

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
 Data File : VY017218.D
 Acq On : 05 Feb 2024 09:41
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 06 01:10:09 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	7.813	168	136683	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.709	114	224221	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	193547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.446	152	87419	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	50639	41.472	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.940%
35) Dibromofluoromethane	7.740	113	54041	44.638	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.280%
50) Toluene-d8	10.203	98	202818	46.013	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.020%
62) 4-Bromofluorobenzene	12.501	95	64123	44.408	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.820%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	47197	45.550	ug/l	98
3) Chloromethane	2.125	50	90642	48.696	ug/l	99
4) Vinyl Chloride	2.265	62	105401	46.466	ug/l	99
5) Bromomethane	2.674	94	70086	44.573	ug/l	97
6) Chloroethane	2.814	64	71086	48.535	ug/l	99
7) Trichlorofluoromethane	3.143	101	156735	67.196	ug/l	98
8) Diethyl Ether	3.552	74	34741	47.351	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.918	101	71373	50.478	ug/l	100
10) Methyl Iodide	4.119	142	73943	49.744	ug/l	98
11) Tert butyl alcohol	5.033	59	5342	37.993	ug/l	99
12) 1,1-Dichloroethene	3.893	96	65854	49.705	ug/l	99
13) Acrolein	3.759	56	20741	202.791	ug/l	99
14) Allyl chloride	4.509	41	98777	49.316	ug/l	100
15) Acrylonitrile	5.204	53	69857	211.469	ug/l	99
16) Acetone	3.991	43	76389	212.853	ug/l	97
17) Carbon Disulfide	4.216	76	208267	49.244	ug/l	99
18) Methyl Acetate	4.509	43	37041	46.266	ug/l	99
19) Methyl tert-butyl Ether	5.253	73	145805	45.695	ug/l	100
20) Methylene Chloride	4.747	84	73539	50.034	ug/l	96
21) trans-1,2-Dichloroethene	5.253	96	75100	49.827	ug/l	98
22) Diisopropyl ether	6.149	45	215704	49.040	ug/l	99
23) Vinyl Acetate	6.088	43	610522	229.077	ug/l	99
24) 1,1-Dichloroethane	6.045	63	129896	48.208	ug/l	99
25) 2-Butanone	7.027	43	94533	198.146	ug/l	96
26) 2,2-Dichloropropane	7.008	77	110386	49.252	ug/l	100
27) cis-1,2-Dichloroethene	7.015	96	82521	48.953	ug/l	98
28) Bromochloromethane	7.362	49	47756	46.288	ug/l	97
29) Tetrahydrofuran	7.380	42	55318	205.258	ug/l	100
30) Chloroform	7.533	83	131584	48.545	ug/l	99
31) Cyclohexane	7.813	56	118946	48.330	ug/l	99
32) 1,1,1-Trichloroethane	7.728	97	115164	49.394	ug/l	99
36) 1,1-Dichloropropene	7.941	75	107053	51.263	ug/l	100
37) Ethyl Acetate	7.106	43	44636	46.085	ug/l	96
38) Carbon Tetrachloride	7.923	117	104037	52.033	ug/l	99
39) Methylcyclohexane	9.203	83	130415	53.456	ug/l	99
40) Benzene	8.185	78	303242	50.849	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	22141	48.248	ug/l	98
42) 1,2-Dichloroethane	8.258	62	73839	46.765	ug/l	99
43) Isopropyl Acetate	8.295	43	76081	44.373	ug/l	99
44) Trichloroethene	8.959	130	78357	51.762	ug/l	97
45) 1,2-Dichloropropane	9.240	63	72659	49.603	ug/l	96
46) Dibromomethane	9.325	93	37290	47.127	ug/l	98
47) Bromodichloromethane	9.514	83	96377	48.670	ug/l	97
48) Methyl methacrylate	9.313	41	36603	45.513	ug/l	100
49) 1,4-Dioxane	9.350	88	3121	362.383	ug/l #	6
51) 4-Methyl-2-Pentanone	10.093	43	210527	229.060	ug/l	99
52) Toluene	10.264	92	187778	52.166	ug/l	99
53) t-1,3-Dichloropropene	10.483	75	90618	48.718	ug/l	98
54) cis-1,3-Dichloropropene	9.947	75	111432	50.016	ug/l	99
55) 1,1,2-Trichloroethane	10.666	97	52145	48.437	ug/l	97
56) Ethyl methacrylate	10.526	69	63342	44.108	ug/l	99
57) 1,3-Dichloropropane	10.807	76	91020	49.156	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	179607	267.799	ug/l	100
59) 2-Hexanone	10.849	43	153714	231.288	ug/l	98
60) Dibromochloromethane	11.002	129	61874	48.992	ug/l	98
61) 1,2-Dibromoethane	11.105	107	47693	47.634	ug/l	99
64) Tetrachloroethene	10.740	164	63925	50.856	ug/l	99
65) Chlorobenzene	11.532	112	188473	50.479	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	68347	50.372	ug/l	98
67) Ethyl Benzene	11.611	91	354967	52.604	ug/l	99
68) m/p-Xylenes	11.721	106	269347	105.182	ug/l	100
69) o-Xylene	12.044	106	123367	52.314	ug/l	100
70) Styrene	12.062	104	206059	53.033	ug/l	99
71) Bromoform	12.227	173	34966	49.207	ug/l #	96
73) Isopropylbenzene	12.349	105	335528	52.246	ug/l	99
74) N-amyl acetate	12.160	43	68167	47.239	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.599	83	58225	46.096	ug/l	98
76) 1,2,3-Trichloropropane	12.648	75	70631	87.538	ug/l #	100
77) Bromobenzene	12.623	156	71038	49.869	ug/l	95
78) n-propylbenzene	12.690	91	412872	52.345	ug/l	100
79) 2-Chlorotoluene	12.776	91	218651	50.423	ug/l	98
80) 1,3,5-Trimethylbenzene	12.831	105	268103	52.491	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.398	75	17910	46.123	ug/l	99
82) 4-Chlorotoluene	12.873	91	227190	50.906	ug/l	99
83) tert-Butylbenzene	13.093	119	236606	54.042	ug/l	99
84) 1,2,4-Trimethylbenzene	13.135	105	263762	52.318	ug/l	98
85) sec-Butylbenzene	13.270	105	359436	52.528	ug/l	99
86) p-Isopropyltoluene	13.385	119	290683	53.160	ug/l	99
87) 1,3-Dichlorobenzene	13.385	146	143453	50.480	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	139240	50.434	ug/l	99
89) n-Butylbenzene	13.715	91	280482	53.950	ug/l	100
90) Hexachloroethane	13.977	117	57515	51.236	ug/l	98
91) 1,2-Dichlorobenzene	13.757	146	122222	50.521	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	7776	47.262	ug/l	98
93) 1,2,4-Trichlorobenzene	15.025	180	67334	56.035	ug/l	98
94) Hexachlorobutadiene	15.129	225	39890	56.363	ug/l	100
95) Naphthalene	15.251	128	124076	51.001	ug/l	100
96) 1,2,3-Trichlorobenzene	15.440	180	57742	56.499	ug/l	98

