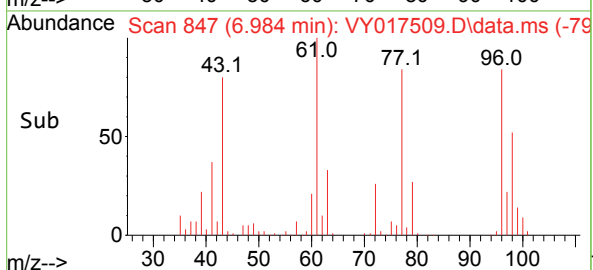
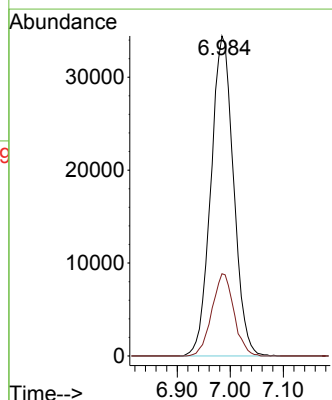
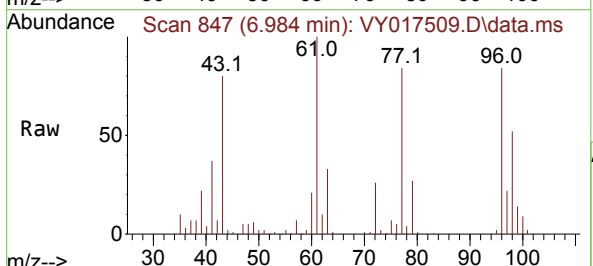
Acq: 27 Feb 2024 20:10

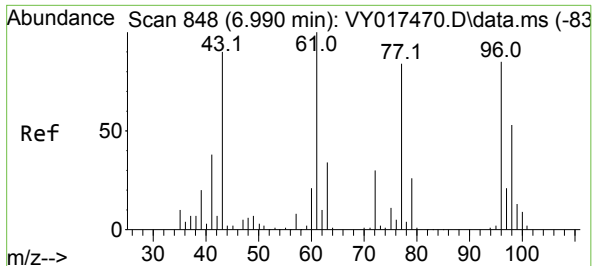
Tgt Ion: 77 Resp: 102216

Ion Ratio Lower Upper

77 100

97 25.0 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 53.081 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY017509.D

Acq: 27 Feb 2024 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

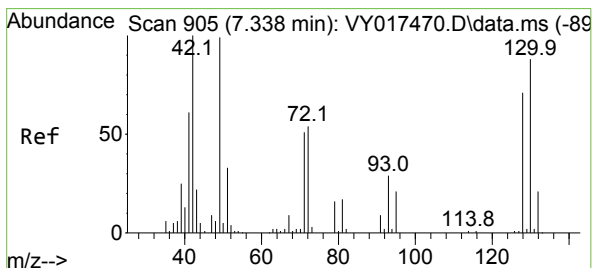
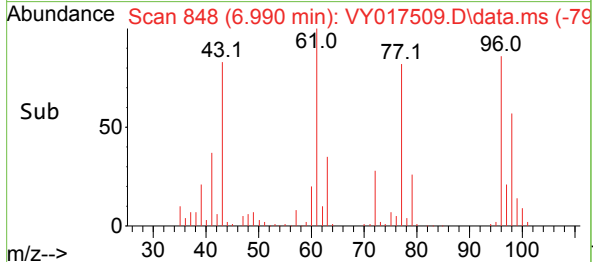
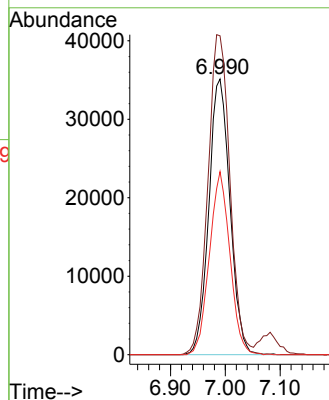
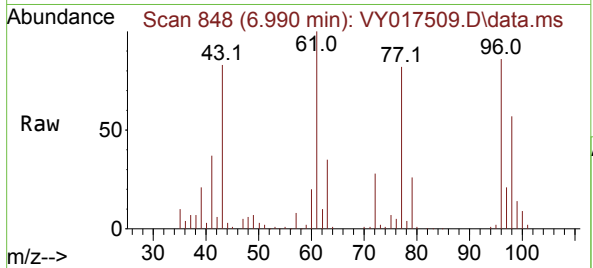
Tgt Ion: 96 Resp: 93973

Ion Ratio Lower Upper

96 100

61 120.9 0.0 256.2

98 64.4 0.0 130.0



#28

Bromochloromethane

Concen: 52.545 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY017509.D

Acq: 27 Feb 2024 20:10

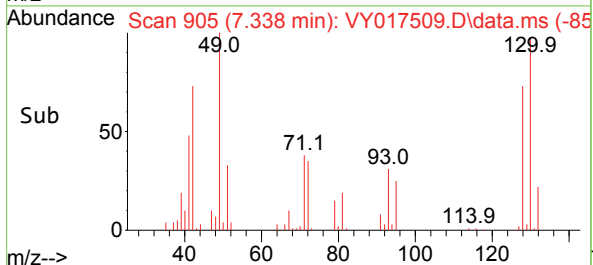
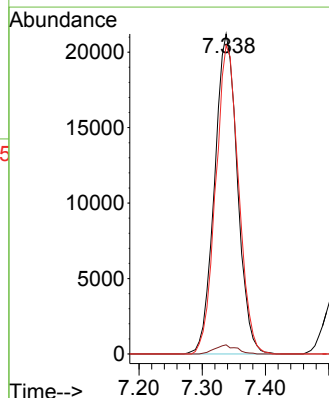
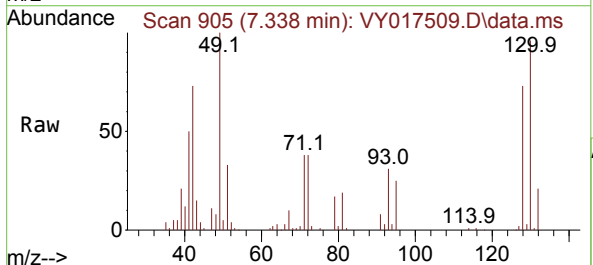
Tgt Ion: 49 Resp: 53086

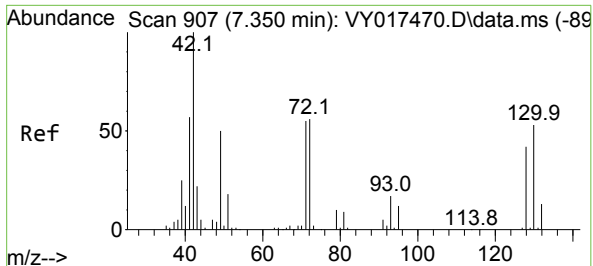
Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.6

130 96.6 72.7 109.1





#29

Tetrahydrofuran

Concen: 263.476 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY017509.D

Acq: 27 Feb 2024 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

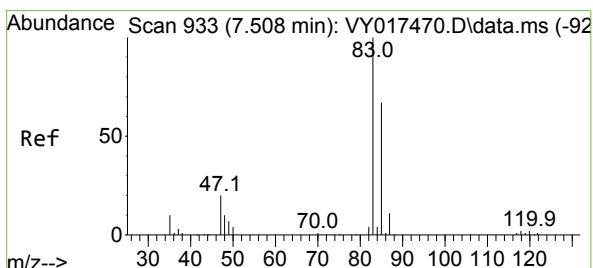
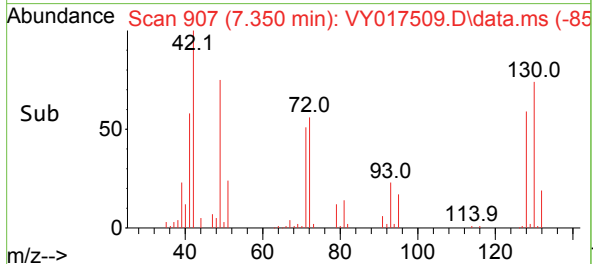
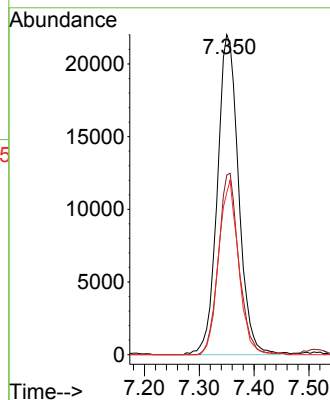
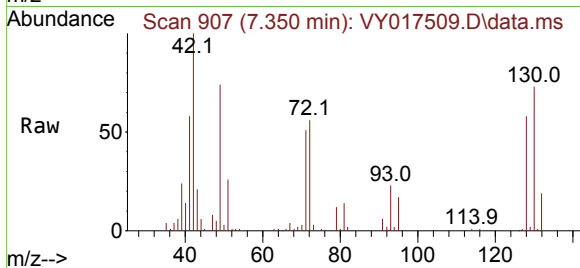
Tgt Ion: 42 Resp: 59314

Ion Ratio Lower Upper

42 100

72 54.7 43.0 64.4

71 51.3 40.8 61.2



#30

Chloroform

Concen: 52.547 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY017509.D

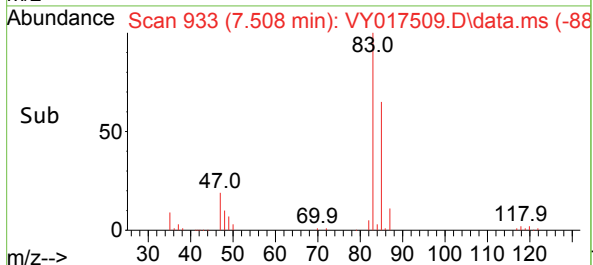
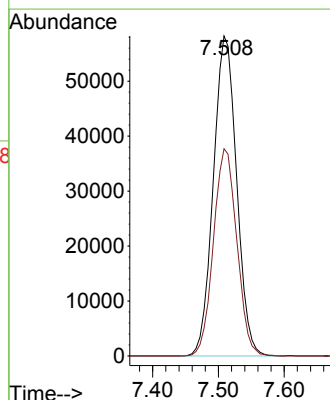
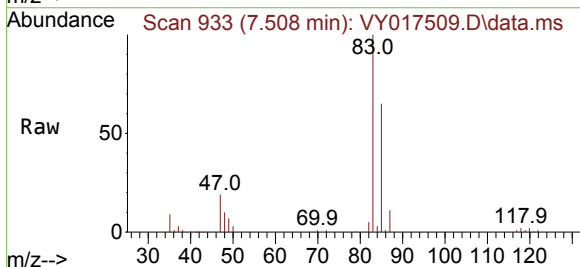
Acq: 27 Feb 2024 20:10

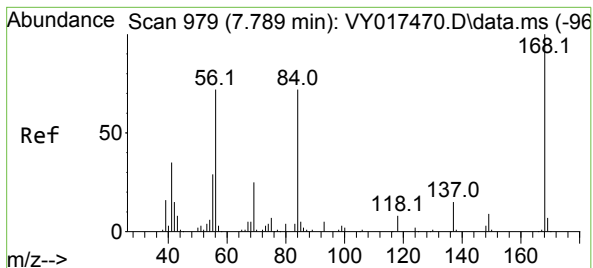
Tgt Ion: 83 Resp: 143514

Ion Ratio Lower Upper

83 100

85 64.7 52.2 78.4





#31

Cyclohexane

Concen: 48.453 ug/l

RT: 7.789 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY017509.D

Acq: 27 Feb 2024 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

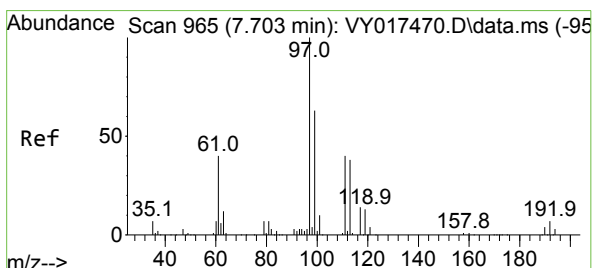
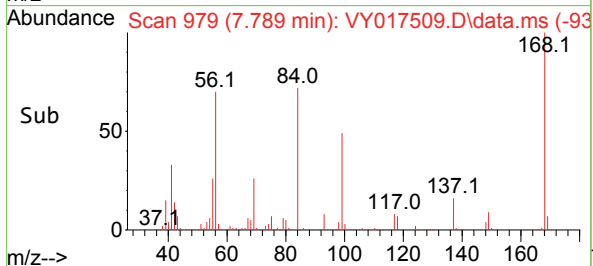
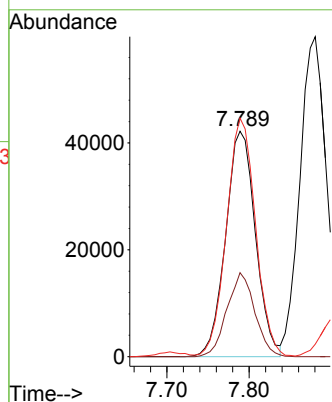
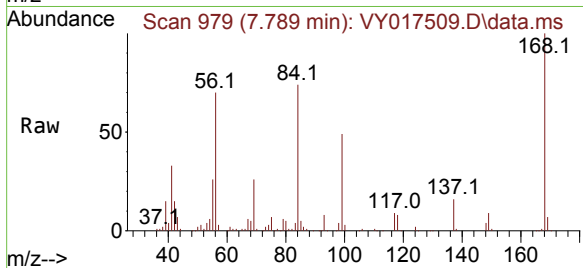
Tgt Ion: 56 Resp: 106534

Ion Ratio Lower Upper

56 100

69 37.3 28.7 43.1

84 104.5 77.7 116.5



#32

1,1,1-Trichloroethane

Concen: 52.106 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY017509.D

Acq: 27 Feb 2024 20:10

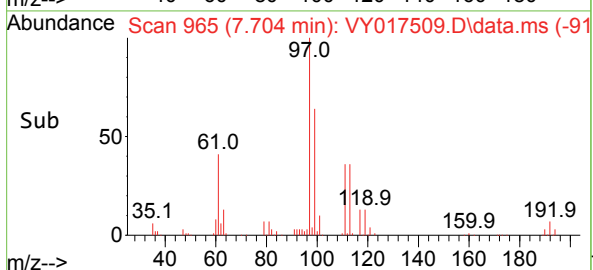
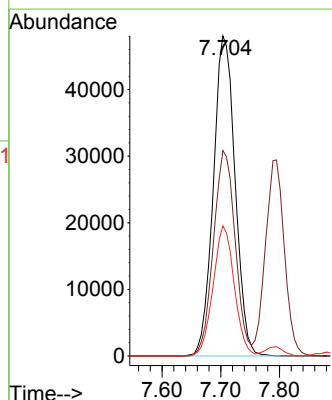
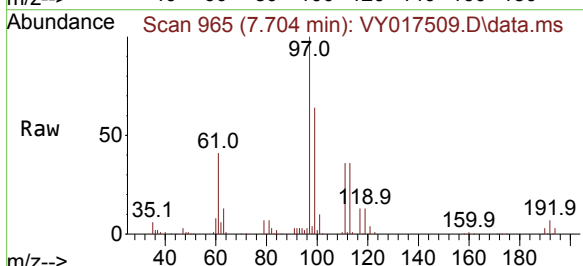
Tgt Ion: 97 Resp: 123551

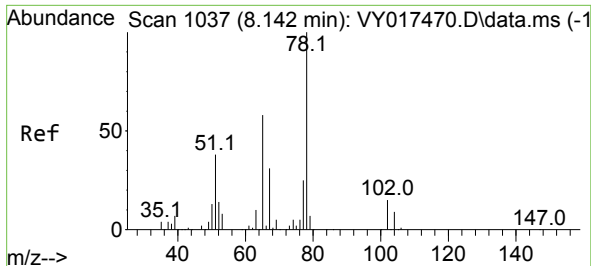
Ion Ratio Lower Upper

97 100

99 64.3 50.3 75.5

61 39.5 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 49.825 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY017509.D

Acq: 27 Feb 2024 20:10

Instrument :

MSVOA_Y

ClientSampleId :

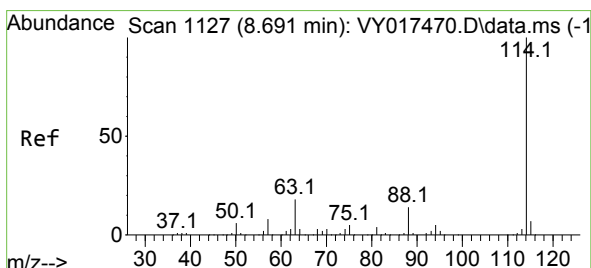
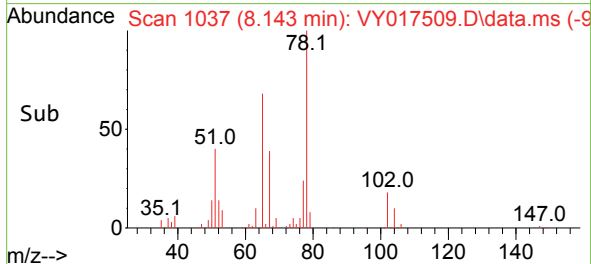
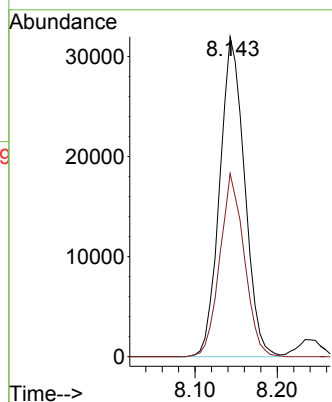
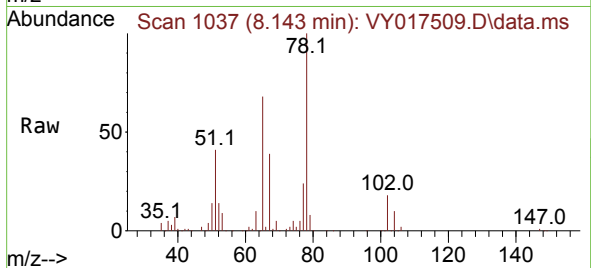
VSTDCCC050EC

Tgt Ion: 65 Resp: 67317

Ion Ratio Lower Upper

65 100

67 56.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017509.D

Acq: 27 Feb 2024 20:10

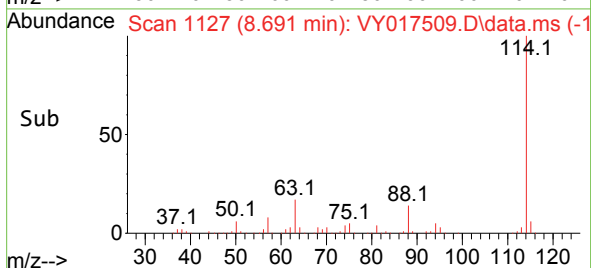
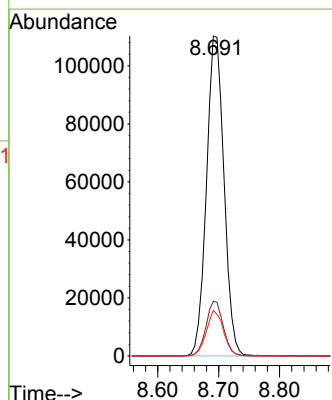
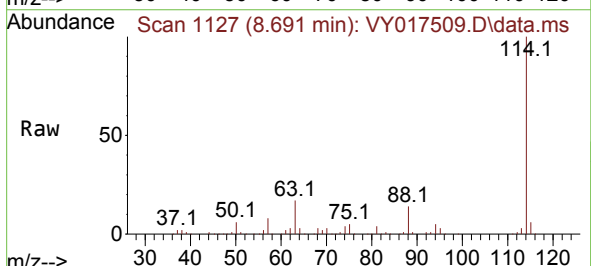
Tgt Ion: 114 Resp: 220139

