

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020724\
 Data File : VY017302.D
 Acq On : 07 Feb 2024 20:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 08 01:47:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	85774	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	147752	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	121771	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	54499	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	30215	39.432	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.860%
35) Dibromofluoromethane	7.722	113	31793	39.852	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.700%
50) Toluene-d8	10.185	98	126579	43.579	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.160%
62) 4-Bromofluorobenzene	12.483	95	37682	39.603	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.200%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	27427	42.180	ug/l	97
3) Chloromethane	2.107	50	86393	73.960	ug/l	99
4) Vinyl Chloride	2.247	62	105750	74.290	ug/l	99
5) Bromomethane	2.656	94	75246	76.258	ug/l	97
6) Chloroethane	2.796	64	67973	73.955	ug/l	96
7) Trichlorofluoromethane	3.119	101	86469	59.074	ug/l	95
8) Diethyl Ether	3.534	74	18348	39.850	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.906	101	44426	50.068	ug/l	95
10) Methyl Iodide	4.095	142	34562	37.051	ug/l	98
11) Tert butyl alcohol	4.997	59	8448	122.584	ug/l	98
12) 1,1-Dichloroethene	3.875	96	40683	48.932	ug/l	87
13) Acrolein	3.741	56	8498	128.136	ug/l	97
14) Allyl chloride	4.485	41	61879	49.230	ug/l	93
15) Acrylonitrile	5.174	53	34780	167.774	ug/l	99
16) Acetone	3.973	43	27203	120.788	ug/l	93
17) Carbon Disulfide	4.198	76	124685	46.980	ug/l	99
18) Methyl Acetate	4.491	43	21150	42.097	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	82998	41.450	ug/l	99
20) Methylene Chloride	4.722	84	42692	46.004	ug/l	98
21) trans-1,2-Dichloroethene	5.228	96	47571	50.295	ug/l	97
22) Diisopropyl ether	6.131	45	134867	48.861	ug/l	97
23) Vinyl Acetate	6.070	43	325134	194.402	ug/l	99
24) 1,1-Dichloroethane	6.027	63	85392	50.501	ug/l	96
25) 2-Butanone	6.996	43	43616	145.682	ug/l	97
26) 2,2-Dichloropropane	6.984	77	66386	47.200	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	49823	47.098	ug/l	95
28) Bromochloromethane	7.338	49	25629	39.585	ug/l	93
29) Tetrahydrofuran	7.356	42	29343	173.499	ug/l	97
30) Chloroform	7.515	83	84366	49.598	ug/l	100
31) Cyclohexane	7.789	56	77699	50.308	ug/l	95
32) 1,1,1-Trichloroethane	7.710	97	77632	53.059	ug/l	97
36) 1,1-Dichloropropene	7.923	75	71060	51.639	ug/l	98
37) Ethyl Acetate	7.082	43	21048	32.978	ug/l	100
38) Carbon Tetrachloride	7.905	117	68901	52.295	ug/l	99
39) Methylcyclohexane	9.185	83	83604	52.004	ug/l	98
40) Benzene	8.167	78	196250	49.940	ug/l	99

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Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	9999	33.066	ug/l #	80
42) 1,2-Dichloroethane	8.240	62	45490	43.721	ug/l	99
43) Isopropyl Acetate	8.277	43	43965	38.913	ug/l #	83
44) Trichloroethene	8.941	130	48238	48.357	ug/l	91
45) 1,2-Dichloropropane	9.222	63	46421	48.092	ug/l	100
46) Dibromomethane	9.307	93	21614	41.453	ug/l	95
47) Bromodichloromethane	9.502	83	59552	45.638	ug/l	98
48) Methyl methacrylate	9.295	41	21196	39.996	ug/l	95
49) 1,4-Dioxane	9.325	88	3725	656.362	ug/l #	70
51) 4-Methyl-2-Pentanone	10.075	43	115643	190.943	ug/l	99
52) Toluene	10.246	92	121178	51.087	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	51113	41.702	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	64926	44.225	ug/l	93
55) 1,1,2-Trichloroethane	10.648	97	28868	40.693	ug/l	98
56) Ethyl methacrylate	10.514	69	35281	37.748	ug/l	94
57) 1,3-Dichloropropane	10.788	76	50156	41.106	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	84694	191.638	ug/l	97
59) 2-Hexanone	10.831	43	76229	174.061	ug/l	98
60) Dibromochloromethane	10.984	129	34087	40.959	ug/l	98
61) 1,2-Dibromoethane	11.093	107	25640	38.862	ug/l	100
64) Tetrachloroethene	10.721	164	43917	55.532	ug/l	97
65) Chlorobenzene	11.520	112	115925	49.350	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	40919	47.933	ug/l	98
67) Ethyl Benzene	11.593	91	231330	54.489	ug/l	97
68) m/p-Xylenes	11.703	106	174389	108.241	ug/l	98
69) o-Xylene	12.032	106	78167	52.685	ug/l	97
70) Styrene	12.044	104	128802	52.689	ug/l	99
71) Bromoform	12.209	173	17846	39.917	ug/l #	96
73) Isopropylbenzene	12.331	105	220481	55.069	ug/l	100
74) N-amyl acetate	12.148	43	40085	44.558	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	31119	39.518	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	39105	77.741	ug/l #	100
77) Bromobenzene	12.611	156	41121	46.304	ug/l	99
78) n-propylbenzene	12.672	91	274658	55.856	ug/l	99
79) 2-Chlorotoluene	12.758	91	141991	52.524	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	174011	54.648	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	9043	37.355	ug/l	97
82) 4-Chlorotoluene	12.855	91	145406	52.261	ug/l	100
83) tert-Butylbenzene	13.075	119	151069	55.348	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	168298	53.547	ug/l	99
85) sec-Butylbenzene	13.251	105	239457	56.132	ug/l	100
86) p-Isopropyltoluene	13.373	119	187513	55.006	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	86464	48.805	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	83224	48.353	ug/l	99
89) n-Butylbenzene	13.696	91	181193	55.904	ug/l	98
90) Hexachloroethane	13.959	117	36361	51.957	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	70756	46.914	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3860	37.632	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	33833	45.163	ug/l	99
94) Hexachlorobutadiene	15.111	225	21107	47.839	ug/l	97
95) Naphthalene	15.239	128	58528	39.867	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	28554	44.816	ug/l	99

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ClientSampleId :
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QLast Update : Fri Feb 02 00:56:04 2024
Response via : Initial Calibration

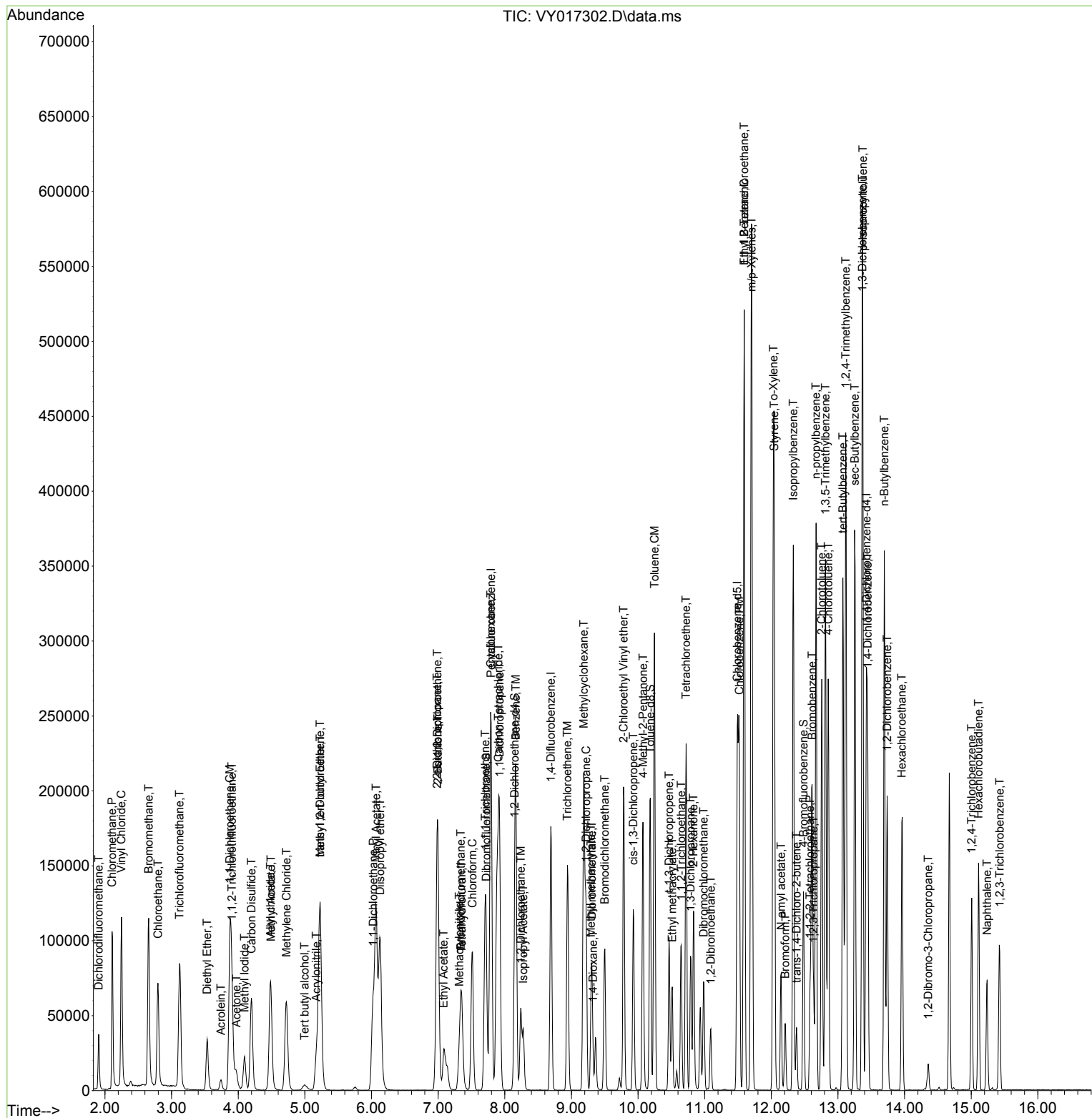
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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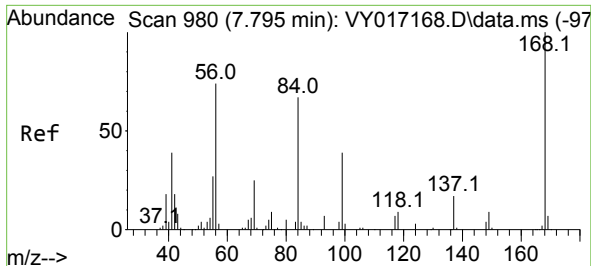
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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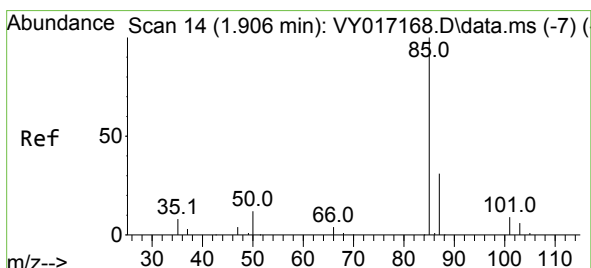
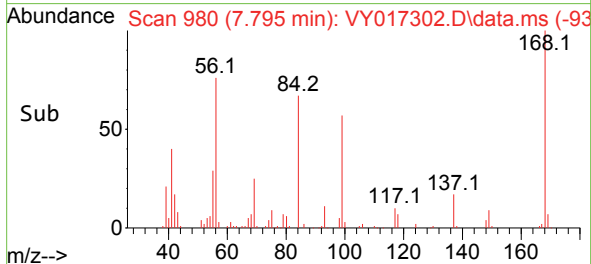
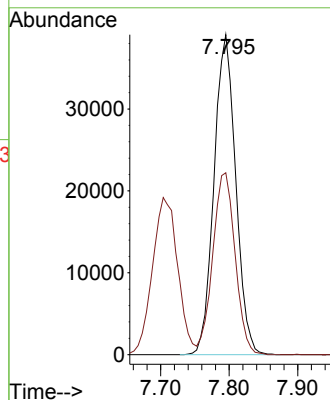
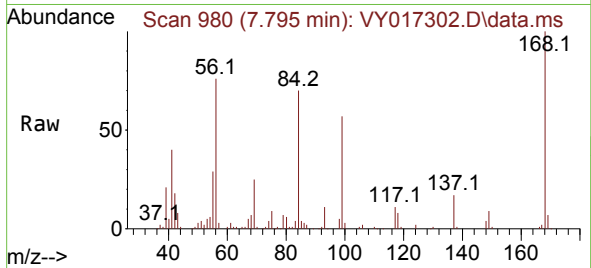




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017302.D
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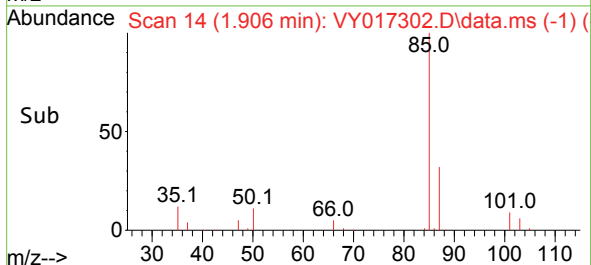
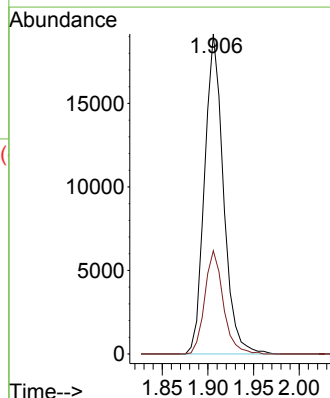
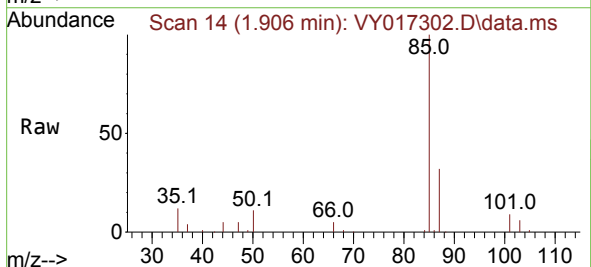
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

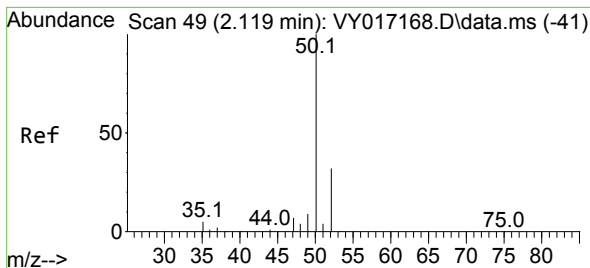
Tgt Ion:168 Resp: 85774
Ion Ratio Lower Upper
168 100
99 56.9 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 42.180 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY017302.D
Acq: 07 Feb 2024 20:22

Tgt Ion: 85 Resp: 27427
Ion Ratio Lower Upper
85 100
87 32.3 17.1 51.3





#3

Chloromethane

Concen: 73.960 ug/l

RT: 2.107 min Scan# 41

Delta R.T. -0.012 min

Lab File: VY017302.D

Acq: 07 Feb 2024 20:22

Instrument :

MSVOA_Y

ClientSampleId :

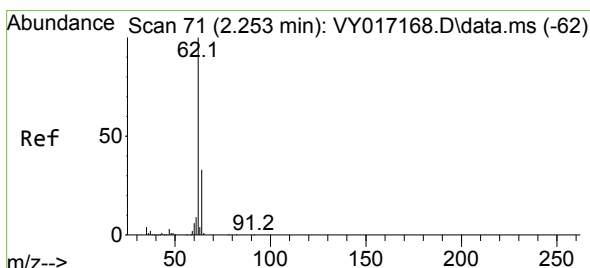
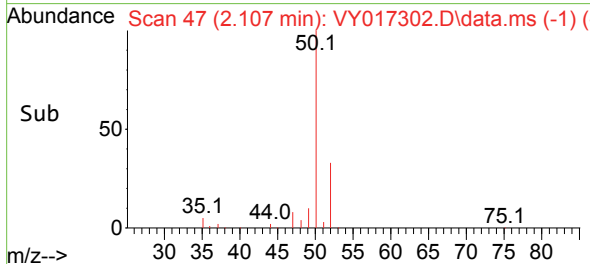
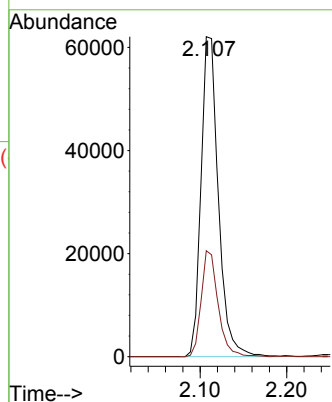
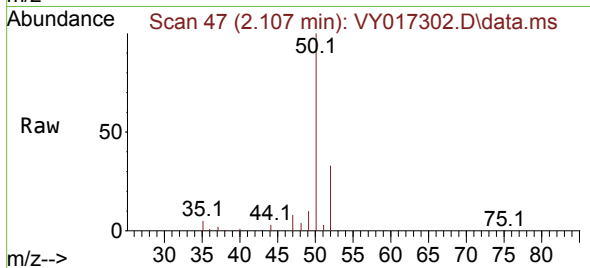
VSTDCCC050EC

Tgt Ion: 50 Resp: 86393

Ion Ratio Lower Upper

50 100

52 33.1 26.7 40.1



#4

Vinyl Chloride

Concen: 74.290 ug/l

RT: 2.247 min Scan# 70

Delta R.T. -0.006 min

Lab File: VY017302.D

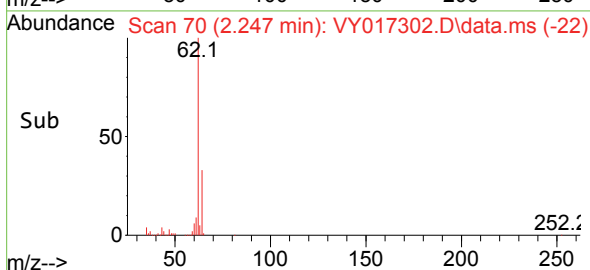
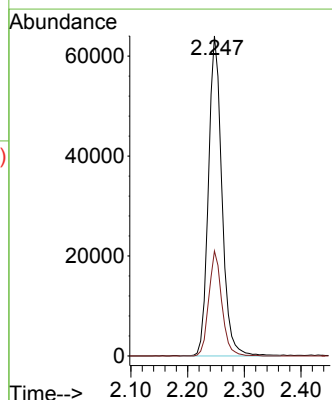
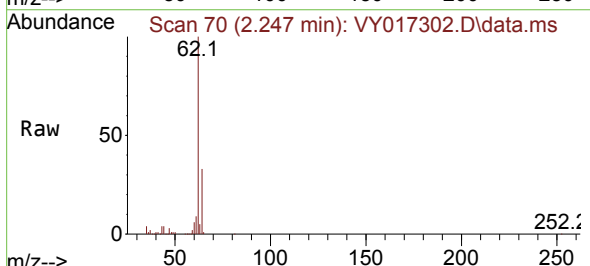
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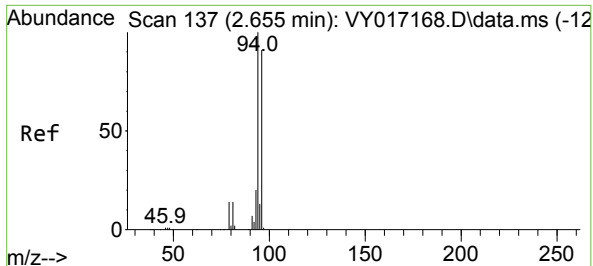
Tgt Ion: 62 Resp: 105750

Ion Ratio Lower Upper

62 100

64 32.8 25.7 38.5

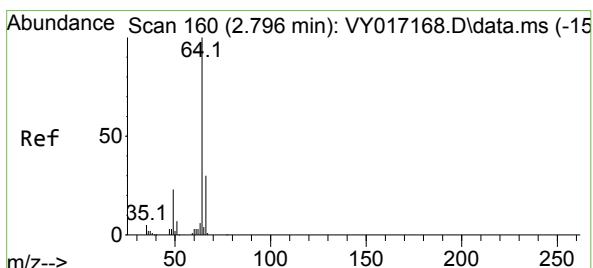
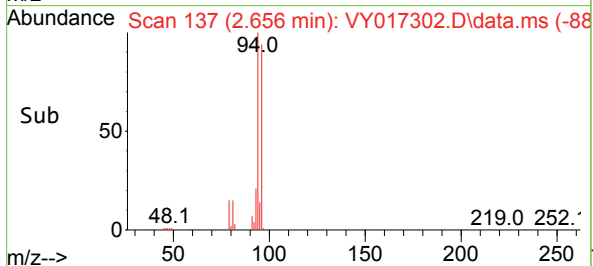
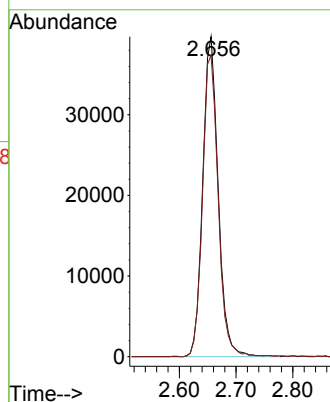
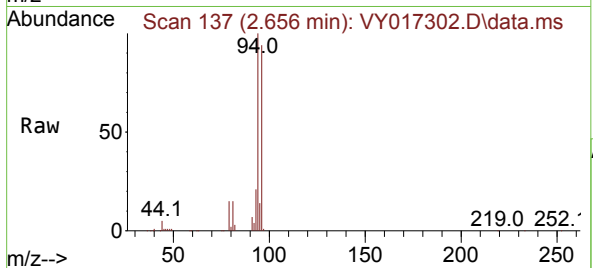




#5
Bromomethane
Concen: 76.258 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017302.D
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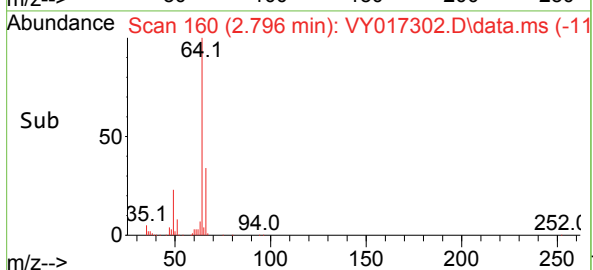
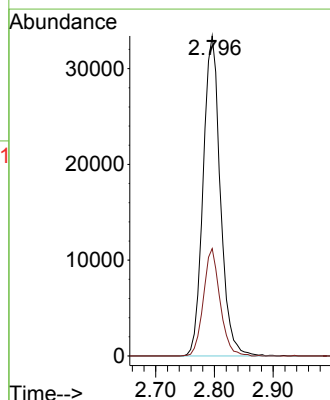
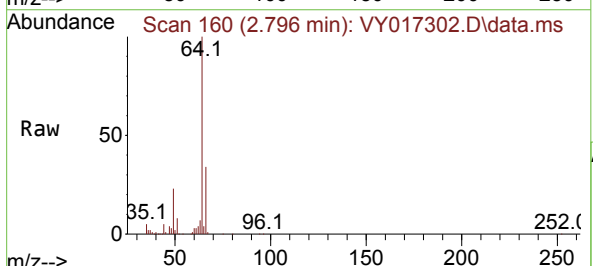
Instrument :
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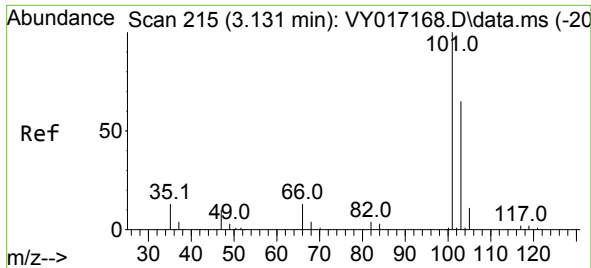
Tgt Ion: 94 Resp: 75246
Ion Ratio Lower Upper
94 100
96 94.1 77.3 115.9



#6
Chloroethane
Concen: 73.955 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY017302.D
Acq: 07 Feb 2024 20:22

Tgt Ion: 64 Resp: 67973
Ion Ratio Lower Upper
64 100
66 33.5 25.1 37.7

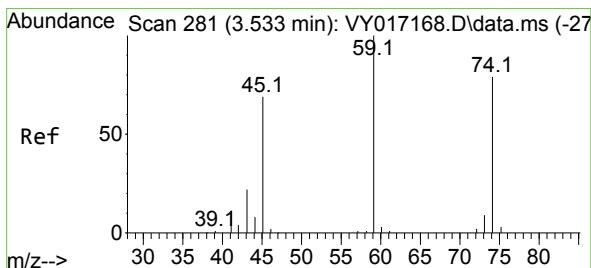
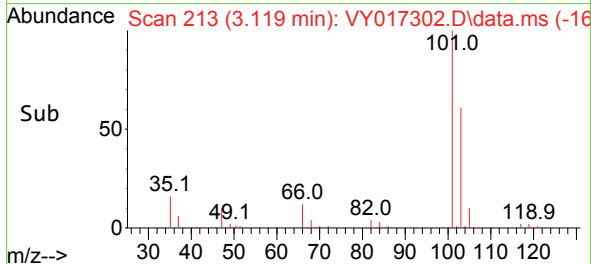
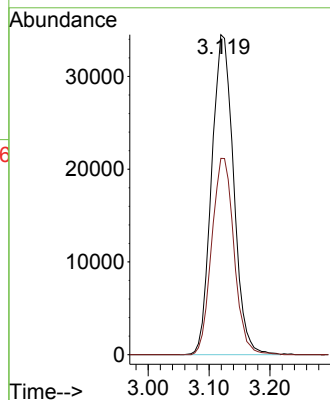
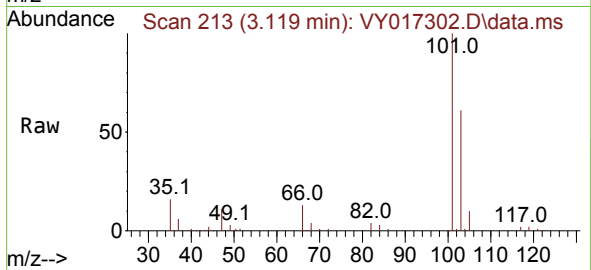




#7
 Trichlorofluoromethane
 Concen: 59.074 ug/l
 RT: 3.119 min Scan# 215
 Delta R.T. -0.012 min
 Lab File: VY017302.D
 Acq: 07 Feb 2024 20:22

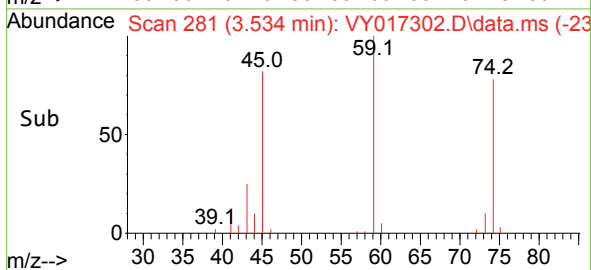
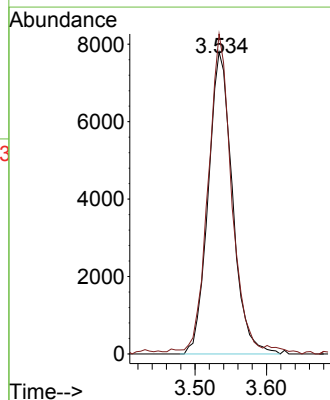
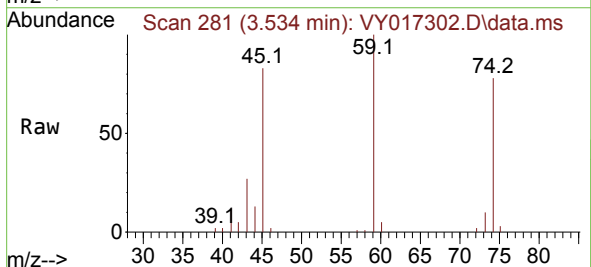
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

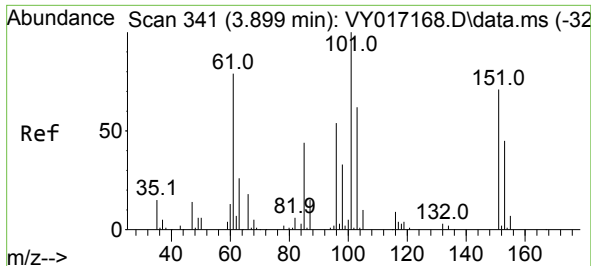
Tgt Ion:101 Resp: 86469
 Ion Ratio Lower Upper
 101 100
 103 61.3 51.9 77.9