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VSTDCCC050

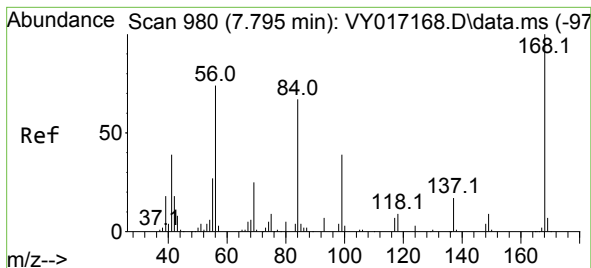
Quant Time: Feb 06 01:10:09 2024
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QLast Update : Fri Feb 02 00:56:04 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.813 min Scan# 9

Delta R.T. 0.018 min

Lab File: VY017218.D

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MSVOA_Y

ClientSampleId :

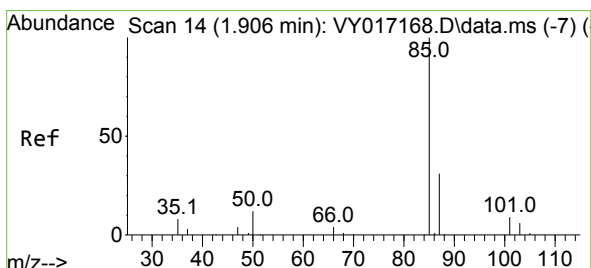
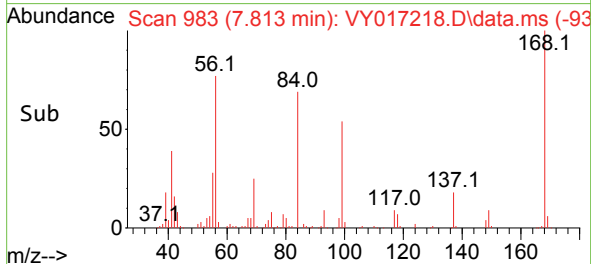
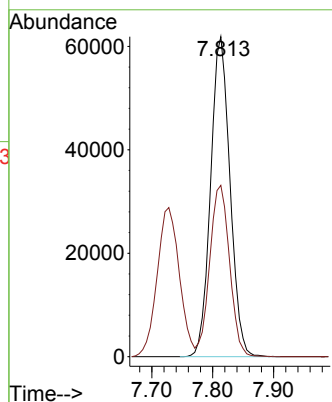
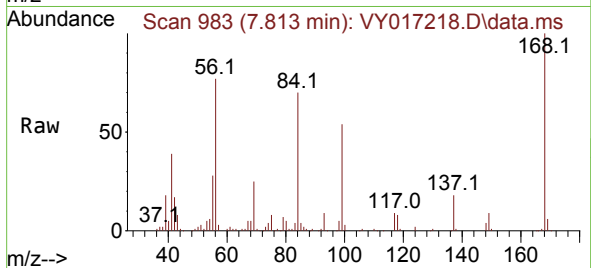
VSTDCCC050

Tgt Ion:168 Resp: 136683

Ion Ratio Lower Upper

168 100

99 53.5 44.2 66.4



#2

Dichlorodifluoromethane

Concen: 45.550 ug/l

RT: 1.918 min Scan# 16

Delta R.T. 0.012 min

Lab File: VY017218.D

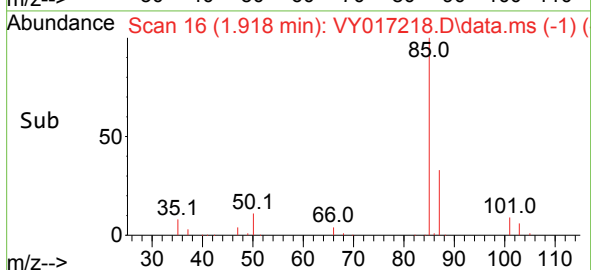
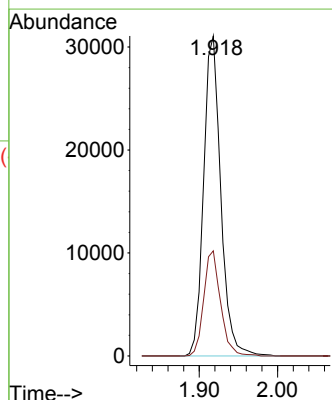
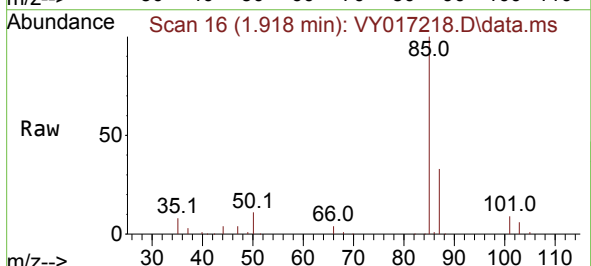
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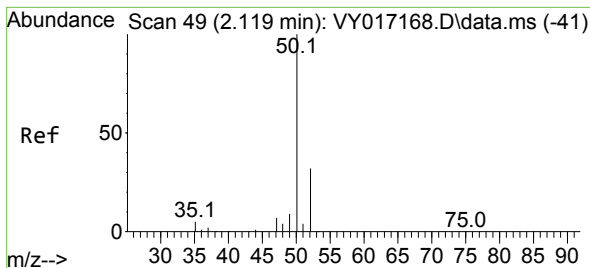
Tgt Ion: 85 Resp: 47197

Ion Ratio Lower Upper

85 100

87 32.8 17.1 51.3





#3

Chloromethane

Concen: 48.696 ug/l

RT: 2.125 min Scan# 50

Delta R.T. 0.006 min

Lab File: VY017218.D

Acq: 05 Feb 2024 09:41

Instrument :

MSVOA_Y

ClientSampleId :