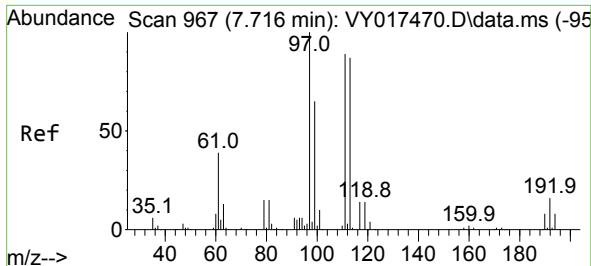
Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

88 14.2 0.0 27.2

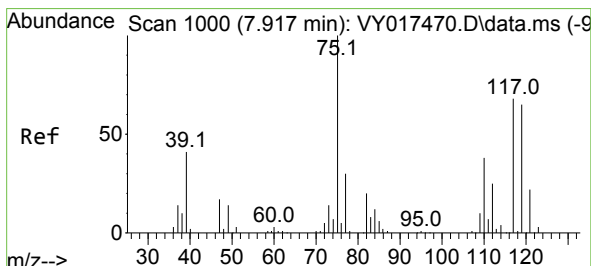
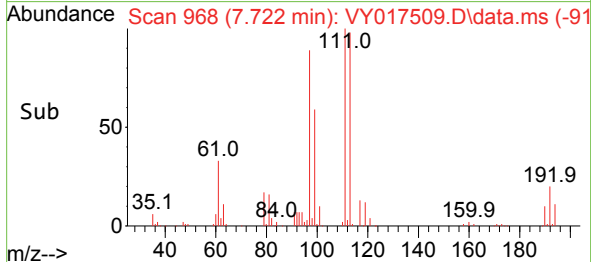
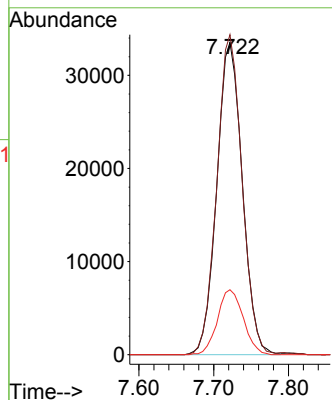
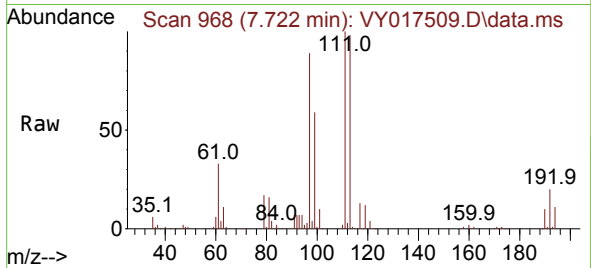




#35
Dibromofluoromethane
Concen: 51.900 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017509.D
Acq: 27 Feb 2024 20:10

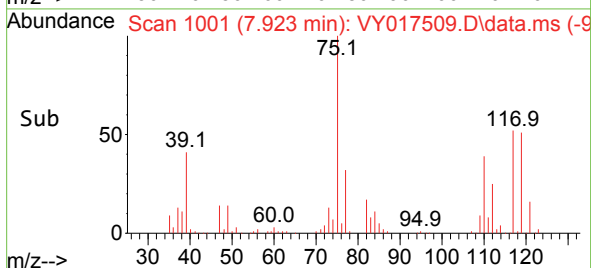
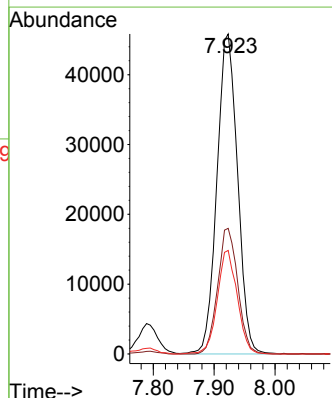
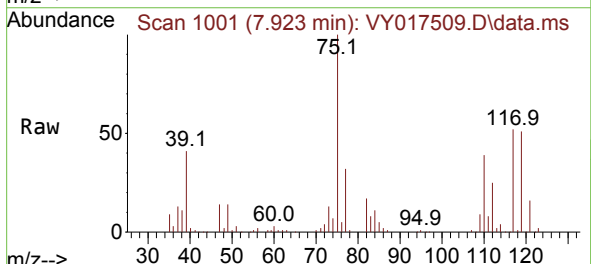
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

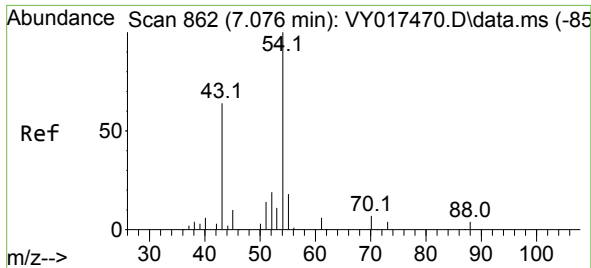
Tgt Ion:113 Resp: 79614
Ion Ratio Lower Upper
113 100
111 101.0 82.2 123.4
192 21.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 52.211 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY017509.D
Acq: 27 Feb 2024 20:10

Tgt Ion: 75 Resp: 108061
Ion Ratio Lower Upper
75 100
110 38.3 19.0 57.0
77 31.3 25.3 37.9

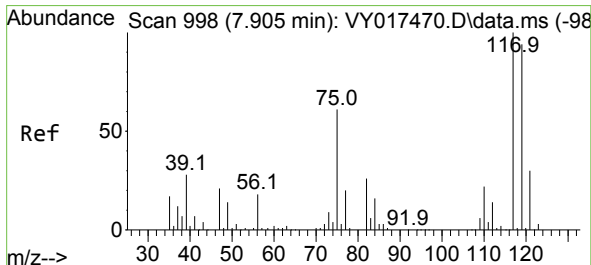
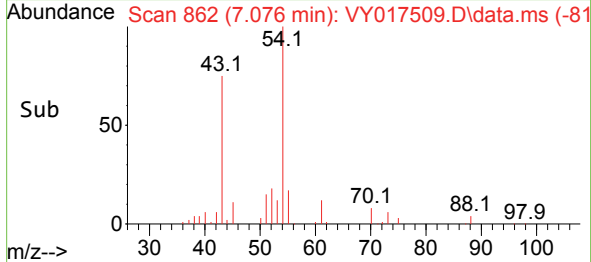
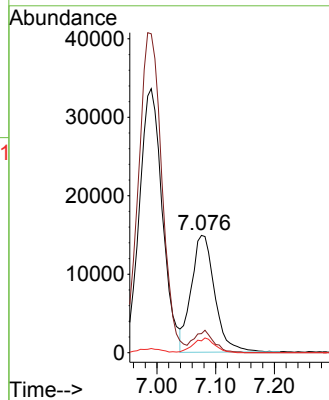
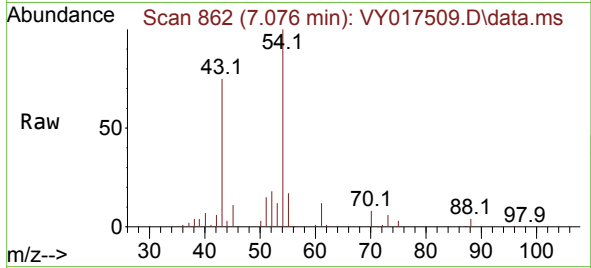




#37
Ethyl Acetate
Concen: 50.392 ug/l
RT: 7.076 min Scan# 862
Delta R.T. 0.000 min
Lab File: VY017509.D
Acq: 27 Feb 2024 20:10

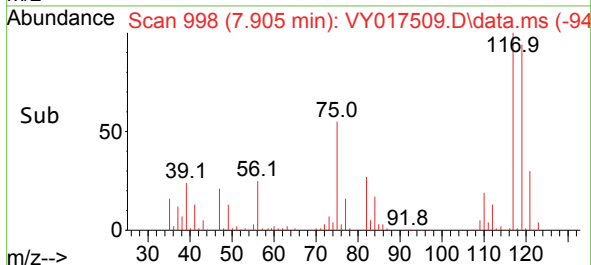
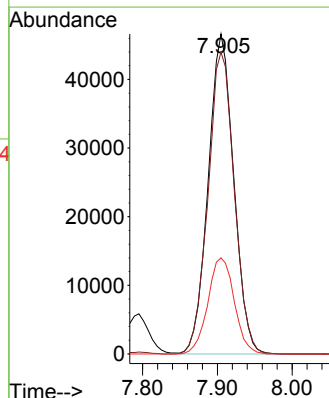
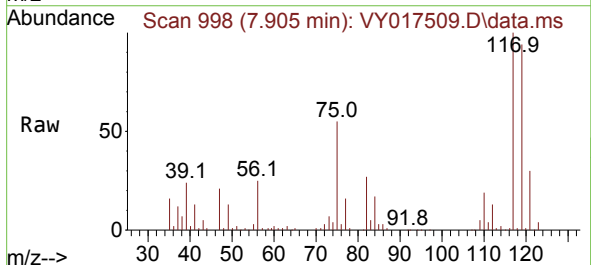
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

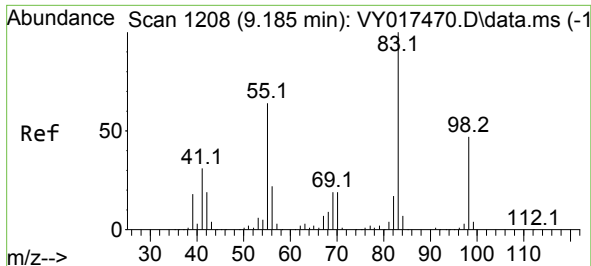
Tgt Ion:	43	Resp:	41193
Ion	Ratio	Lower	Upper
43	100		
61	16.0	12.6	19.0
70	11.4	7.8	11.8



#38
Carbon Tetrachloride
Concen: 53.238 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY017509.D
Acq: 27 Feb 2024 20:10

Tgt Ion:	117	Resp:	110431
Ion	Ratio	Lower	Upper
117	100		
119	94.3	75.8	113.6
121	30.0	24.0	36.0

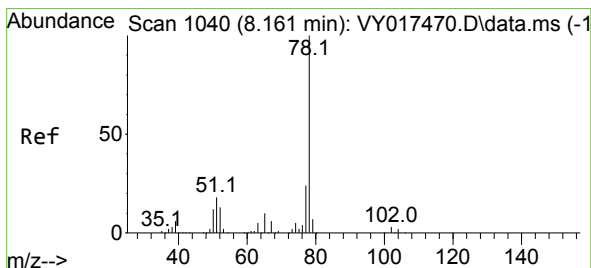
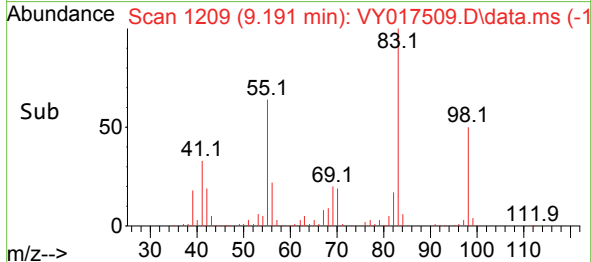
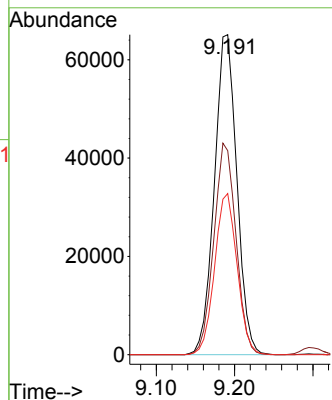
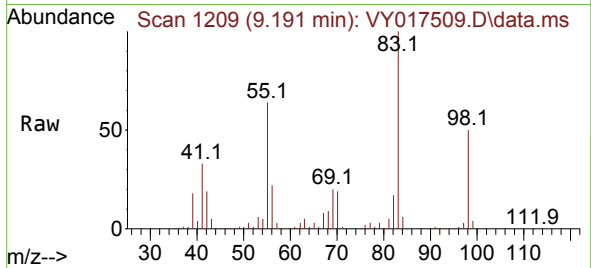




#39
Methylcyclohexane
Concen: 52.262 ug/l
RT: 9.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017509.D
Acq: 27 Feb 2024 20:10

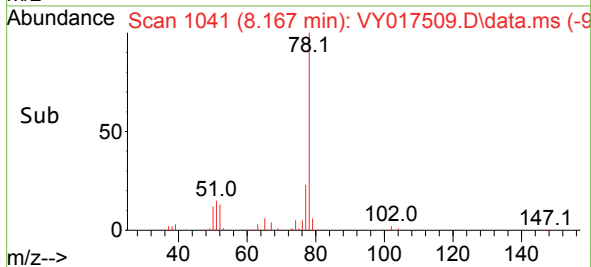
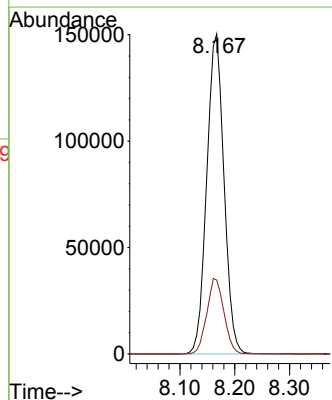
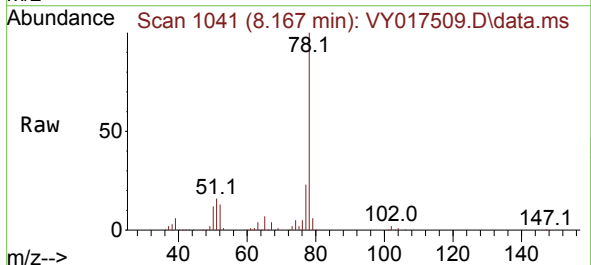
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

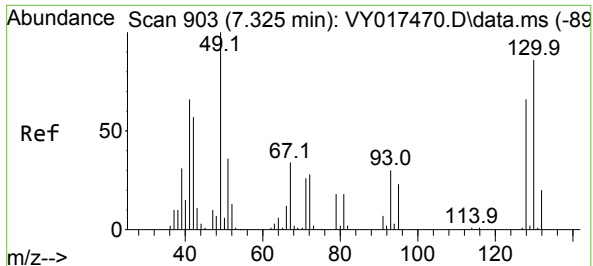
Tgt Ion: 83 Resp: 129993
Ion Ratio Lower Upper
83 100
55 63.7 51.5 77.3
98 50.4 40.5 60.7



#40
Benzene
Concen: 53.248 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY017509.D
Acq: 27 Feb 2024 20:10

Tgt Ion: 78 Resp: 327286
Ion Ratio Lower Upper
78 100
77 23.1 19.5 29.3

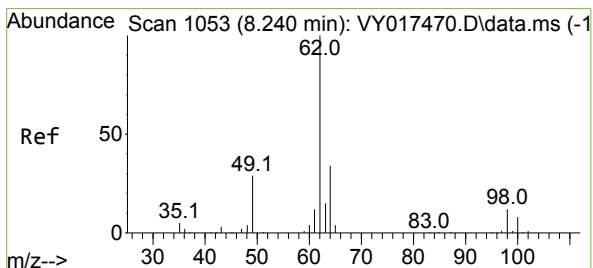
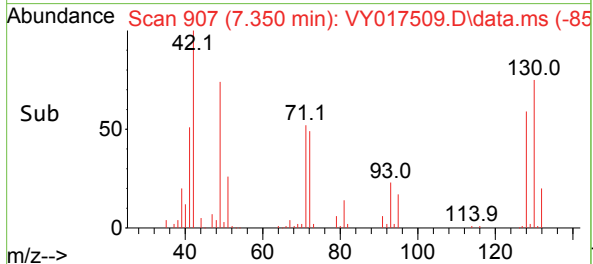
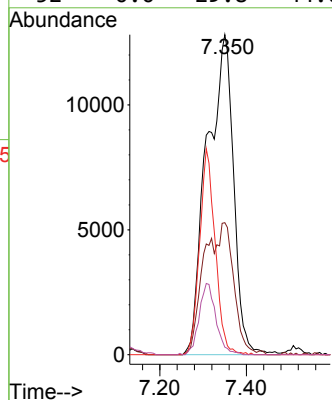
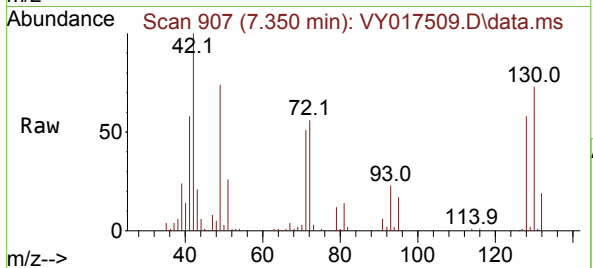




#41
Methacrylonitrile
Concen: 133.029 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.024 min
Lab File: VY017509.D
Acq: 27 Feb 2024 20:10

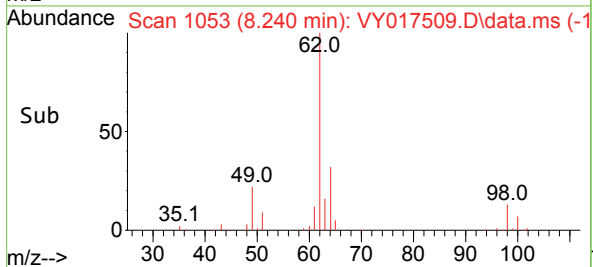
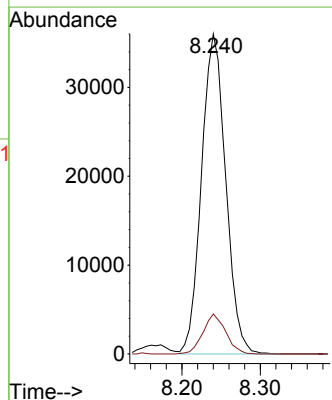
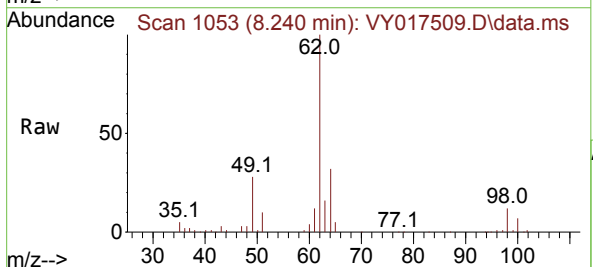
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

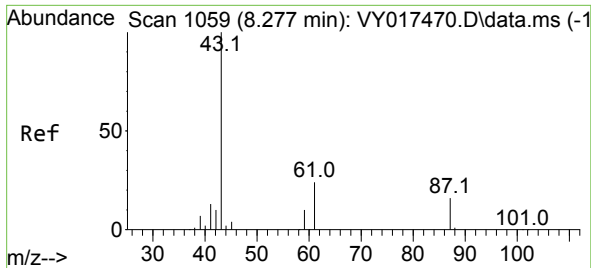
Tgt Ion: 41 Resp: 54570
Ion Ratio Lower Upper
41 100
39 0.0 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 51.556 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY017509.D
Acq: 27 Feb 2024 20:10

Tgt Ion: 62 Resp: 77316
Ion Ratio Lower Upper
62 100
98 11.7 0.0 22.0

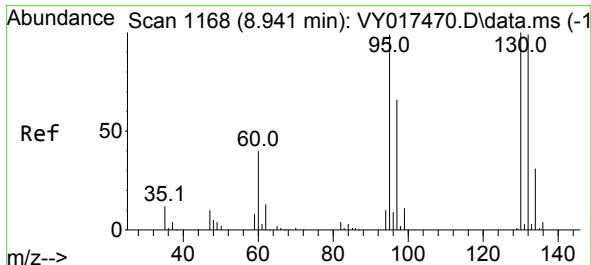
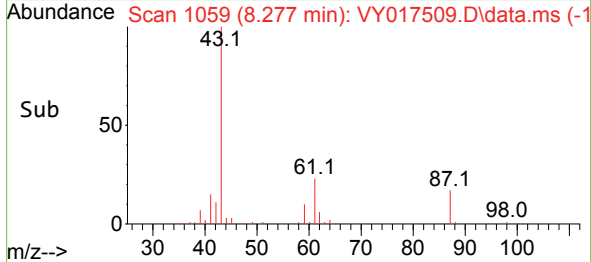
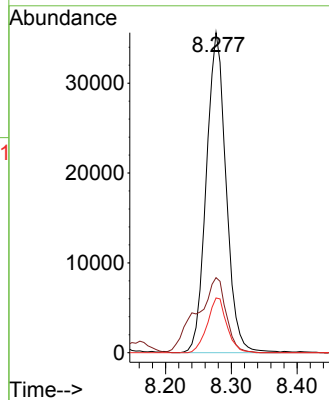
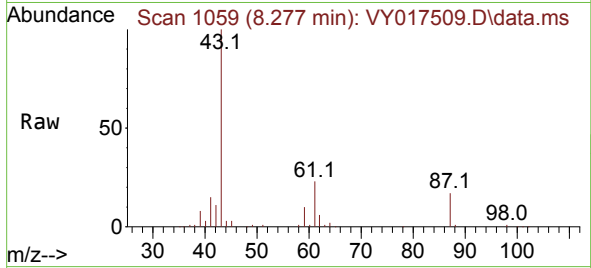