#8
 Diethyl Ether
 Concen: 39.850 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.000 min
 Lab File: VY017302.D
 Acq: 07 Feb 2024 20:22

Tgt Ion: 74 Resp: 18348
 Ion Ratio Lower Upper
 74 100
 45 100.9 47.9 143.7

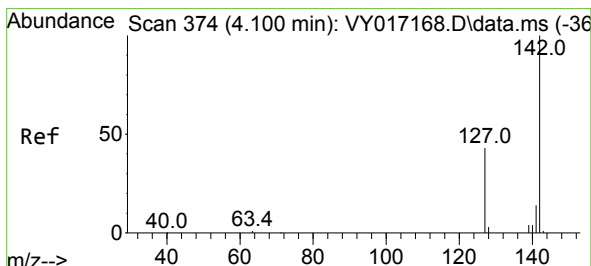
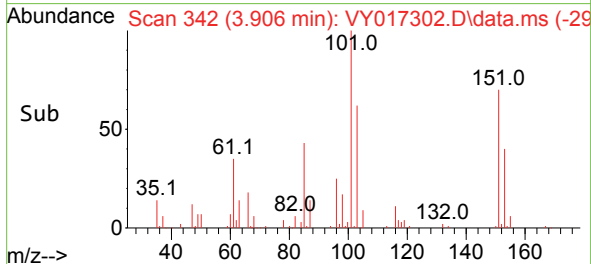
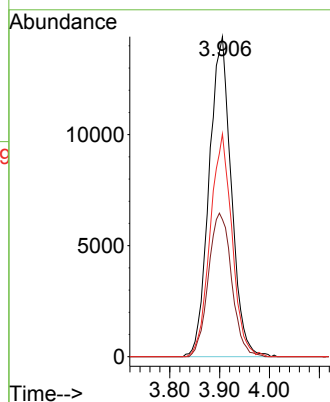
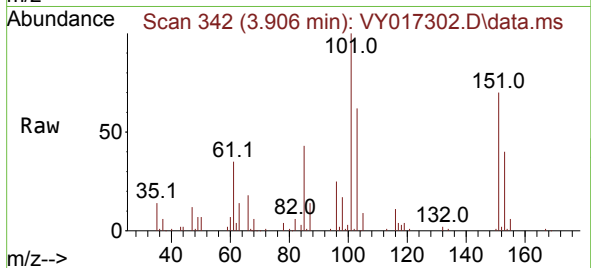




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.068 ug/l
RT: 3.906 min Scan# 341
Delta R.T. 0.007 min
Lab File: VY017302.D
Acq: 07 Feb 2024 20:22

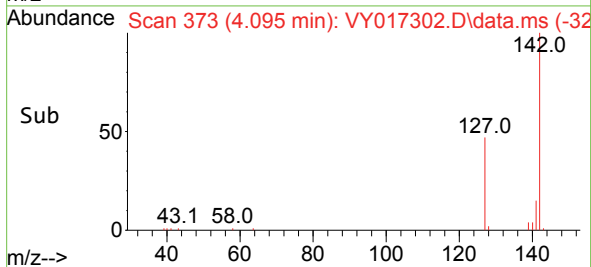
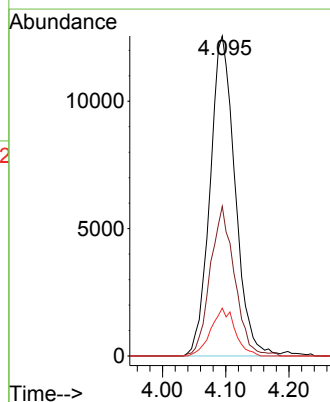
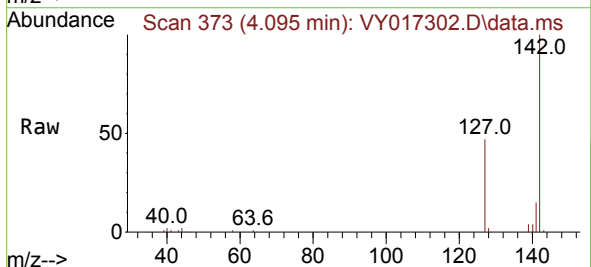
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

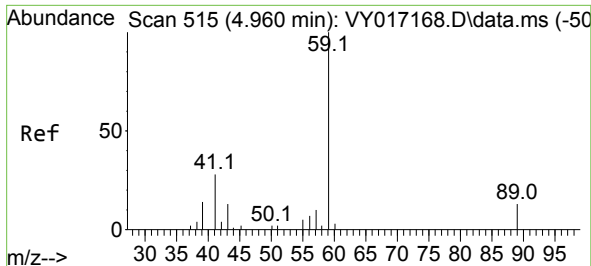
Tgt Ion:101 Resp: 44426
Ion Ratio Lower Upper
101 100
85 47.1 35.8 53.6
151 68.7 58.6 88.0



#10
Methyl Iodide
Concen: 37.051 ug/l
RT: 4.095 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY017302.D
Acq: 07 Feb 2024 20:22

Tgt Ion:142 Resp: 34562
Ion Ratio Lower Upper
142 100
127 45.5 35.1 52.7
141 14.4 11.8 17.6

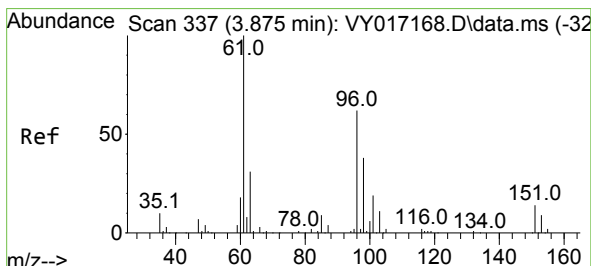
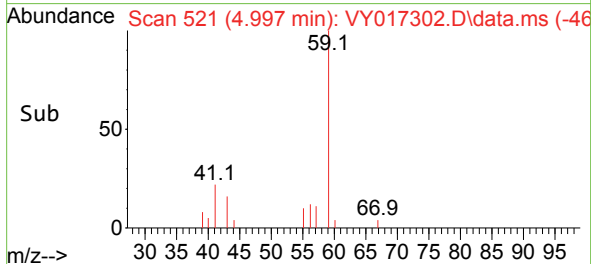
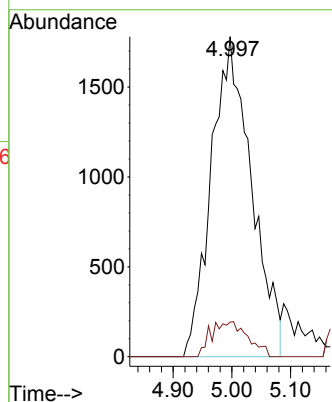
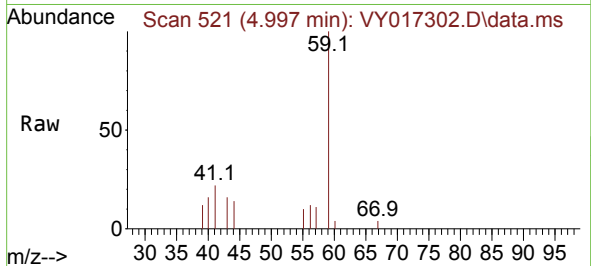




#11
Tert butyl alcohol
Concen: 122.584 ug/l
RT: 4.997 min Scan# 51
Delta R.T. 0.037 min
Lab File: VY017302.D
Acq: 07 Feb 2024 20:22

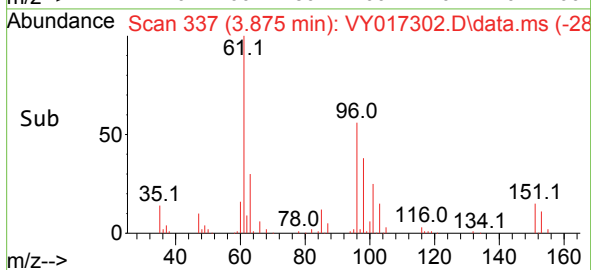
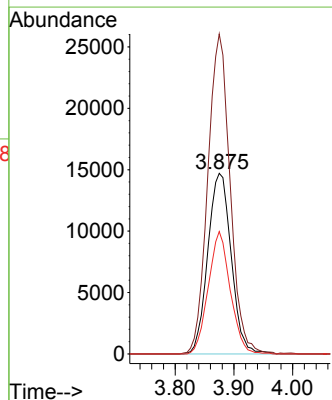
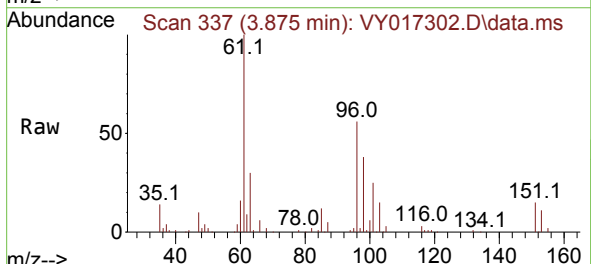
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

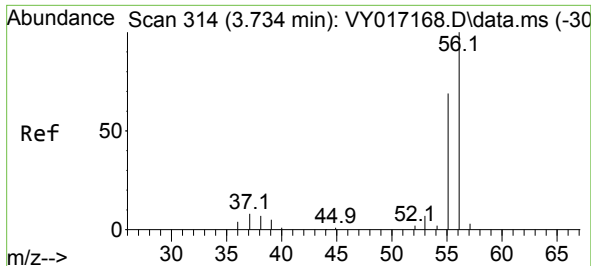
Tgt Ion: 59 Resp: 8448
Ion Ratio Lower Upper
59 100
57 10.0 7.4 11.0



#12
1,1-Dichloroethene
Concen: 48.932 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY017302.D
Acq: 07 Feb 2024 20:22

Tgt Ion: 96 Resp: 40683
Ion Ratio Lower Upper
96 100
61 177.2 124.2 186.2
98 67.7 52.6 79.0





#13

Acrolein

Concen: 128.136 ug/l

RT: 3.741 min Scan# 314

Delta R.T. 0.007 min

Lab File: VY017302.D

Acq: 07 Feb 2024 20:22

Instrument :

MSVOA_Y

ClientSampleId :

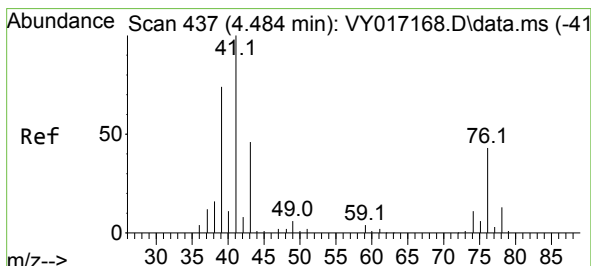
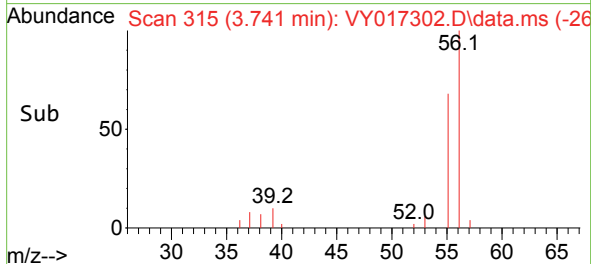
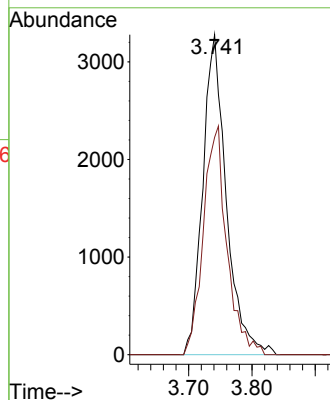
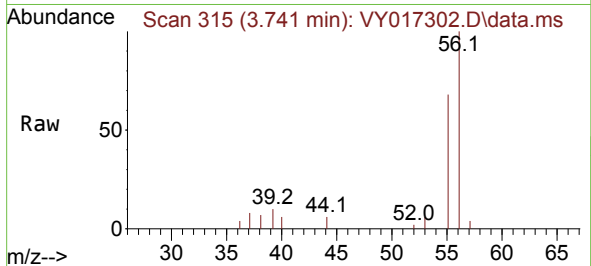
VSTDCCC050EC

Tgt Ion: 56 Resp: 8498

Ion Ratio Lower Upper

56 100

55 71.3 55.4 83.0



#14

Allyl chloride

Concen: 49.230 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY017302.D

Acq: 07 Feb 2024 20:22

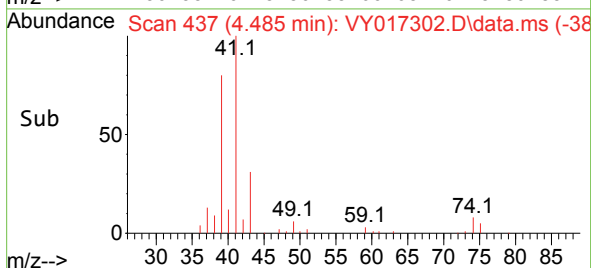
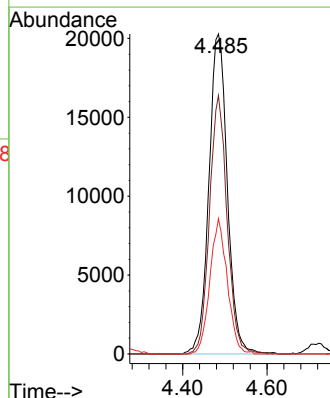
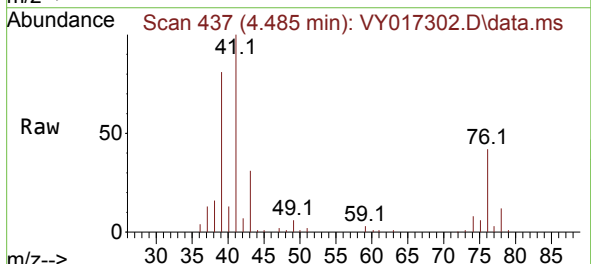
Tgt Ion: 41 Resp: 61879

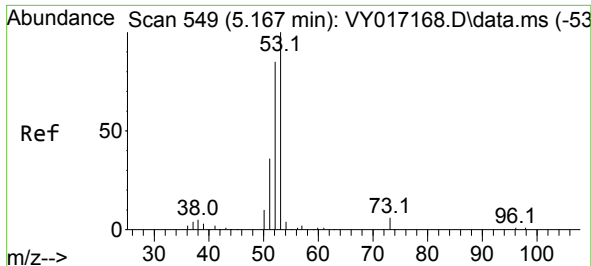
Ion Ratio Lower Upper

41 100

39 77.0 54.7 82.1

76 39.8 31.8 47.6

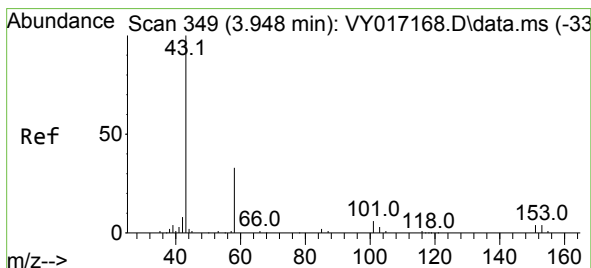
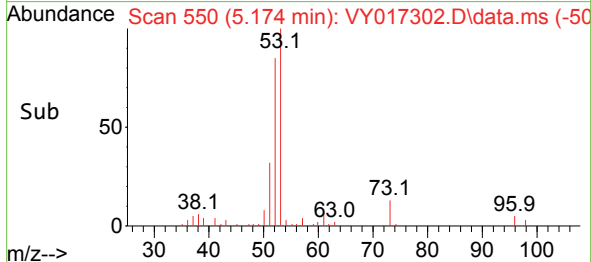
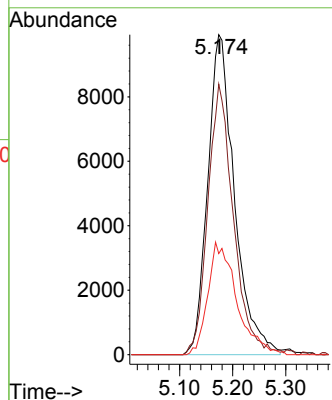
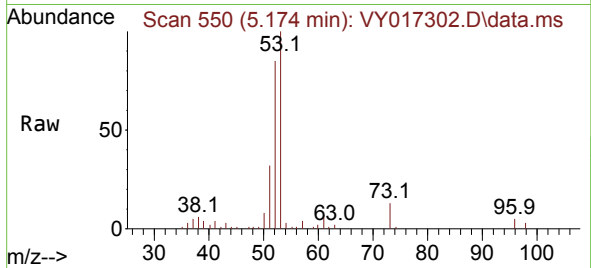




#15
Acrylonitrile
Concen: 167.774 ug/l
RT: 5.174 min Scan# 51
Delta R.T. 0.007 min
Lab File: VY017302.D
Acq: 07 Feb 2024 20:22

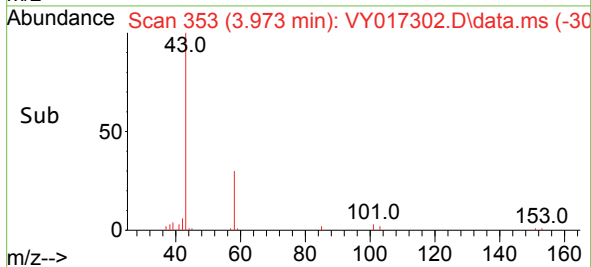
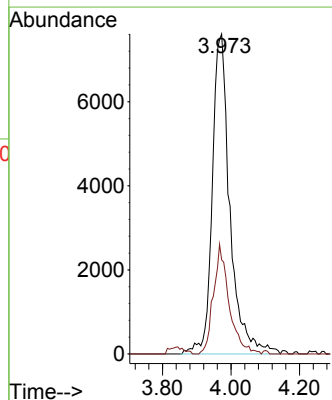
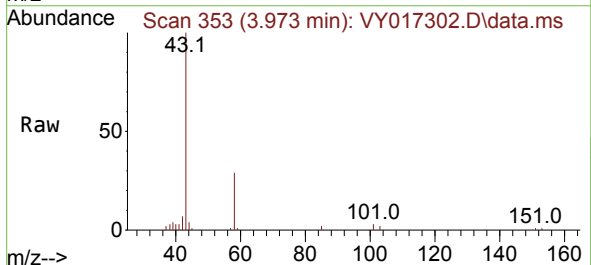
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

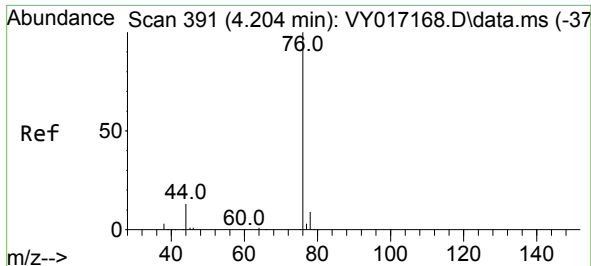
Tgt Ion: 53 Resp: 34780
Ion Ratio Lower Upper
53 100
52 80.9 65.1 97.7
51 38.0 29.0 43.4



#16
Acetone
Concen: 120.788 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.025 min
Lab File: VY017302.D
Acq: 07 Feb 2024 20:22

Tgt Ion: 43 Resp: 27203
Ion Ratio Lower Upper
43 100
58 29.4 26.6 39.8

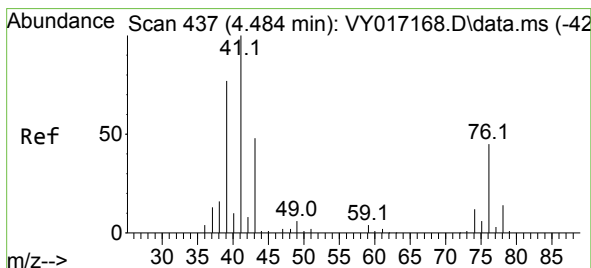
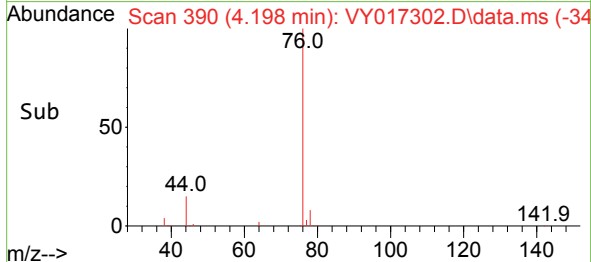
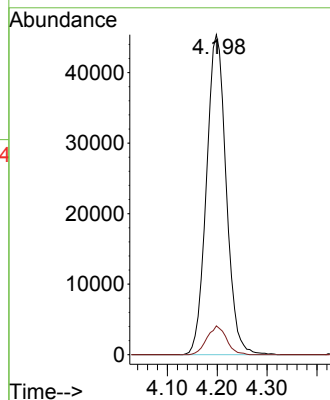
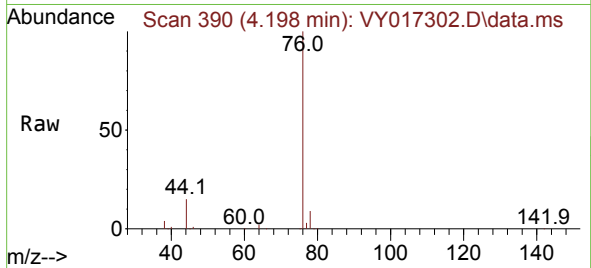




#17
Carbon Disulfide
Concen: 46.980 ug/l
RT: 4.198 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY017302.D
Acq: 07 Feb 2024 20:22

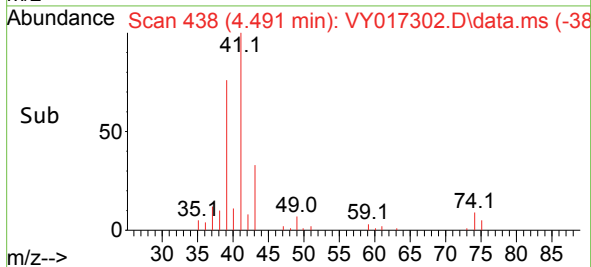
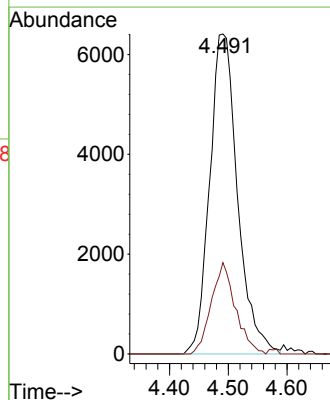
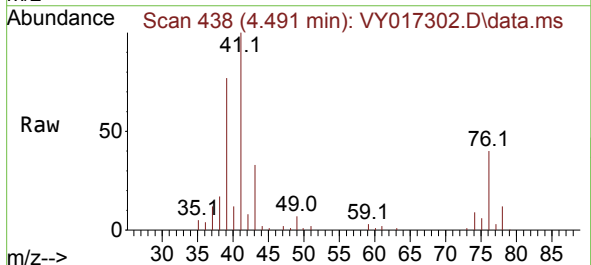
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

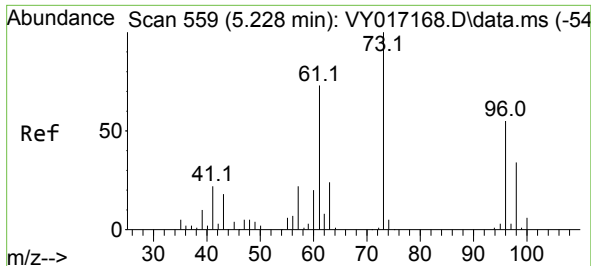
Tgt Ion: 76 Resp: 124685
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 42.097 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY017302.D
Acq: 07 Feb 2024 20:22

Tgt Ion: 43 Resp: 21150
Ion Ratio Lower Upper
43 100
74 24.8 19.8 29.6

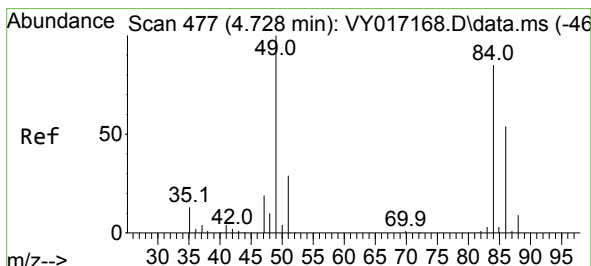
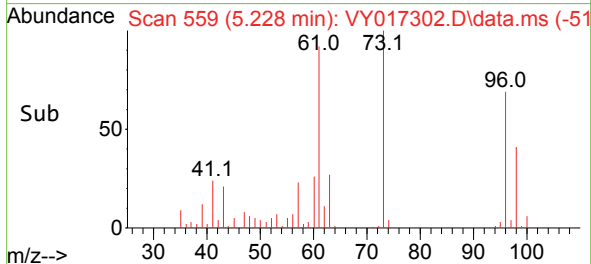
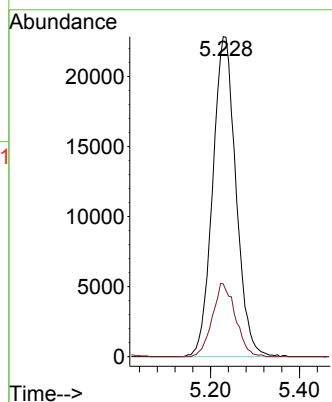
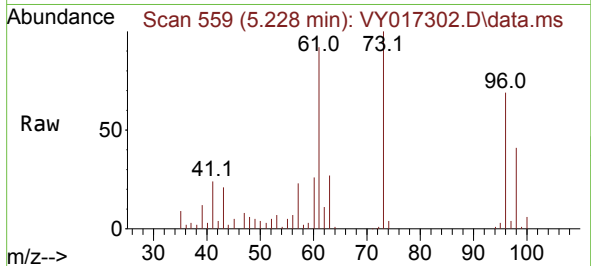




#19
Methyl tert-butyl Ether
Concen: 41.450 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017302.D
Acq: 07 Feb 2024 20:22

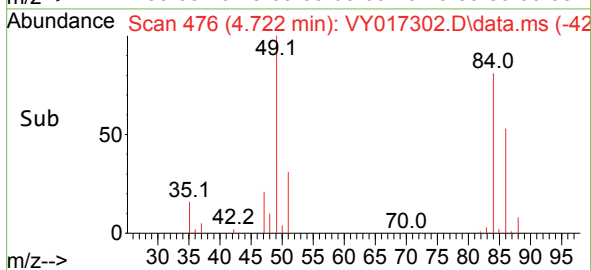
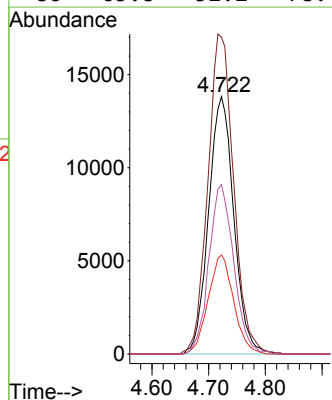
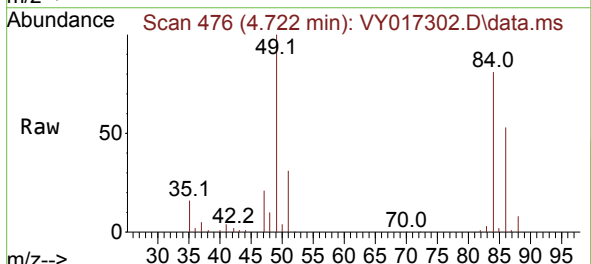
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

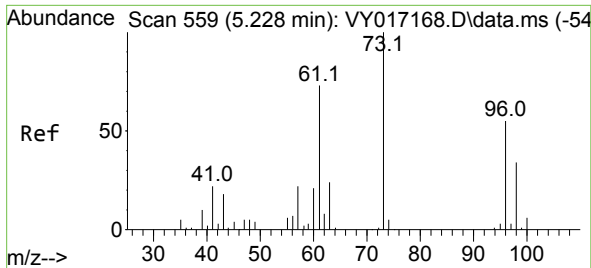
Tgt Ion: 73 Resp: 82998
Ion Ratio Lower Upper
73 100
57 22.7 17.7 26.5



#20
Methylene Chloride
Concen: 46.004 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY017302.D
Acq: 07 Feb 2024 20:22

Tgt Ion: 84 Resp: 42692
Ion Ratio Lower Upper
84 100
49 123.0 95.2 142.8
51 38.4 29.9 44.9
86 65.8 52.2 78.4