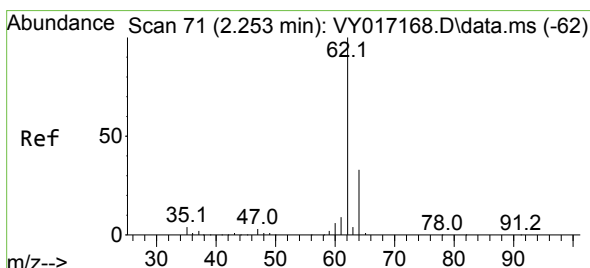
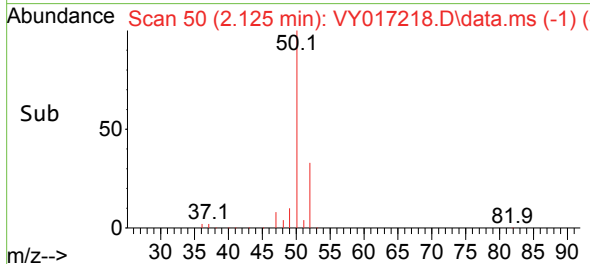
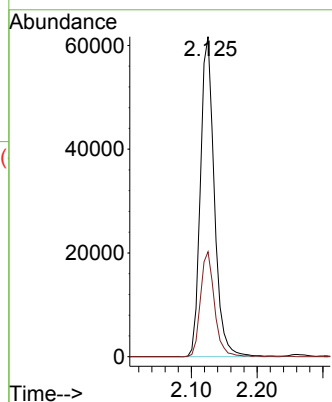
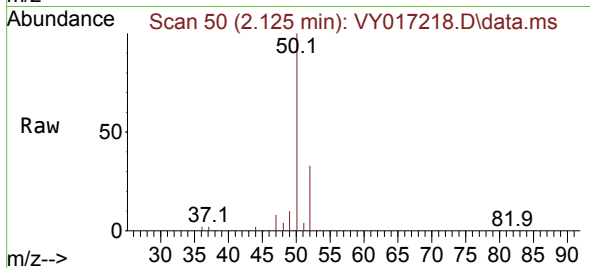
VSTDCCC050

Tgt Ion: 50 Resp: 90642

Ion Ratio Lower Upper

50 100

52 32.8 26.7 40.1



#4

Vinyl Chloride

Concen: 46.466 ug/l

RT: 2.265 min Scan# 73

Delta R.T. 0.012 min

Lab File: VY017218.D

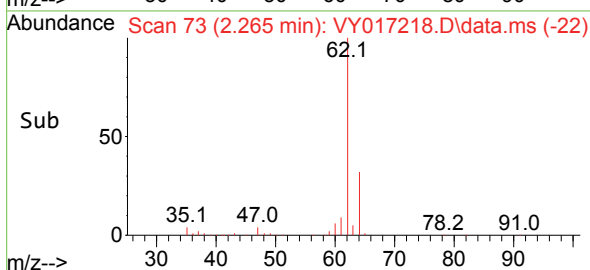
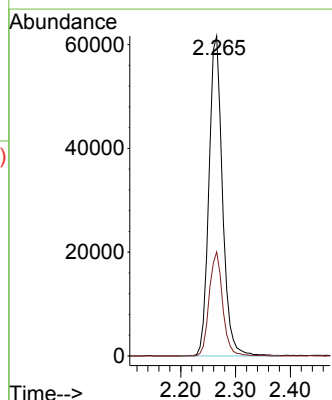
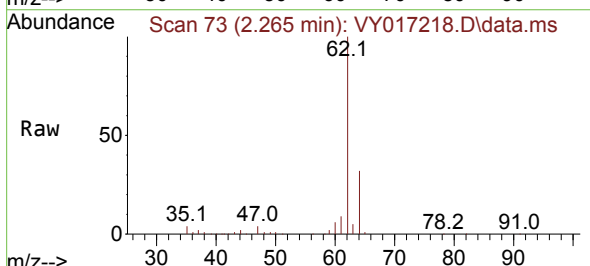
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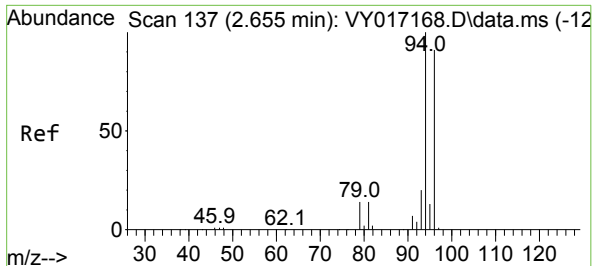
Tgt Ion: 62 Resp: 105401

Ion Ratio Lower Upper

62 100

64 32.5 25.7 38.5





#5

Bromomethane

Concen: 44.573 ug/l

RT: 2.674 min Scan# 14

Delta R.T. 0.019 min

Lab File: VY017218.D

Acq: 05 Feb 2024 09:41

Instrument :

MSVOA_Y

ClientSampleId :

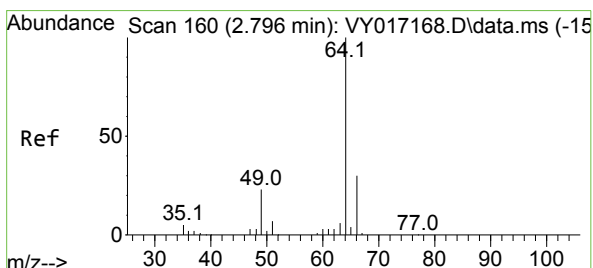
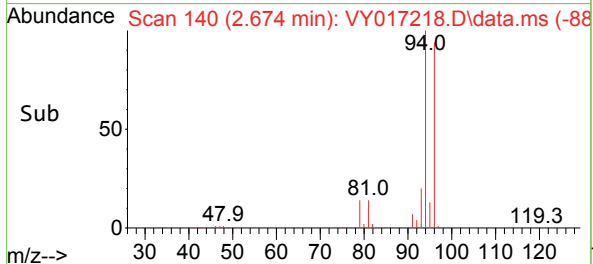
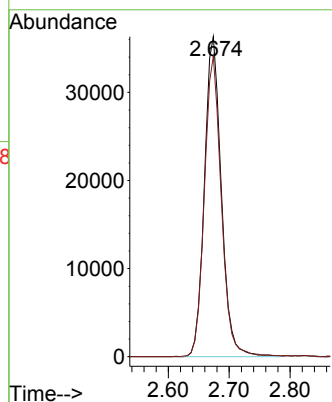
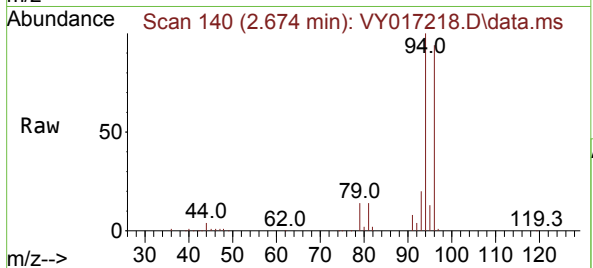
VSTDCCC050