#43
Isopropyl Acetate
Concen: 51.841 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY017509.D
Acq: 27 Feb 2024 20:10

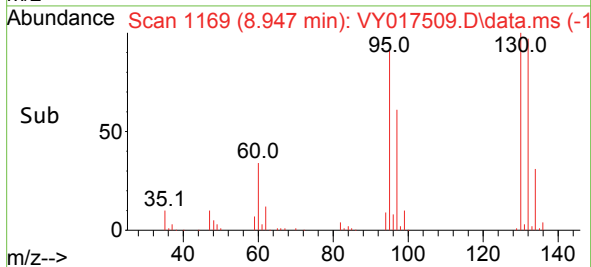
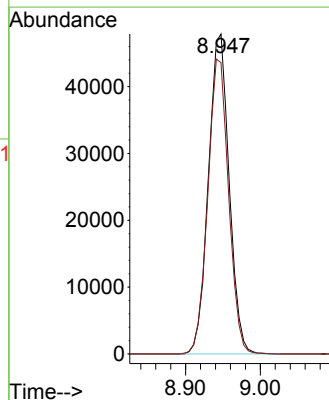
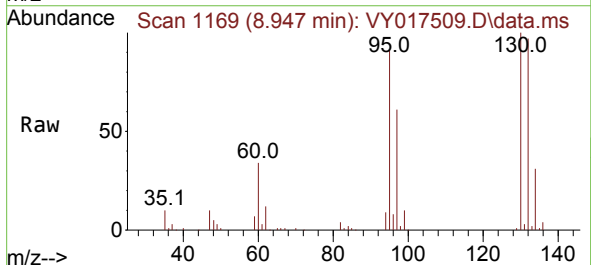
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

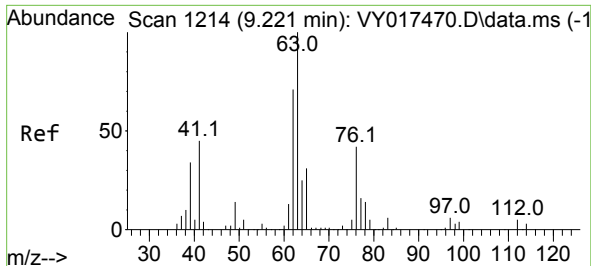
Tgt Ion: 43	Resp: 74468
Ion Ratio	Lower Upper
43 100	
61 34.4	27.9 41.9
87 16.9	13.1 19.7



#44
Trichloroethene
Concen: 52.138 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY017509.D
Acq: 27 Feb 2024 20:10

Tgt	Ion:130	Resp:	92367
Ion	Ratio	Lower	Upper
130	100		
95	91.0	0.0	188.0





#45

1,2-Dichloropropane

Concen: 52.077 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VY017509.D

Acq: 27 Feb 2024 20:10

Instrument :

MSVOA_Y

ClientSampleId :

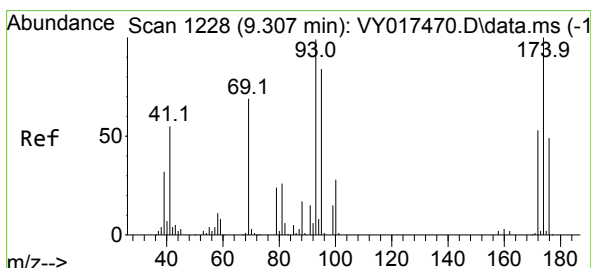
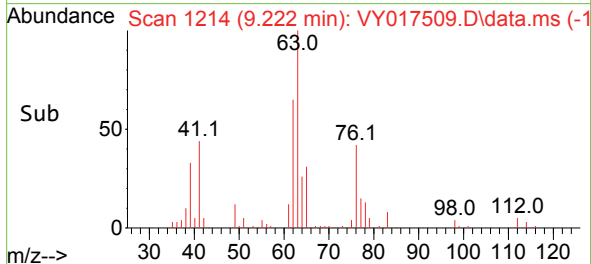
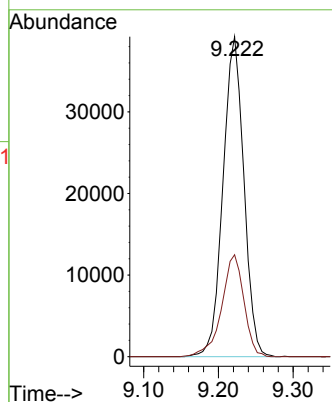
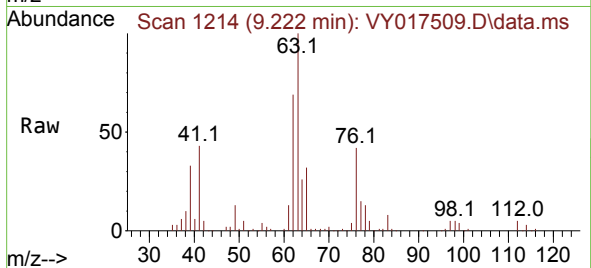
VSTDCCC050EC

Tgt Ion: 63 Resp: 76154

Ion Ratio Lower Upper

63 100

65 31.9 25.4 38.2



#46

Dibromomethane

Concen: 52.585 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY017509.D

Acq: 27 Feb 2024 20:10

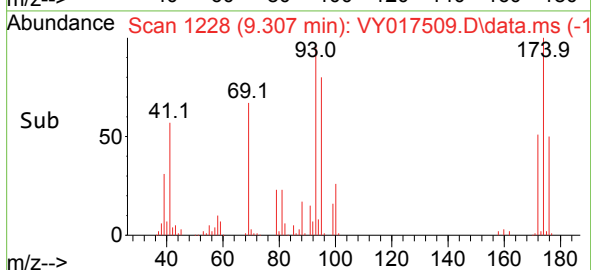
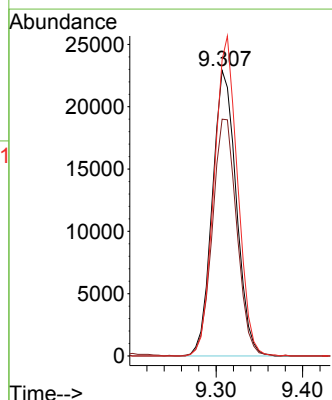
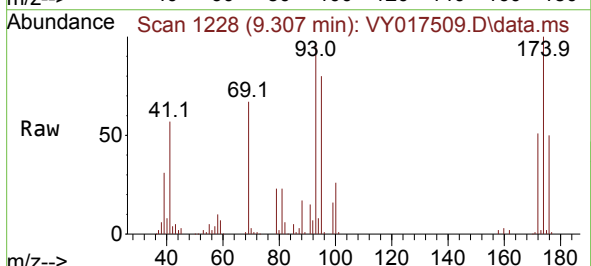
Tgt Ion: 93 Resp: 44008

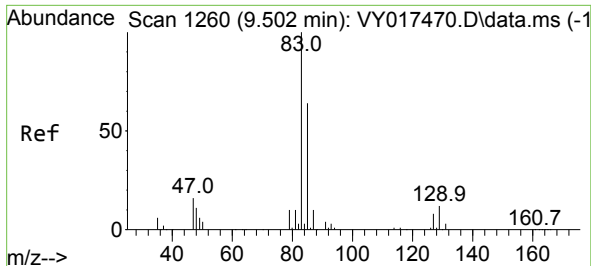
Ion Ratio Lower Upper

93 100

95 84.4 66.2 99.4

174 109.5 80.9 121.3

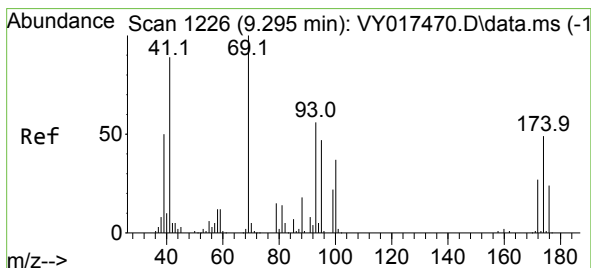
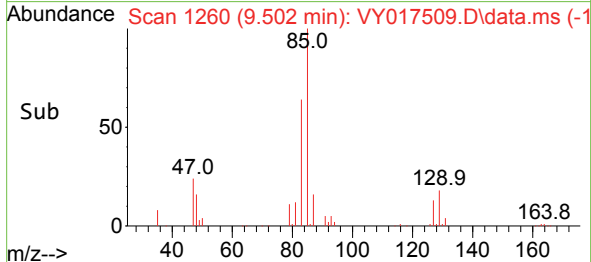
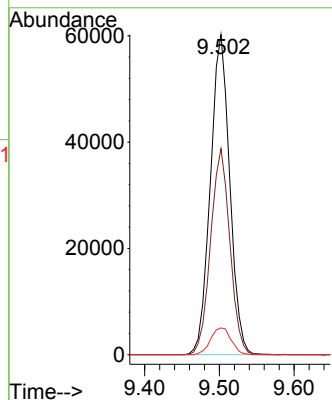
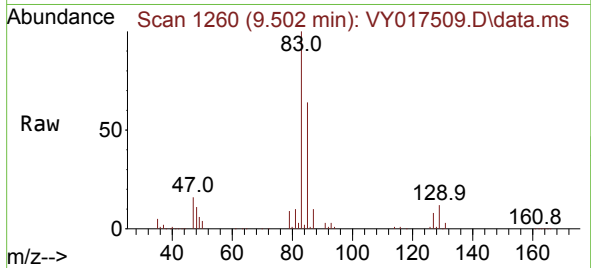




#47
Bromodichloromethane
Concen: 53.260 ug/l
RT: 9.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017509.D
Acq: 27 Feb 2024 20:10

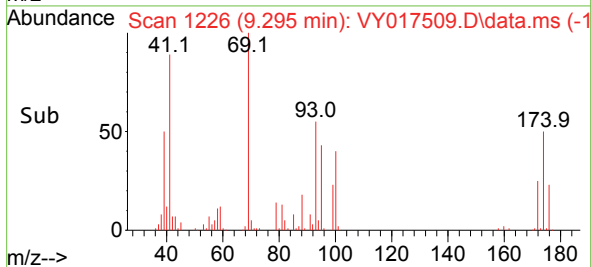
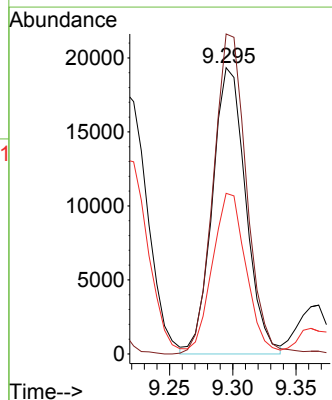
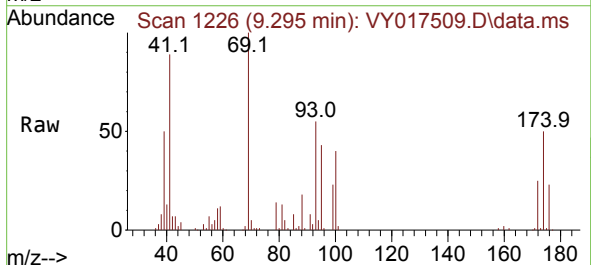
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

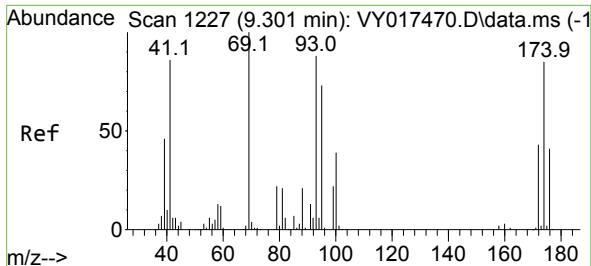
Tgt Ion: 83 Resp: 108227
Ion Ratio Lower Upper
83 100
85 64.4 50.1 75.1
127 8.4 7.4 11.0



#48
Methyl methacrylate
Concen: 53.405 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY017509.D
Acq: 27 Feb 2024 20:10

Tgt Ion: 41 Resp: 35510
Ion Ratio Lower Upper
41 100
69 111.5 84.1 126.1
39 53.5 43.6 65.4





#49

1,4-Dioxane

Concen: 1036.079 ug/l

RT: 9.301 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017509.D

Acq: 27 Feb 2024 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

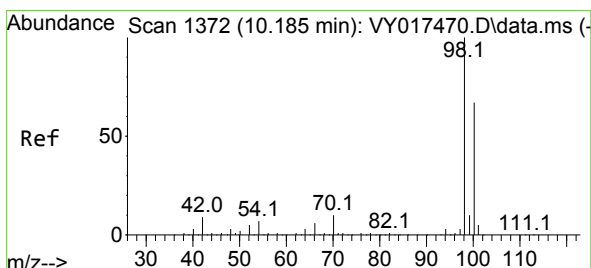
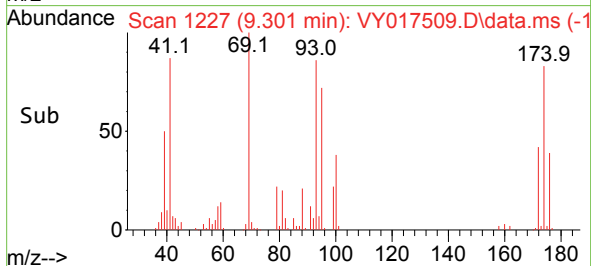
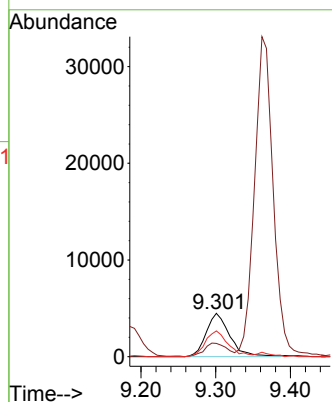
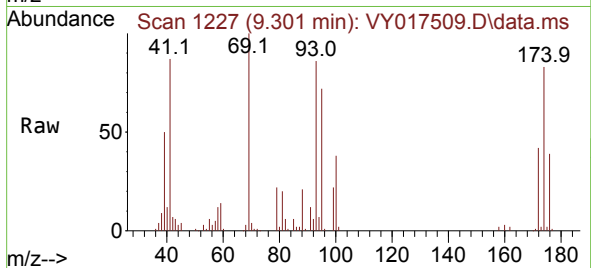
Tgt Ion: 88 Resp: 9813

Ion Ratio Lower Upper

88 100

43 30.2 0.0 0.0#

58 58.0 49.3 73.9



#50

Toluene-d8

Concen: 56.099 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017509.D

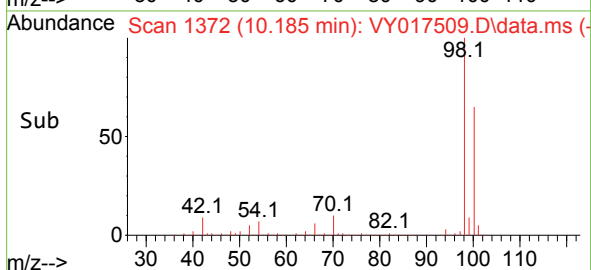
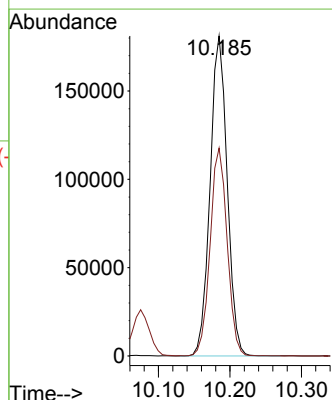
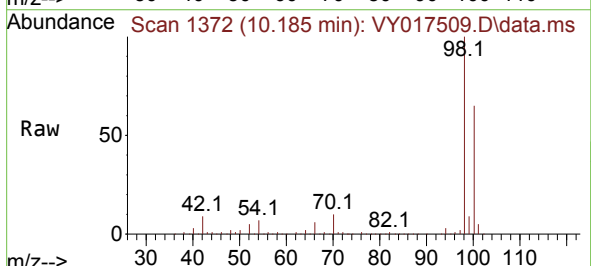
Acq: 27 Feb 2024 20:10

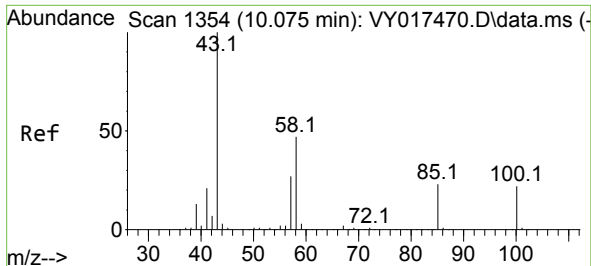
Tgt Ion: 98 Resp: 300885

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0

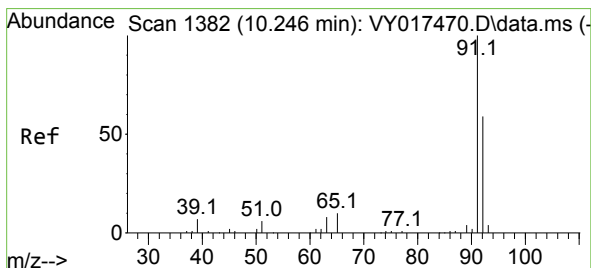
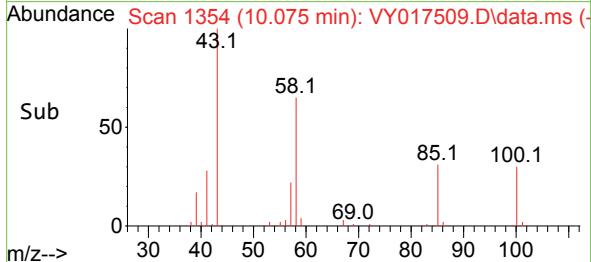
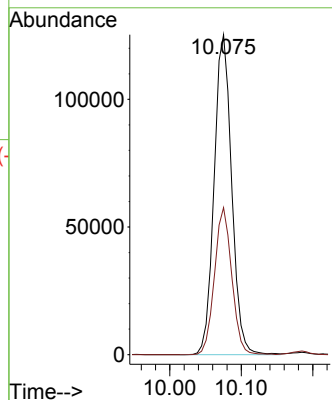
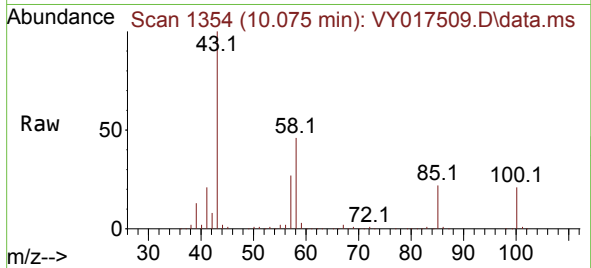




#51
4-Methyl-2-Pentanone
Concen: 266.763 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY017509.D
Acq: 27 Feb 2024 20:10