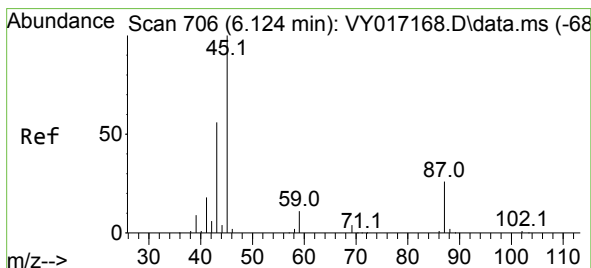
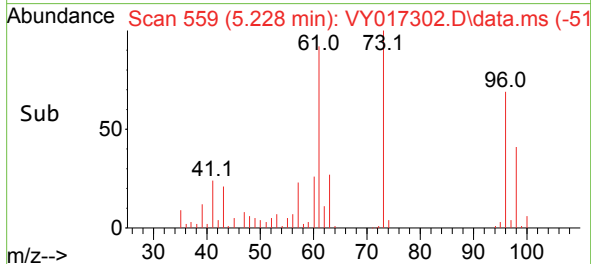
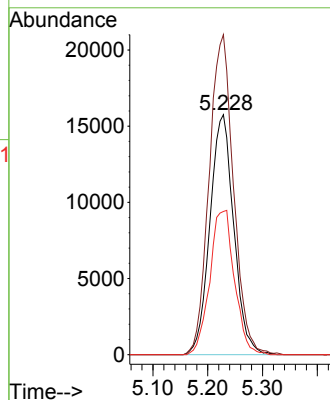
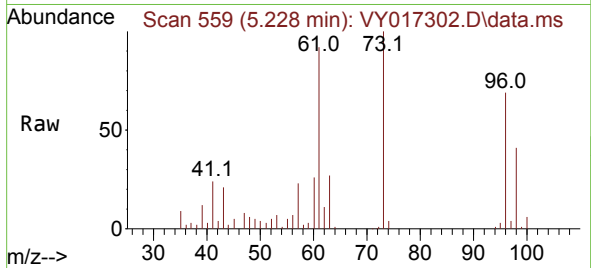


#21
trans-1,2-Dichloroethene
Concen: 50.295 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017302.D
Acq: 07 Feb 2024 20:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 47571

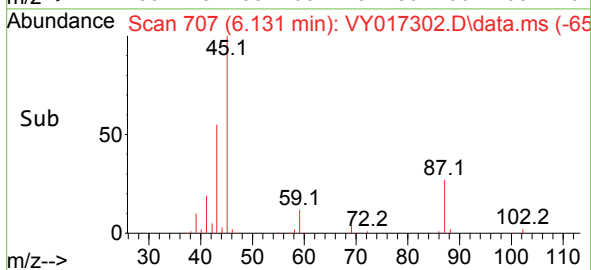
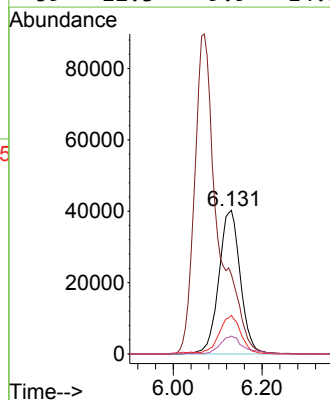
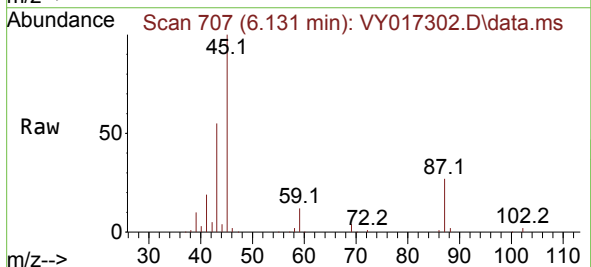
Ion	Ratio	Lower	Upper
96	100		
61	133.3	104.6	156.8
98	59.7	50.9	76.3

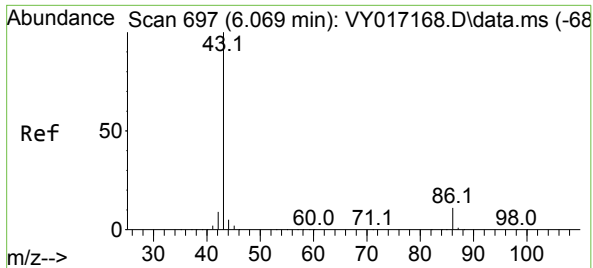


#22
Diisopropyl ether
Concen: 48.861 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY017302.D
Acq: 07 Feb 2024 20:22

Tgt Ion: 45 Resp: 134867

Ion	Ratio	Lower	Upper
45	100		
43	55.1	46.8	70.2
87	26.9	22.2	33.2
59	12.3	9.9	14.9

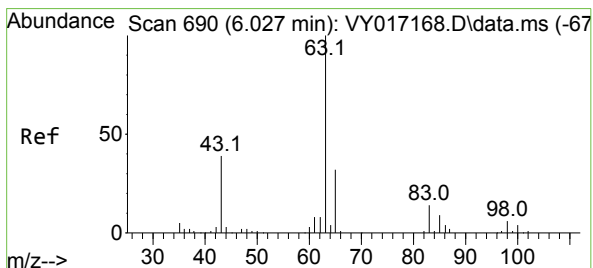
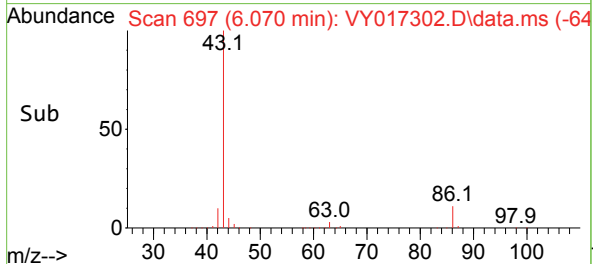
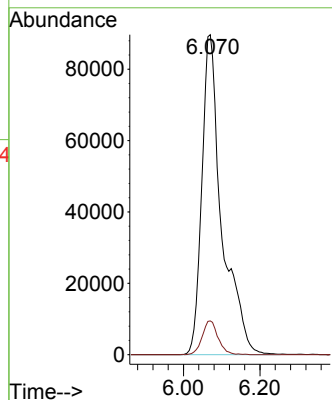
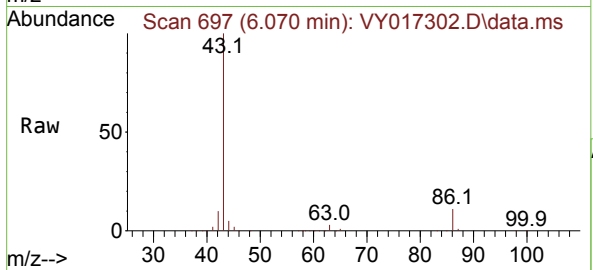




#23
 Vinyl Acetate
 Concen: 194.402 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY017302.D
 Acq: 07 Feb 2024 20:22

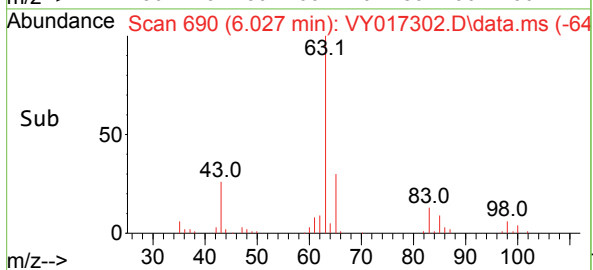
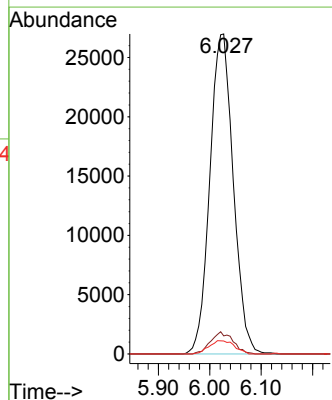
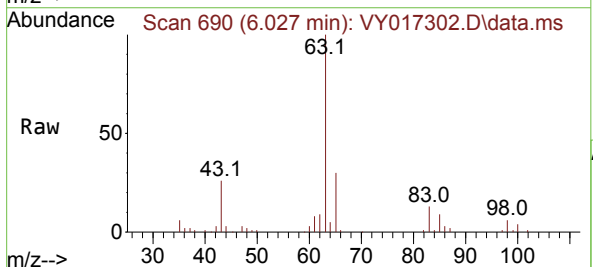
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

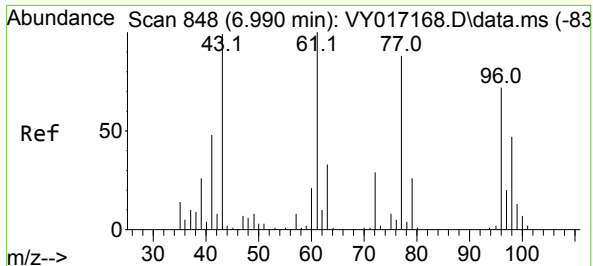
Tgt Ion: 43 Resp: 325134
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 50.501 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY017302.D
 Acq: 07 Feb 2024 20:22

Tgt Ion: 63 Resp: 85392
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.8 11.4
 100 4.1 2.1 6.2





#25

2-Butanone

Concen: 145.682 ug/l

RT: 6.996 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY017302.D

Acq: 07 Feb 2024 20:22

Instrument :

MSVOA_Y

ClientSampleId :

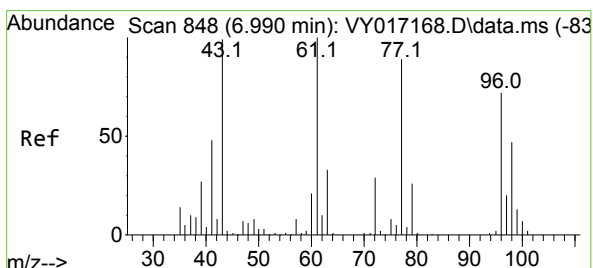
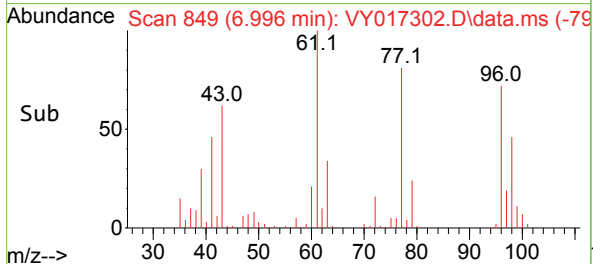
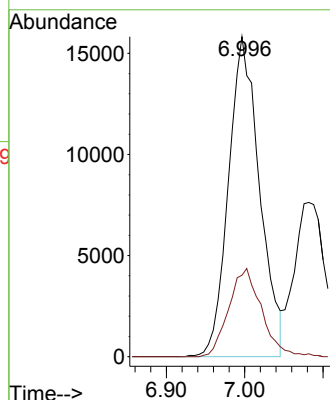
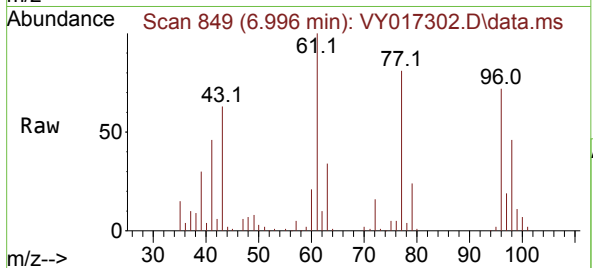
VSTDCCC050EC

Tgt Ion: 43 Resp: 43616

Ion Ratio Lower Upper

43 100

72 25.5 21.4 32.2



#26

2,2-Dichloropropane

Concen: 47.200 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY017302.D

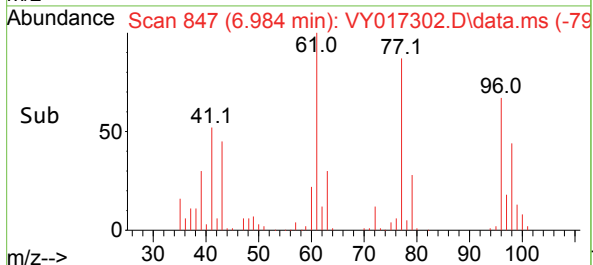
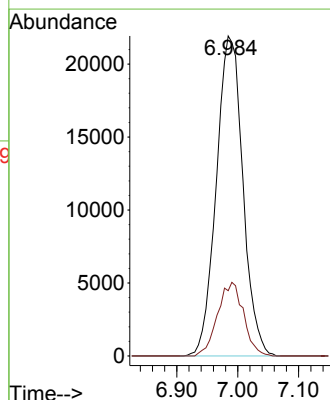
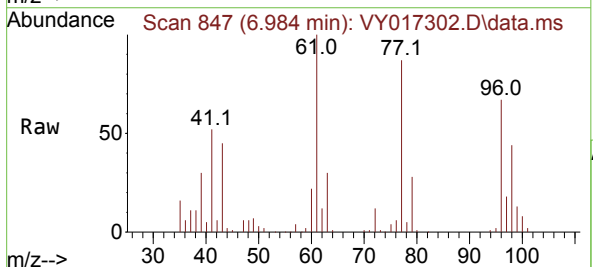
Acq: 07 Feb 2024 20:22

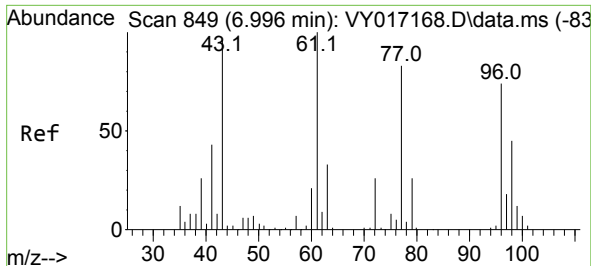
Tgt Ion: 77 Resp: 66386

Ion Ratio Lower Upper

77 100

97 22.4 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 47.098 ug/l

RT: 6.990 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY017302.D

Acq: 07 Feb 2024 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

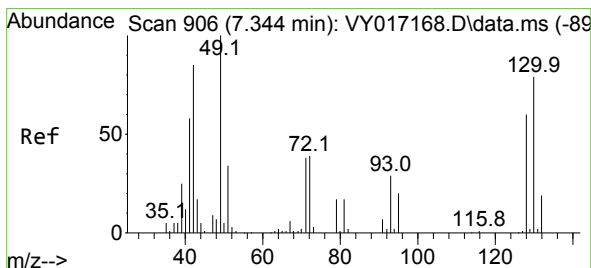
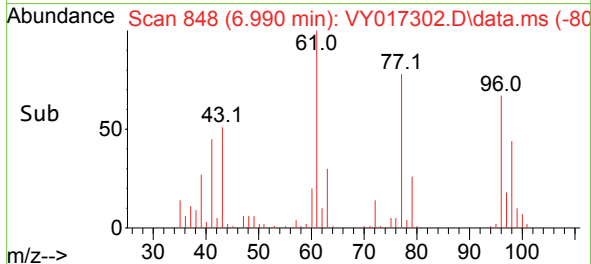
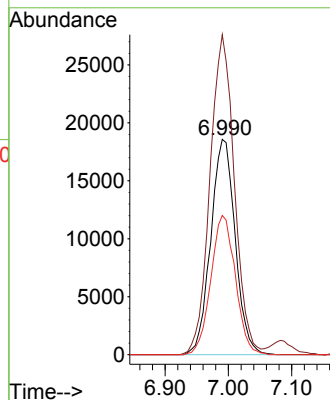
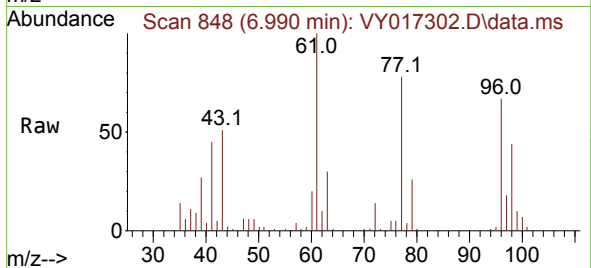
Tgt Ion: 96 Resp: 49823

Ion Ratio Lower Upper

96 100

61 148.1 0.0 278.8

98 64.9 0.0 127.0



#28

Bromochloromethane

Concen: 39.585 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY017302.D

Acq: 07 Feb 2024 20:22

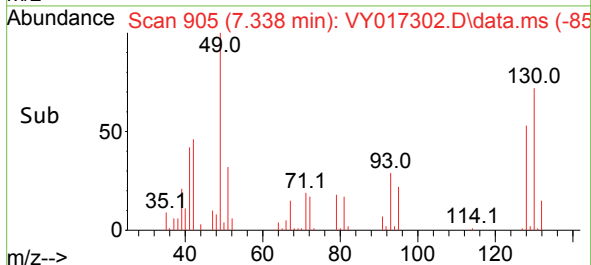
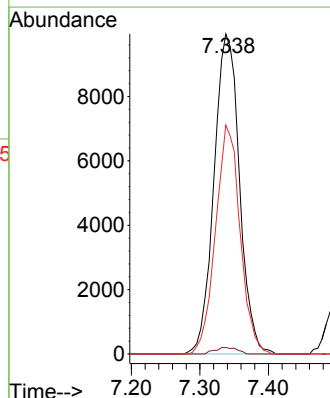
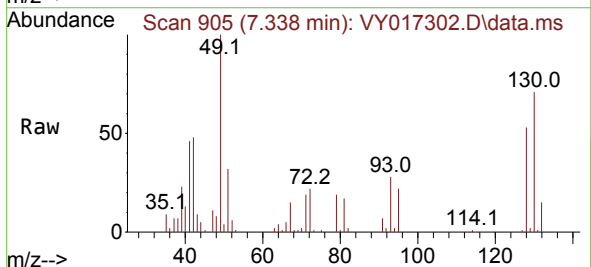
Tgt Ion: 49 Resp: 25629

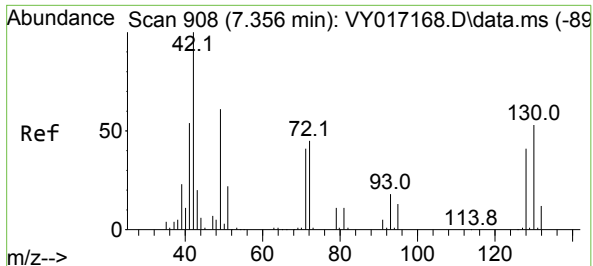
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 69.0 59.8 89.8





#29

Tetrahydrofuran

Concen: 173.499 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY017302.D

Acq: 07 Feb 2024 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

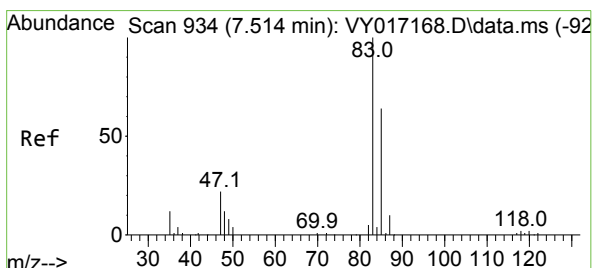
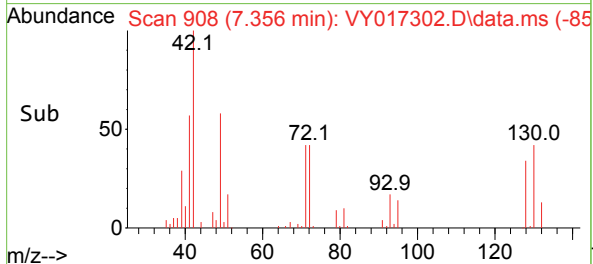
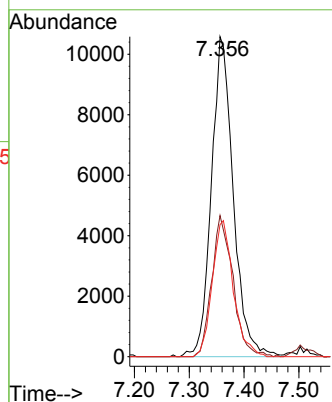
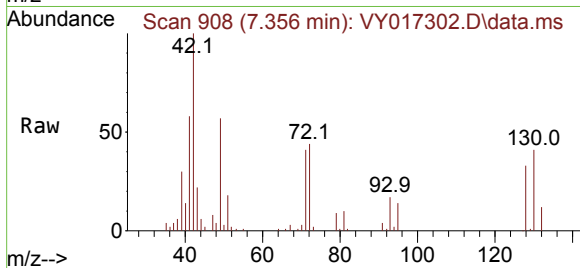
Tgt Ion: 42 Resp: 29343

Ion Ratio Lower Upper

42 100

72 42.7 36.6 54.8

71 41.0 33.8 50.6



#30

Chloroform

Concen: 49.598 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.000 min

Lab File: VY017302.D

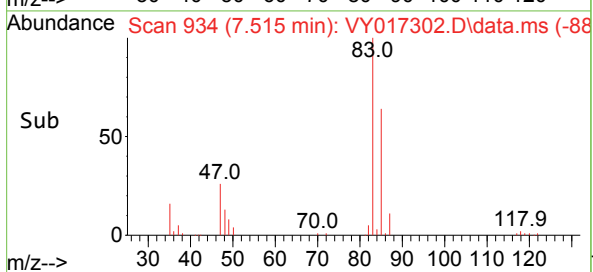
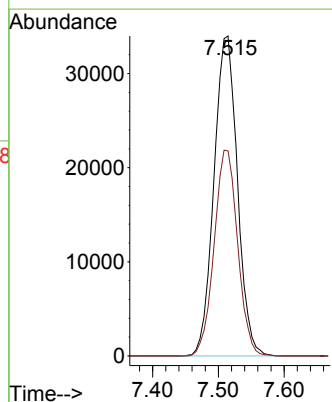
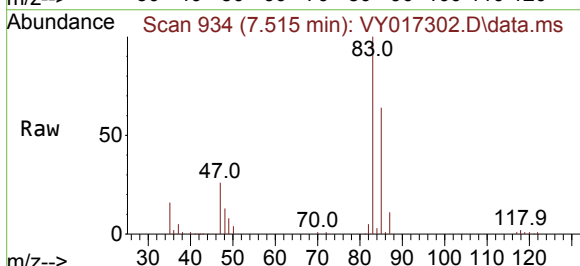
Acq: 07 Feb 2024 20:22

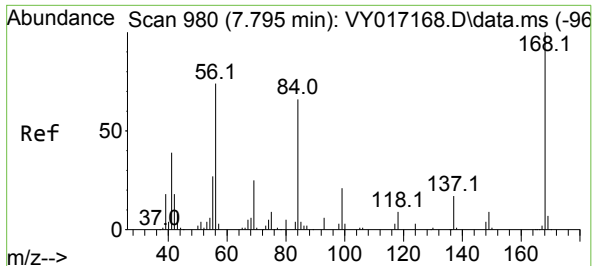
Tgt Ion: 83 Resp: 84366

Ion Ratio Lower Upper

83 100

85 64.1 51.2 76.8

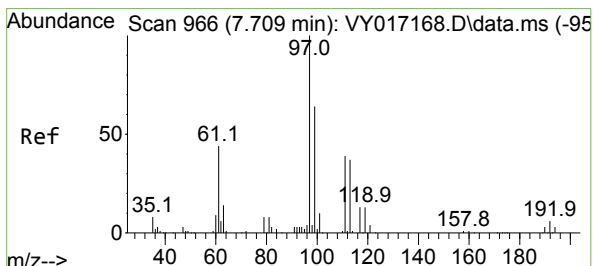
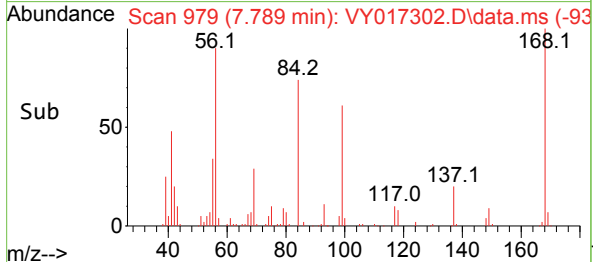
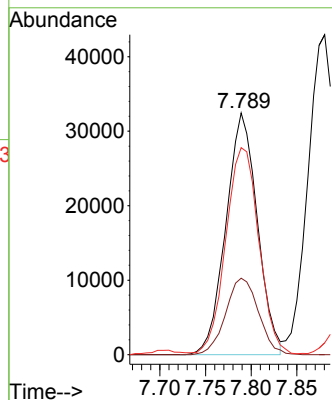
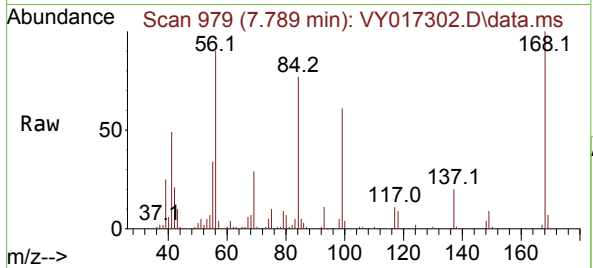




#31
Cyclohexane
Concen: 50.308 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017302.D
Acq: 07 Feb 2024 20:22

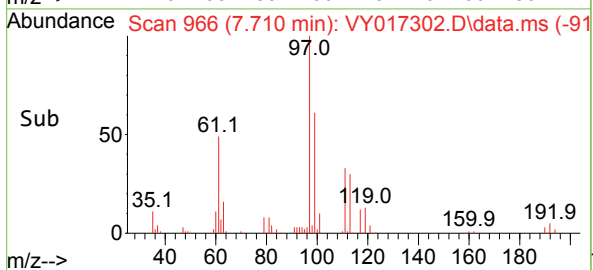
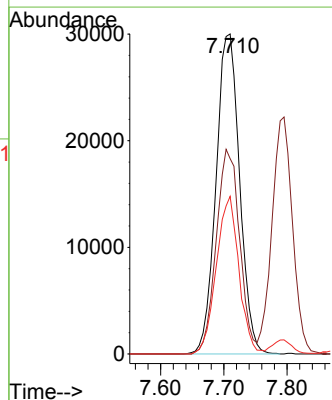
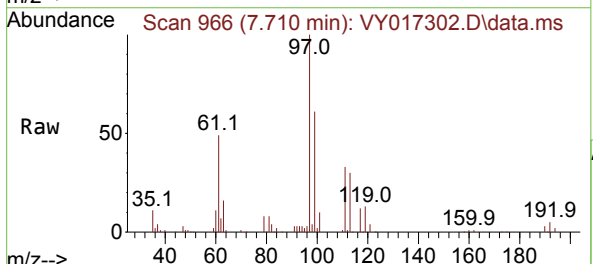
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

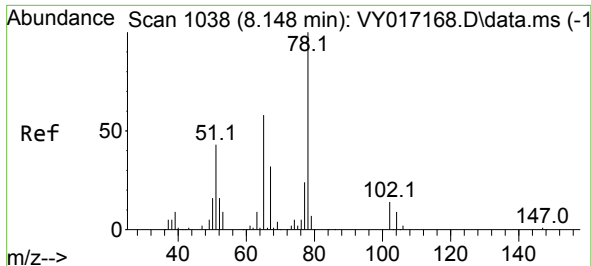
Tgt Ion: 56 Resp: 77699
Ion Ratio Lower Upper
56 100
69 31.6 27.0 40.6
84 84.6 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 53.059 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY017302.D
Acq: 07 Feb 2024 20:22

Tgt Ion: 97 Resp: 77632
Ion Ratio Lower Upper
97 100
99 63.6 51.2 76.8
61 47.3 35.0 52.6

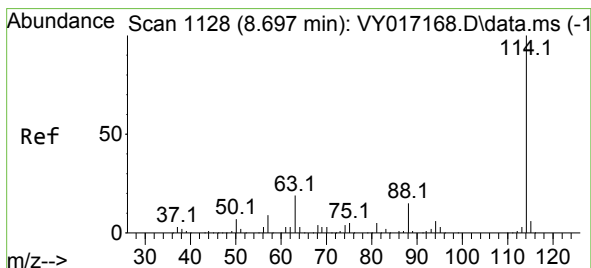
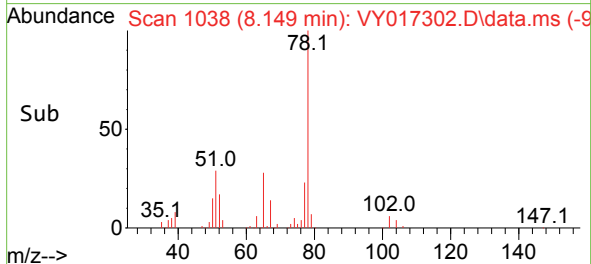
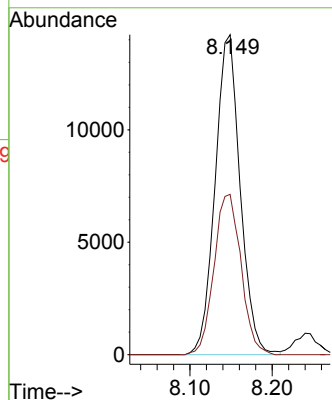
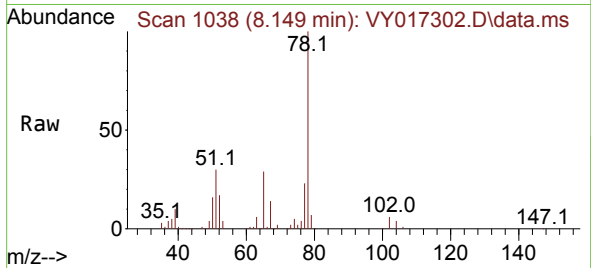