Tgt Ion: 94 Resp: 70086

Ion Ratio Lower Upper

94 100

96 93.9 77.3 115.9



#6

Chloroethane

Concen: 48.535 ug/l

RT: 2.814 min Scan# 163

Delta R.T. 0.019 min

Lab File: VY017218.D

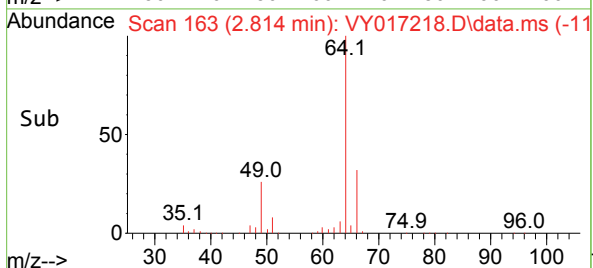
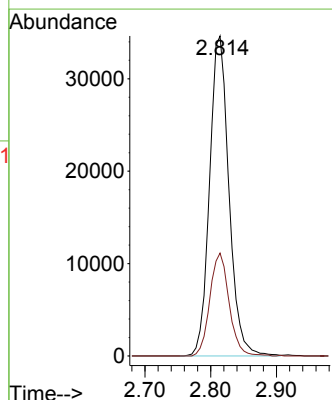
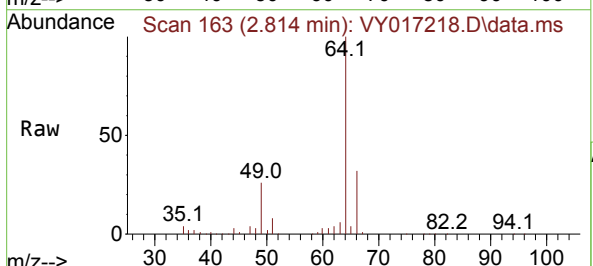
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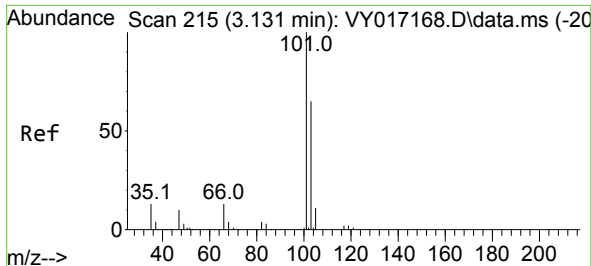
Tgt Ion: 64 Resp: 71086

Ion Ratio Lower Upper

64 100

66 32.2 25.1 37.7

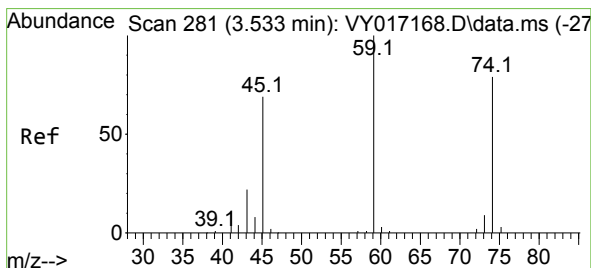
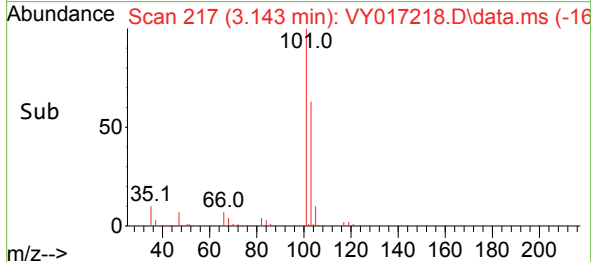
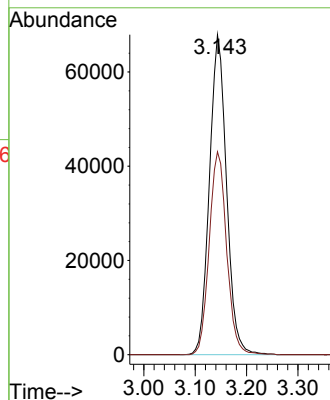
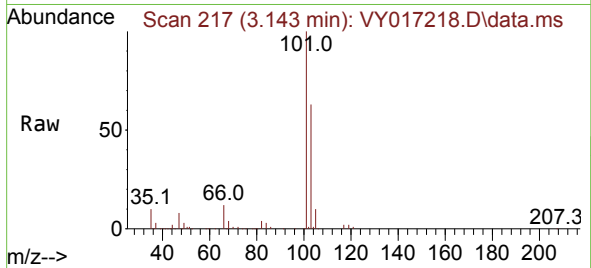




#7
Trichlorofluoromethane
Concen: 67.196 ug/l
RT: 3.143 min Scan# 215
Delta R.T. 0.012 min
Lab File: VY017218.D
Acq: 05 Feb 2024 09:41

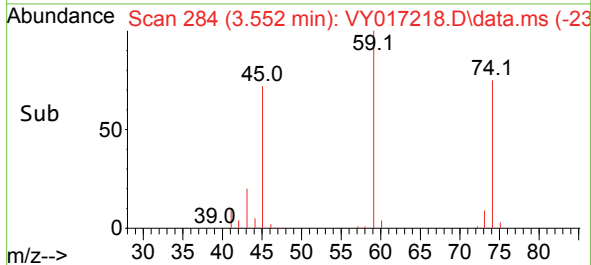
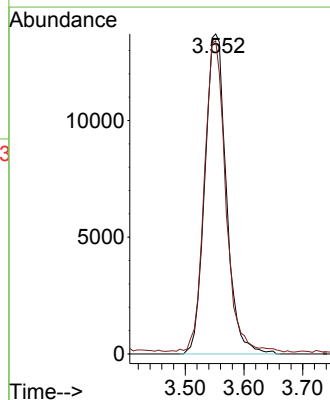
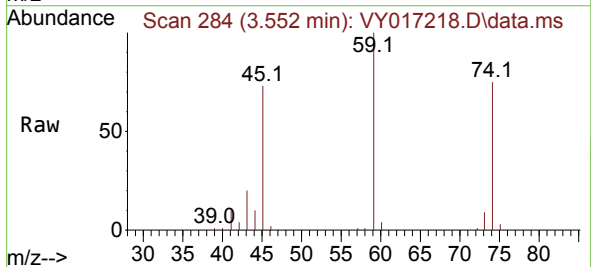
Instrument :
MSVOA_Y
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VSTDCCC050

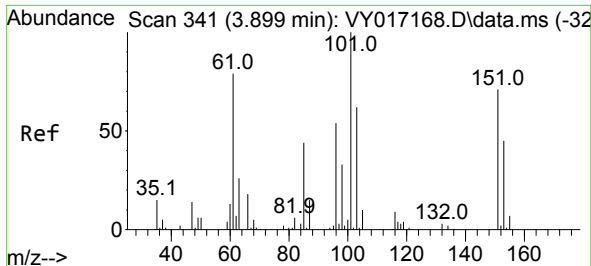
Tgt Ion:101 Resp: 156735
Ion Ratio Lower Upper
101 100
103 63.4 51.9 77.9



#8
Diethyl Ether
Concen: 47.351 ug/l
RT: 3.552 min Scan# 284
Delta R.T. 0.019 min
Lab File: VY017218.D
Acq: 05 Feb 2024 09:41