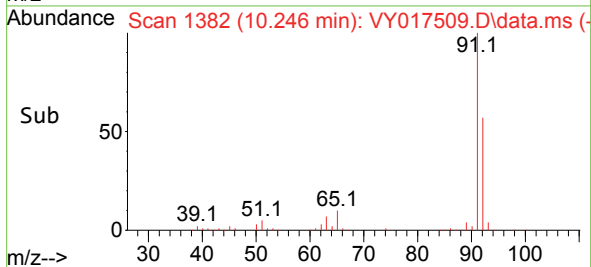
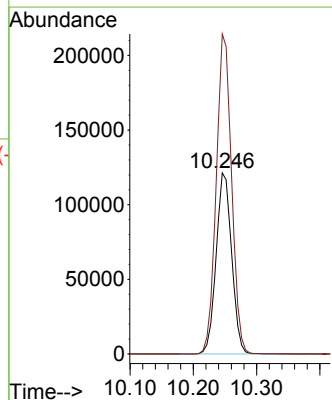
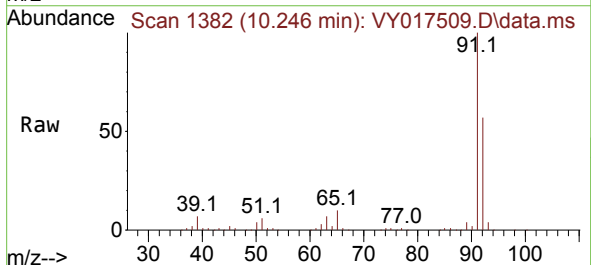
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

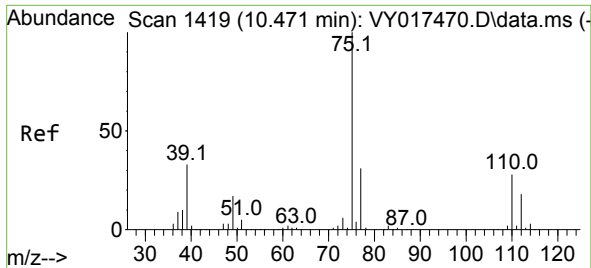
Tgt Ion: 43 Resp: 213569
Ion Ratio Lower Upper
43 100
58 45.3 35.7 53.5



#52
Toluene
Concen: 53.156 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY017509.D
Acq: 27 Feb 2024 20:10

Tgt Ion: 92 Resp: 205970
Ion Ratio Lower Upper
92 100
91 175.1 139.0 208.6

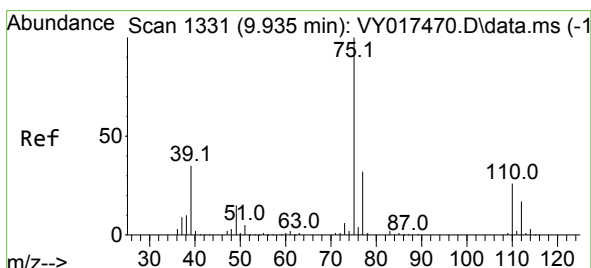
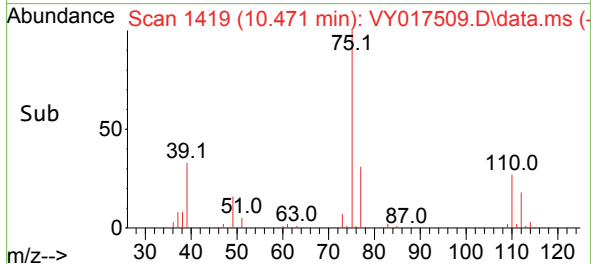
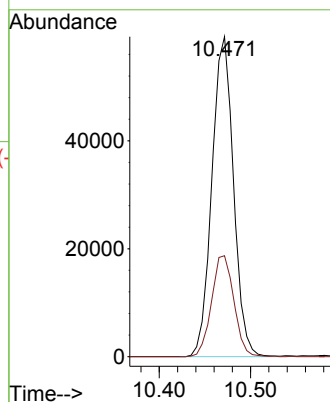
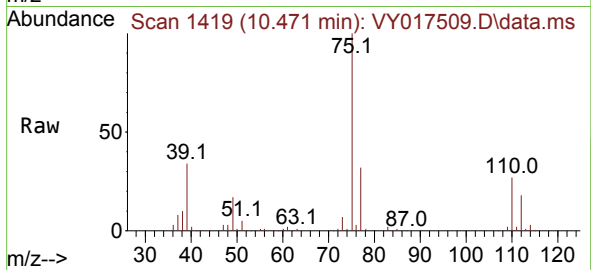




#53
 t-1,3-Dichloropropene
 Concen: 51.499 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY017509.D
 Acq: 27 Feb 2024 20:10

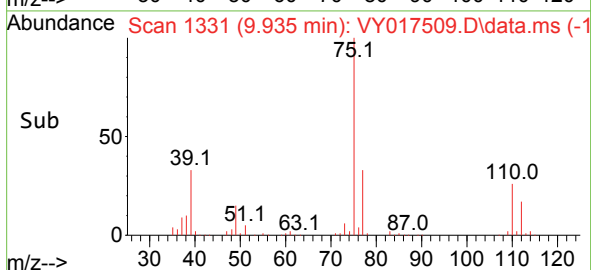
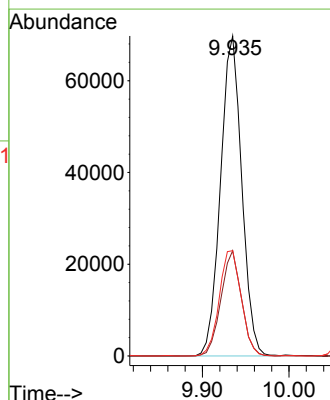
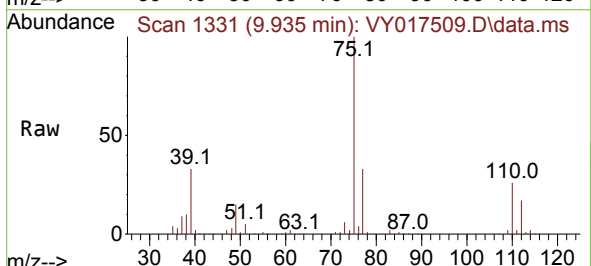
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

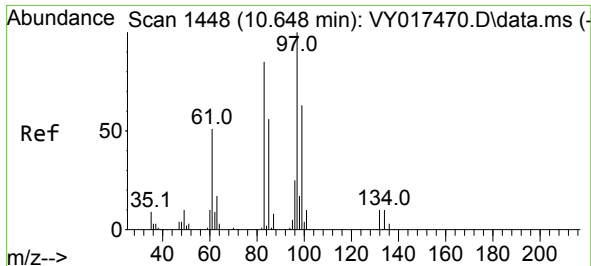
Tgt Ion: 75 Resp: 97133
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 51.818 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.000 min
 Lab File: VY017509.D
 Acq: 27 Feb 2024 20:10

Tgt Ion: 75 Resp: 118756
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.4 38.0
 39 32.9 29.8 44.6

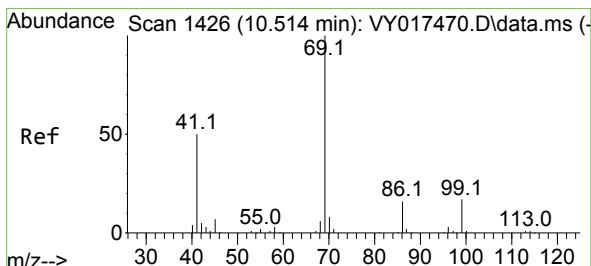
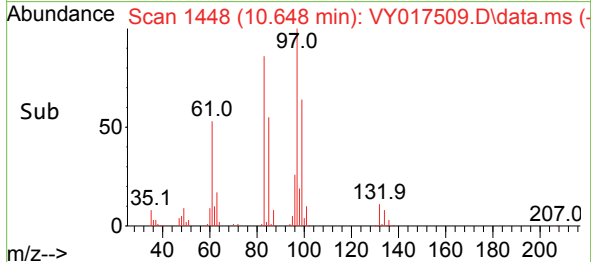
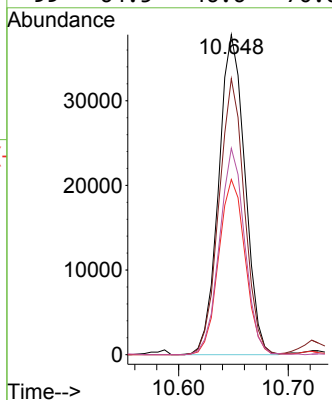
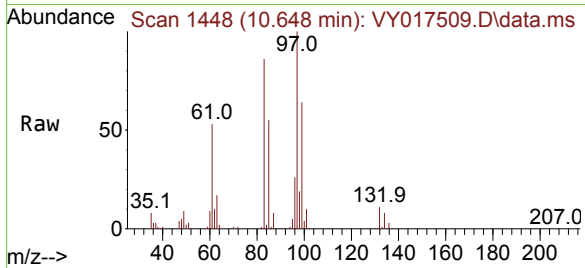




#55
1,1,2-Trichloroethane
Concen: 52.956 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY017509.D
Acq: 27 Feb 2024 20:10

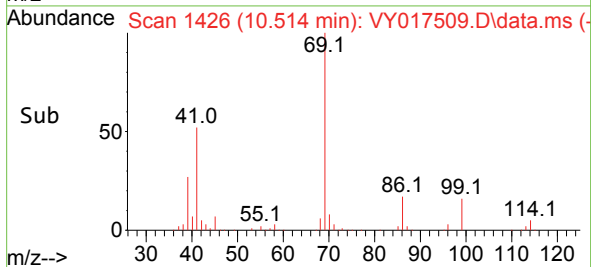
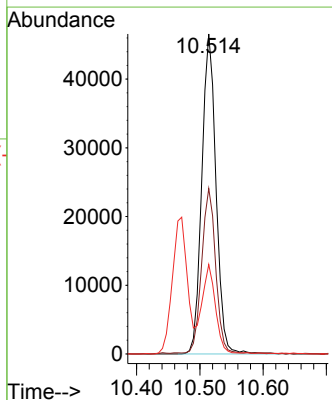
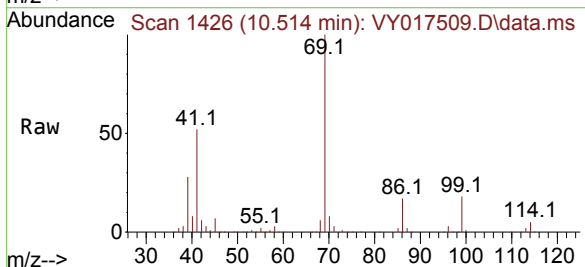
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

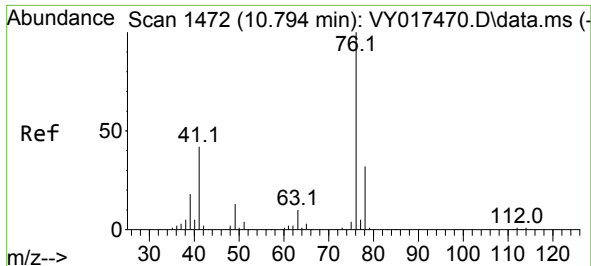
Tgt Ion:	97	Resp:	62924
Ion	Ratio	Lower	Upper
97	100		
83	86.2	67.5	101.3
85	54.8	42.9	64.3
99	64.5	46.6	70.0



#56
Ethyl methacrylate
Concen: 49.959 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY017509.D
Acq: 27 Feb 2024 20:10

Tgt Ion:	69	Resp:	73027
Ion	Ratio	Lower	Upper
69	100		
41	51.2	42.3	63.5
39	26.7	22.9	34.3

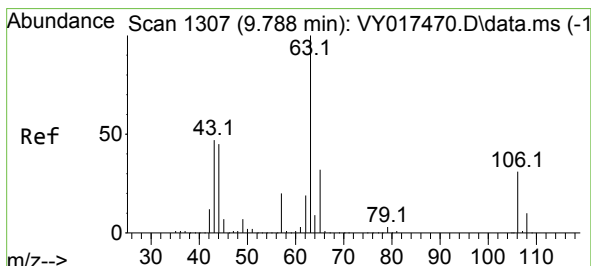
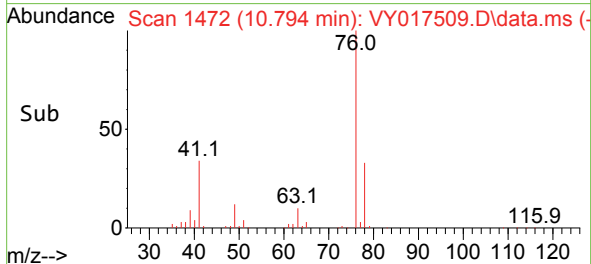
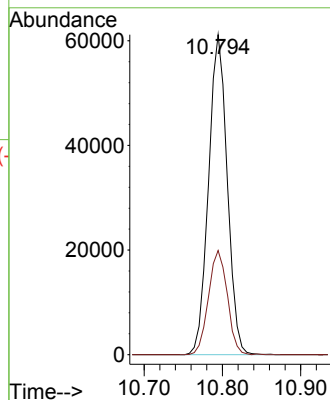
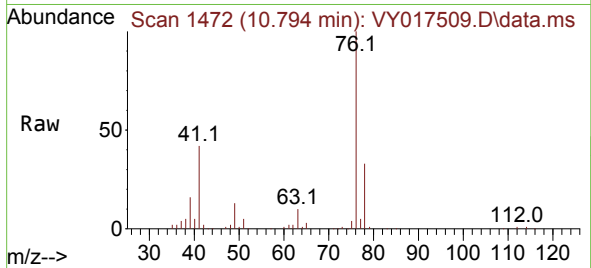




#57
1,3-Dichloropropane
Concen: 52.379 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VY017509.D
Acq: 27 Feb 2024 20:10

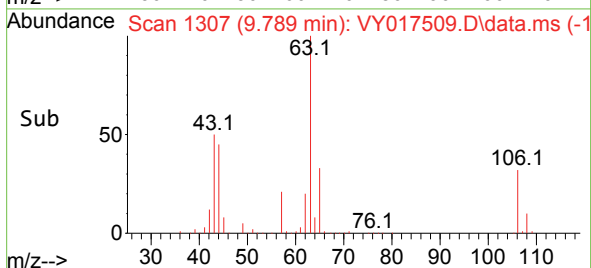
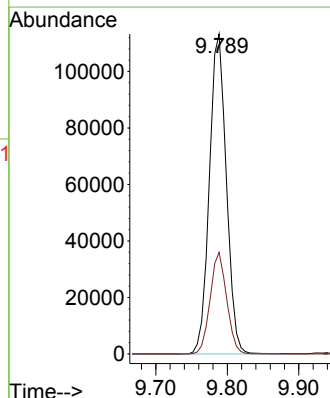
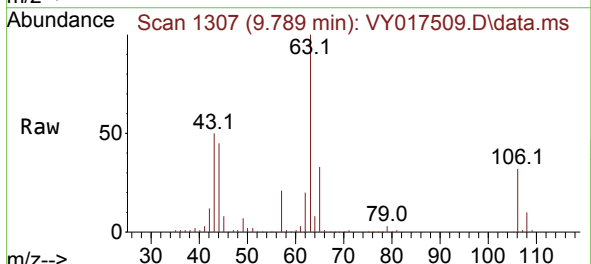
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

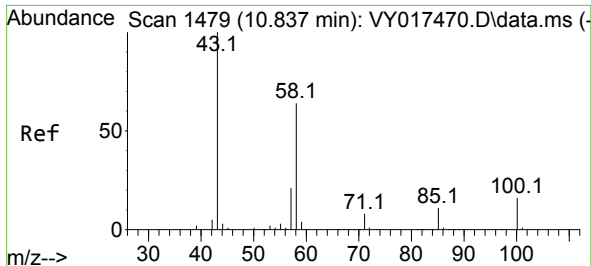
Tgt Ion: 76 Resp: 101191
Ion Ratio Lower Upper
76 100
78 32.8 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 271.981 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY017509.D
Acq: 27 Feb 2024 20:10

Tgt Ion: 63 Resp: 186490
Ion Ratio Lower Upper
63 100
106 30.9 23.7 35.5

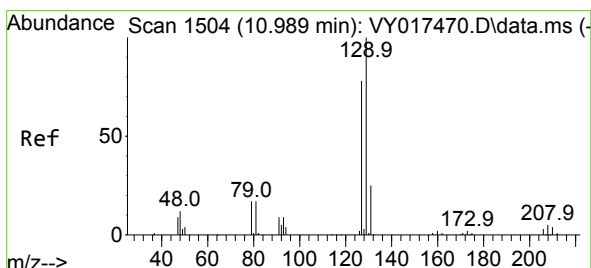
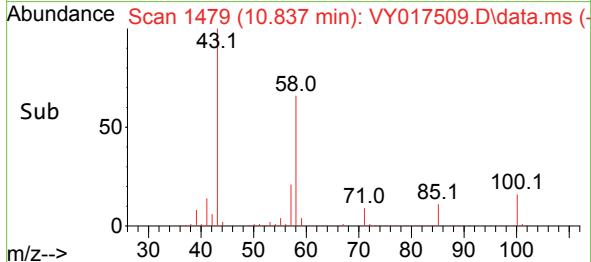
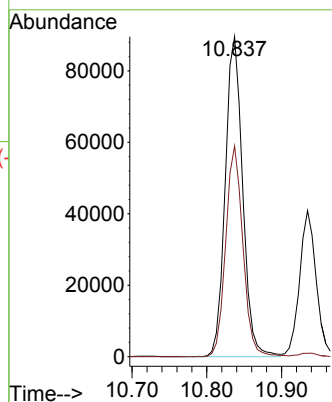
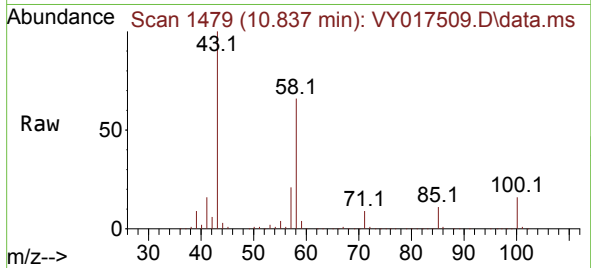




#59
2-Hexanone
Concen: 263.874 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017509.D
Acq: 27 Feb 2024 20:10

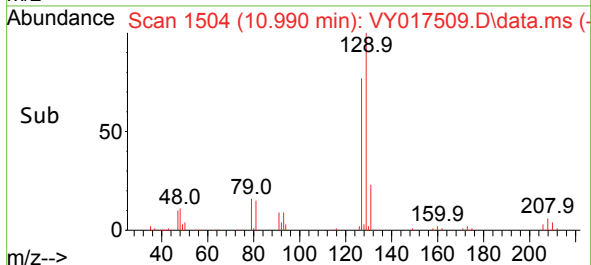
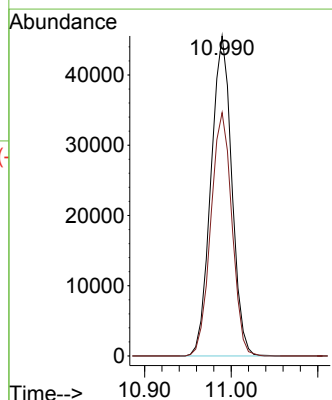
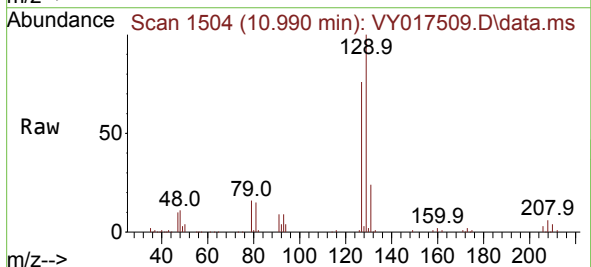
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

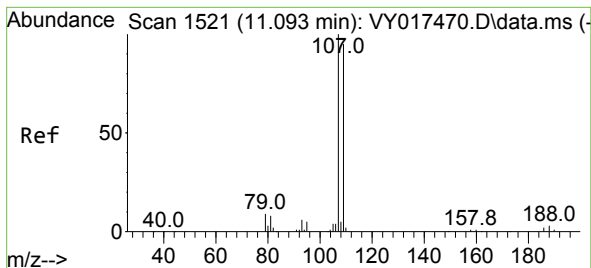
Tgt Ion: 43 Resp: 145107
Ion Ratio Lower Upper
43 100
58 65.1 31.4 94.0