#33
1,2-Dichloroethane-d4
Concen: 39.432 ug/l
RT: 8.149 min Scan# 1103
Delta R.T. 0.000 min
Lab File: VY017302.D
Acq: 07 Feb 2024 20:22

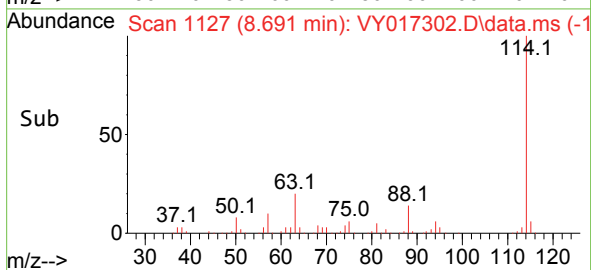
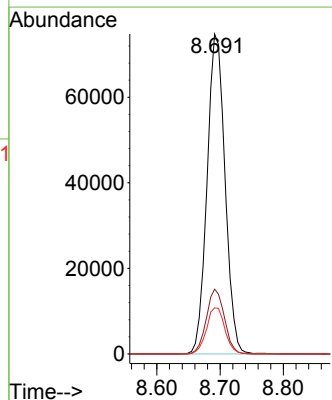
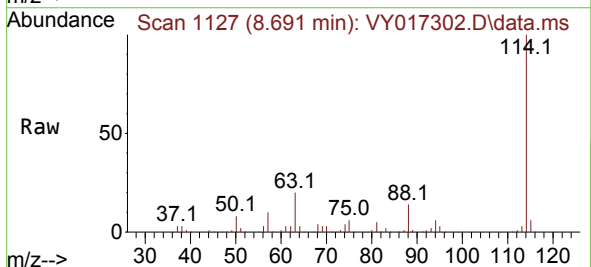
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

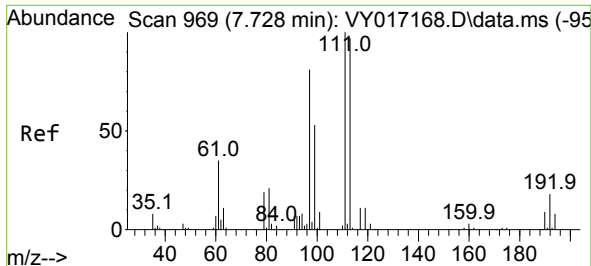
Tgt Ion: 65 Resp: 30215
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY017302.D
Acq: 07 Feb 2024 20:22

Tgt Ion: 114 Resp: 147752
Ion Ratio Lower Upper
114 100
63 20.3 0.0 37.4
88 14.4 0.0 29.0

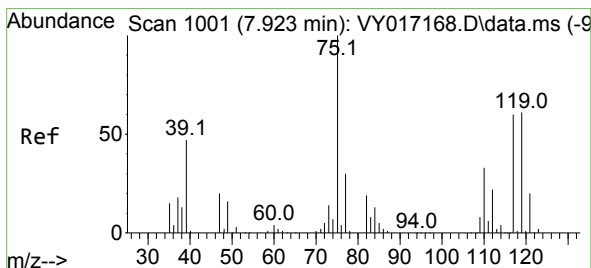
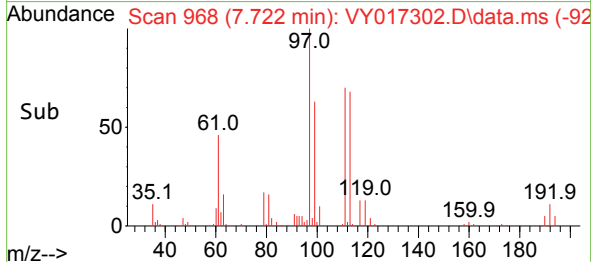
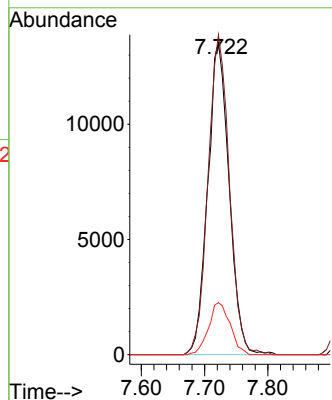
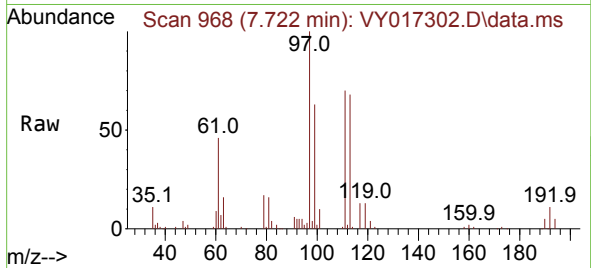




#35
Dibromofluoromethane
Concen: 39.852 ug/l
RT: 7.722 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY017302.D
Acq: 07 Feb 2024 20:22

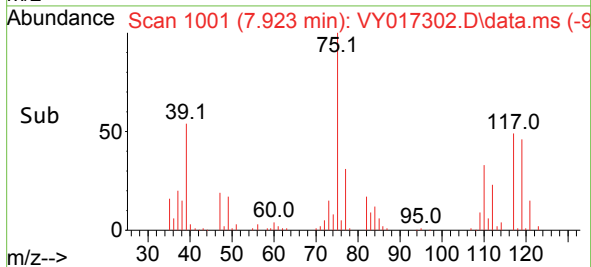
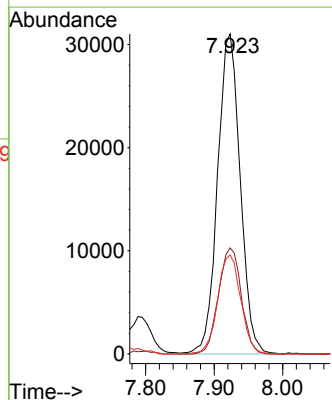
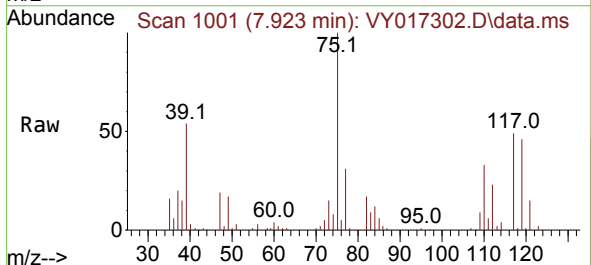
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

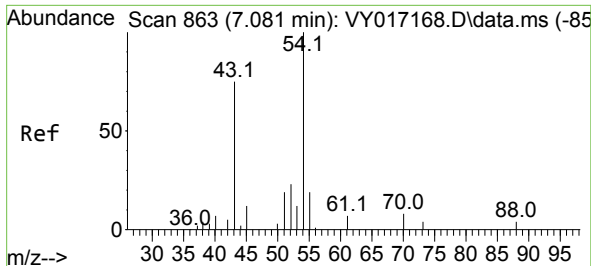
Tgt Ion:113 Resp: 31793
Ion Ratio Lower Upper
113 100
111 102.3 83.8 125.6
192 16.9 14.5 21.7



#36
1,1-Dichloropropene
Concen: 51.639 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY017302.D
Acq: 07 Feb 2024 20:22

Tgt Ion: 75 Resp: 71060
Ion Ratio Lower Upper
75 100
110 33.4 17.4 52.3
77 31.4 24.7 37.1





#37

Ethyl Acetate

Concen: 32.978 ug/l

RT: 7.082 min Scan# 8

Delta R.T. 0.000 min

Lab File: VY017302.D

Acq: 07 Feb 2024 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

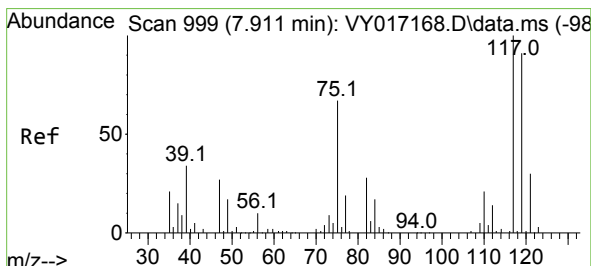
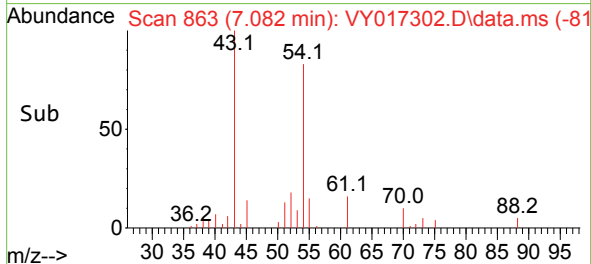
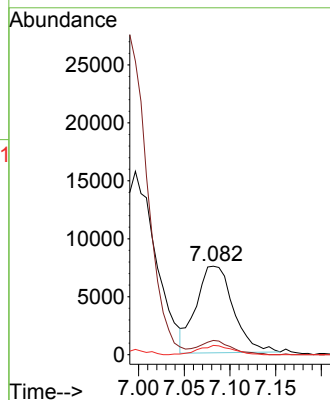
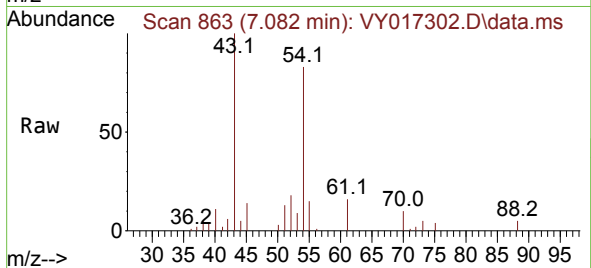
Tgt Ion: 43 Resp: 21048

Ion Ratio Lower Upper

43 100

61 13.7 11.0 16.6

70 9.7 8.1 12.1



#38

Carbon Tetrachloride

Concen: 52.295 ug/l

RT: 7.905 min Scan# 998

Delta R.T. -0.006 min

Lab File: VY017302.D

Acq: 07 Feb 2024 20:22

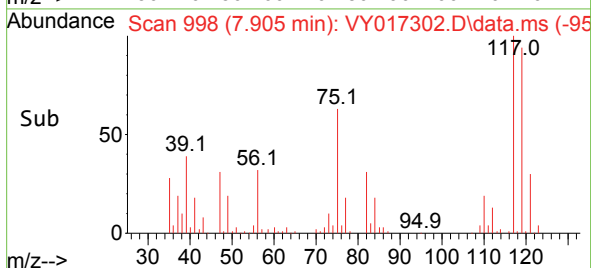
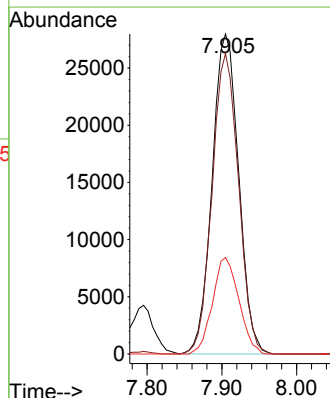
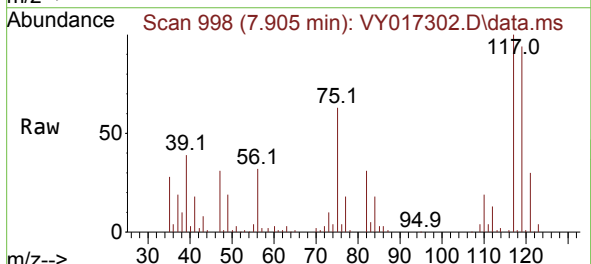
Tgt Ion: 117 Resp: 68901

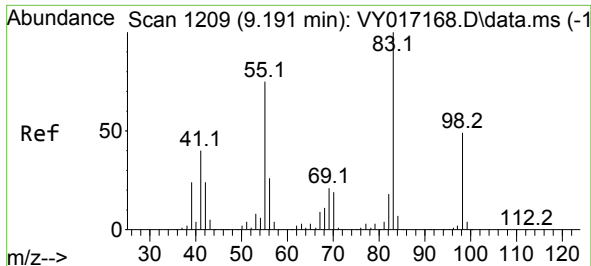
Ion Ratio Lower Upper

117 100

119 93.9 76.0 114.0

121 30.2 24.2 36.2





#39

Methylcyclohexane

Concen: 52.004 ug/l

RT: 9.185 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017302.D

Acq: 07 Feb 2024 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

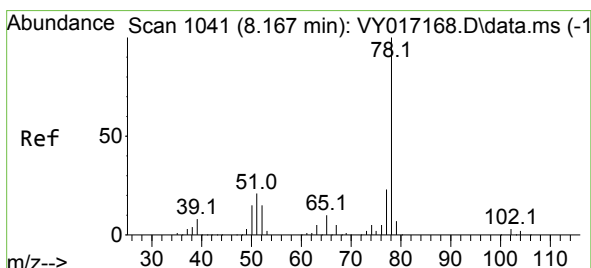
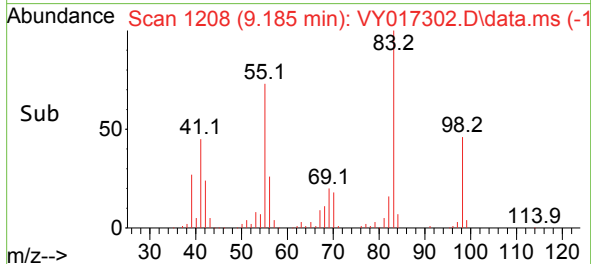
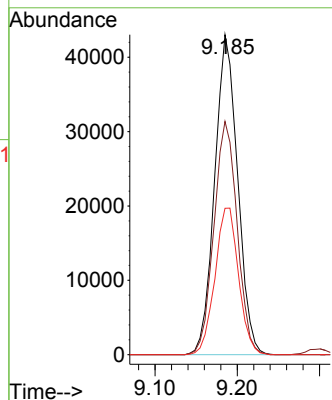
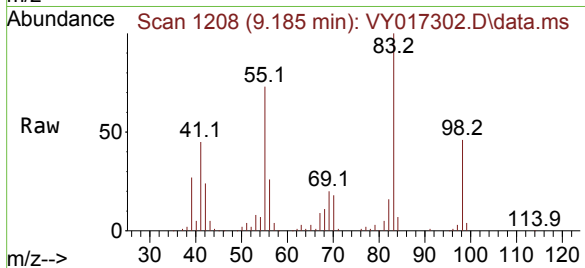
Tgt Ion: 83 Resp: 83604

Ion Ratio Lower Upper

83 100

55 72.9 59.7 89.5

98 45.7 38.0 57.0



#40

Benzene

Concen: 49.940 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY017302.D

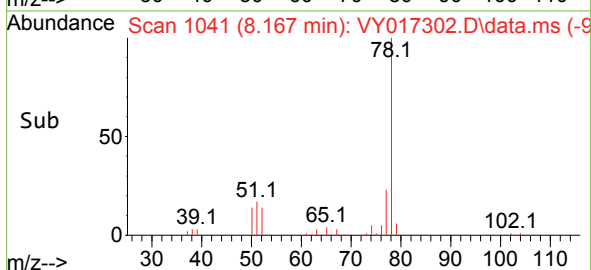
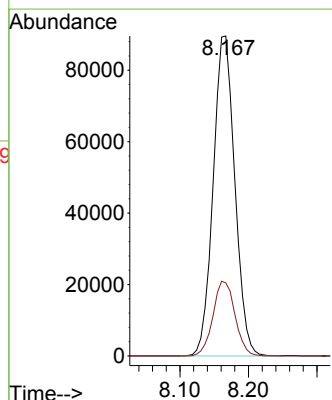
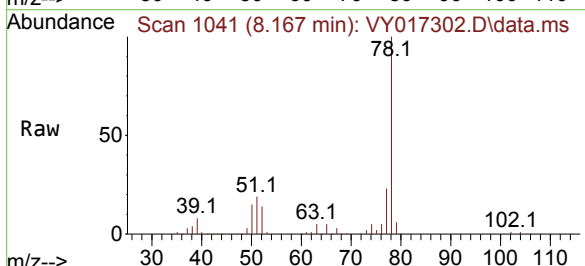
Acq: 07 Feb 2024 20:22

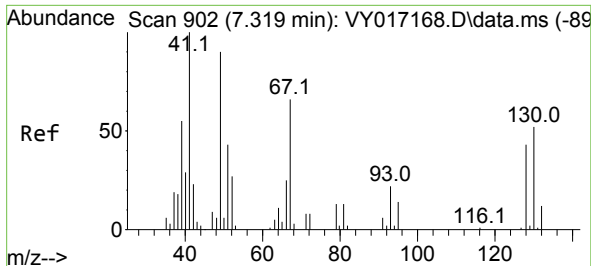
Tgt Ion: 78 Resp: 196250

Ion Ratio Lower Upper

78 100

77 22.8 18.8 28.2



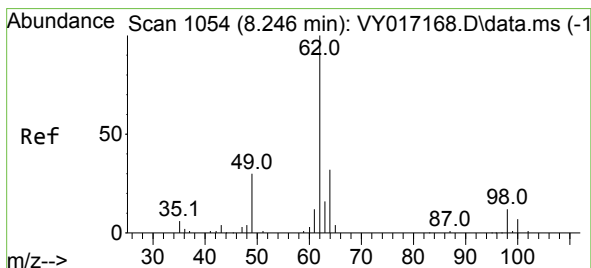
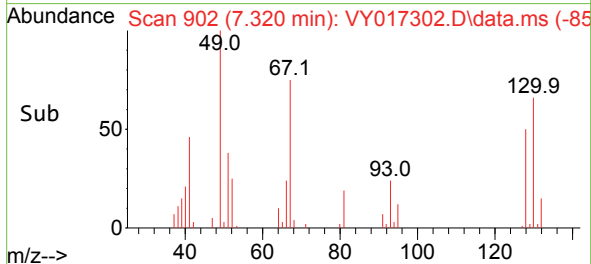
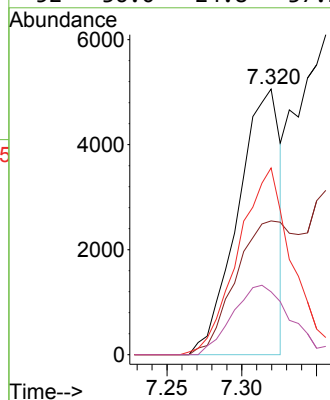
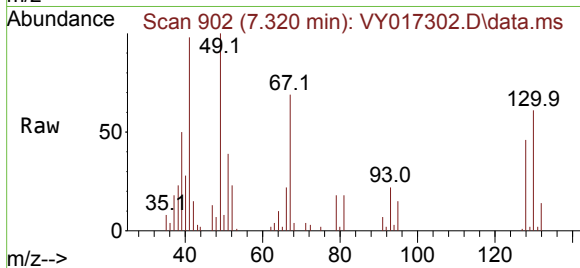


#41
Methacrylonitrile
Concen: 33.066 ug/l
RT: 7.320 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY017302.D
Acq: 07 Feb 2024 20:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 9999

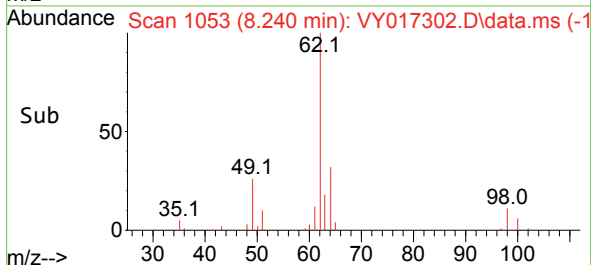
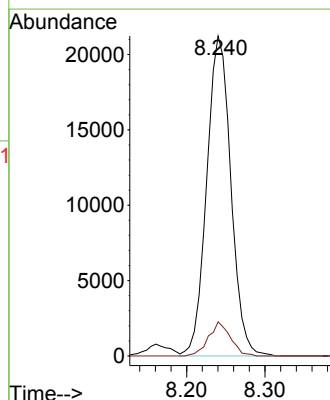
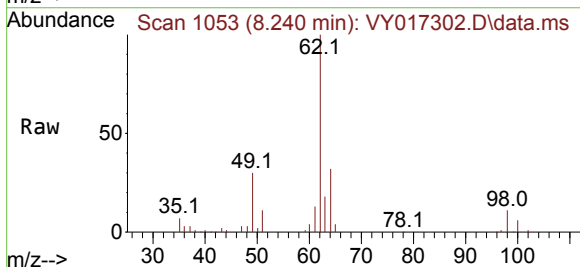
Ion	Ratio	Lower	Upper
41	100		
39	71.7	41.9	62.9#
67	90.4	59.8	89.6#
52	36.0	24.8	37.2

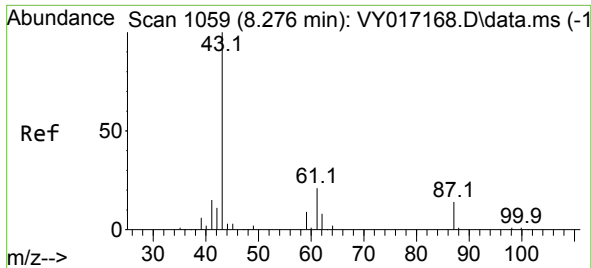


#42
1,2-Dichloroethane
Concen: 43.721 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VY017302.D
Acq: 07 Feb 2024 20:22

Tgt Ion: 62 Resp: 45490

Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	20.2

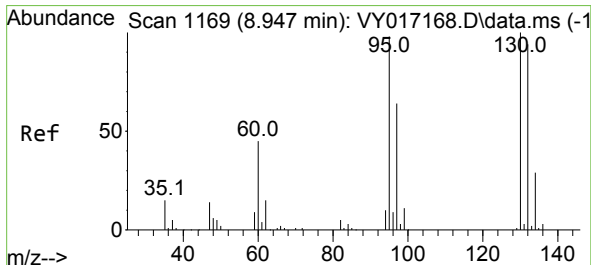
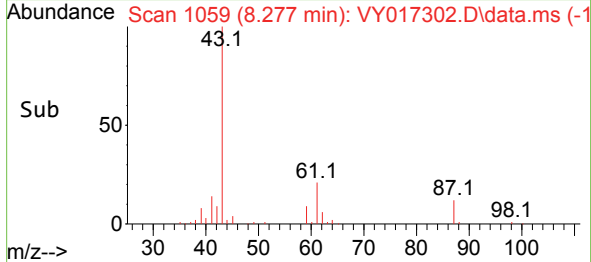
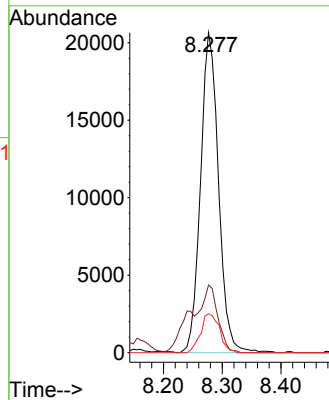
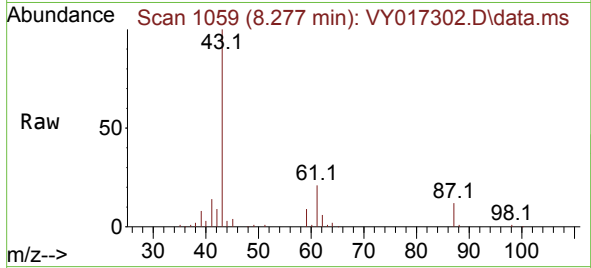




#43
Isopropyl Acetate
Concen: 38.913 ug/l
RT: 8.277 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VY017302.D
Acq: 07 Feb 2024 20:22

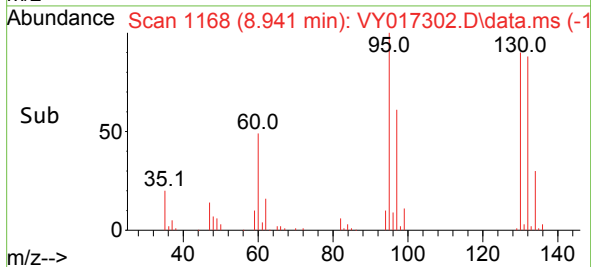
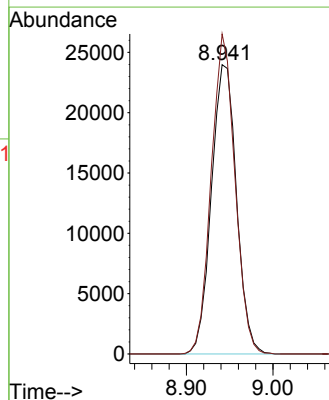
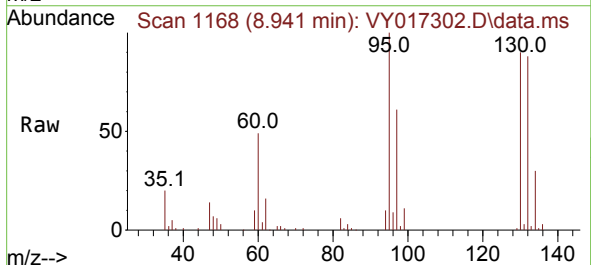
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

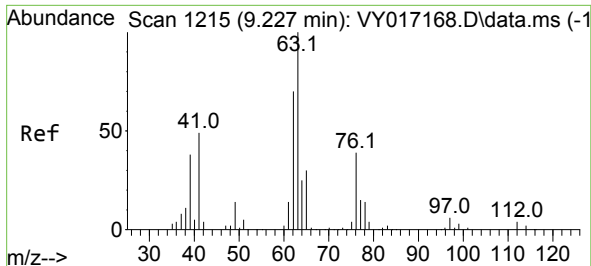
Tgt Ion: 43 Resp: 43965
Ion Ratio Lower Upper
43 100
61 18.2 24.8 37.2#
87 12.8 10.7 16.1



#44
Trichloroethene
Concen: 48.357 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY017302.D
Acq: 07 Feb 2024 20:22

Tgt Ion:130 Resp: 48238
Ion Ratio Lower Upper
130 100
95 110.6 0.0 203.8





#45

1,2-Dichloropropane

Concen: 48.092 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VY017302.D

Acq: 07 Feb 2024 20:22

Instrument :

MSVOA_Y

ClientSampleId :

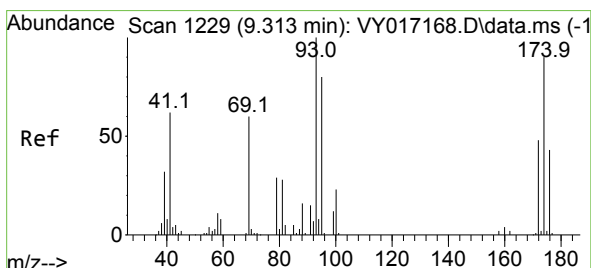
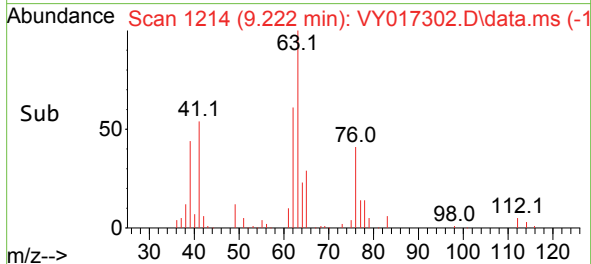
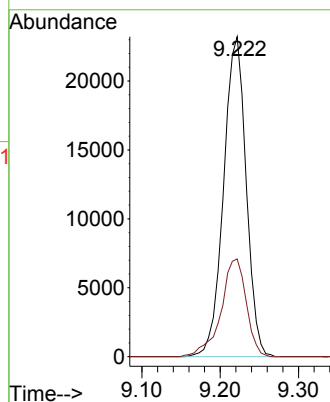
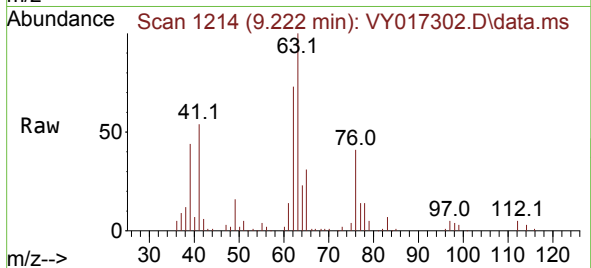
VSTDCCC050EC