Tgt Ion: 74 Resp: 34741
Ion Ratio Lower Upper
74 100
45 97.4 47.9 143.7

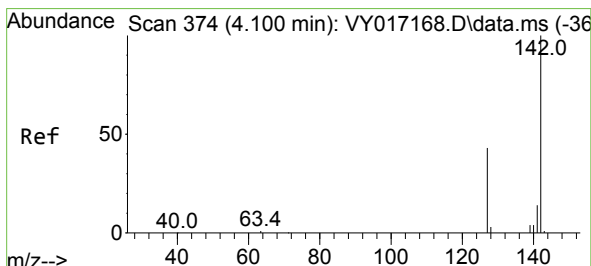
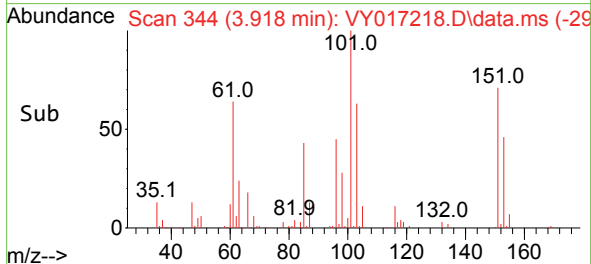
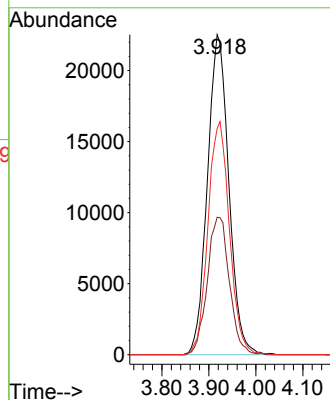
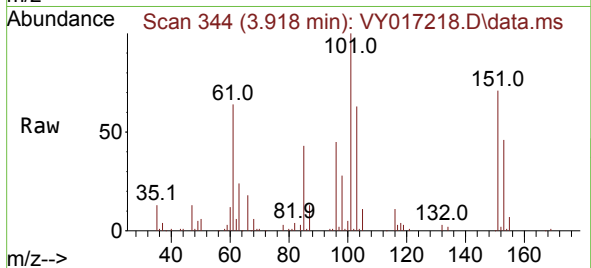




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.478 ug/l
RT: 3.918 min Scan# 341
Delta R.T. 0.019 min
Lab File: VY017218.D
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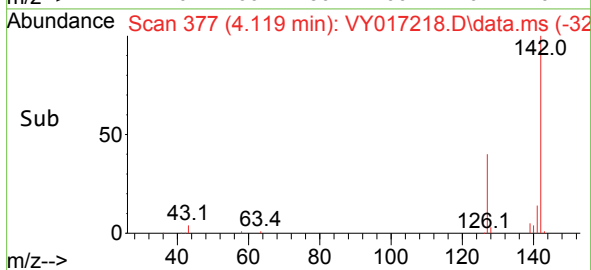
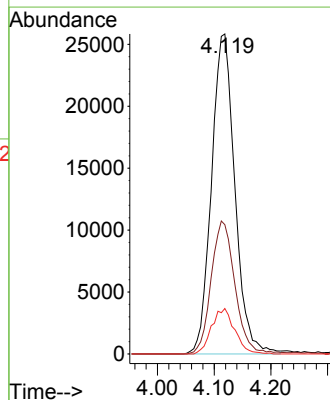
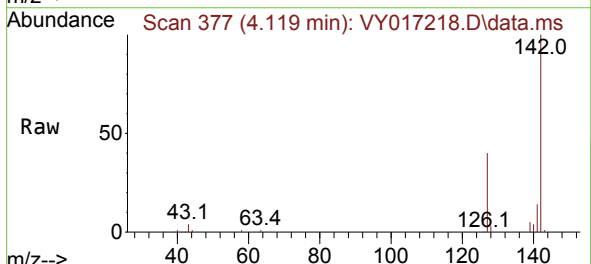
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

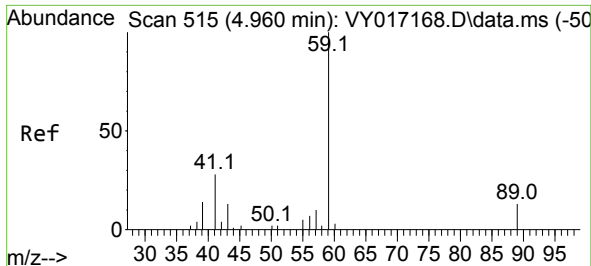
Tgt Ion:101 Resp: 71373
Ion Ratio Lower Upper
101 100
85 44.3 35.8 53.6
151 73.1 58.6 88.0



#10
Methyl Iodide
Concen: 49.744 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.019 min
Lab File: VY017218.D
Acq: 05 Feb 2024 09:41

Tgt Ion:142 Resp: 73943
Ion Ratio Lower Upper
142 100
127 42.4 35.1 52.7
141 14.1 11.8 17.6

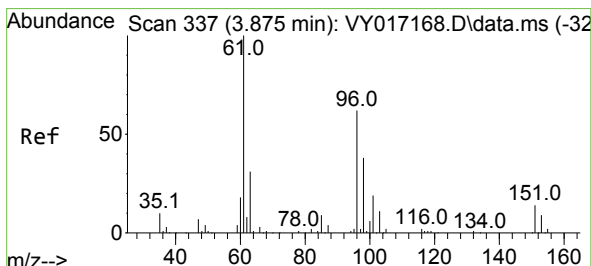
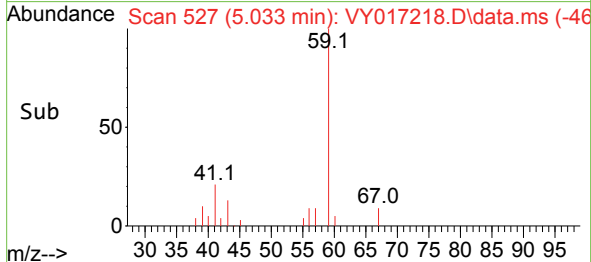
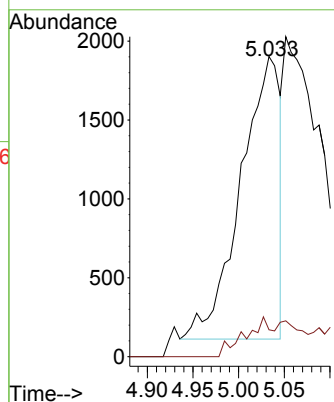
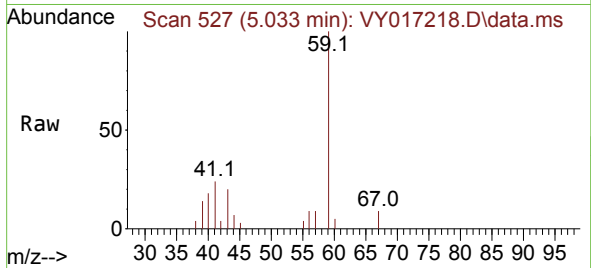




#11
Tert butyl alcohol
Concen: 37.993 ug/l
RT: 5.033 min Scan# 51
Delta R.T. 0.073 min
Lab File: VY017218.D
Acq: 05 Feb 2024 09:41