#60
Dibromochloromethane
Concen: 54.191 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY017509.D
Acq: 27 Feb 2024 20:10

Tgt Ion: 129 Resp: 76176
Ion Ratio Lower Upper
129 100
127 76.8 39.0 117.0

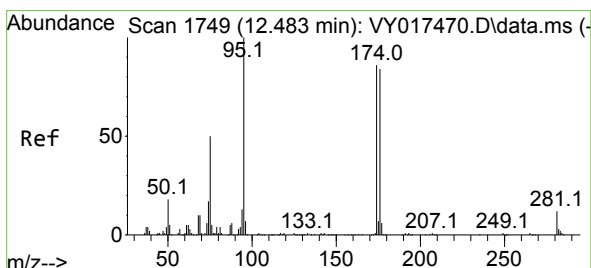
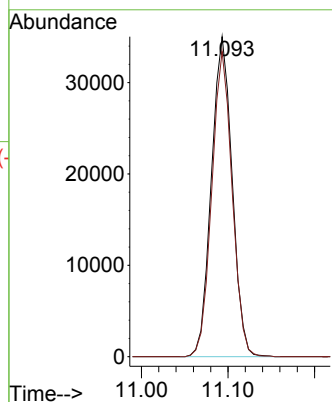
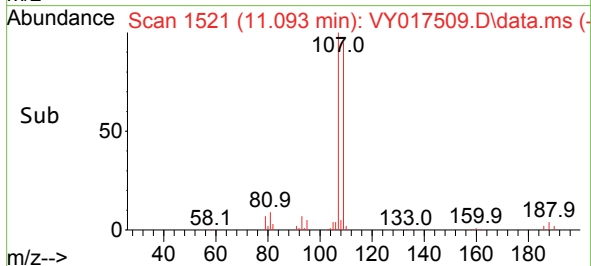
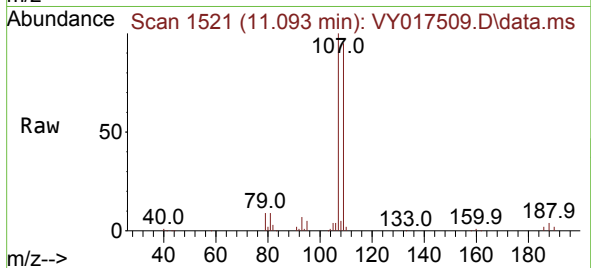




#61
1,2-Dibromoethane
Concen: 53.202 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY017509.D
Acq: 27 Feb 2024 20:10

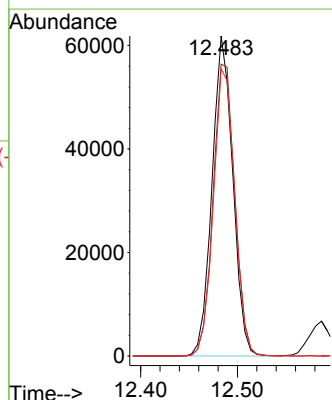
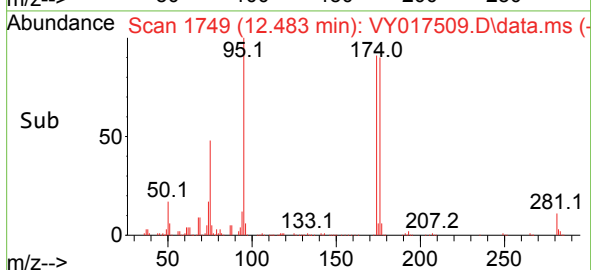
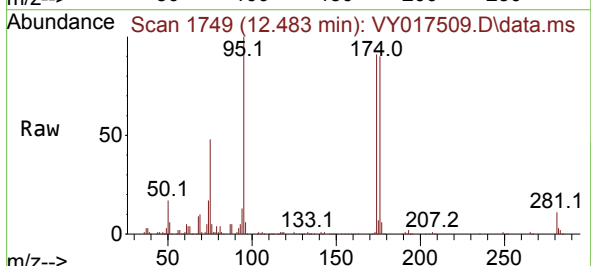
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

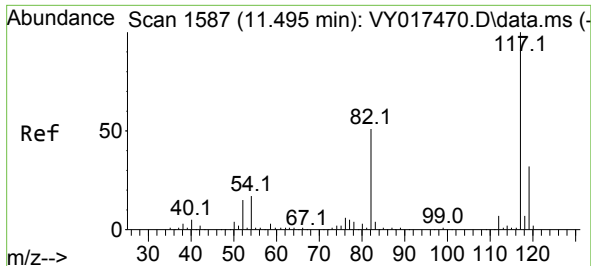
Tgt Ion:107 Resp: 58257
Ion Ratio Lower Upper
107 100
109 93.4 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 54.623 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017509.D
Acq: 27 Feb 2024 20:10

Tgt Ion: 95 Resp: 92072
Ion Ratio Lower Upper
95 100
174 95.1 0.0 175.6
176 92.6 0.0 171.4

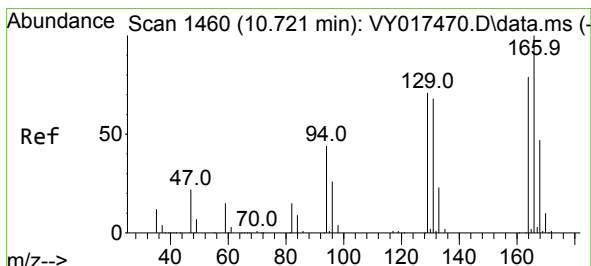
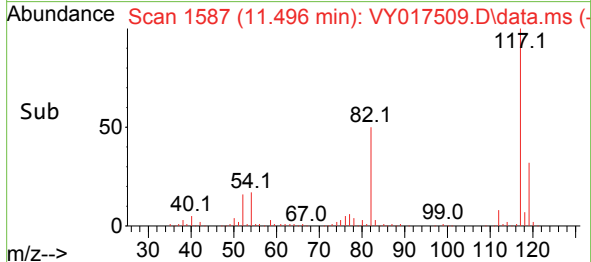
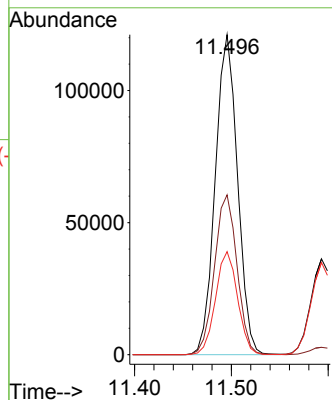
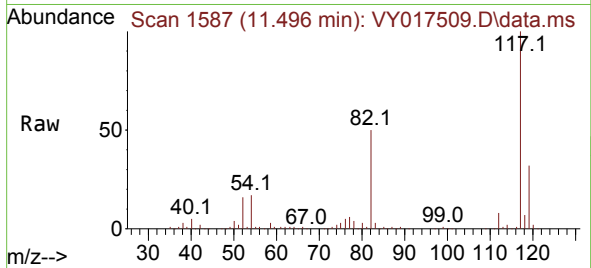




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017509.D
Acq: 27 Feb 2024 20:10

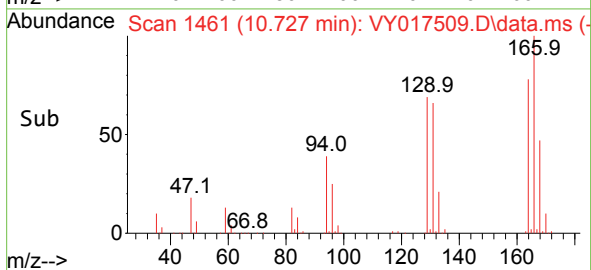
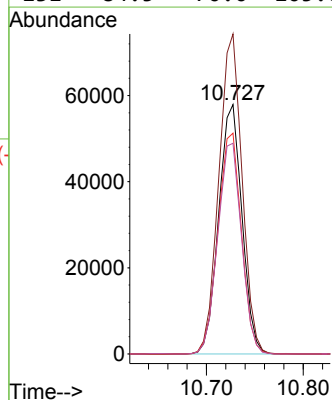
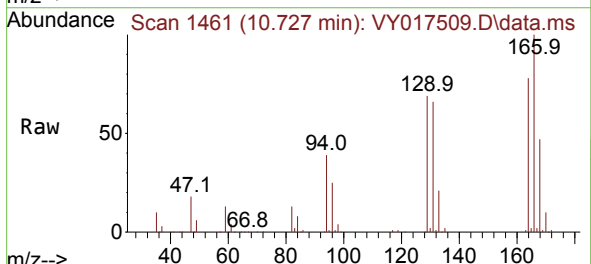
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

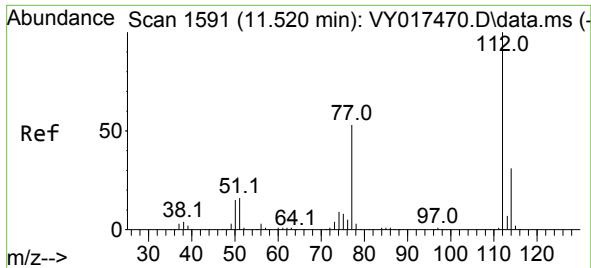
Tgt Ion:117 Resp: 193592
Ion Ratio Lower Upper
117 100
82 49.9 42.4 63.6
119 32.2 25.9 38.9



#64
Tetrachloroethene
Concen: 52.125 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VY017509.D
Acq: 27 Feb 2024 20:10

Tgt Ion:164 Resp: 96856
Ion Ratio Lower Upper
164 100
166 128.3 102.6 154.0
129 88.5 72.0 108.0
131 84.5 70.0 105.0

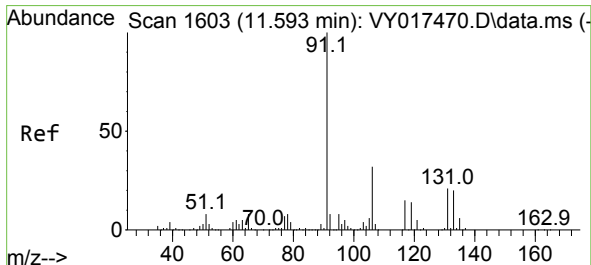
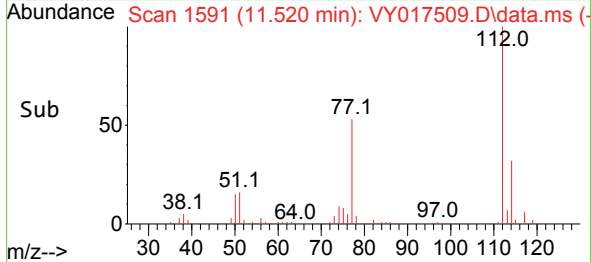
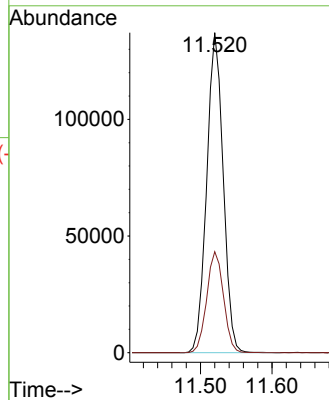
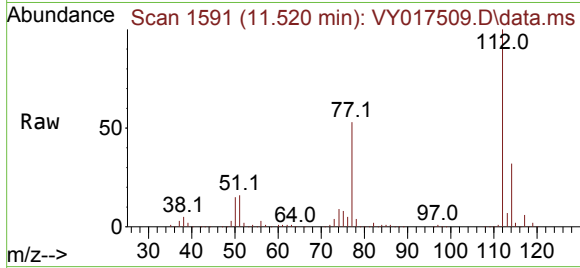




#65
Chlorobenzene
Concen: 53.292 ug/l
RT: 11.520 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY017509.D
Acq: 27 Feb 2024 20:10

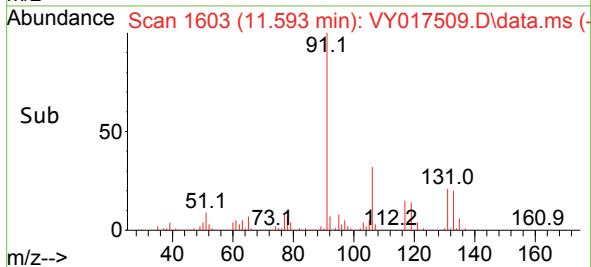
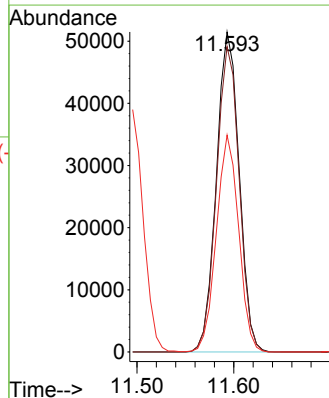
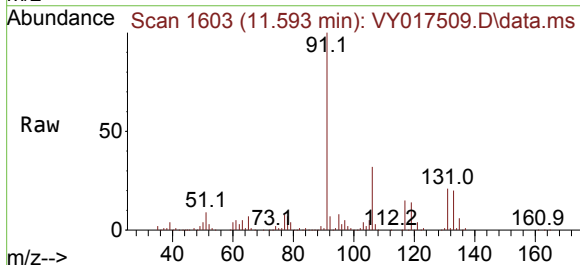
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

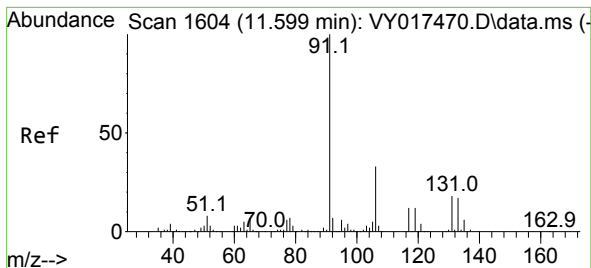
Tgt Ion:112 Resp: 218984
Ion Ratio Lower Upper
112 100
114 31.6 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 54.664 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY017509.D
Acq: 27 Feb 2024 20:10

Tgt Ion:131 Resp: 84150
Ion Ratio Lower Upper
131 100
133 95.2 47.8 143.3
119 66.3 34.1 102.2





#67

Ethyl Benzene

Concen: 54.612 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY017509.D

Acq: 27 Feb 2024 20:10

Instrument :

MSVOA_Y

ClientSampleId :

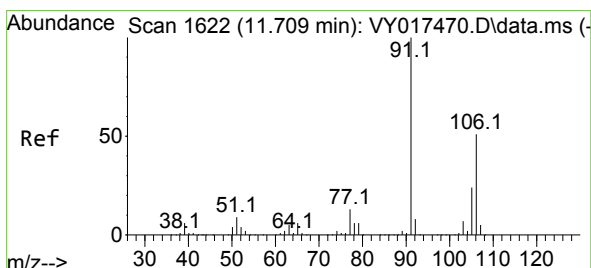
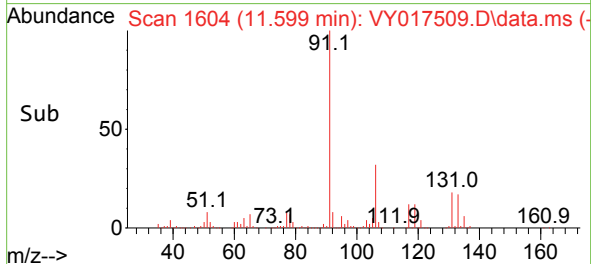
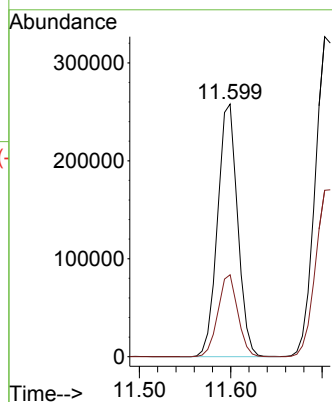
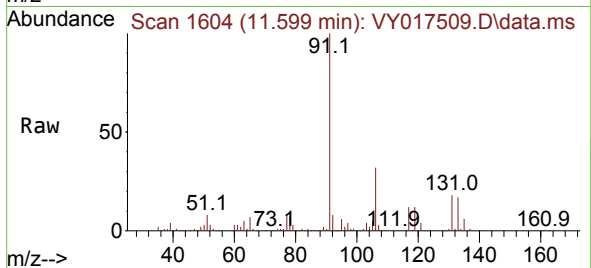
VSTDCCC050EC

Tgt Ion: 91 Resp: 393556

Ion Ratio Lower Upper

91 100

106 32.4 24.5 36.7



#68

m/p-Xylenes

Concen: 110.202 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY017509.D

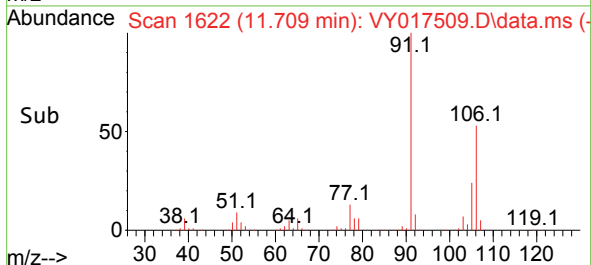
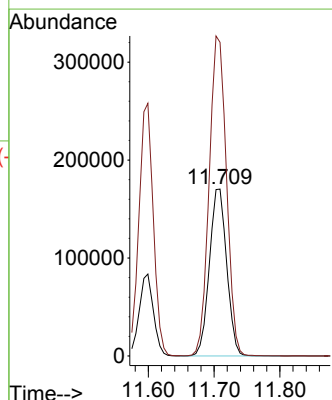
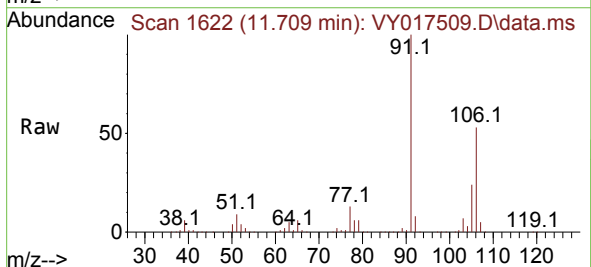
Acq: 27 Feb 2024 20:10

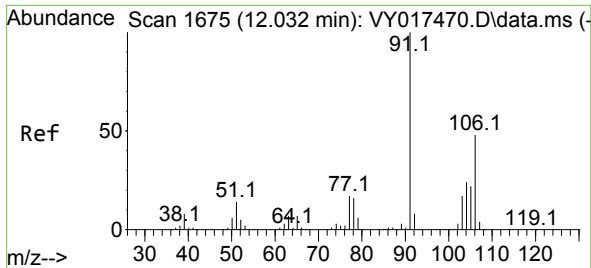
Tgt Ion: 106 Resp: 312057

Ion Ratio Lower Upper

106 100

91 191.3 156.0 234.0

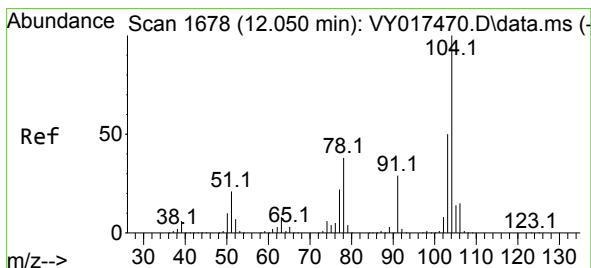
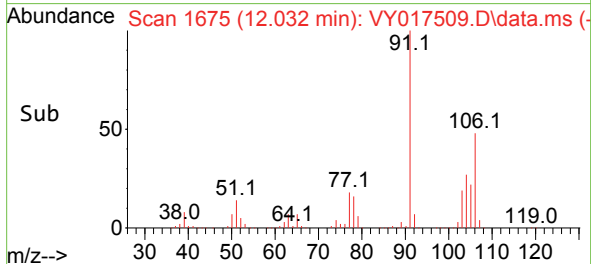
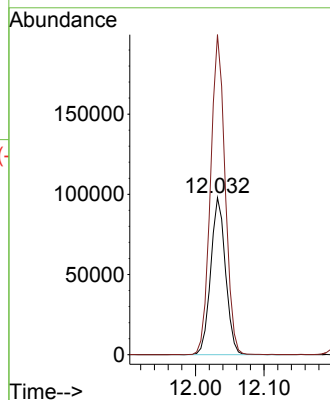
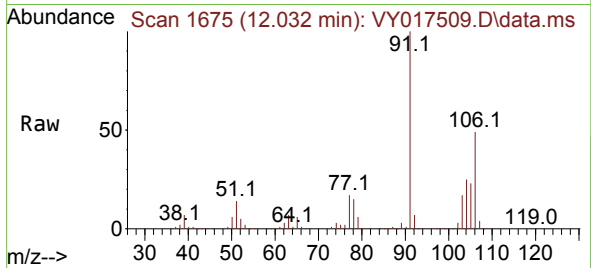