Tgt Ion: 63 Resp: 46421

Ion Ratio Lower Upper

63 100

65 30.5 24.6 36.8



#46

Dibromomethane

Concen: 41.453 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VY017302.D

Acq: 07 Feb 2024 20:22

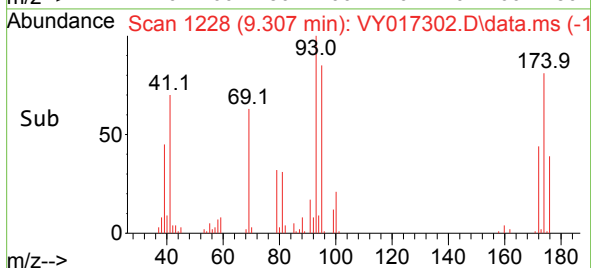
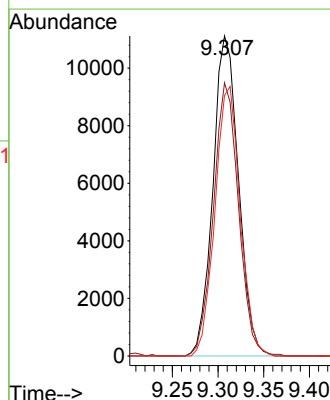
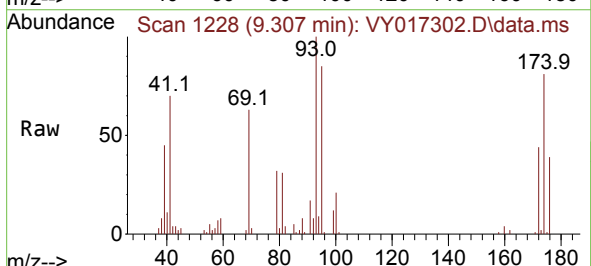
Tgt Ion: 93 Resp: 21614

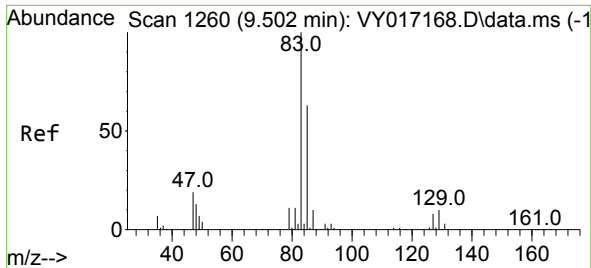
Ion Ratio Lower Upper

93 100

95 83.9 66.6 99.8

174 83.0 73.8 110.6

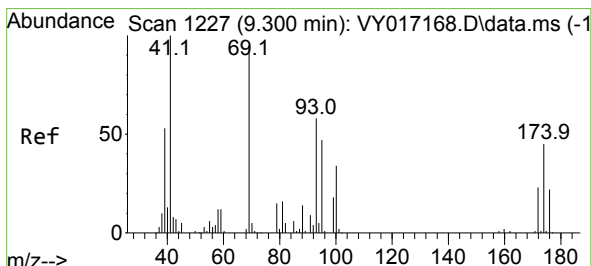
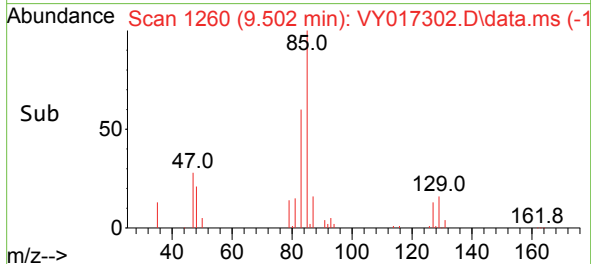
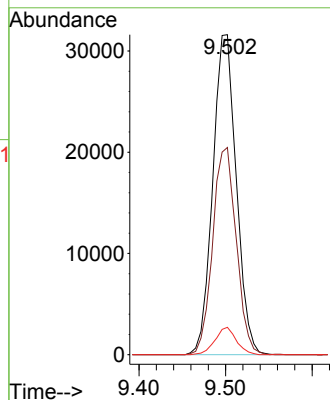
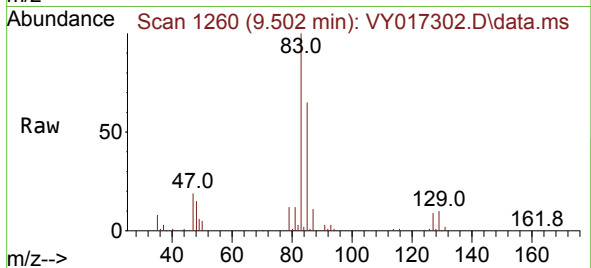




#47
Bromodichloromethane
Concen: 45.638 ug/l
RT: 9.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017302.D
Acq: 07 Feb 2024 20:22

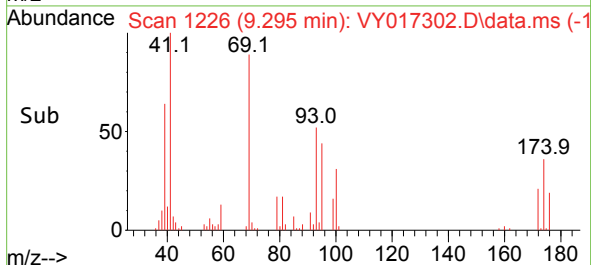
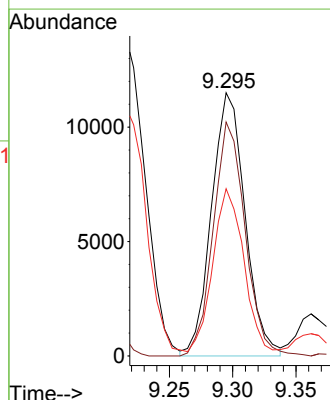
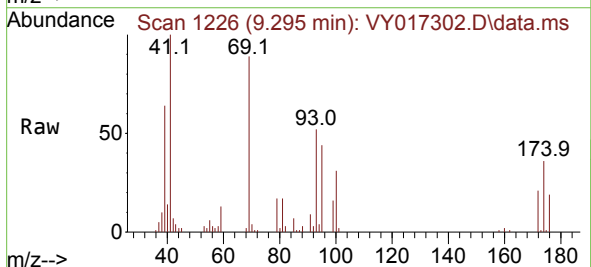
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

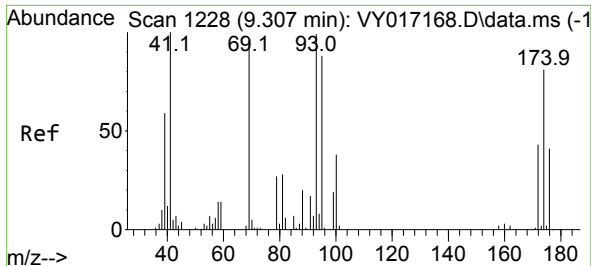
Tgt Ion: 83 Resp: 59552
Ion Ratio Lower Upper
83 100
85 64.8 53.2 79.8
127 8.6 6.4 9.6



#48
Methyl methacrylate
Concen: 39.996 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VY017302.D
Acq: 07 Feb 2024 20:22

Tgt Ion: 41 Resp: 21196
Ion Ratio Lower Upper
41 100
69 84.7 72.1 108.1
39 57.0 42.8 64.2





#49

1,4-Dioxane

Concen: 656.362 ug/l

RT: 9.325 min Scan# 1228

Delta R.T. 0.019 min

Lab File: VY017302.D

Acq: 07 Feb 2024 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

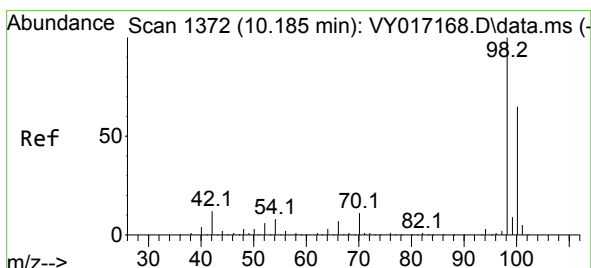
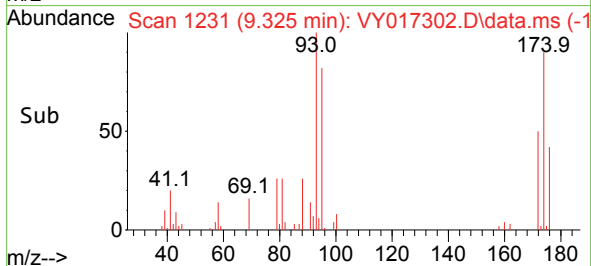
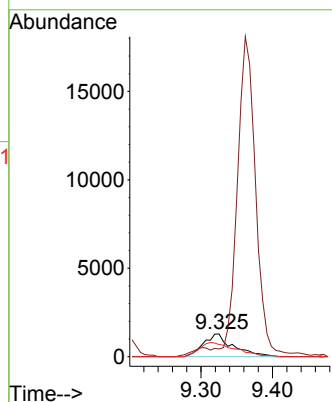
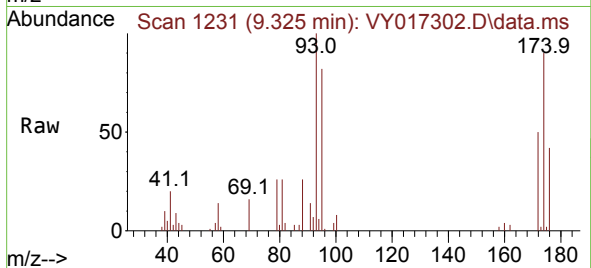
Tgt Ion: 88 Resp: 3725

Ion Ratio Lower Upper

88 100

43 0.0 28.2 42.4#

58 75.8 52.2 78.2



#50

Toluene-d8

Concen: 43.579 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017302.D

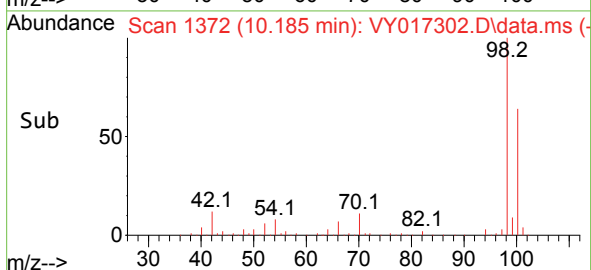
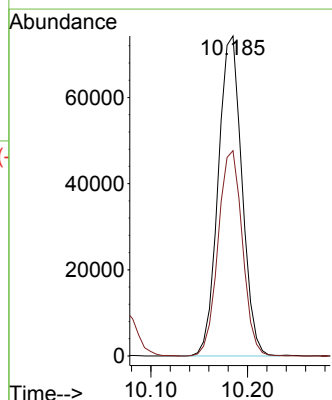
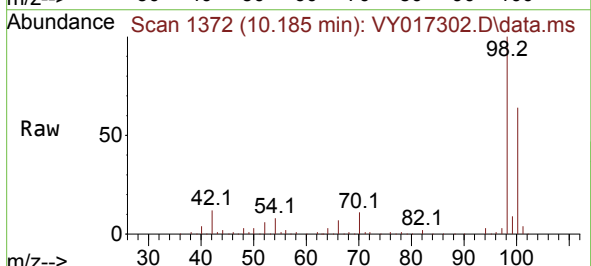
Acq: 07 Feb 2024 20:22

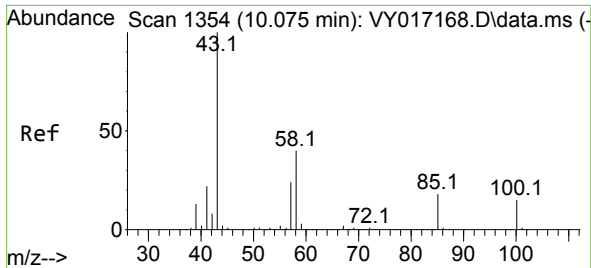
Tgt Ion: 98 Resp: 126579

Ion Ratio Lower Upper

98 100

100 65.5 52.3 78.5

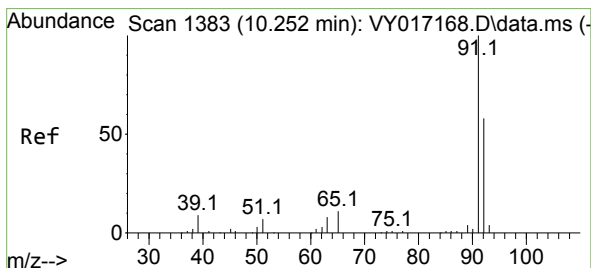
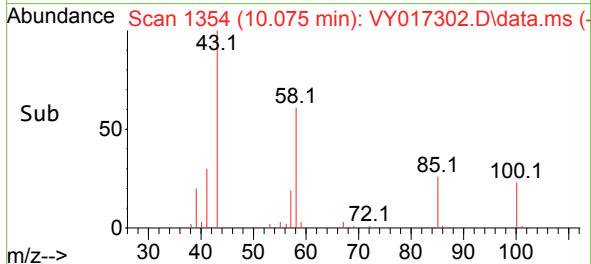
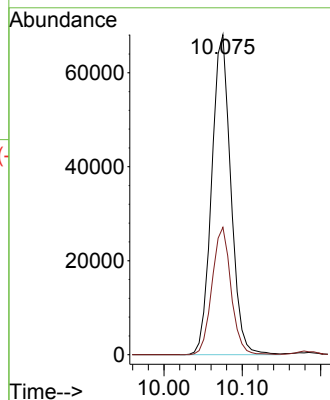
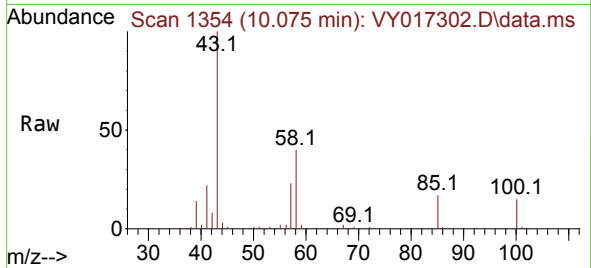




#51
4-Methyl-2-Pentanone
Concen: 190.943 ug/l
RT: 10.075 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017302.D
Acq: 07 Feb 2024 20:22

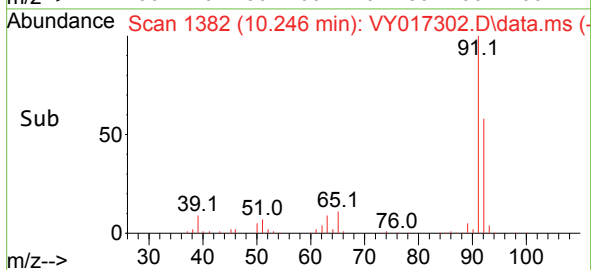
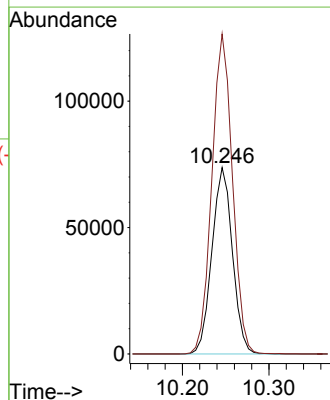
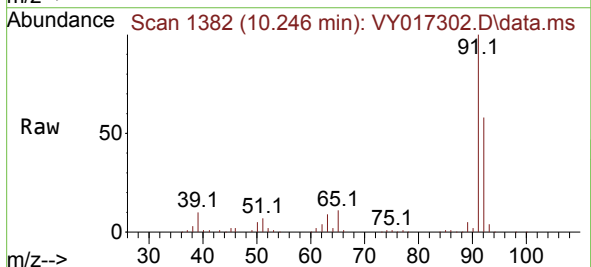
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

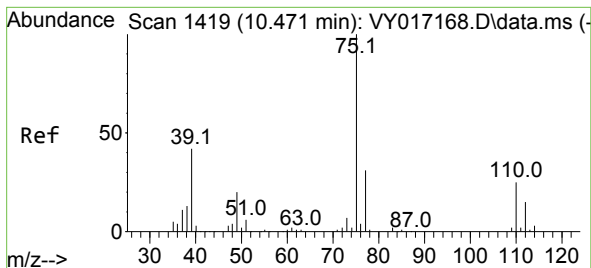
Tgt Ion: 43 Resp: 115643
Ion Ratio Lower Upper
43 100
58 39.4 32.2 48.2



#52
Toluene
Concen: 51.087 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.006 min
Lab File: VY017302.D
Acq: 07 Feb 2024 20:22

Tgt Ion: 92 Resp: 121178
Ion Ratio Lower Upper
92 100
91 172.5 137.6 206.4

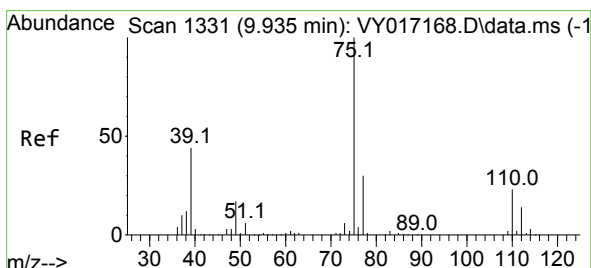
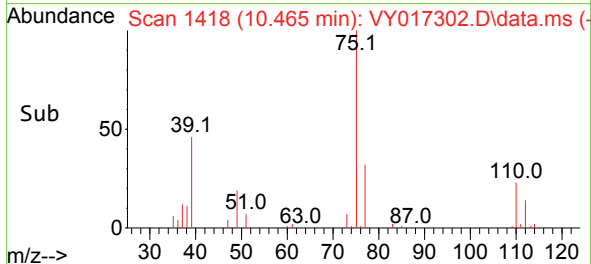
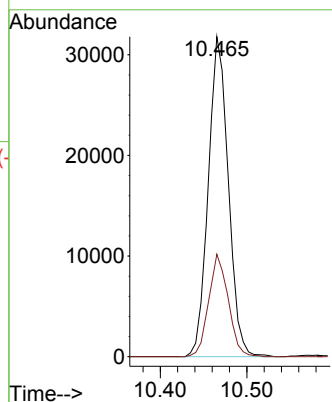
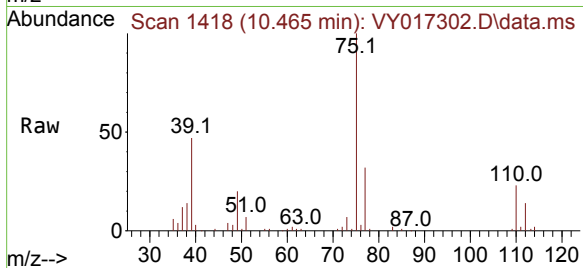




#53
t-1,3-Dichloropropene
Concen: 41.702 ug/l
RT: 10.465 min Scan# 1419
Delta R.T. -0.006 min
Lab File: VY017302.D
Acq: 07 Feb 2024 20:22

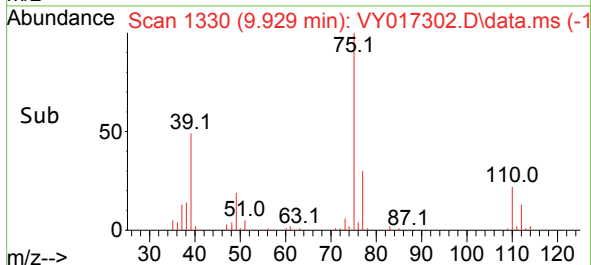
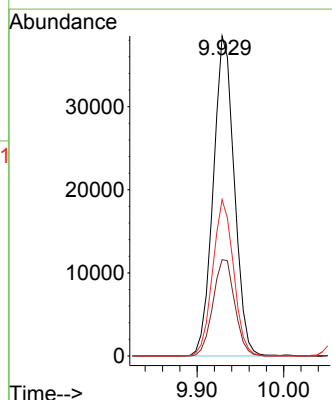
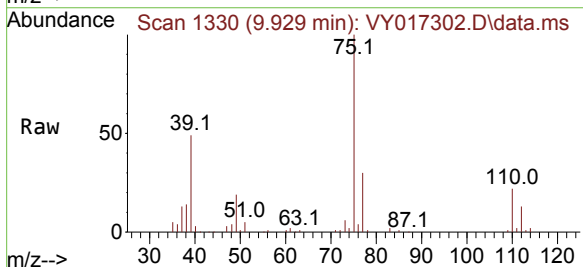
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

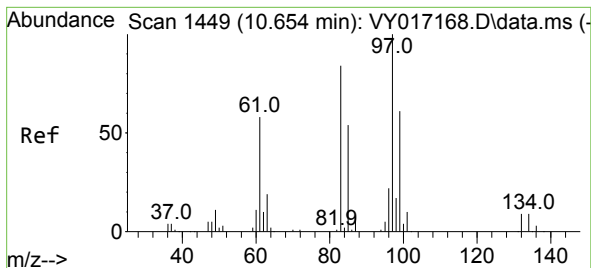
Tgt Ion: 75 Resp: 51113
Ion Ratio Lower Upper
75 100
77 32.0 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 44.225 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.006 min
Lab File: VY017302.D
Acq: 07 Feb 2024 20:22

Tgt Ion: 75 Resp: 64926
Ion Ratio Lower Upper
75 100
77 30.1 24.6 36.8
39 48.8 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 40.693 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY017302.D

Acq: 07 Feb 2024 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 28868

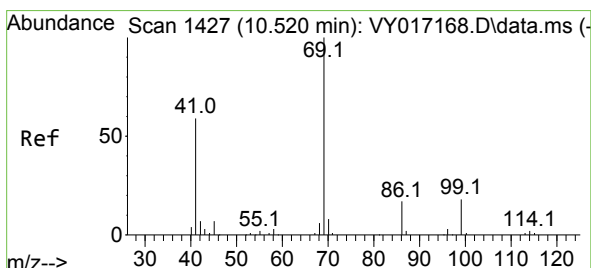
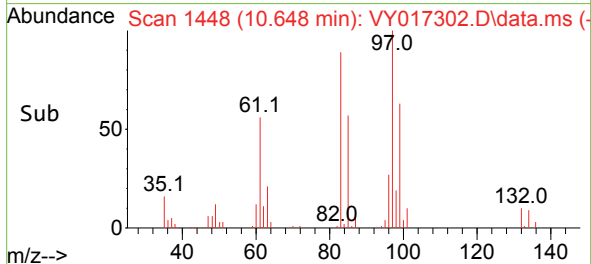
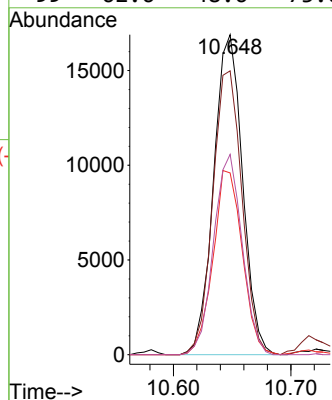
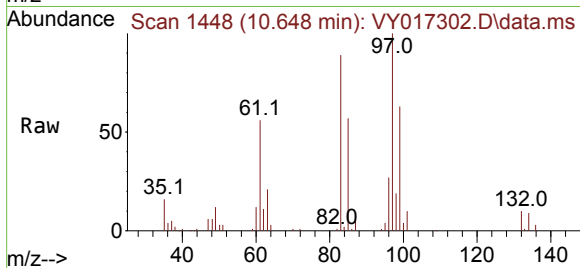
Ion Ratio Lower Upper

97 100

83 88.7 69.4 104.2

85 56.8 43.9 65.9

99 62.6 48.6 73.0



#56

Ethyl methacrylate

Concen: 37.748 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. -0.006 min

Lab File: VY017302.D

Acq: 07 Feb 2024 20:22

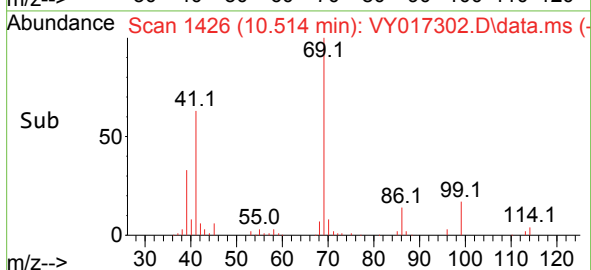
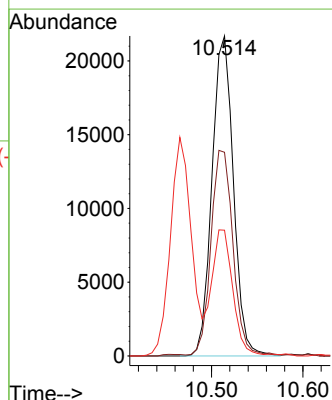
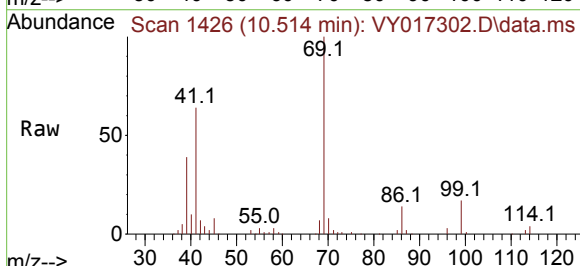
Tgt Ion: 69 Resp: 35281

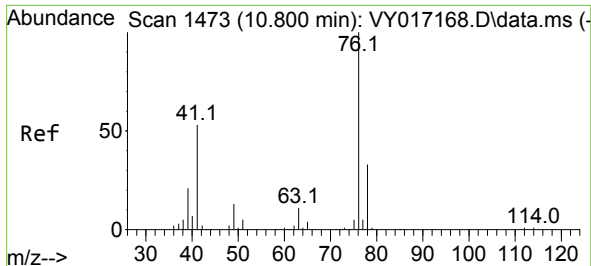
Ion Ratio Lower Upper

69 100

41 65.5 49.2 73.8

39 38.1 26.8 40.2

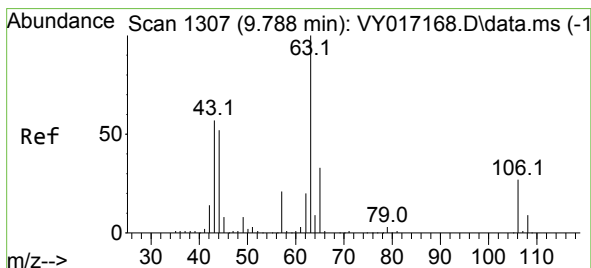
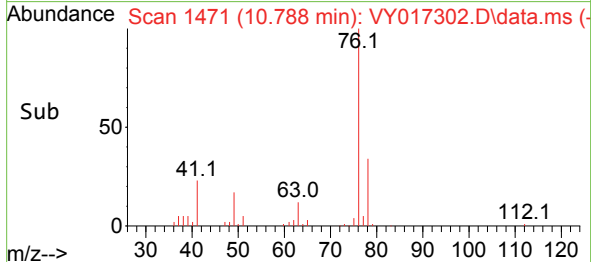
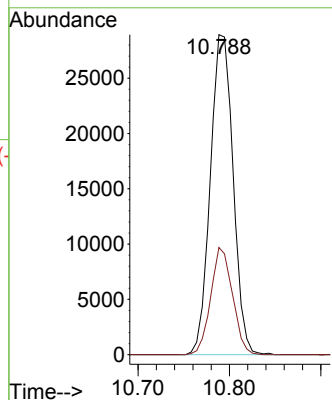
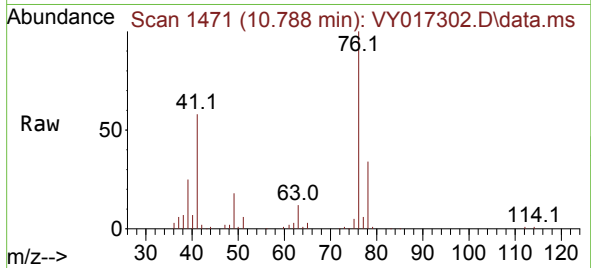




#57
1,3-Dichloropropane
Concen: 41.106 ug/l
RT: 10.788 min Scan# 1473
Delta R.T. -0.012 min
Lab File: VY017302.D
Acq: 07 Feb 2024 20:22

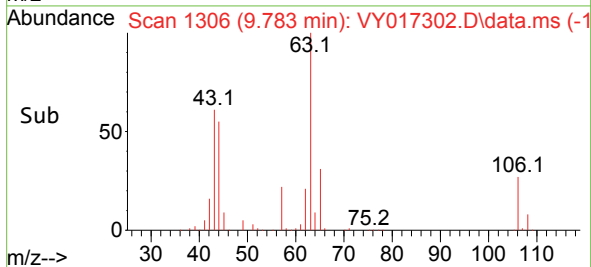
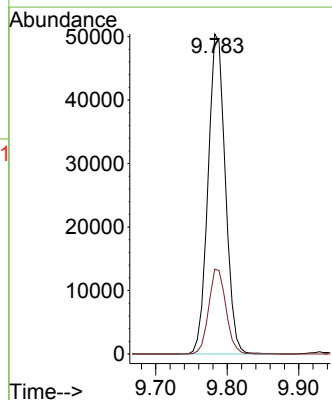
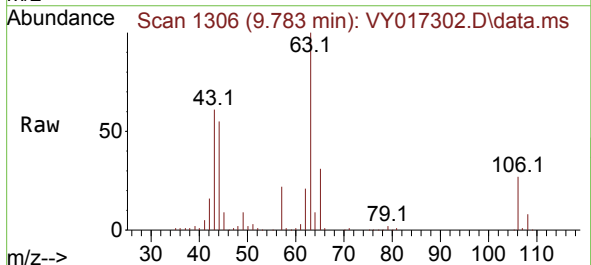
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