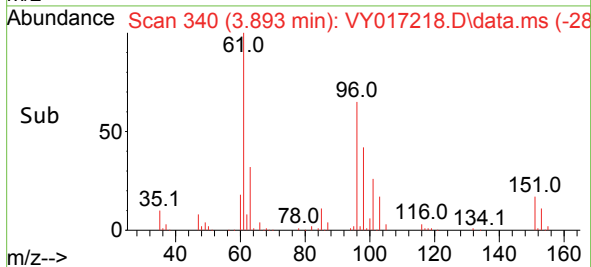
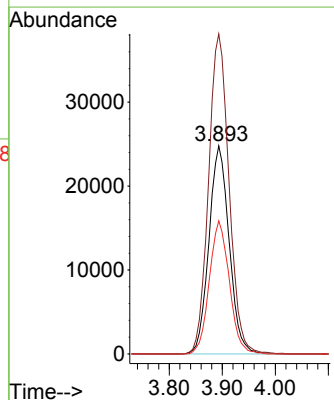
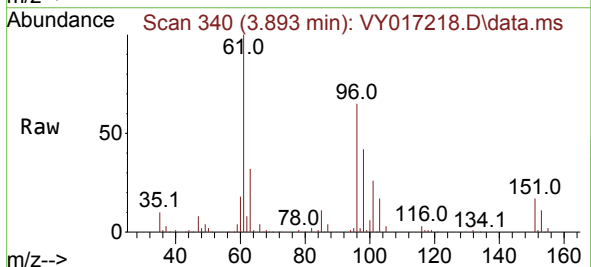
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

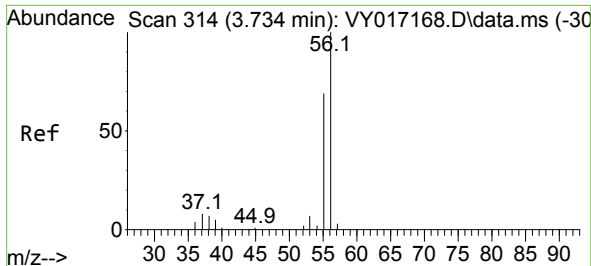
Tgt Ion: 59 Resp: 5342
Ion Ratio Lower Upper
59 100
57 9.7 7.4 11.0



#12
1,1-Dichloroethene
Concen: 49.705 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.019 min
Lab File: VY017218.D
Acq: 05 Feb 2024 09:41

Tgt Ion: 96 Resp: 65854
Ion Ratio Lower Upper
96 100
61 153.7 124.2 186.2
98 63.9 52.6 79.0





#13

Acrolein

Concen: 202.791 ug/l

RT: 3.759 min Scan# 314

Delta R.T. 0.025 min

Lab File: VY017218.D

Acq: 05 Feb 2024 09:41

Instrument :

MSVOA_Y

ClientSampleId :

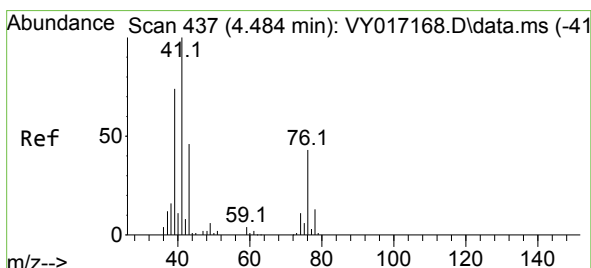
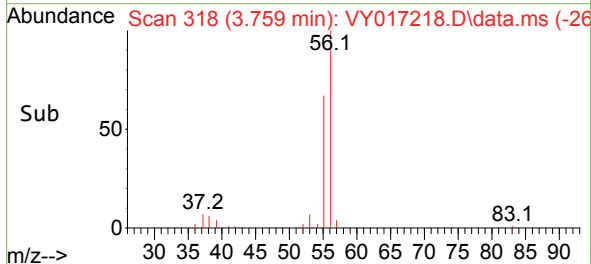
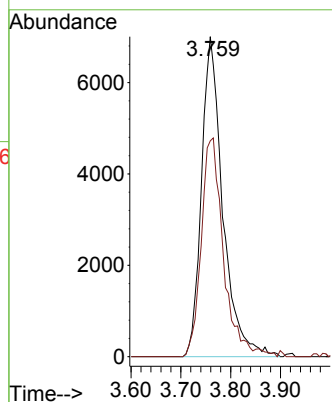
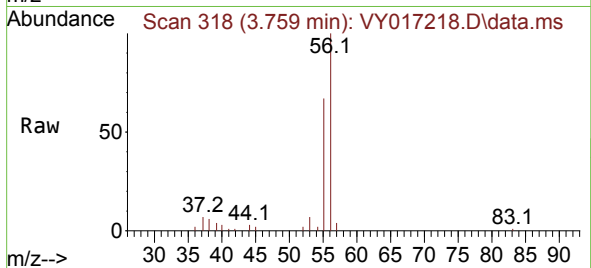
VSTDCCC050

Tgt Ion: 56 Resp: 20741

Ion Ratio Lower Upper

56 100

55 69.8 55.4 83.0



#14

Allyl chloride

Concen: 49.316 ug/l

RT: 4.509 min Scan# 441

Delta R.T. 0.025 min

Lab File: VY017218.D

Acq: 05 Feb 2024 09:41

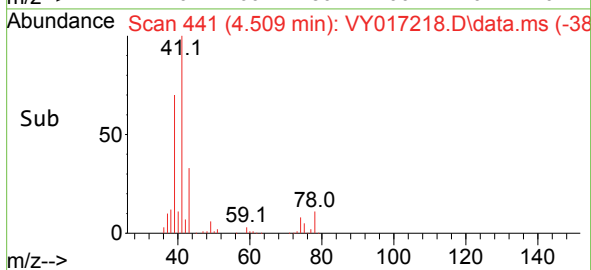
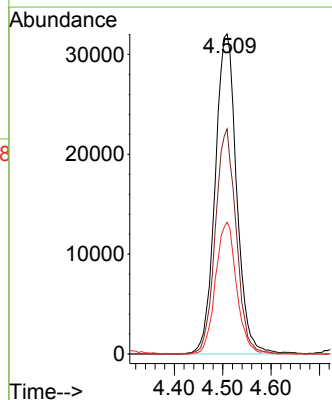
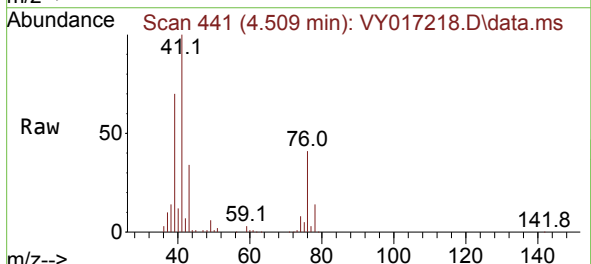
Tgt Ion: 41 Resp: 98777