#69
o-Xylene
Concen: 55.790 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY017509.D
Acq: 27 Feb 2024 20:10

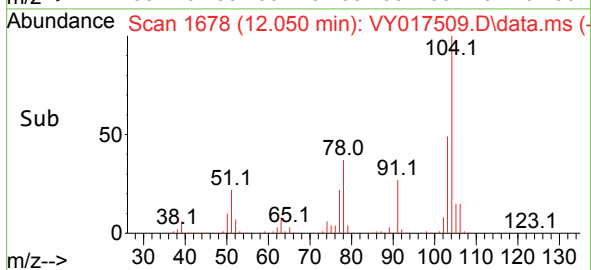
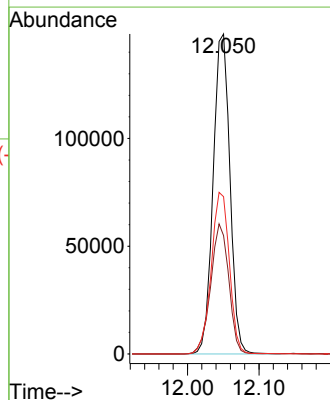
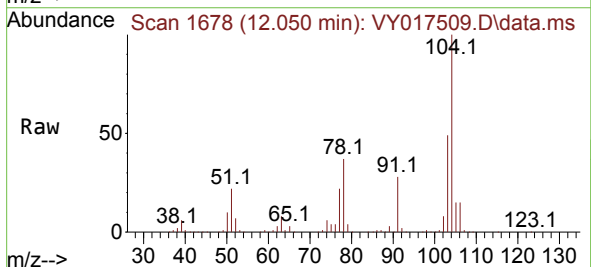
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

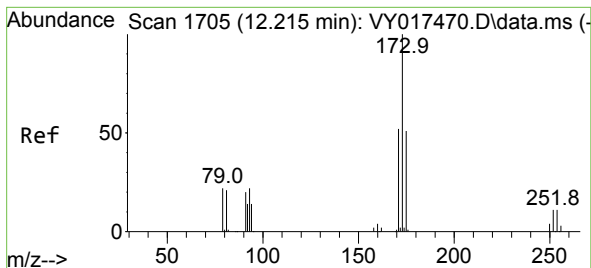
Tgt Ion:106 Resp: 146564
Ion Ratio Lower Upper
106 100
91 201.2 103.6 310.8



#70
Styrene
Concen: 55.545 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY017509.D
Acq: 27 Feb 2024 20:10

Tgt Ion:104 Resp: 242214
Ion Ratio Lower Upper
104 100
78 43.8 37.0 55.4
103 54.7 44.2 66.2





#71

Bromoform

Concen: 55.891 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.006 min

Lab File: VY017509.D

Acq: 27 Feb 2024 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

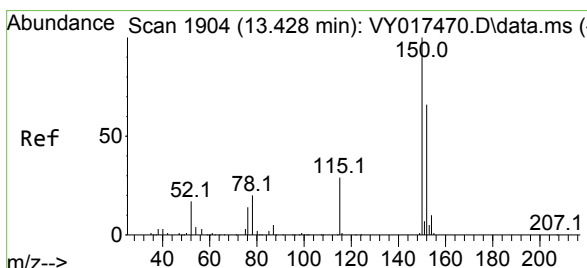
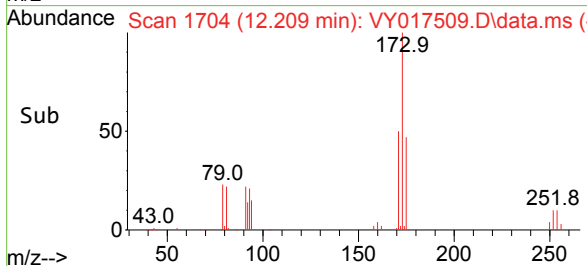
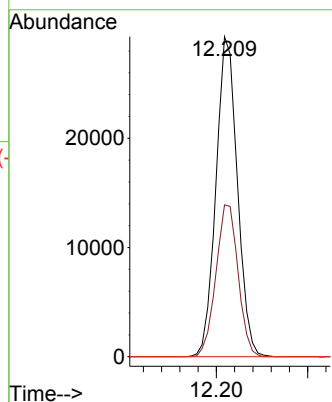
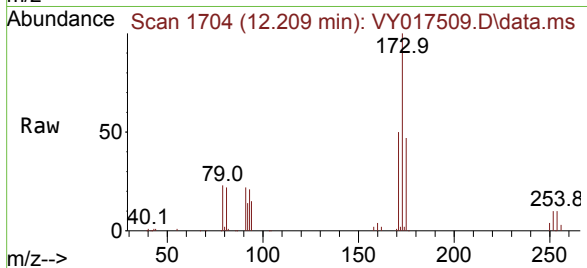
Tgt Ion:173 Resp: 47679

Ion Ratio Lower Upper

173 100

175 49.1 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY017509.D

Acq: 27 Feb 2024 20:10

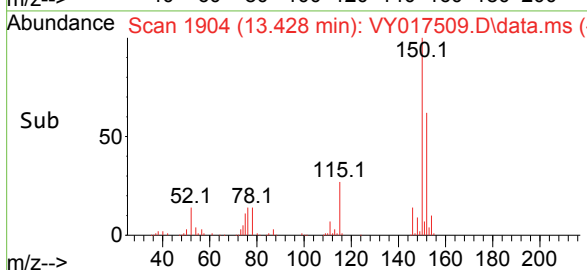
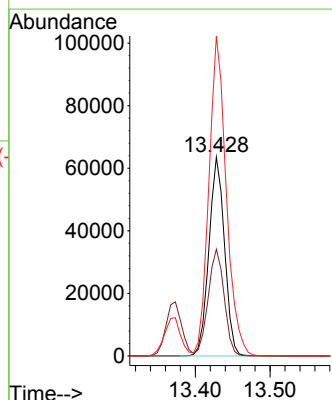
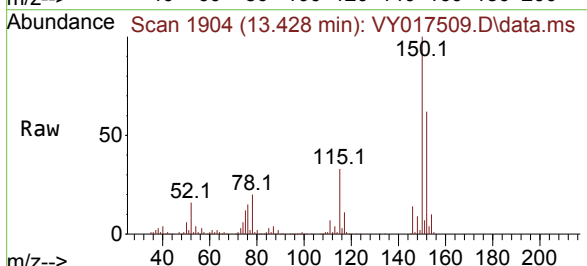
Tgt Ion:152 Resp: 92485

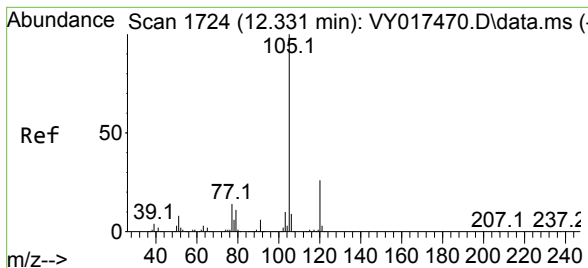
Ion Ratio Lower Upper

152 100

115 54.8 28.2 84.7

150 178.2 0.0 345.6





#73

Isopropylbenzene

Concen: 55.120 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017509.D

Acq: 27 Feb 2024 20:10

Instrument :

MSVOA_Y

ClientSampleId :

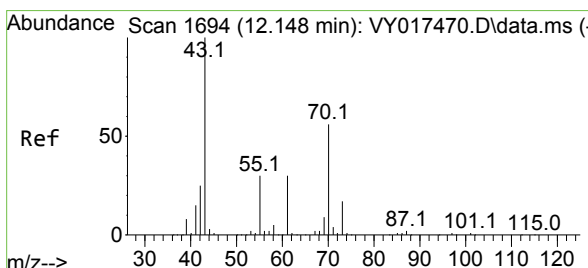
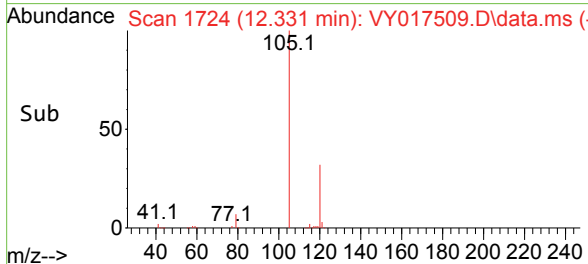
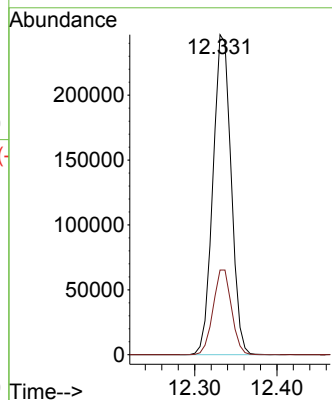
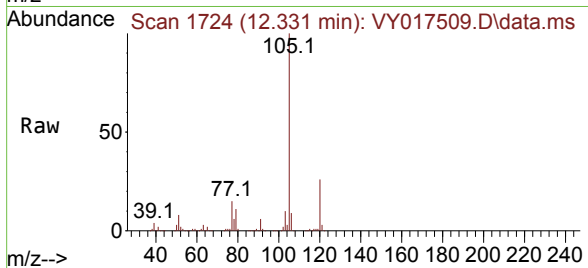
VSTDCCC050EC

Tgt Ion:105 Resp: 378732

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.1



#74

N-ethyl acetate

Concen: 54.846 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.000 min

Lab File: VY017509.D

Acq: 27 Feb 2024 20:10

Tgt Ion: 43 Resp: 66466

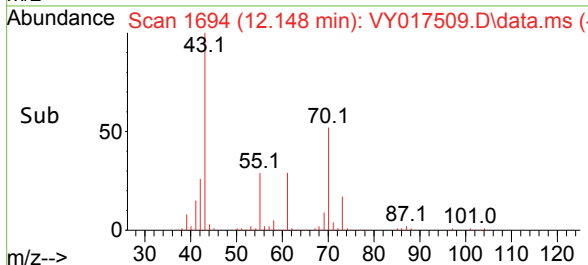
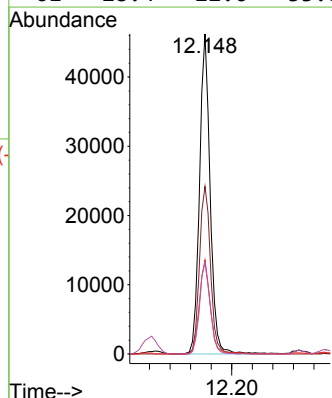
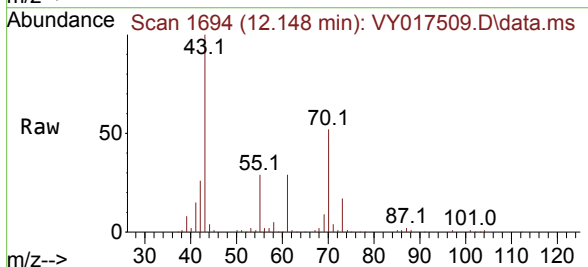
Ion Ratio Lower Upper

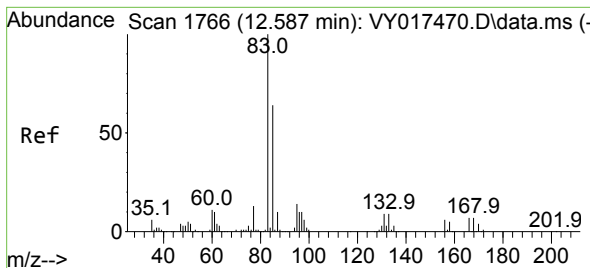
43 100

70 54.1 41.4 62.2

55 30.4 23.3 34.9

61 28.4 22.6 33.8

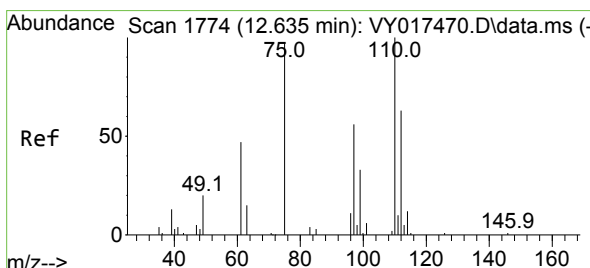
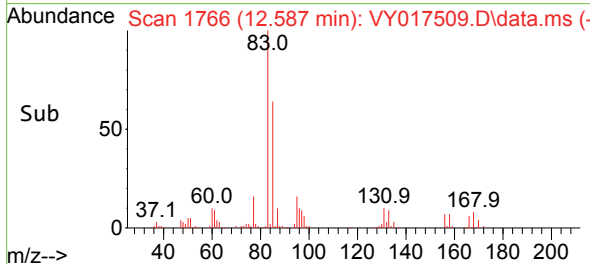
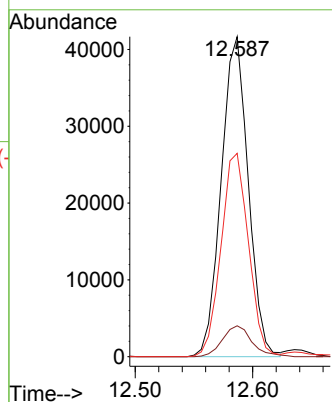
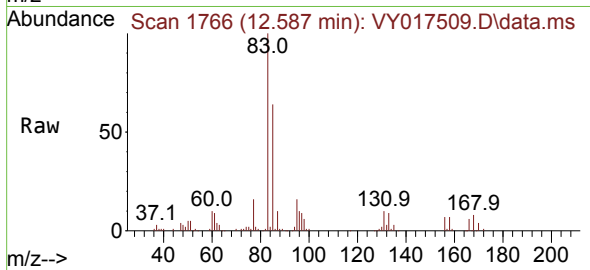




#75
 1,1,2,2-Tetrachloroethane
 Concen: 56.348 ug/l
 RT: 12.587 min Scan# 1766
 Delta R.T. 0.000 min
 Lab File: VY017509.D
 Acq: 27 Feb 2024 20:10

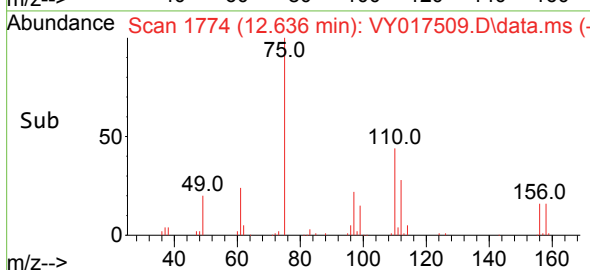
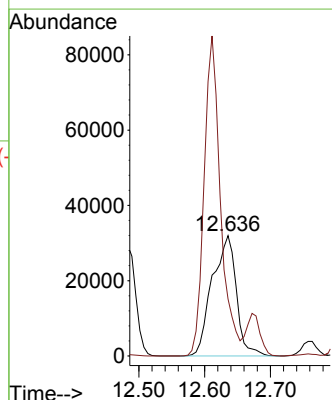
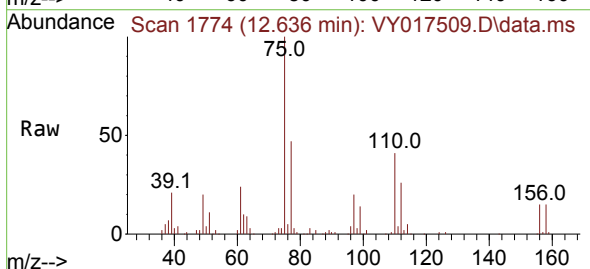
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

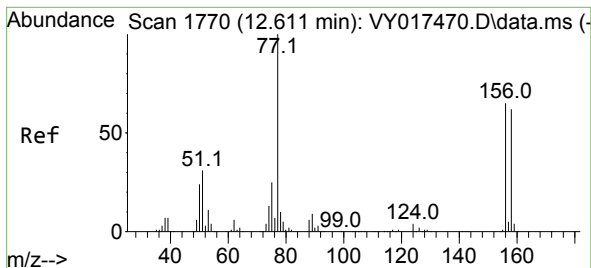
Tgt Ion: 83 Resp: 66485
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.0 14.9
 85 64.6 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 92.958 ug/l
 RT: 12.636 min Scan# 1774
 Delta R.T. 0.000 min
 Lab File: VY017509.D
 Acq: 27 Feb 2024 20:10

Tgt Ion: 75 Resp: 81687
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.501 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY017509.D

Acq: 27 Feb 2024 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

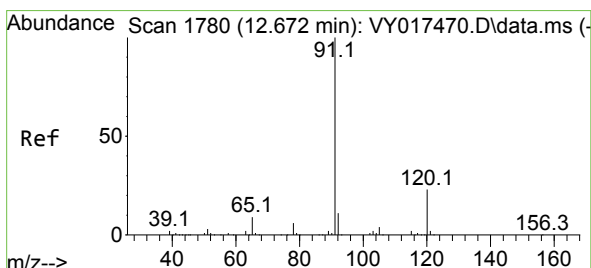
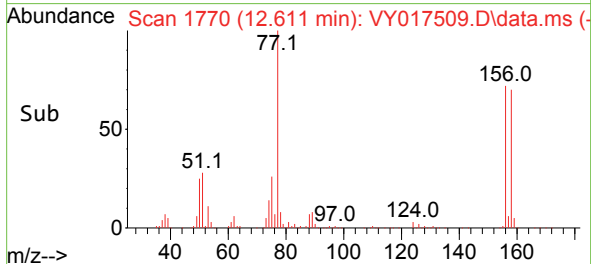
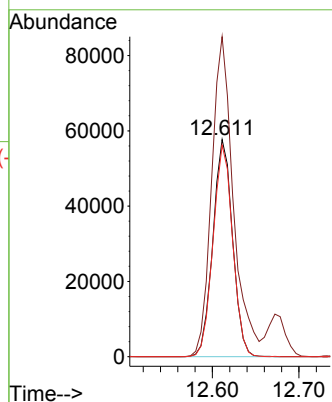
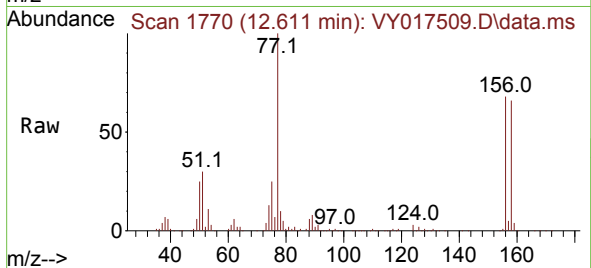
Tgt Ion:156 Resp: 90688

Ion Ratio Lower Upper

156 100

77 163.0 87.1 261.3

158 97.3 48.6 145.9



#78

n-propylbenzene

Concen: 54.679 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY017509.D

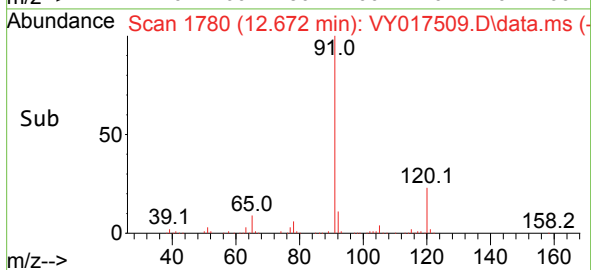
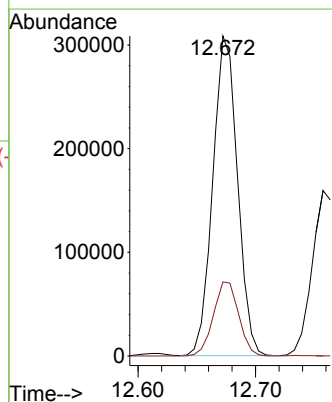
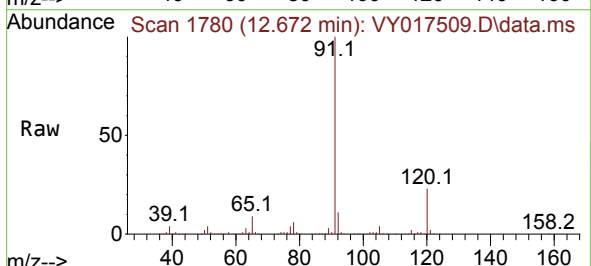
Acq: 27 Feb 2024 20:10