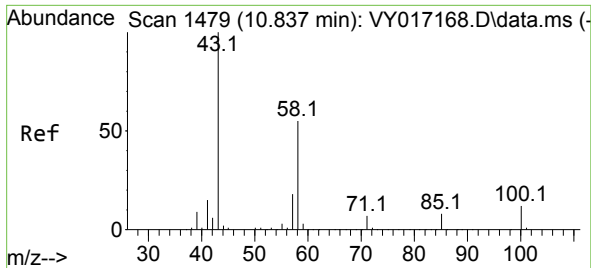
Tgt Ion: 76 Resp: 50156
Ion Ratio Lower Upper
76 100
78 32.0 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 191.638 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VY017302.D
Acq: 07 Feb 2024 20:22

Tgt Ion: 63 Resp: 84694
Ion Ratio Lower Upper
63 100
106 26.4 22.4 33.6

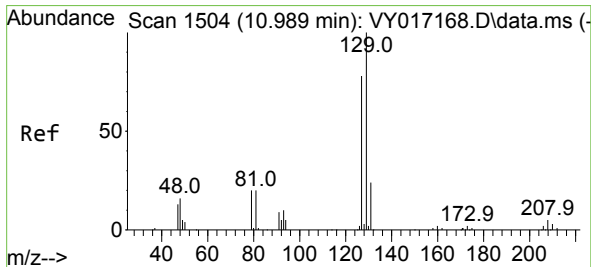
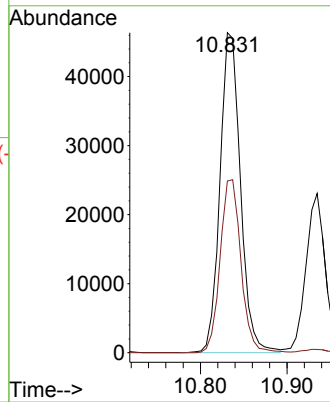
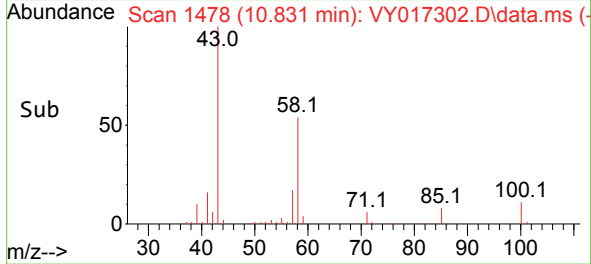
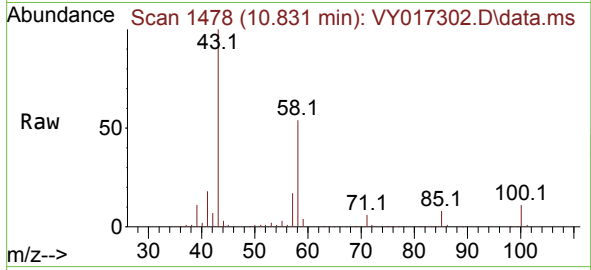




#59
2-Hexanone
Concen: 174.061 ug/l
RT: 10.831 min Scan# 1479
Delta R.T. -0.006 min
Lab File: VY017302.D
Acq: 07 Feb 2024 20:22

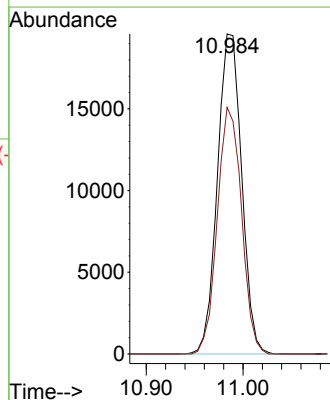
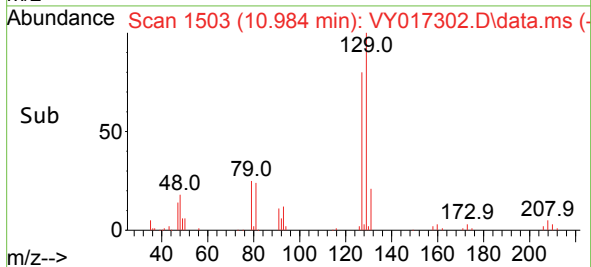
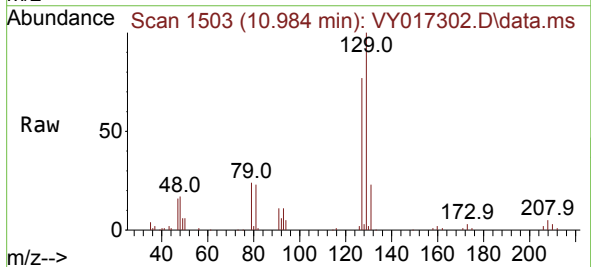
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

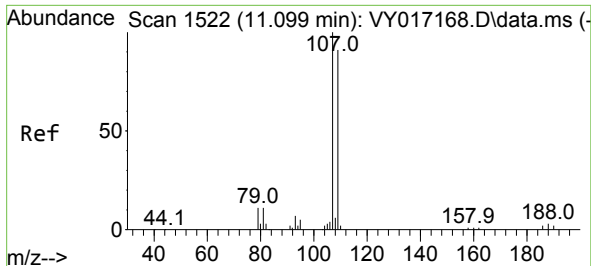
Tgt Ion: 43 Resp: 76229
Ion Ratio Lower Upper
43 100
58 54.9 28.1 84.3



#60
Dibromochloromethane
Concen: 40.959 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.006 min
Lab File: VY017302.D
Acq: 07 Feb 2024 20:22

Tgt Ion: 129 Resp: 34087
Ion Ratio Lower Upper
129 100
127 76.8 39.2 117.6

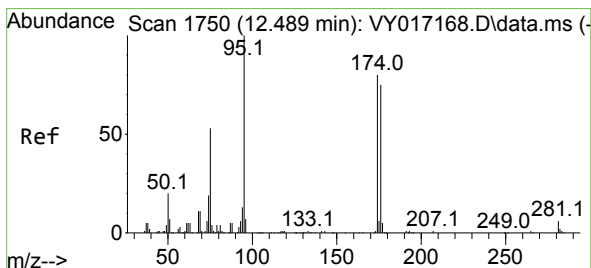
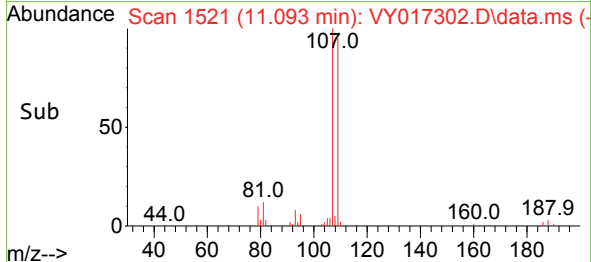
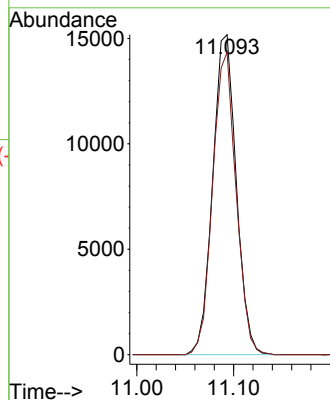
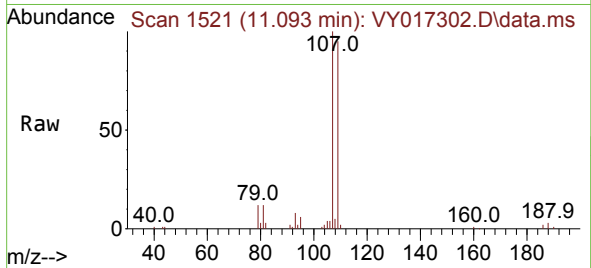




#61
1,2-Dibromoethane
Concen: 38.862 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VY017302.D
Acq: 07 Feb 2024 20:22

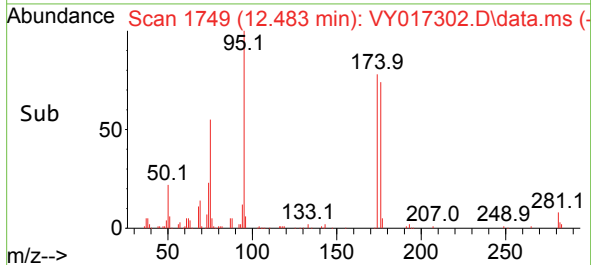
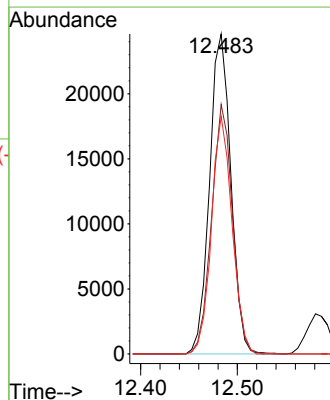
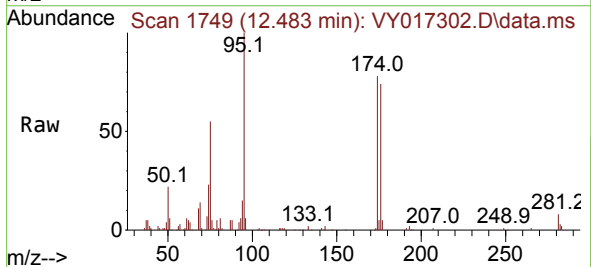
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

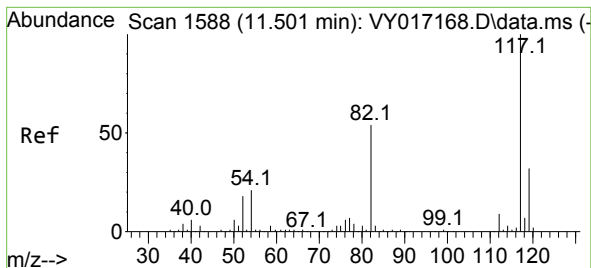
Tgt Ion:107 Resp: 25640
Ion Ratio Lower Upper
107 100
109 93.9 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 39.603 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017302.D
Acq: 07 Feb 2024 20:22

Tgt Ion: 95 Resp: 37682
Ion Ratio Lower Upper
95 100
174 76.8 0.0 160.0
176 72.0 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY017302.D

Acq: 07 Feb 2024 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

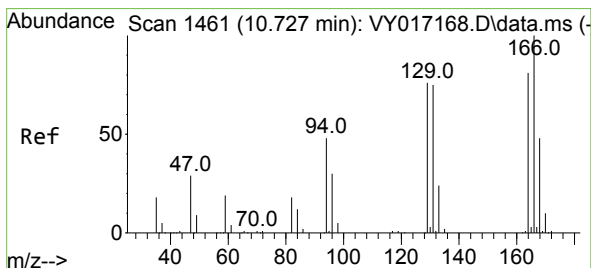
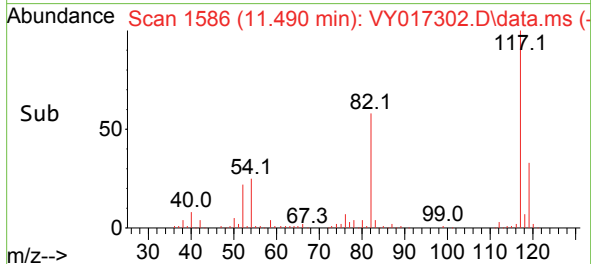
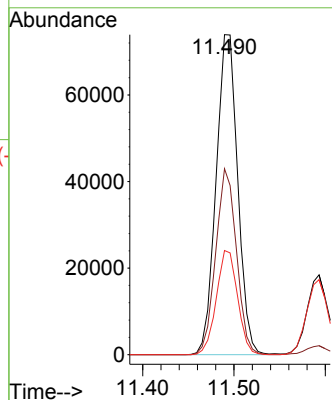
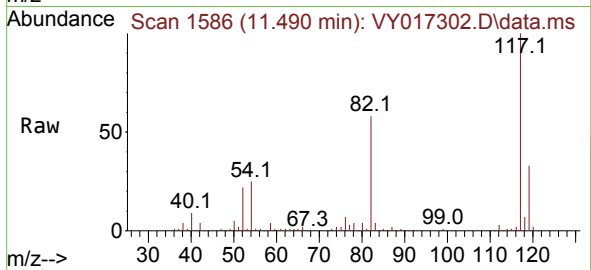
Tgt Ion:117 Resp: 121771

Ion Ratio Lower Upper

117 100

82 58.1 43.8 65.8

119 32.5 26.5 39.7



#64

Tetrachloroethene

Concen: 55.532 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VY017302.D

Acq: 07 Feb 2024 20:22

Tgt Ion:164 Resp: 43917

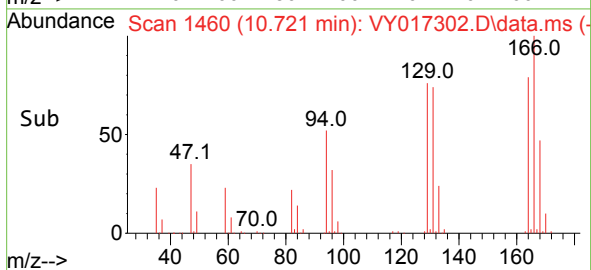
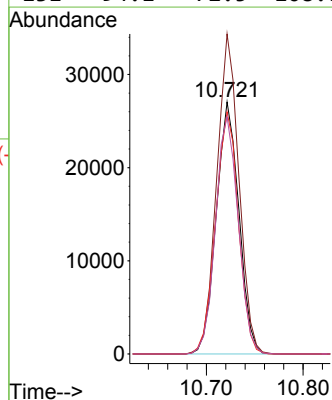
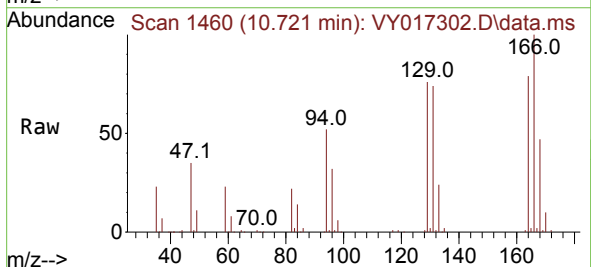
Ion Ratio Lower Upper

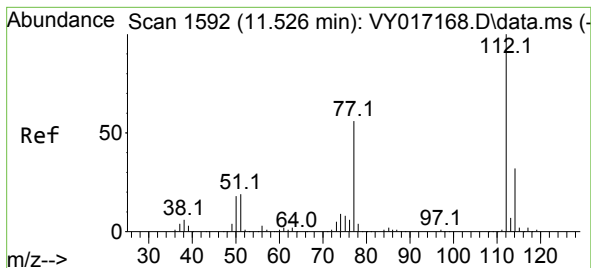
164 100

166 127.0 98.8 148.2

129 96.1 78.9 118.3

131 94.1 72.5 108.7

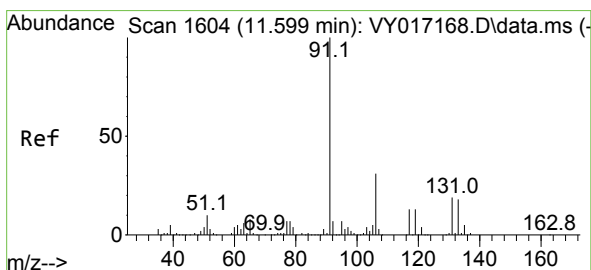
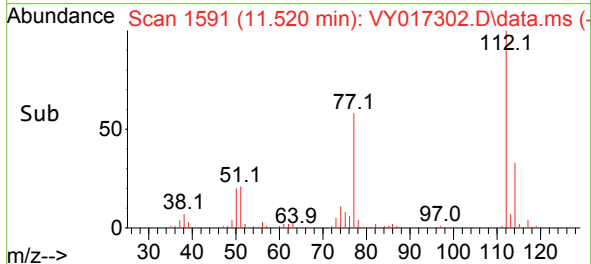
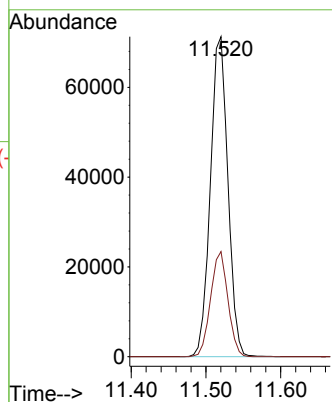
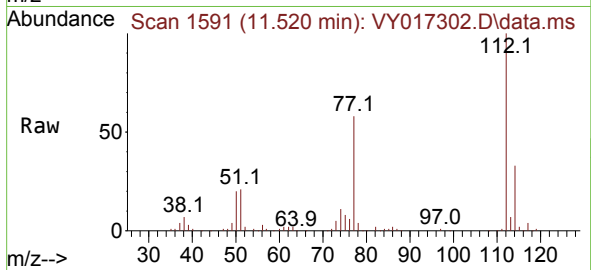




#65
Chlorobenzene
Concen: 49.350 ug/l
RT: 11.520 min Scan# 115925
Delta R.T. -0.006 min
Lab File: VY017302.D
Acq: 07 Feb 2024 20:22

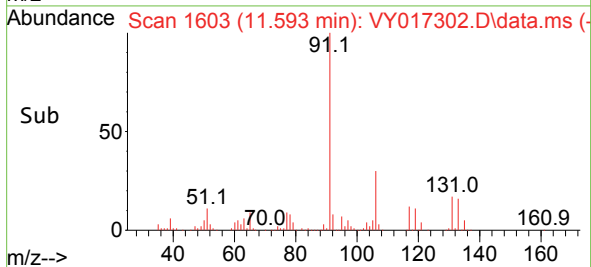
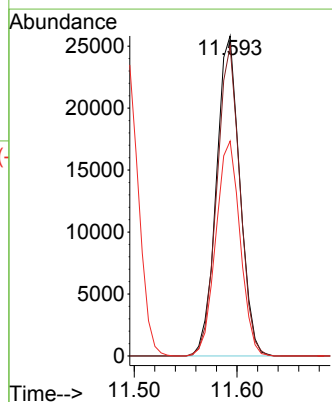
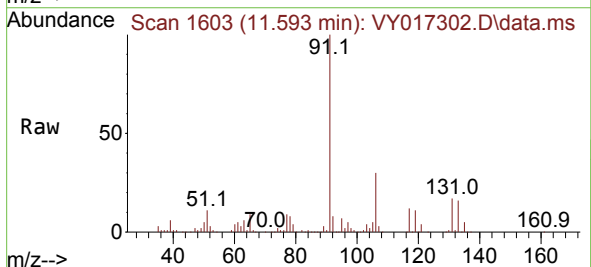
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

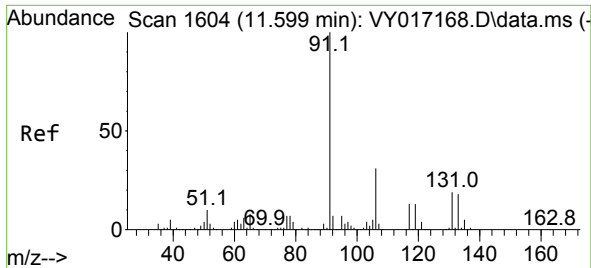
Tgt Ion:112 Resp: 115925
Ion Ratio Lower Upper
112 100
114 32.9 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 47.933 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY017302.D
Acq: 07 Feb 2024 20:22

Tgt Ion:131 Resp: 40919
Ion Ratio Lower Upper
131 100
133 95.2 47.0 141.0
119 69.3 33.3 99.9

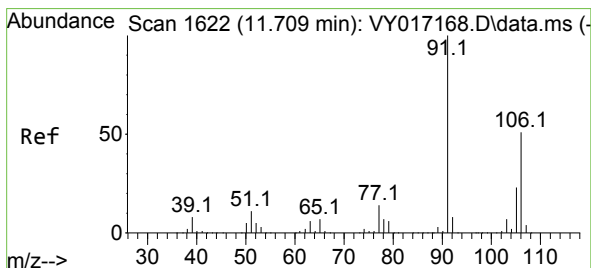
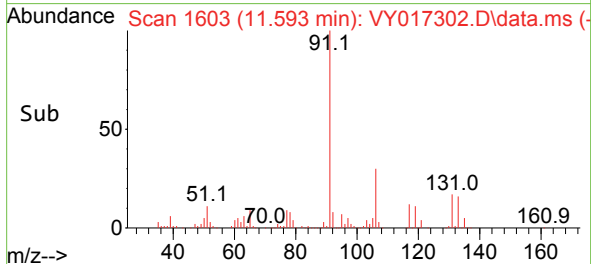
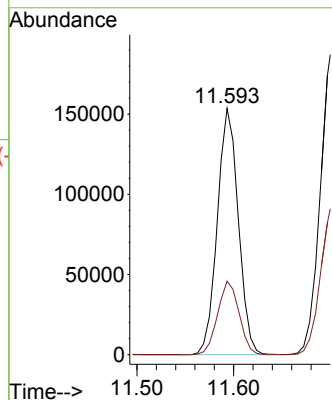
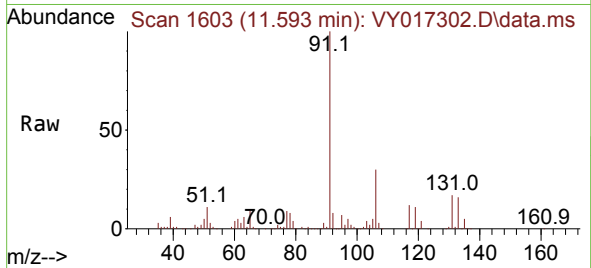




#67
Ethyl Benzene
Concen: 54.489 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY017302.D
Acq: 07 Feb 2024 20:22

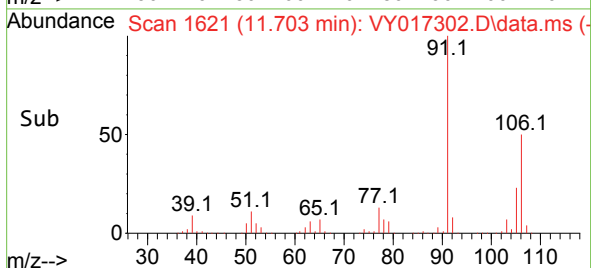
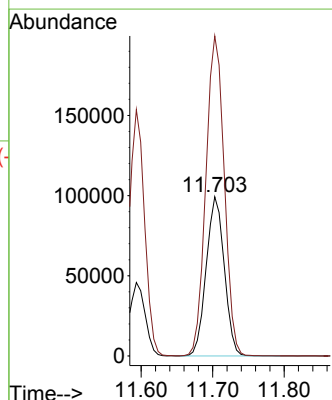
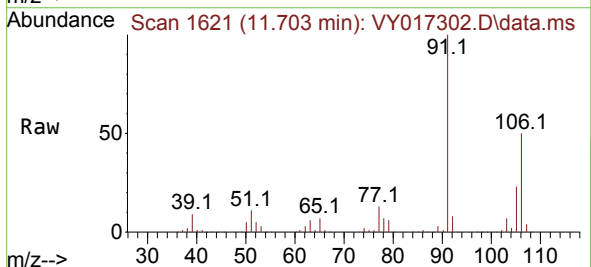
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

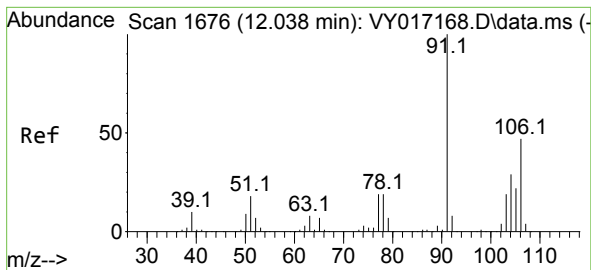
Tgt Ion: 91 Resp: 231330
Ion Ratio Lower Upper
91 100
106 29.8 25.0 37.4



#68
m/p-Xylenes
Concen: 108.241 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY017302.D
Acq: 07 Feb 2024 20:22

Tgt Ion:106 Resp: 174389
Ion Ratio Lower Upper
106 100
91 204.0 160.7 241.1





#69

o-Xylene

Concen: 52.685 ug/l

RT: 12.032 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017302.D

Acq: 07 Feb 2024 20:22

Instrument :

MSVOA_Y

ClientSampleId :

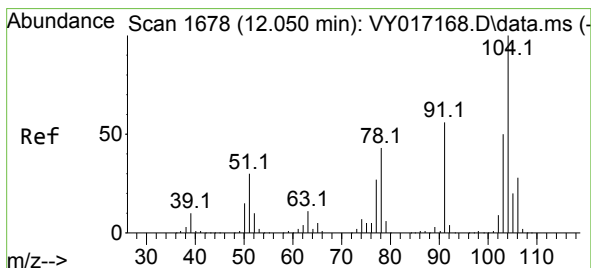
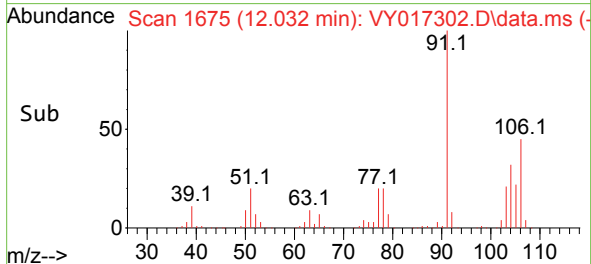
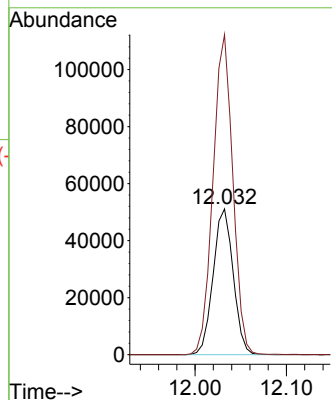
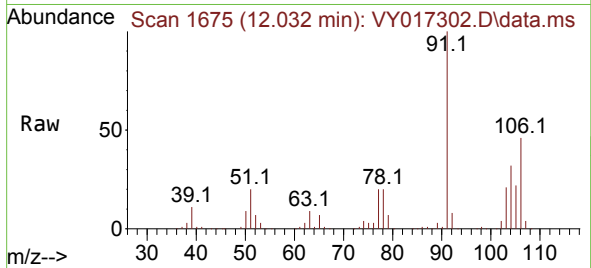
VSTDCCC050EC

Tgt Ion:106 Resp: 78167

Ion Ratio Lower Upper

106 100

91 217.1 106.5 319.5



#70

Styrene

Concen: 52.689 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.006 min

Lab File: VY017302.D

Acq: 07 Feb 2024 20:22

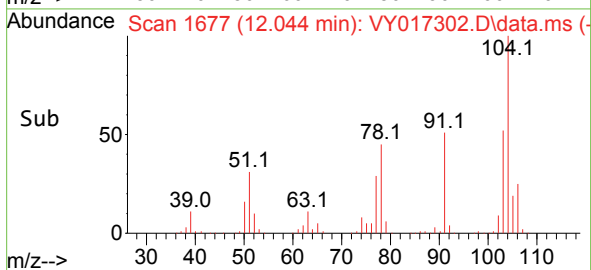
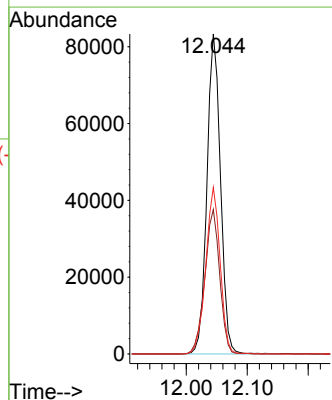
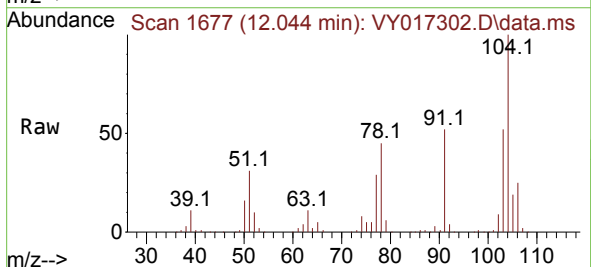
Tgt Ion:104 Resp: 128802