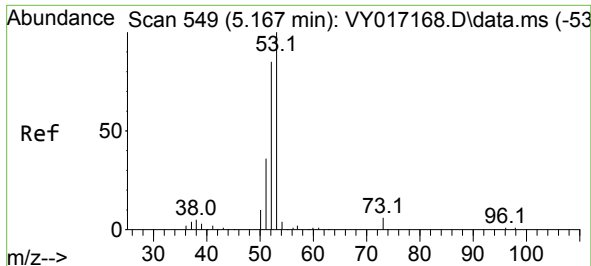
Ion Ratio Lower Upper

41 100

39 68.4 54.7 82.1

76 40.4 31.8 47.6

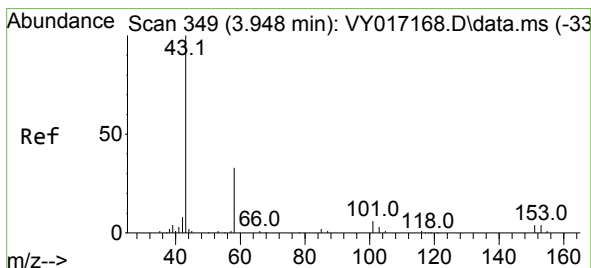
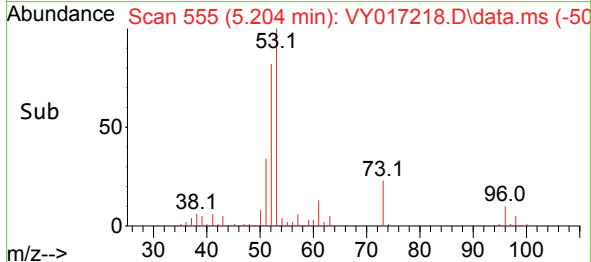
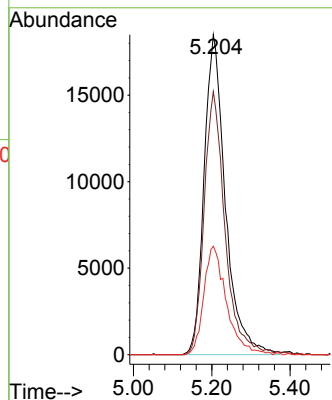
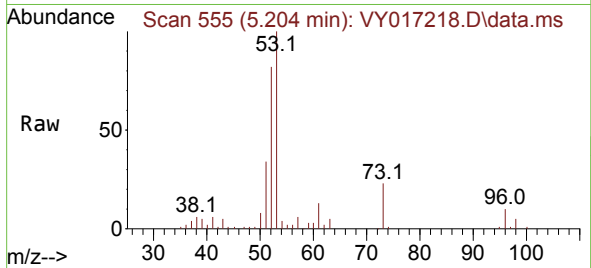




#15
Acrylonitrile
Concen: 211.469 ug/l
RT: 5.204 min Scan# 51
Delta R.T. 0.037 min
Lab File: VY017218.D
Acq: 05 Feb 2024 09:41

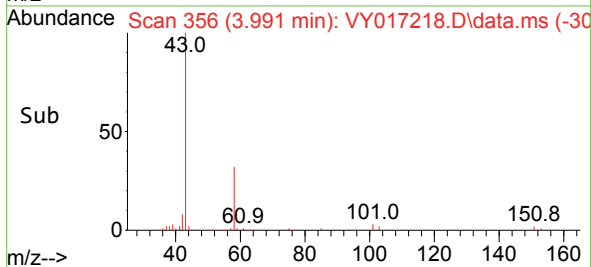
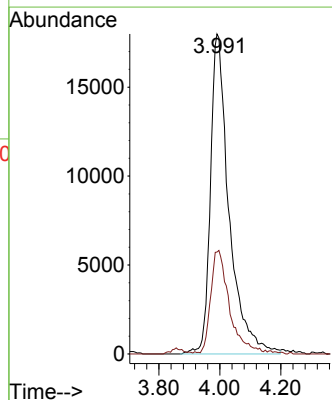
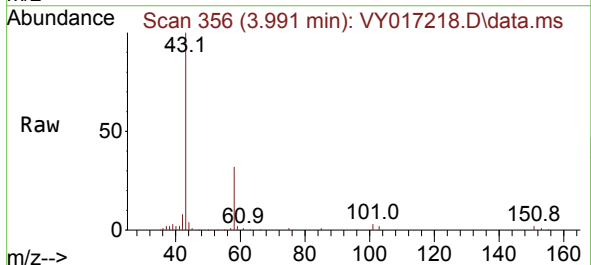
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

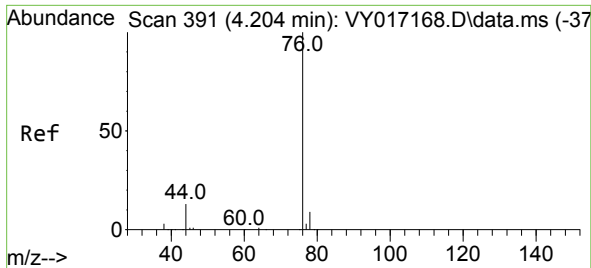
Tgt Ion: 53 Resp: 69857
Ion Ratio Lower Upper
53 100
52 79.8 65.1 97.7
51 36.1 29.0 43.4



#16
Acetone
Concen: 212.853 ug/l
RT: 3.991 min Scan# 356
Delta R.T. 0.043 min
Lab File: VY017218.D
Acq: 05 Feb 2024 09:41

Tgt Ion: 43 Resp: 76389
Ion Ratio Lower Upper
43 100
58 31.3 26.6 39.8

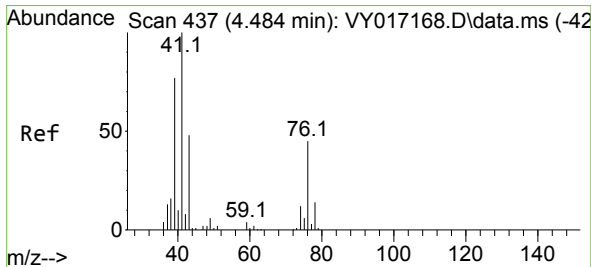
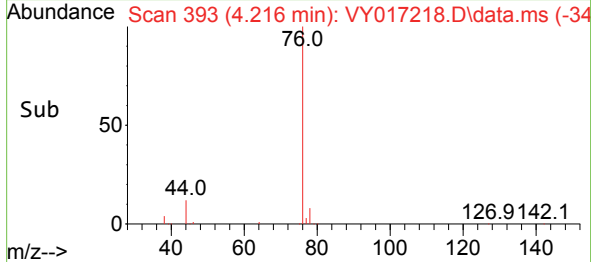
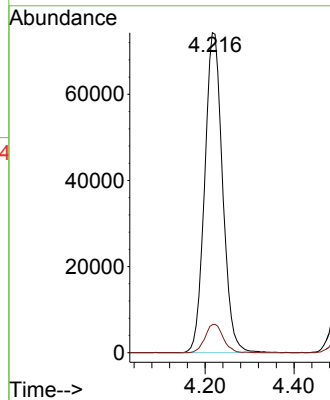
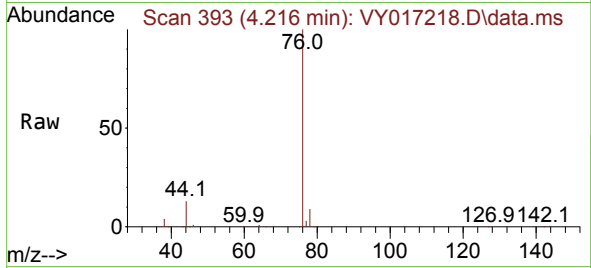