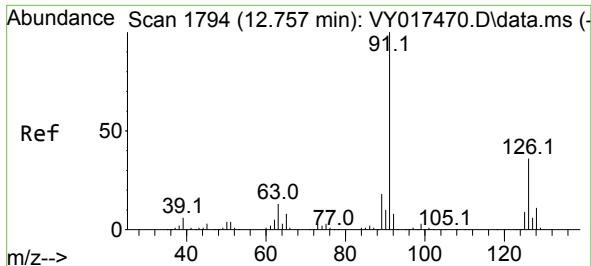
Tgt Ion: 91 Resp: 450801

Ion Ratio Lower Upper

91 100

120 23.7 11.5 34.4

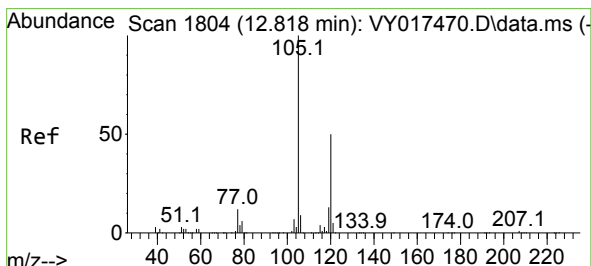
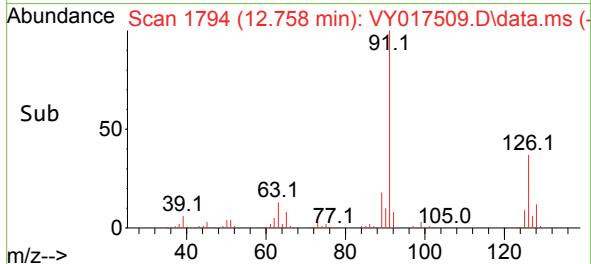
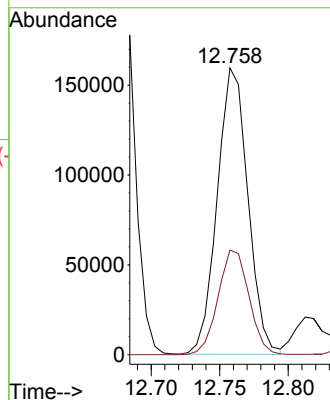
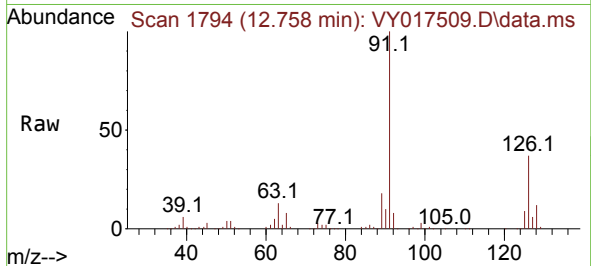




#79
2-Chlorotoluene
Concen: 53.818 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017509.D
Acq: 27 Feb 2024 20:10

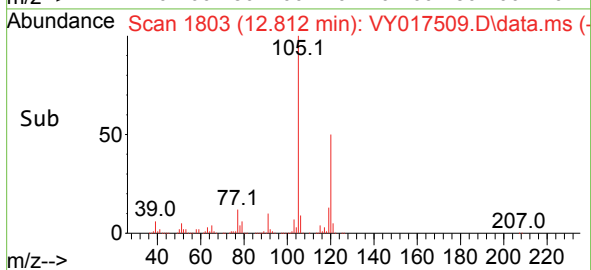
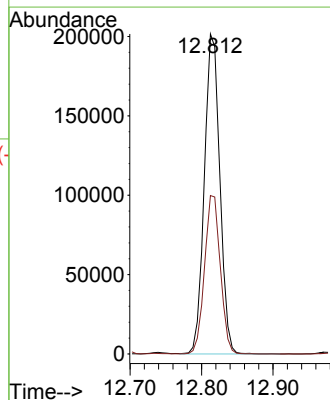
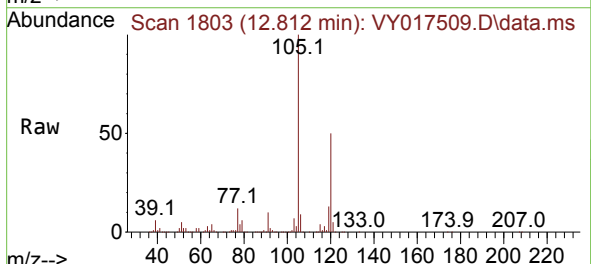
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

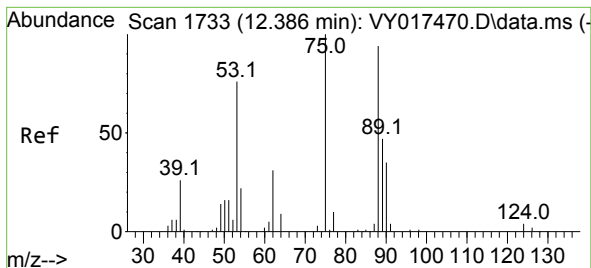
Tgt Ion: 91 Resp: 248420
Ion Ratio Lower Upper
91 100
126 36.8 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 55.245 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VY017509.D
Acq: 27 Feb 2024 20:10

Tgt Ion: 105 Resp: 304114
Ion Ratio Lower Upper
105 100
120 50.4 25.1 75.2

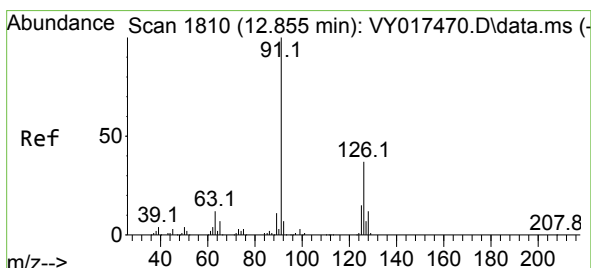
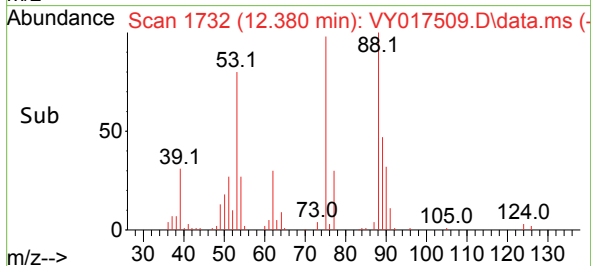
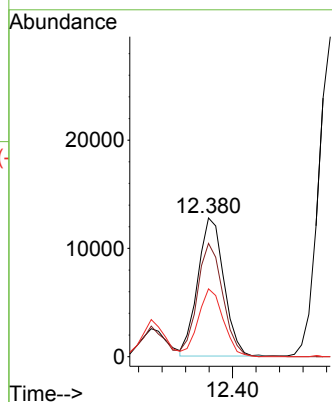
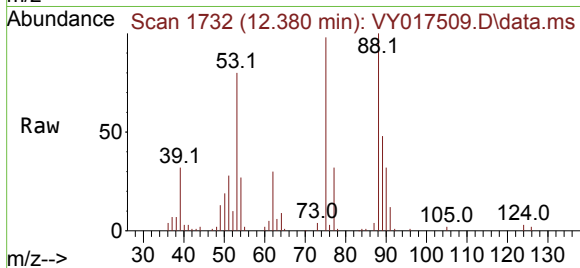




#81
trans-1,4-Dichloro-2-butene
Concen: 51.528 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017509.D
Acq: 27 Feb 2024 20:10

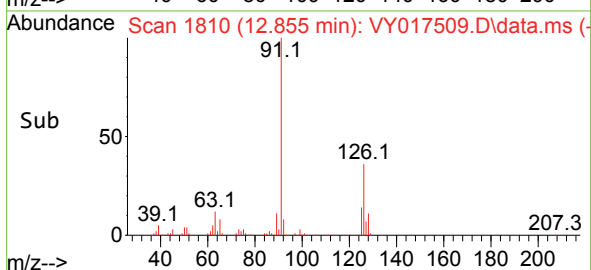
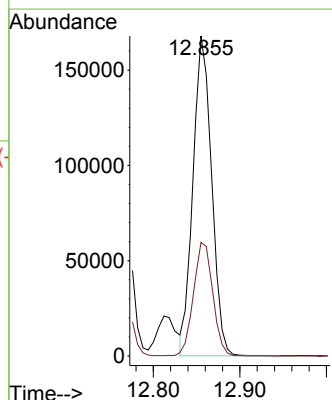
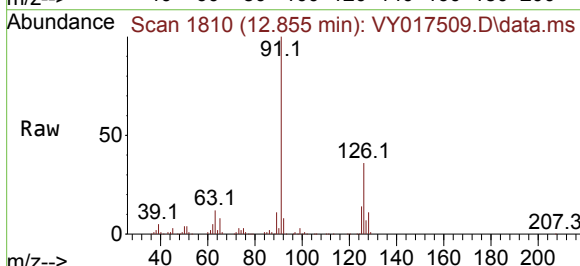
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

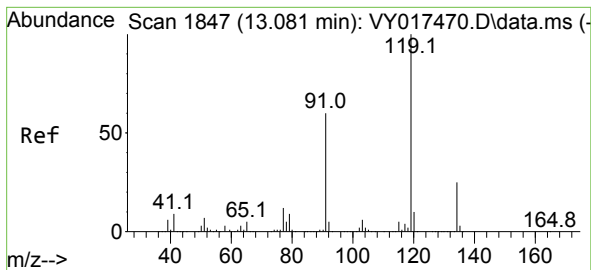
Tgt Ion: 75 Resp: 19706
Ion Ratio Lower Upper
75 100
53 80.0 66.8 100.2
89 47.2 35.8 53.6



#82
4-Chlorotoluene
Concen: 53.058 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY017509.D
Acq: 27 Feb 2024 20:10

Tgt Ion: 91 Resp: 250498
Ion Ratio Lower Upper
91 100
126 36.9 17.6 52.9





#83

tert-Butylbenzene

Concen: 56.307 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.006 min

Lab File: VY017509.D

Acq: 27 Feb 2024 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

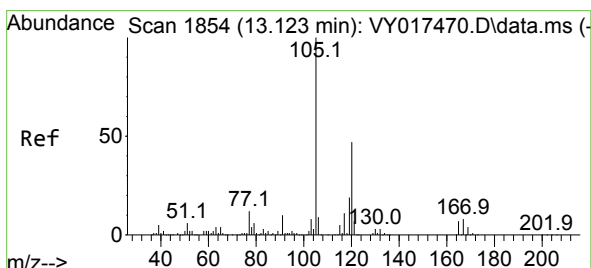
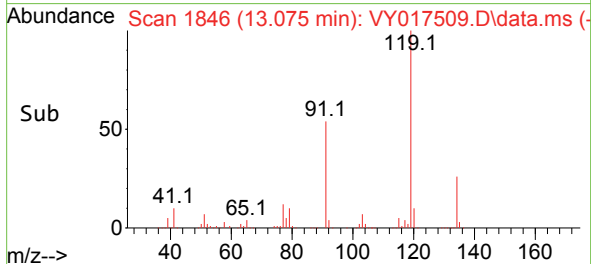
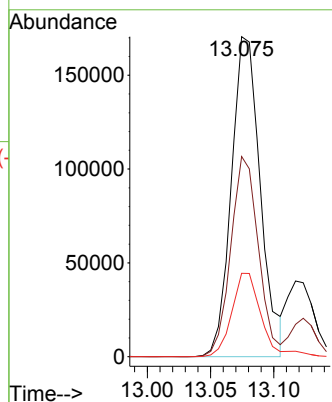
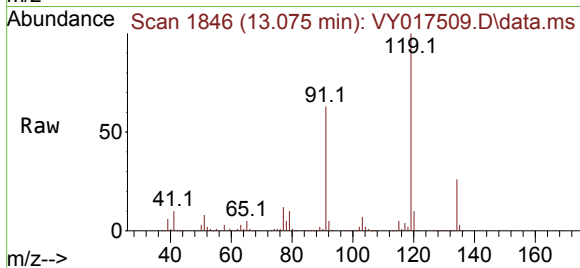
Tgt Ion:119 Resp: 272180

Ion Ratio Lower Upper

119 100

91 59.7 31.3 93.8

134 26.6 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 54.955 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY017509.D

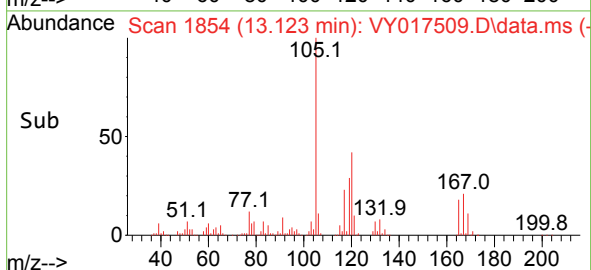
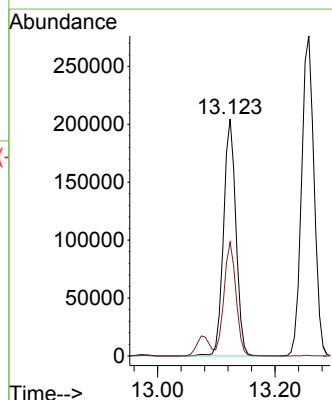
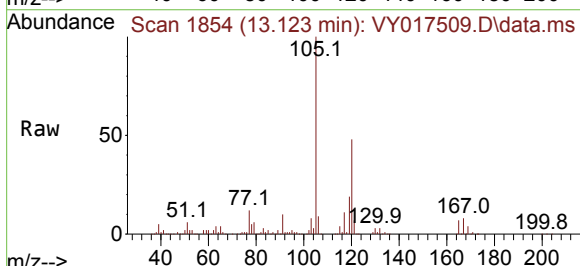
Acq: 27 Feb 2024 20:10

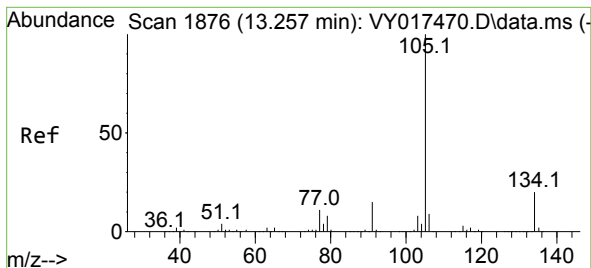
Tgt Ion:105 Resp: 298659

Ion Ratio Lower Upper

105 100

120 46.3 23.2 69.6





#85

sec-Butylbenzene

Concen: 55.236 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY017509.D

Acq: 27 Feb 2024 20:10

Instrument :

MSVOA_Y

ClientSampleId :

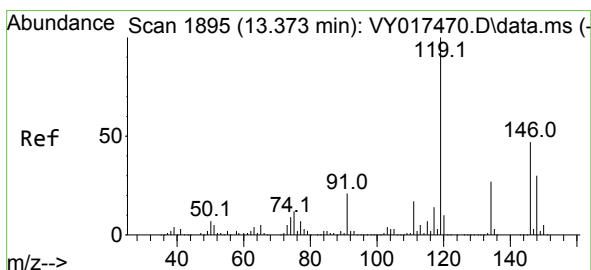
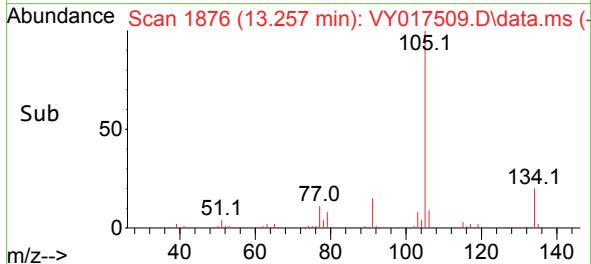
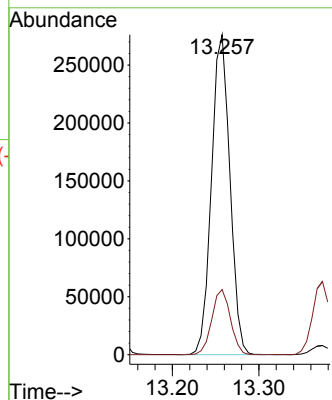
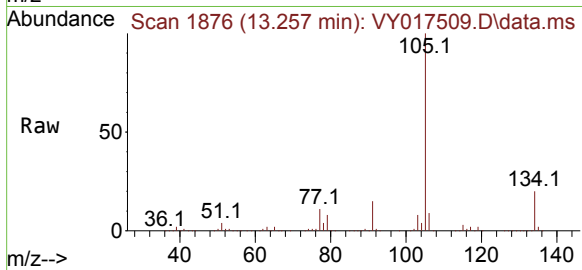
VSTDCCC050EC

Tgt Ion:105 Resp: 408220

Ion Ratio Lower Upper

105 100

134 20.5 10.1 30.1



#86

p-Isopropyltoluene

Concen: 54.908 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017509.D

Acq: 27 Feb 2024 20:10

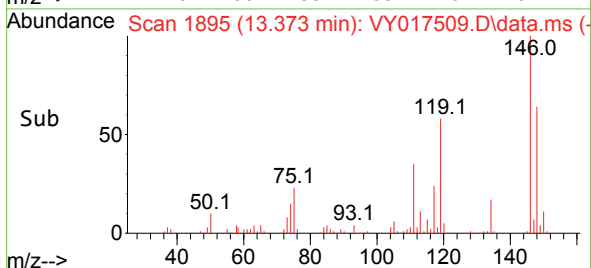
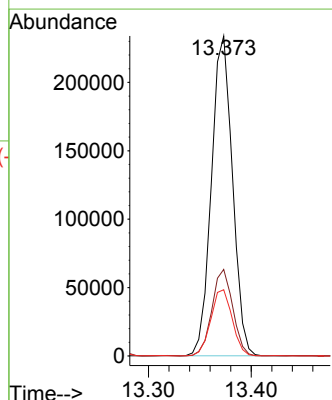
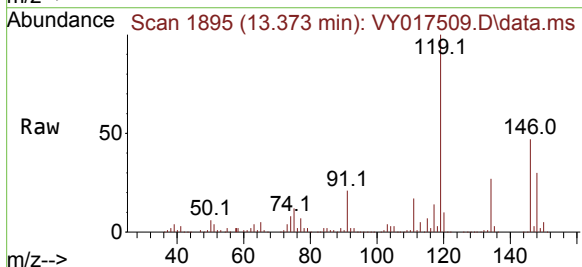
Tgt Ion:119 Resp: 332190

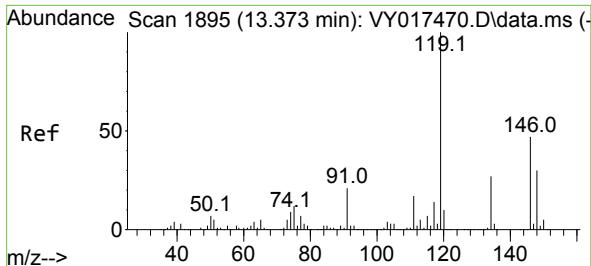
Ion Ratio Lower Upper

119 100

134 26.8 13.1 39.3

91 21.0 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 53.335 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017509.D