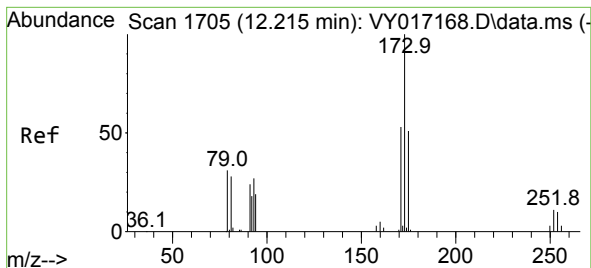
Ion Ratio Lower Upper

104 100

78 49.6 39.2 58.8

103 55.4 43.8 65.6





#71

Bromoform

Concen: 39.917 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017302.D

Acq: 07 Feb 2024 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

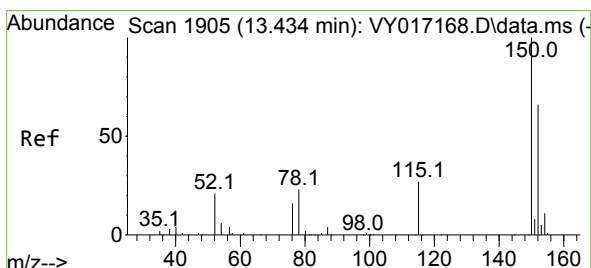
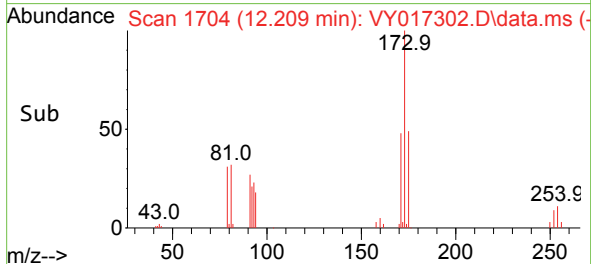
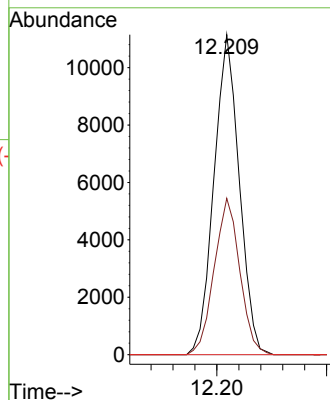
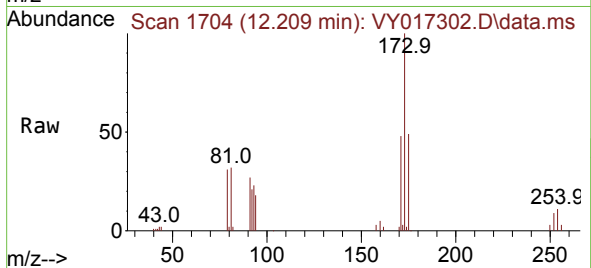
Tgt Ion:173 Resp: 17846

Ion Ratio Lower Upper

173 100

175 49.5 23.5 70.6

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. -0.006 min

Lab File: VY017302.D

Acq: 07 Feb 2024 20:22

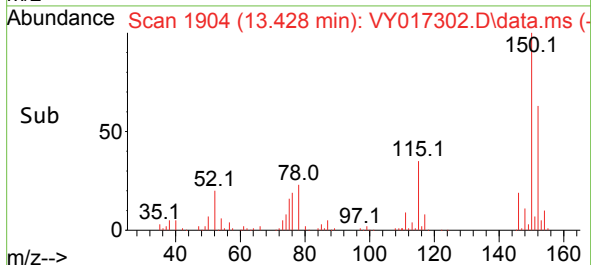
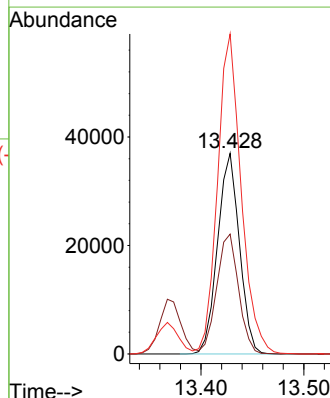
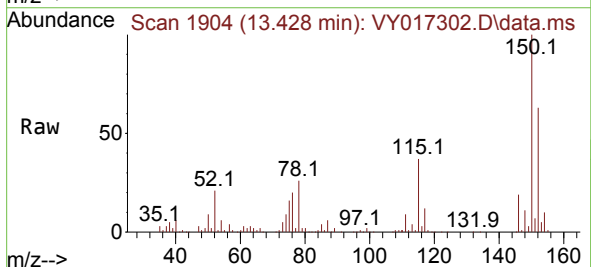
Tgt Ion:152 Resp: 54499

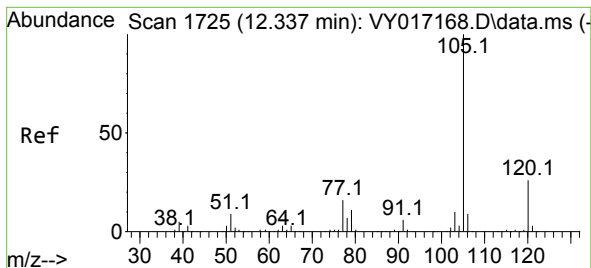
Ion Ratio Lower Upper

152 100

115 60.0 30.0 90.0

150 172.7 0.0 344.6





#73

Isopropylbenzene

Concen: 55.069 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017302.D

Acq: 07 Feb 2024 20:22

Instrument :

MSVOA_Y

ClientSampleId :

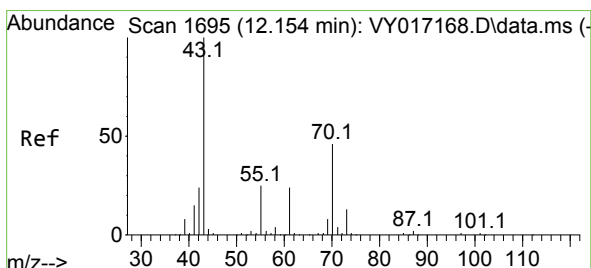
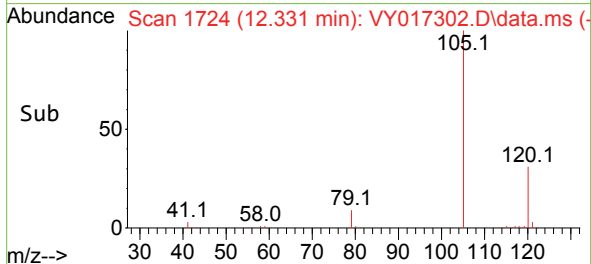
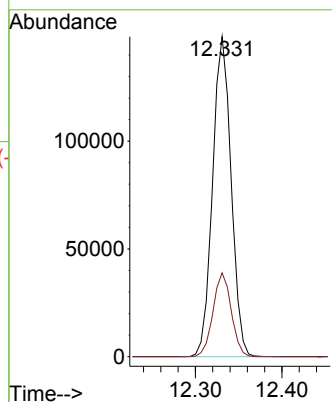
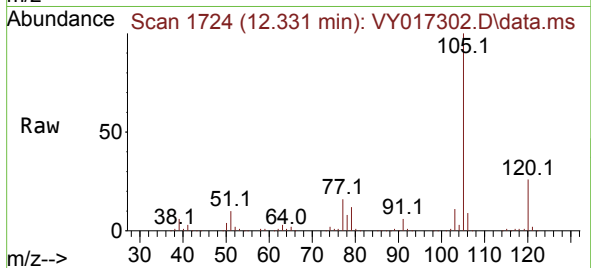
VSTDCCC050EC

Tgt Ion:105 Resp: 220481

Ion Ratio Lower Upper

105 100

120 25.8 13.0 39.0



#74

N-amy1 acetate

Concen: 44.558 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.006 min

Lab File: VY017302.D

Acq: 07 Feb 2024 20:22

Tgt Ion: 43 Resp: 40085

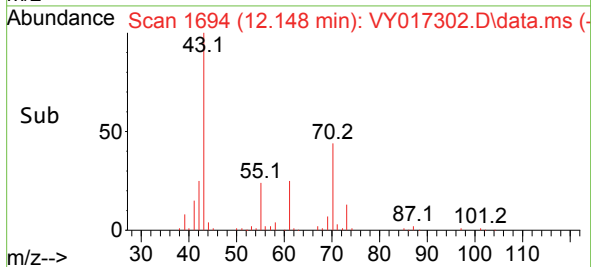
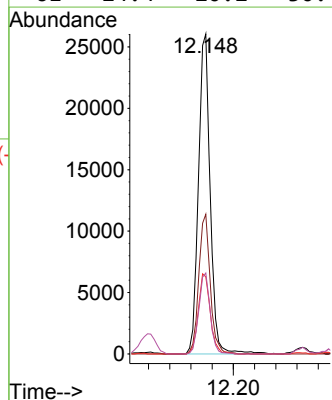
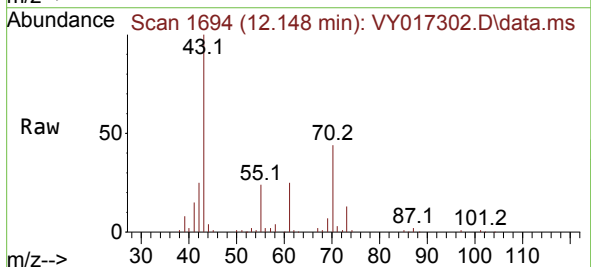
Ion Ratio Lower Upper

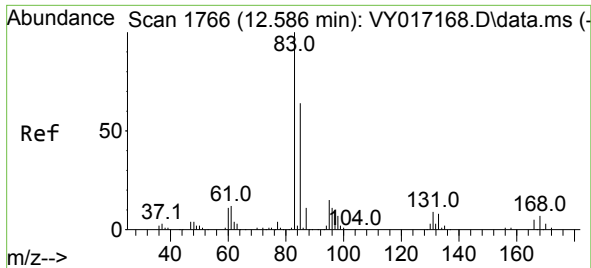
43 100

70 42.6 36.6 55.0

55 25.5 22.2 33.4

61 24.4 20.2 30.4

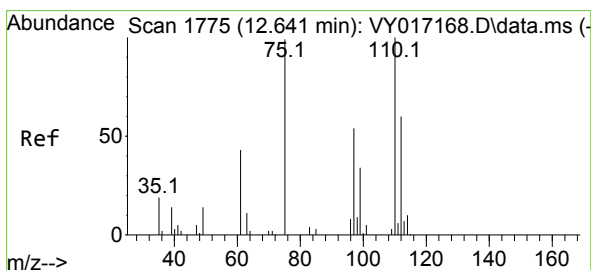
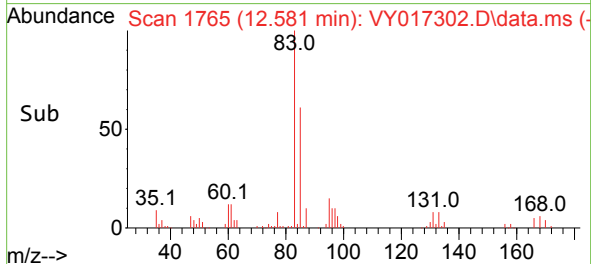
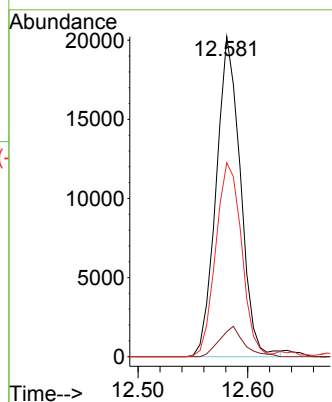
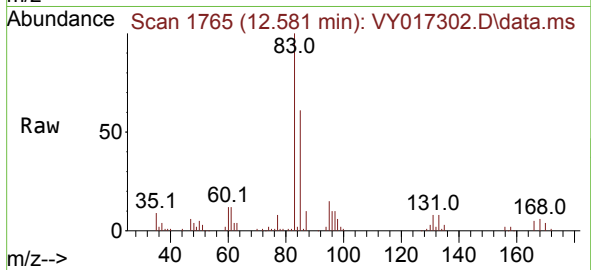




#75
1,1,2,2-Tetrachloroethane
Concen: 39.518 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.006 min
Lab File: VY017302.D
Acq: 07 Feb 2024 20:22

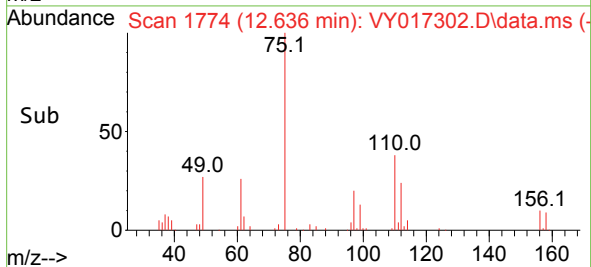
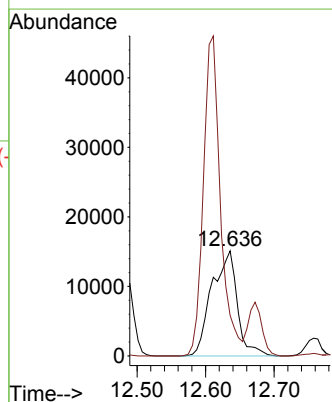
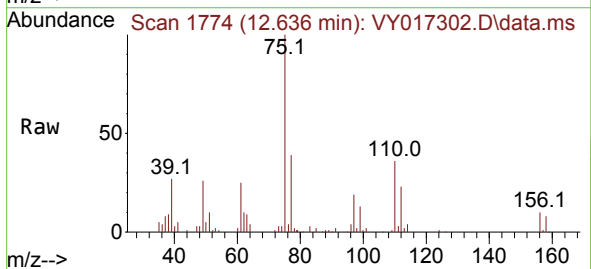
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

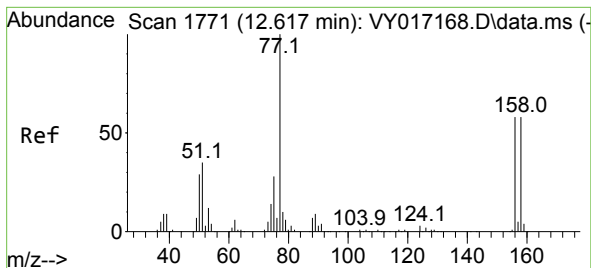
Tgt Ion: 83 Resp: 31119
Ion Ratio Lower Upper
83 100
131 9.5 4.9 14.6
85 64.8 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 77.741 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VY017302.D
Acq: 07 Feb 2024 20:22

Tgt Ion: 75 Resp: 39105
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.304 ug/l

RT: 12.611 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017302.D

Acq: 07 Feb 2024 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

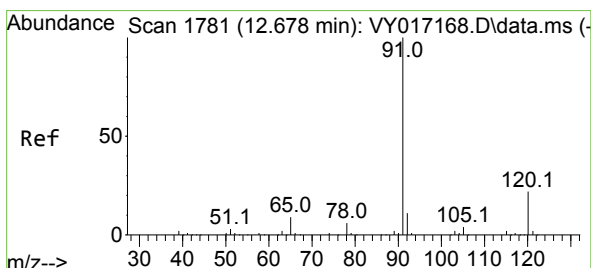
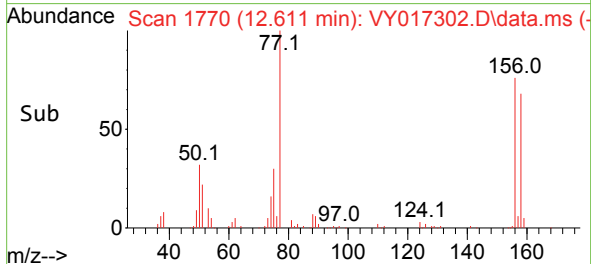
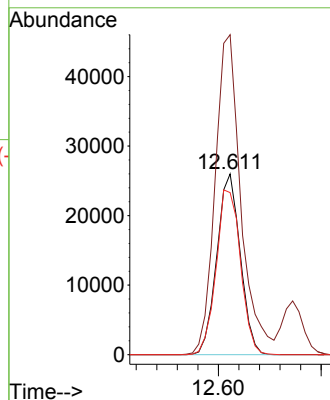
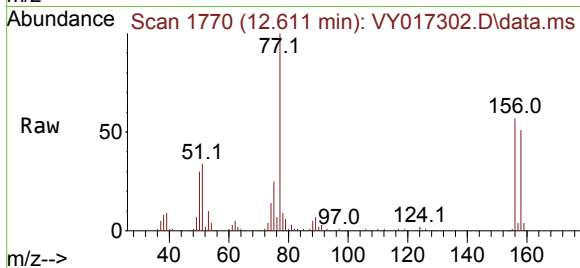
Tgt Ion:156 Resp: 41121

Ion Ratio Lower Upper

156 100

77 195.1 97.3 291.8

158 95.0 48.4 145.0



#78

n-propylbenzene

Concen: 55.856 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.006 min

Lab File: VY017302.D

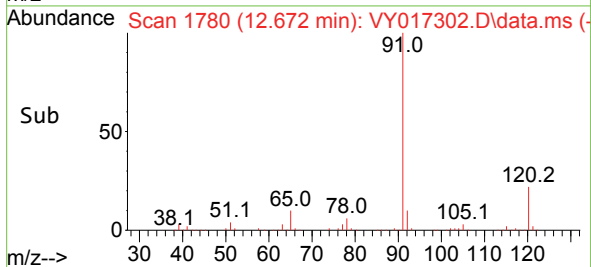
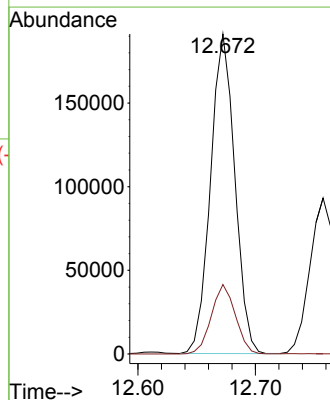
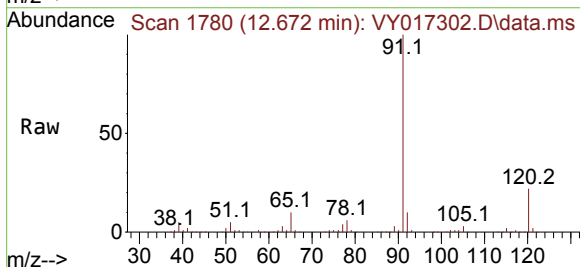
Acq: 07 Feb 2024 20:22

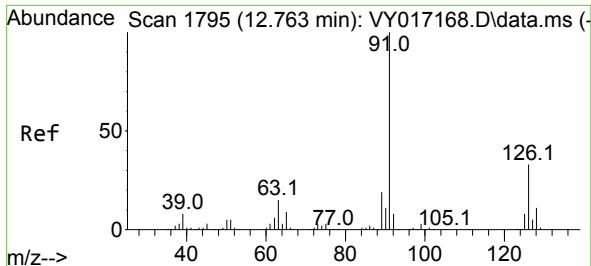
Tgt Ion: 91 Resp: 274658

Ion Ratio Lower Upper

91 100

120 21.5 11.0 33.0

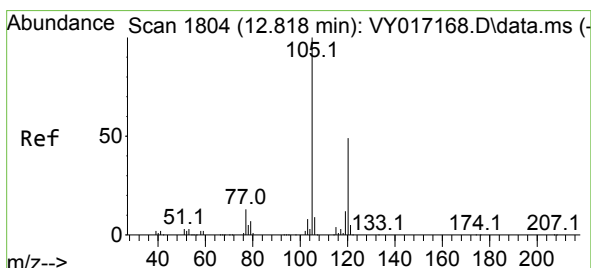
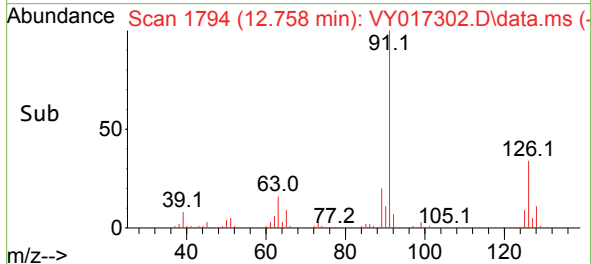
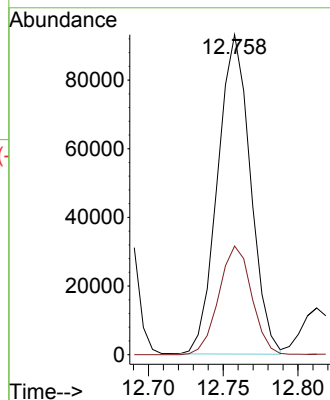
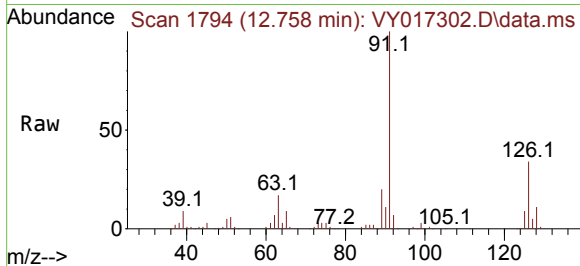




#79
2-Chlorotoluene
Concen: 52.524 ug/l
RT: 12.758 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017302.D
Acq: 07 Feb 2024 20:22

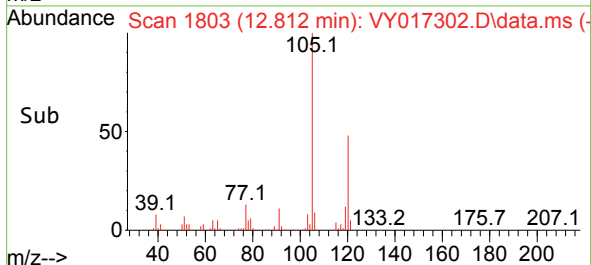
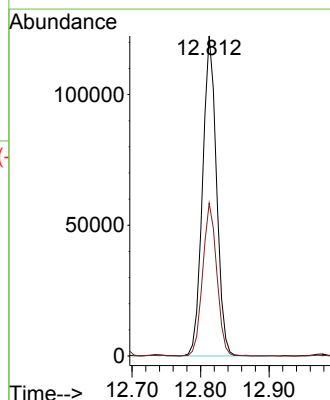
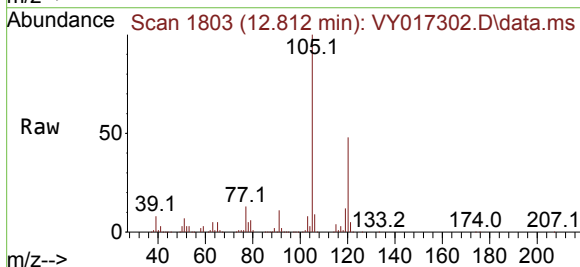
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

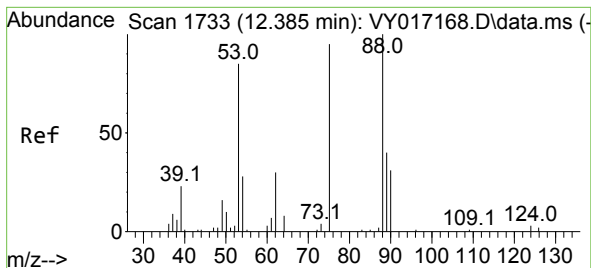
Tgt Ion: 91 Resp: 141991
Ion Ratio Lower Upper
91 100
126 34.1 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 54.648 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VY017302.D
Acq: 07 Feb 2024 20:22

Tgt Ion: 105 Resp: 174011
Ion Ratio Lower Upper
105 100
120 48.2 24.3 72.8

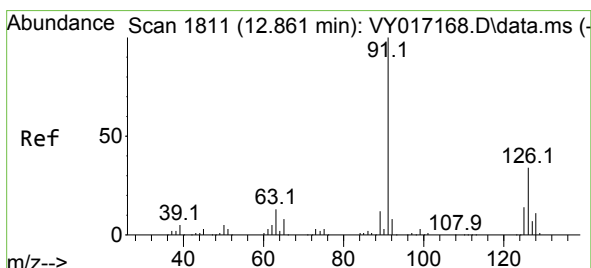
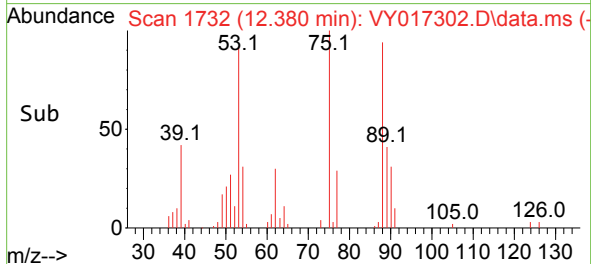
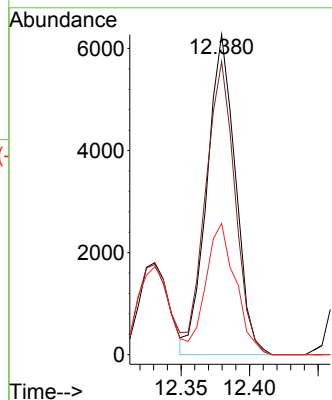
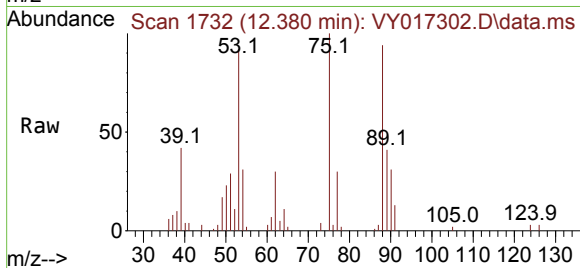




#81
trans-1,4-Dichloro-2-butene
Concen: 37.355 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017302.D
Acq: 07 Feb 2024 20:22

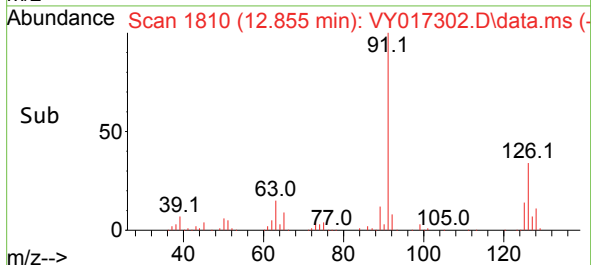
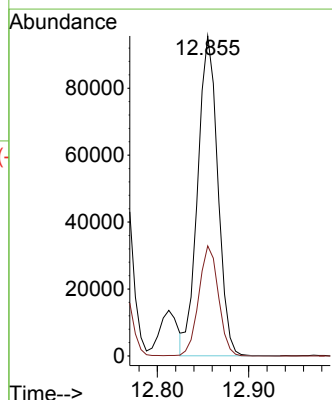
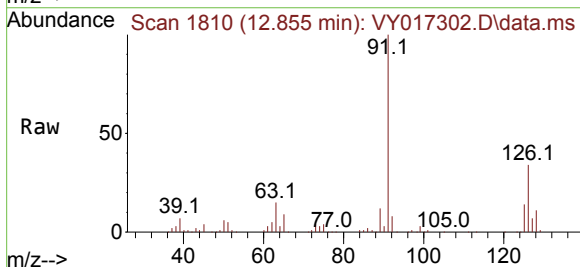
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

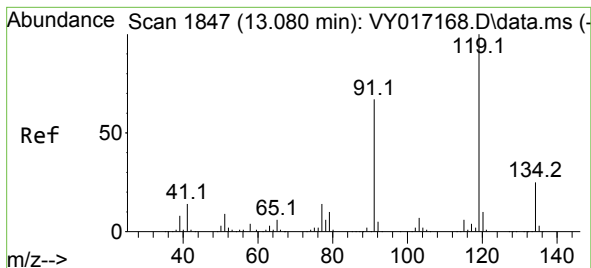
Tgt Ion: 75 Resp: 9043
Ion Ratio Lower Upper
75 100
53 95.0 74.0 111.0
89 42.6 36.5 54.7



#82
4-Chlorotoluene
Concen: 52.261 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VY017302.D
Acq: 07 Feb 2024 20:22

Tgt Ion: 91 Resp: 145406
Ion Ratio Lower Upper
91 100
126 33.8 17.1 51.2

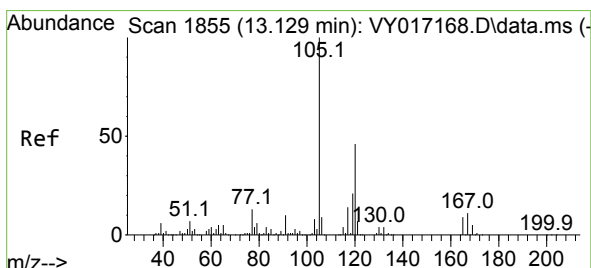
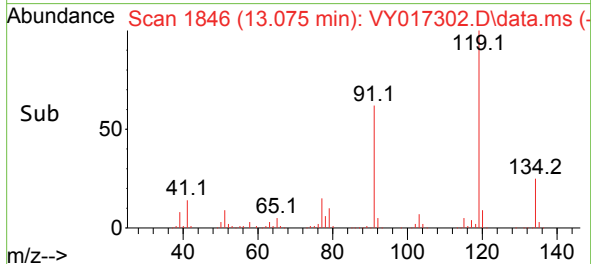
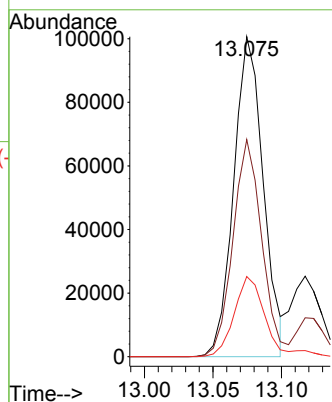
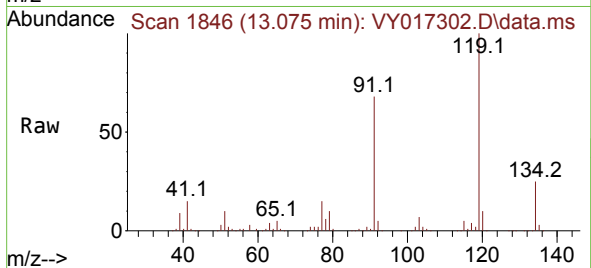