Acq: 27 Feb 2024 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

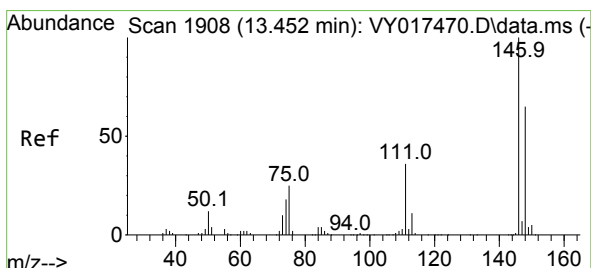
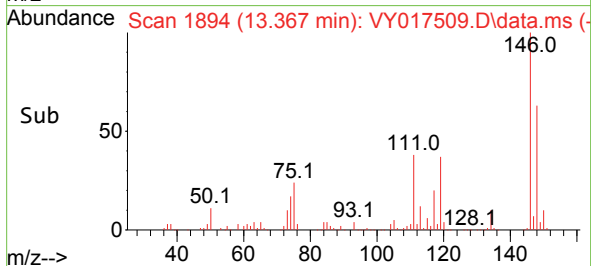
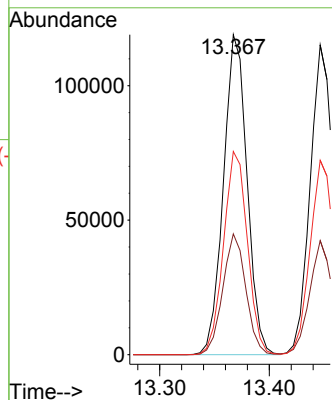
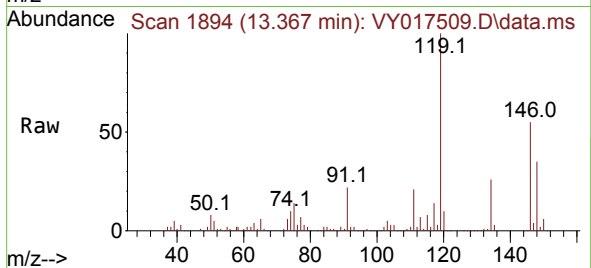
Tgt Ion:146 Resp: 178135

Ion Ratio Lower Upper

146 100

111 36.8 19.0 57.0

148 64.3 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 53.188 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY017509.D

Acq: 27 Feb 2024 20:10

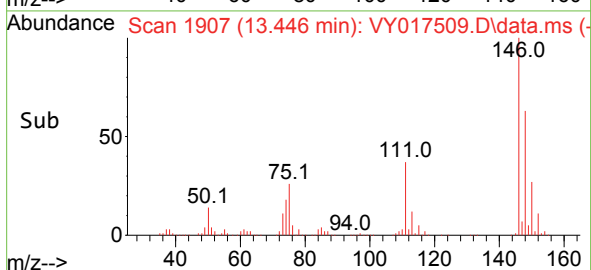
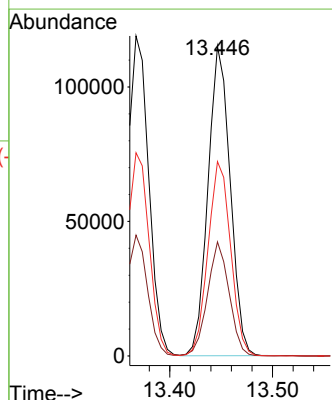
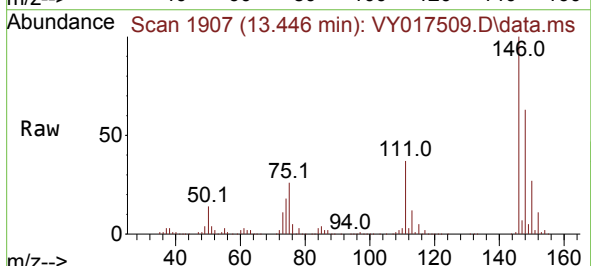
Tgt Ion:146 Resp: 172704

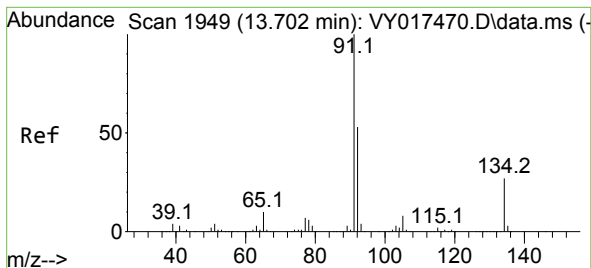
Ion Ratio Lower Upper

146 100

111 35.8 18.4 55.4

148 64.0 32.4 97.2





#89

n-Butylbenzene

Concen: 53.835 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY017509.D

Acq: 27 Feb 2024 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

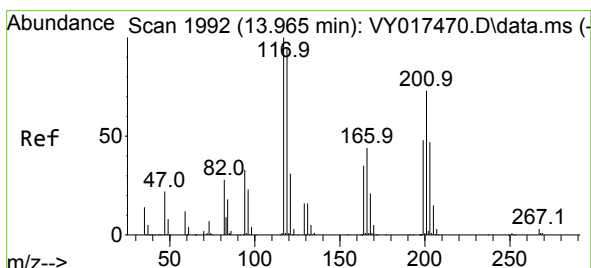
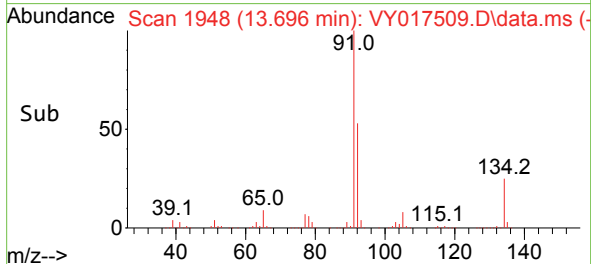
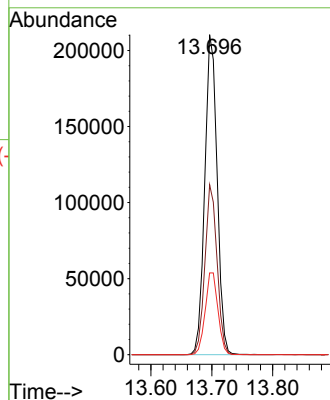
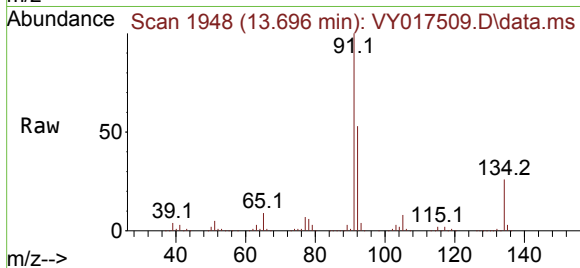
Tgt Ion: 91 Resp: 297155

Ion Ratio Lower Upper

91 100

92 52.2 26.6 79.7

134 26.4 12.9 38.7



#90

Hexachloroethane

Concen: 53.872 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VY017509.D

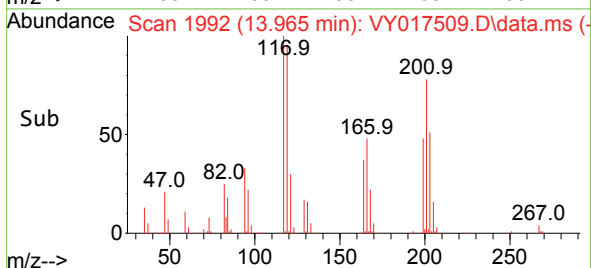
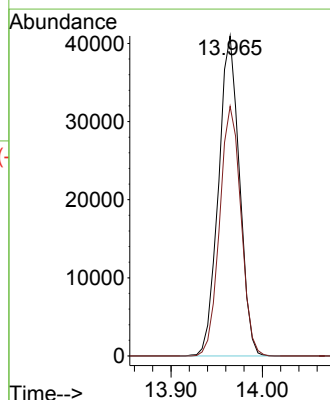
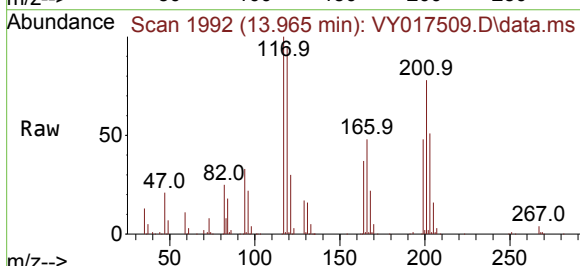
Acq: 27 Feb 2024 20:10

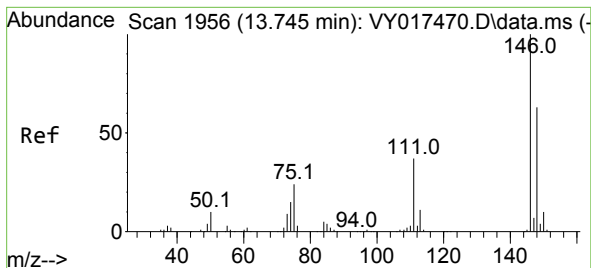
Tgt Ion: 117 Resp: 65341

Ion Ratio Lower Upper

117 100

201 79.1 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 54.854 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.006 min

Lab File: VY017509.D

Acq: 27 Feb 2024 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

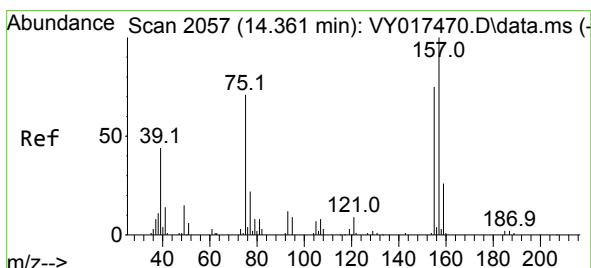
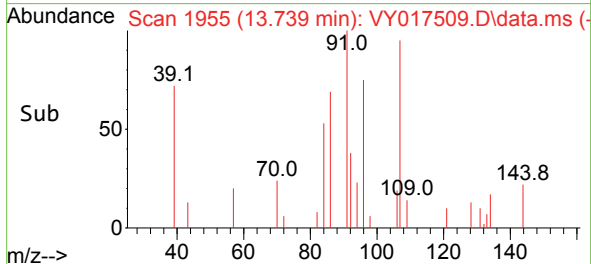
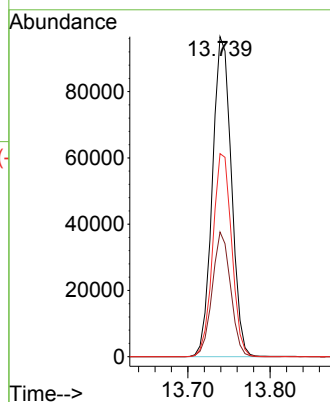
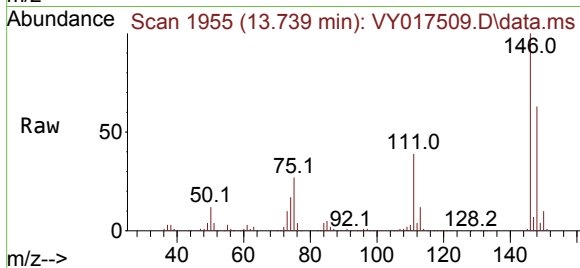
Tgt Ion:146 Resp: 154967

Ion Ratio Lower Upper

146 100

111 37.7 19.9 59.7

148 63.2 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.920 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VY017509.D

Acq: 27 Feb 2024 20:10

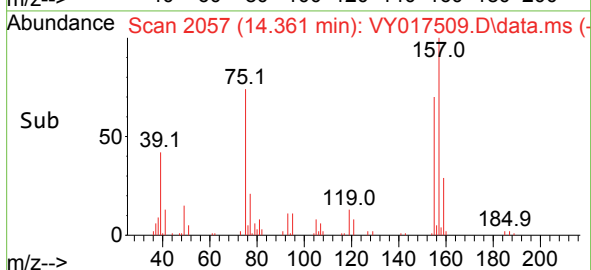
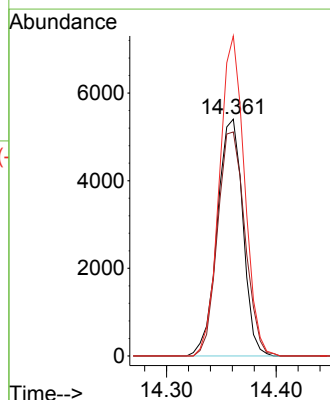
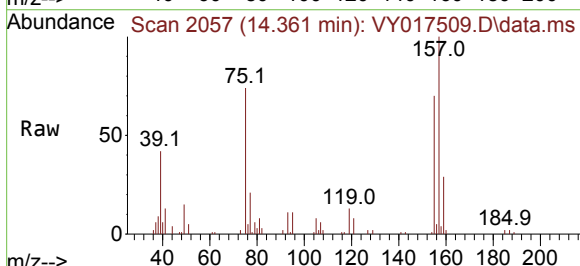
Tgt Ion: 75 Resp: 8778

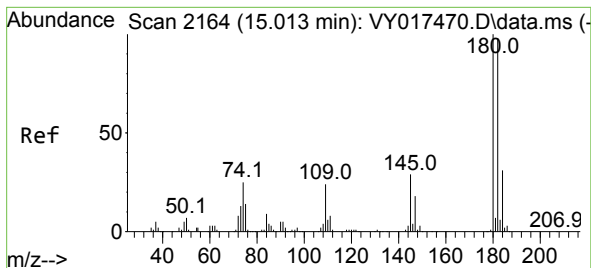
Ion Ratio Lower Upper

75 100

155 100.6 48.6 145.8

157 132.3 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 53.550 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY017509.D

Acq: 27 Feb 2024 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

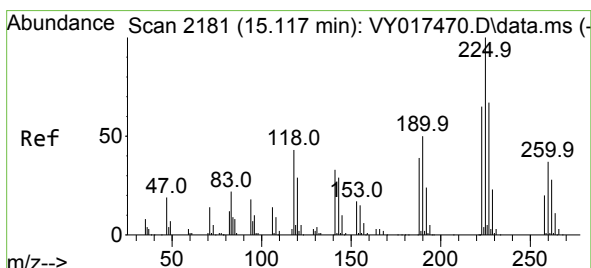
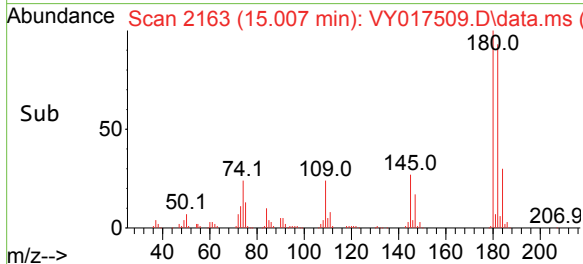
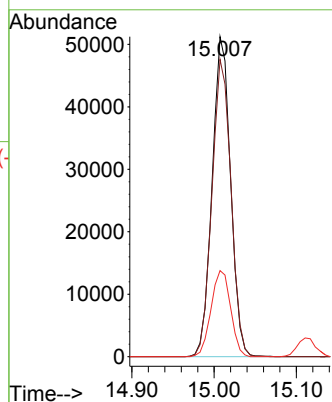
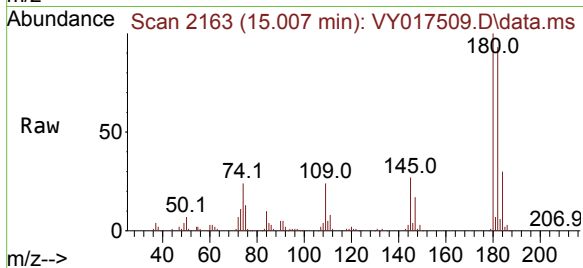
Tgt Ion:180 Resp: 79909

Ion Ratio Lower Upper

180 100

182 95.6 47.9 143.8

145 28.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 52.618 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.006 min

Lab File: VY017509.D

Acq: 27 Feb 2024 20:10

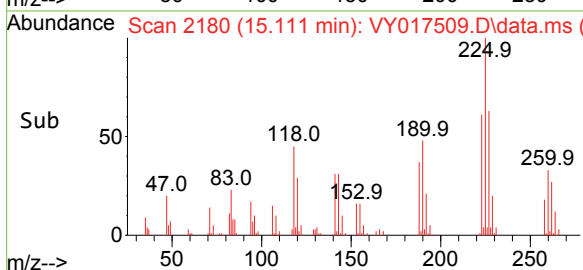
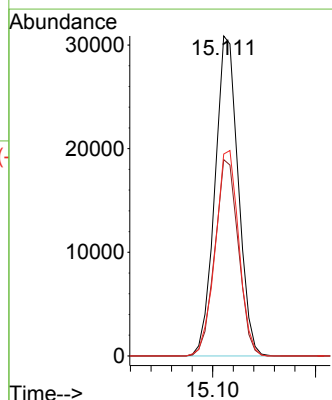
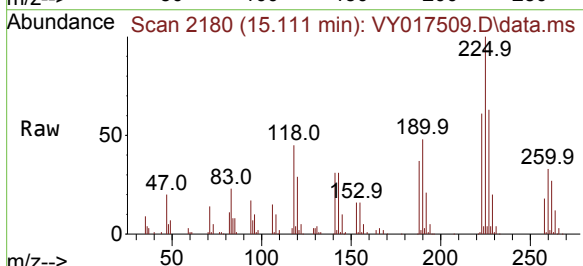
Tgt Ion:225 Resp: 48477

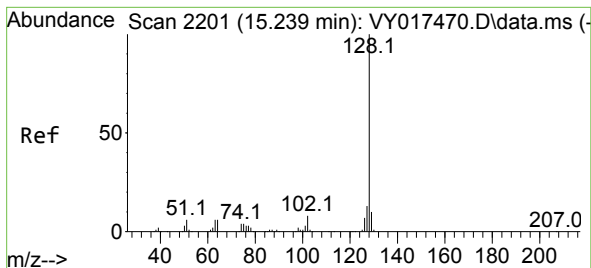
Ion Ratio Lower Upper

225 100

223 61.9 30.4 91.2

227 64.9 31.9 95.9





#95

Naphthalene

Concen: 49.117 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY017509.D

Acq: 27 Feb 2024 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

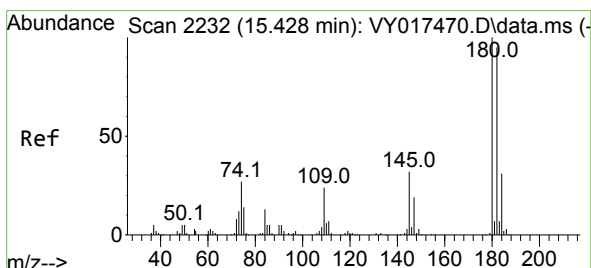
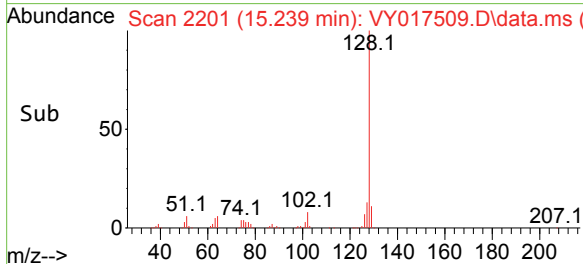
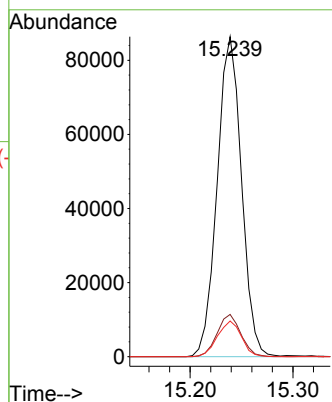
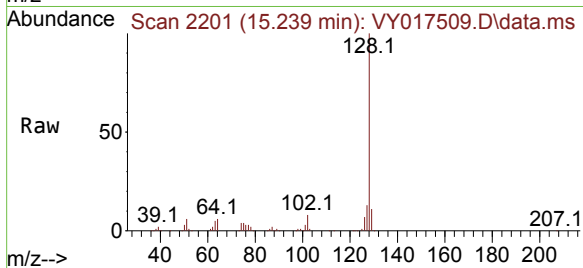
Tgt Ion:128 Resp: 141802

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 53.535 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY017509.D

Acq: 27 Feb 2024 20:10

Tgt Ion:180 Resp: 68532

Ion Ratio Lower Upper

180 100

182 96.1 47.6 142.9

145 30.1 15.4 46.1