#83
tert-Butylbenzene
Concen: 55.348 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.006 min
Lab File: VY017302.D
Acq: 07 Feb 2024 20:22

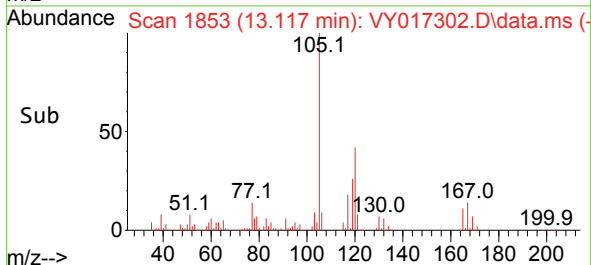
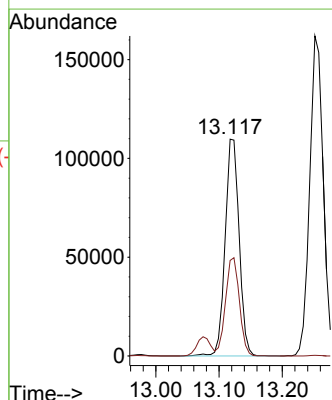
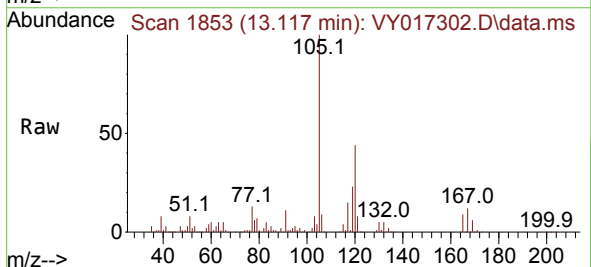
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

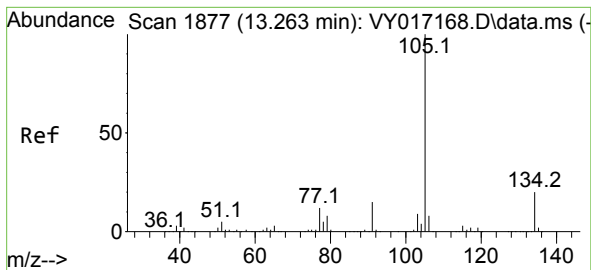
Tgt Ion:119 Resp: 151069
Ion Ratio Lower Upper
119 100
91 66.6 31.5 94.5
134 26.5 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 53.547 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.012 min
Lab File: VY017302.D
Acq: 07 Feb 2024 20:22

Tgt Ion:105 Resp: 168298
Ion Ratio Lower Upper
105 100
120 44.9 22.1 66.3





#85

sec-Butylbenzene

Concen: 56.132 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.012 min

Lab File: VY017302.D

Acq: 07 Feb 2024 20:22

Instrument :

MSVOA_Y

ClientSampleId :

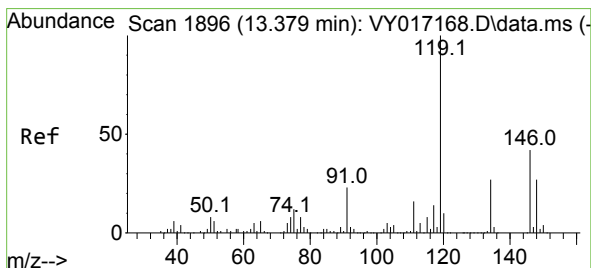
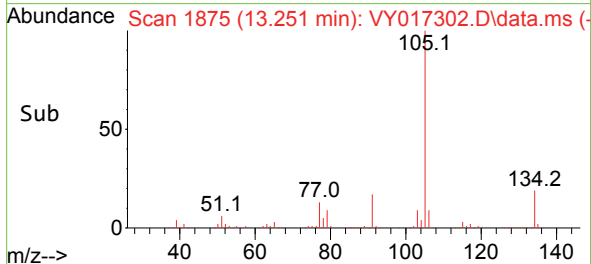
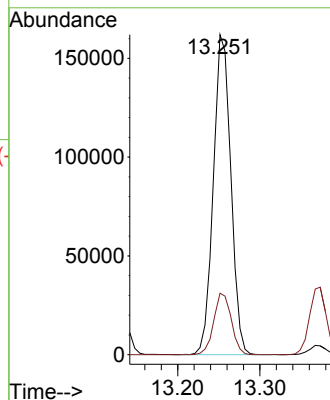
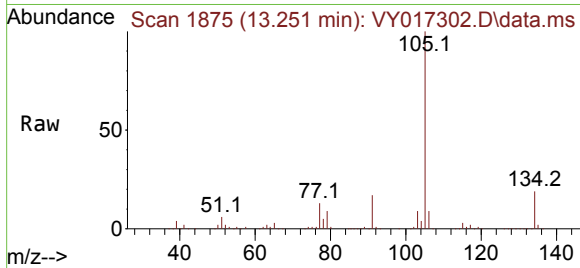
VSTDCCC050EC

Tgt Ion:105 Resp: 239457

Ion Ratio Lower Upper

105 100

134 19.3 9.7 28.9



#86

p-Isopropyltoluene

Concen: 55.006 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.006 min

Lab File: VY017302.D

Acq: 07 Feb 2024 20:22

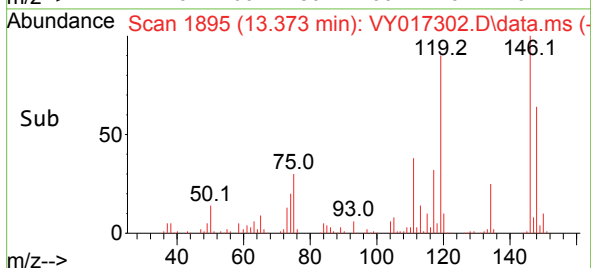
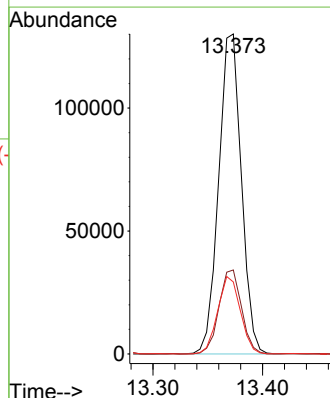
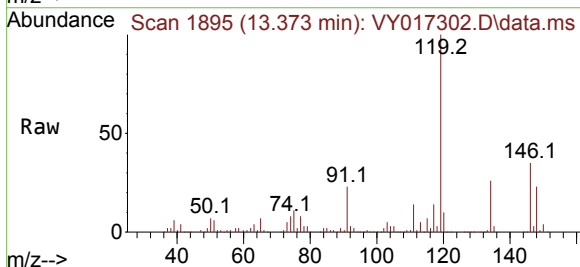
Tgt Ion:119 Resp: 187513

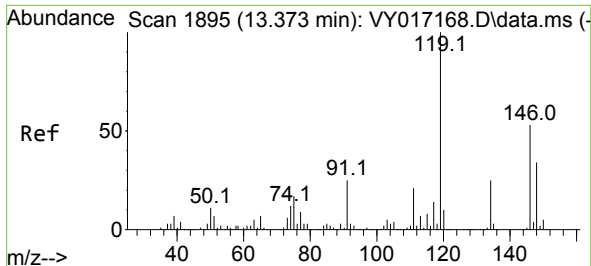
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

91 24.2 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 48.805 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017302.D

Acq: 07 Feb 2024 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

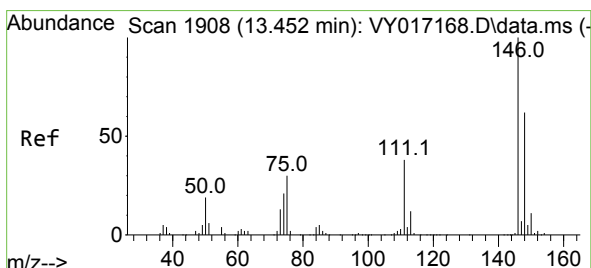
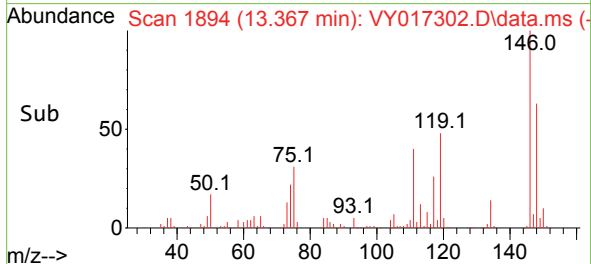
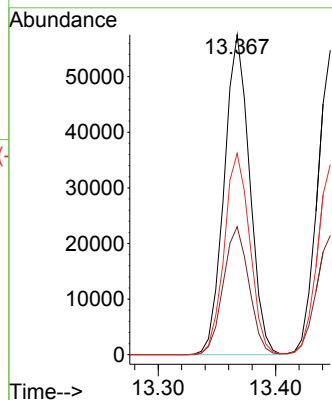
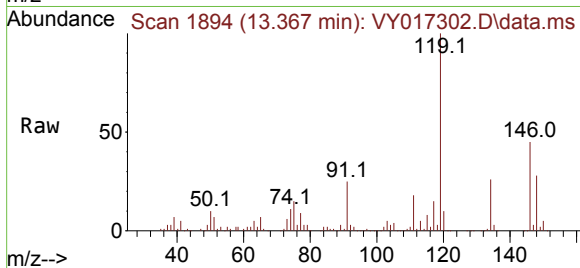
Tgt Ion:146 Resp: 86464

Ion Ratio Lower Upper

146 100

111 40.4 20.2 60.5

148 63.2 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 48.353 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY017302.D

Acq: 07 Feb 2024 20:22

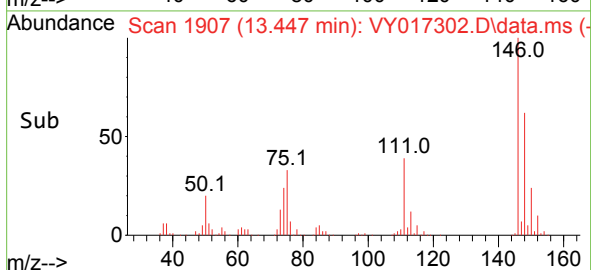
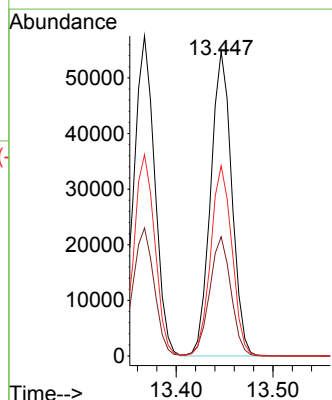
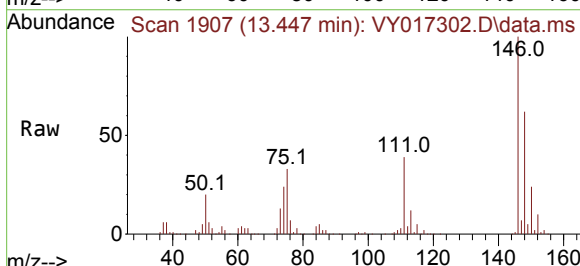
Tgt Ion:146 Resp: 83224

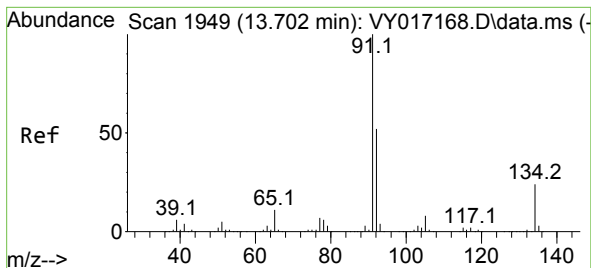
Ion Ratio Lower Upper

146 100

111 39.6 19.3 57.9

148 62.9 31.6 94.7





#89

n-Butylbenzene

Concen: 55.904 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY017302.D

Acq: 07 Feb 2024 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

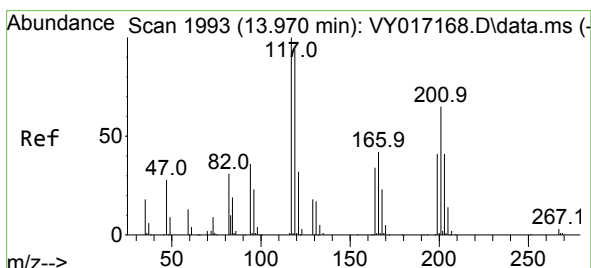
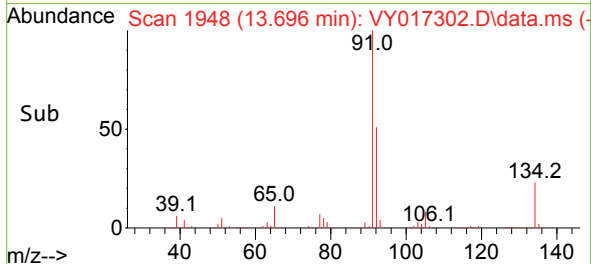
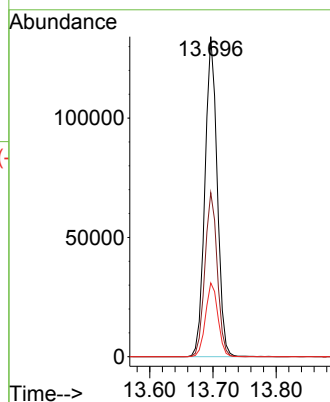
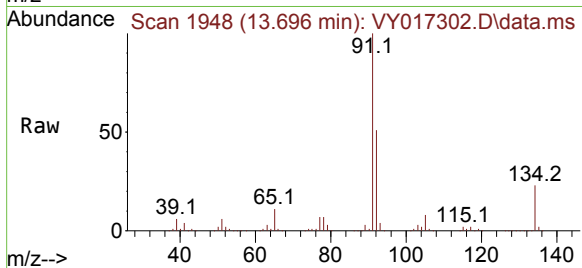
Tgt Ion: 91 Resp: 181193

Ion Ratio Lower Upper

91 100

92 51.6 26.4 79.2

134 23.3 12.3 36.8



#90

Hexachloroethane

Concen: 51.957 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.012 min

Lab File: VY017302.D

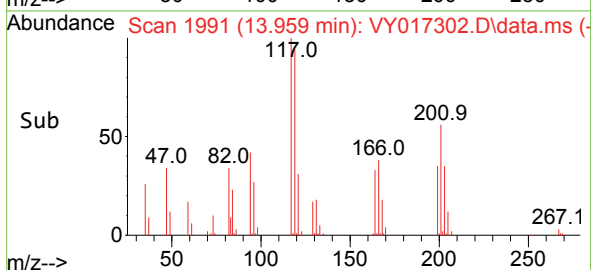
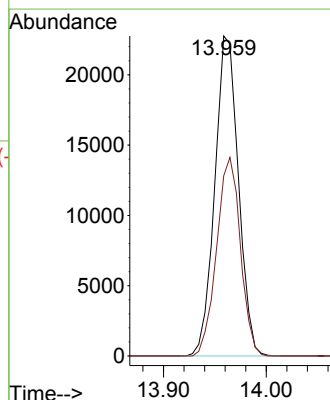
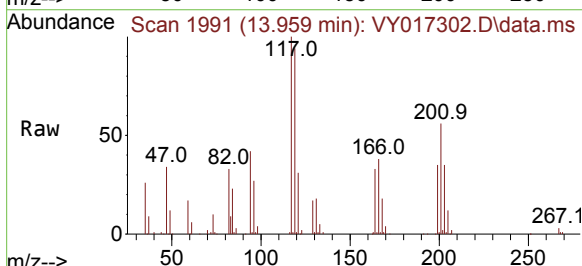
Acq: 07 Feb 2024 20:22

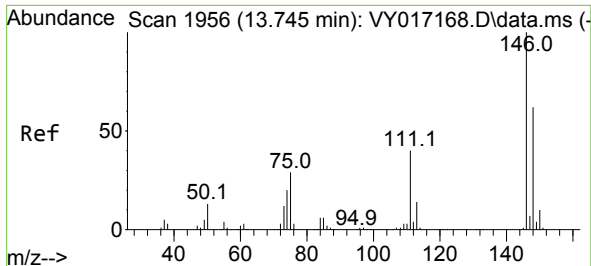
Tgt Ion: 117 Resp: 36361

Ion Ratio Lower Upper

117 100

201 62.3 33.4 100.1

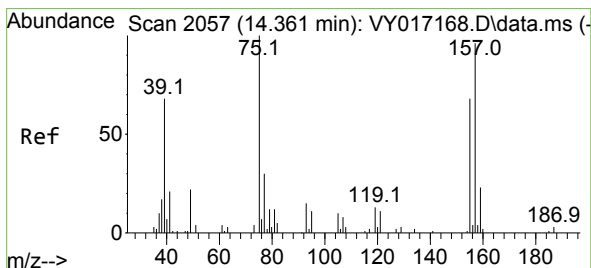
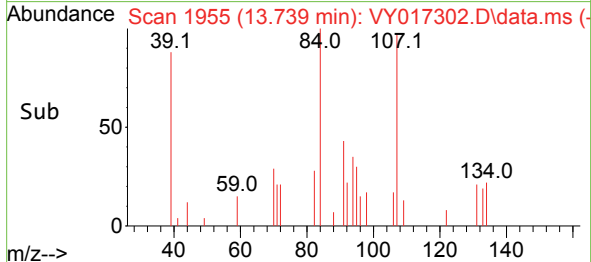
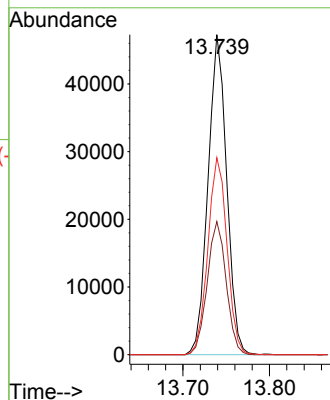
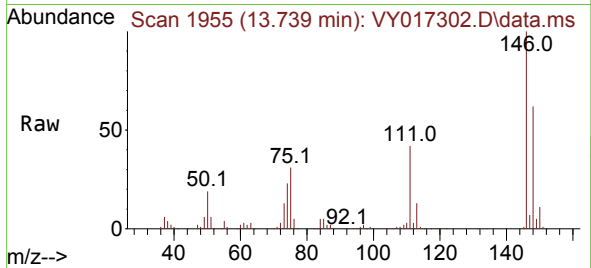




#91
 1,2-Dichlorobenzene
 Concen: 46.914 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. -0.006 min
 Lab File: VY017302.D
 Acq: 07 Feb 2024 20:22

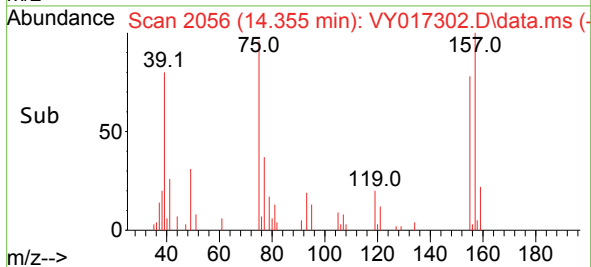
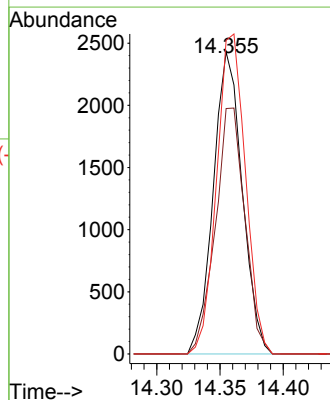
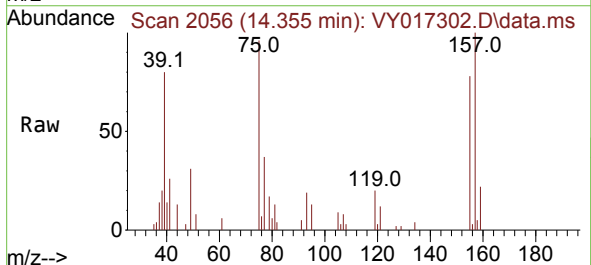
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

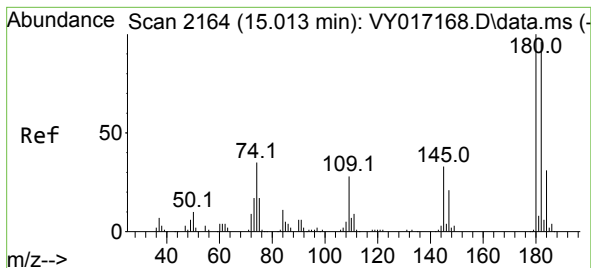
Tgt Ion:146 Resp: 70756
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.5 61.6
 148 63.2 31.4 94.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 37.632 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.006 min
 Lab File: VY017302.D
 Acq: 07 Feb 2024 20:22

Tgt Ion: 75 Resp: 3860
 Ion Ratio Lower Upper
 75 100
 155 82.8 42.1 126.3
 157 105.6 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 45.163 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY017302.D

Acq: 07 Feb 2024 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

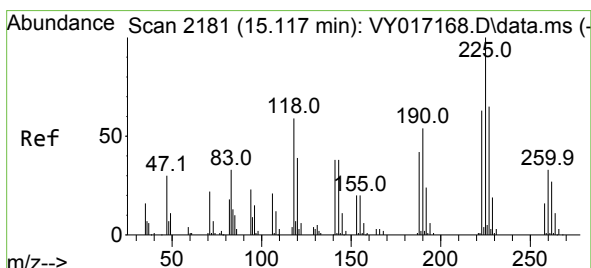
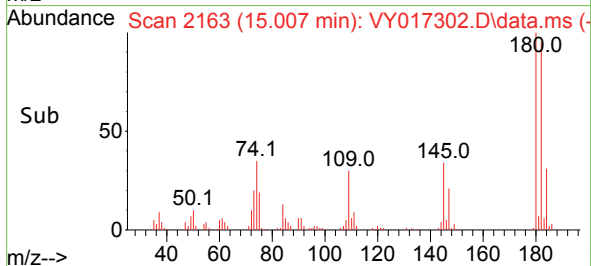
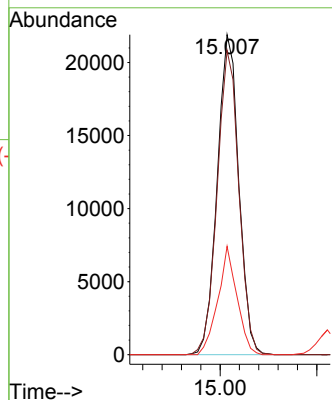
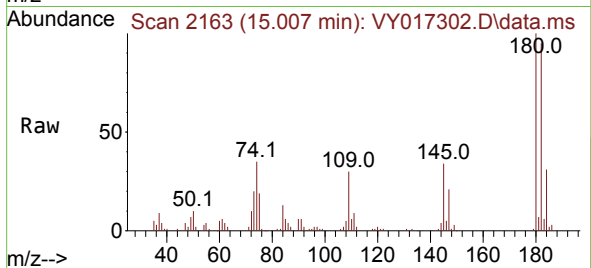
Tgt Ion:180 Resp: 33833

Ion Ratio Lower Upper

180 100

182 95.8 47.9 143.7

145 30.1 15.9 47.7



#94

Hexachlorobutadiene

Concen: 47.839 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.006 min

Lab File: VY017302.D

Acq: 07 Feb 2024 20:22

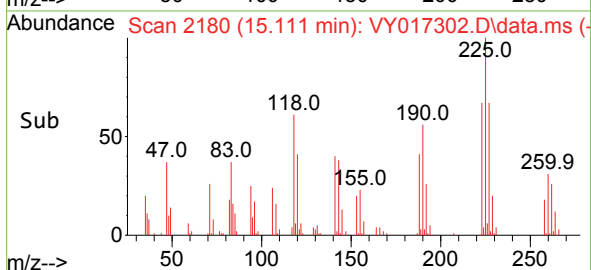
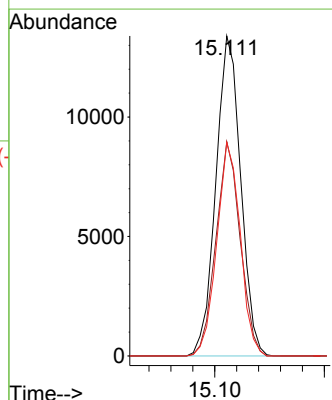
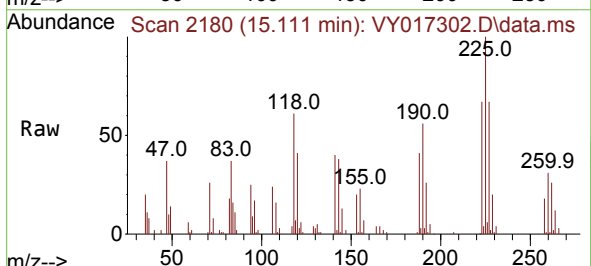
Tgt Ion:225 Resp: 21107

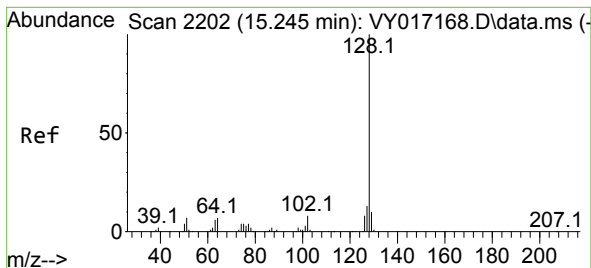
Ion Ratio Lower Upper

225 100

223 65.2 31.4 94.3

227 62.8 32.3 96.8





#95

Naphthalene

Concen: 39.867 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY017302.D

Acq: 07 Feb 2024 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

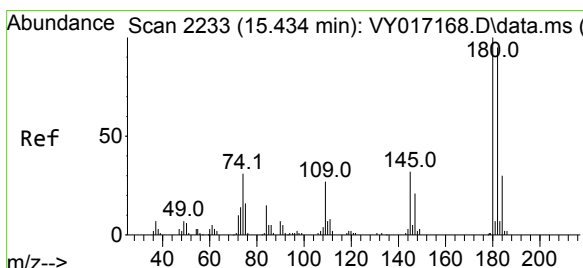
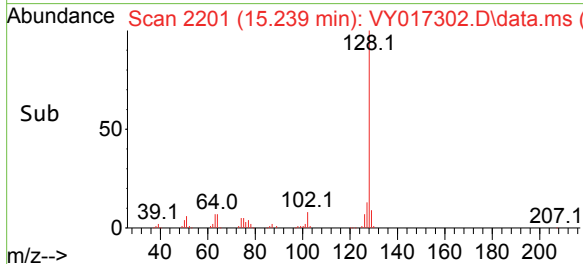
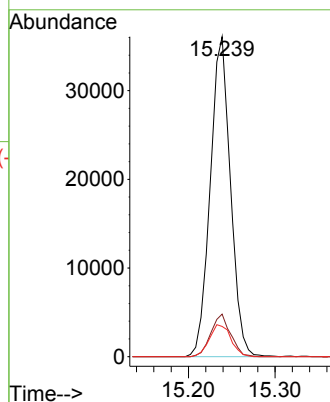
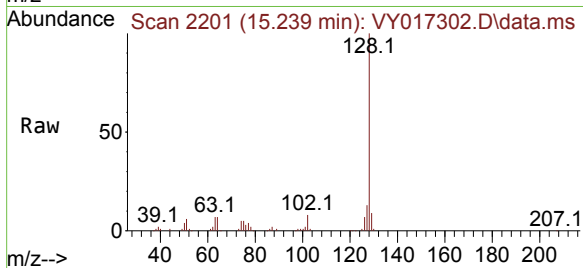
Tgt Ion:128 Resp: 58528

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 44.816 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY017302.D

Acq: 07 Feb 2024 20:22

Tgt Ion:180 Resp: 28554

Ion Ratio Lower Upper

180 100

182 93.3 46.3 138.8

145 32.5 16.1 48.2