#17
Carbon Disulfide
Concen: 49.244 ug/l
RT: 4.216 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY017218.D
Acq: 05 Feb 2024 09:41

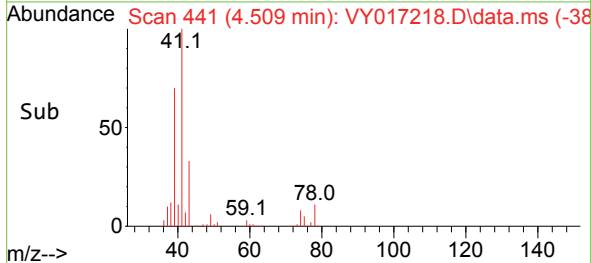
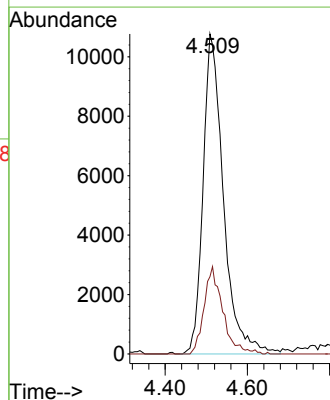
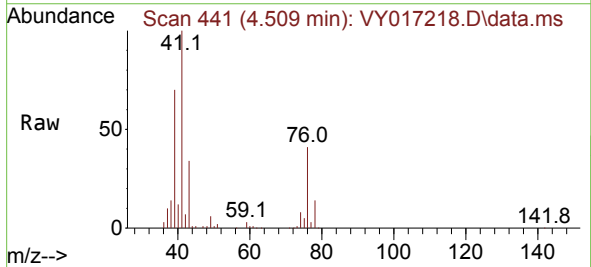
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

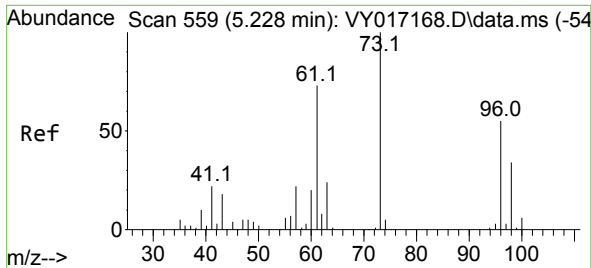
Tgt Ion: 76 Resp: 208267
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 46.266 ug/l
RT: 4.509 min Scan# 441
Delta R.T. 0.025 min
Lab File: VY017218.D
Acq: 05 Feb 2024 09:41

Tgt Ion: 43 Resp: 37041
Ion Ratio Lower Upper
43 100
74 25.0 19.8 29.6

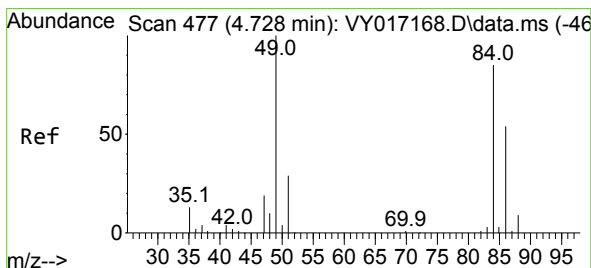
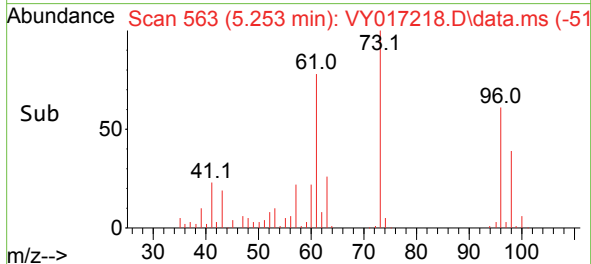
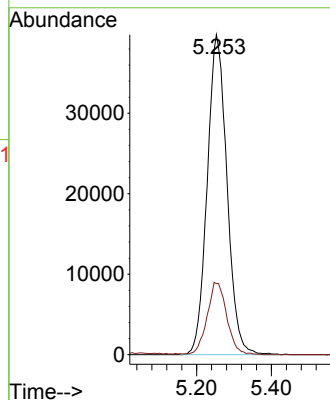
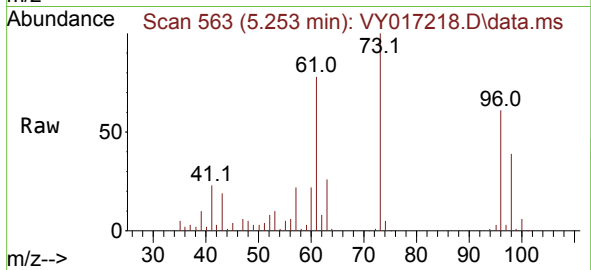




#19
Methyl tert-butyl Ether
Concen: 45.695 ug/l
RT: 5.253 min Scan# 51
Delta R.T. 0.025 min
Lab File: VY017218.D
Acq: 05 Feb 2024 09:41

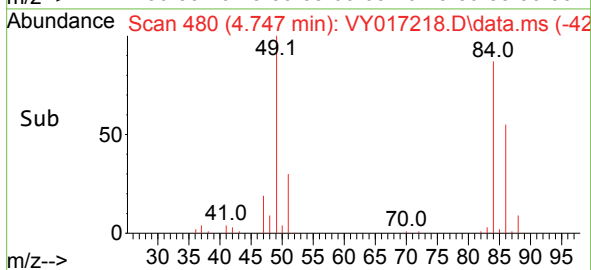
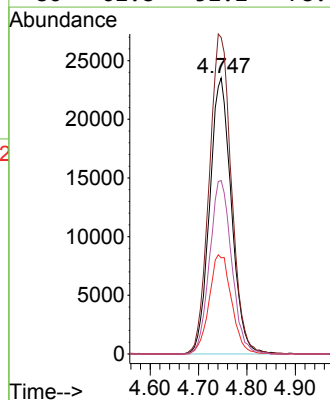
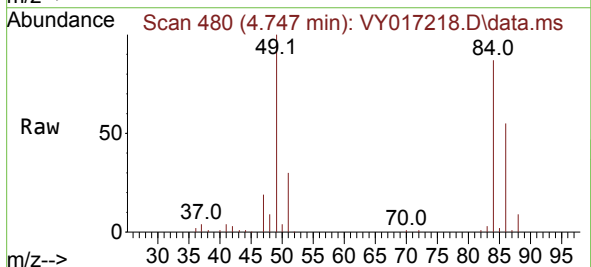
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

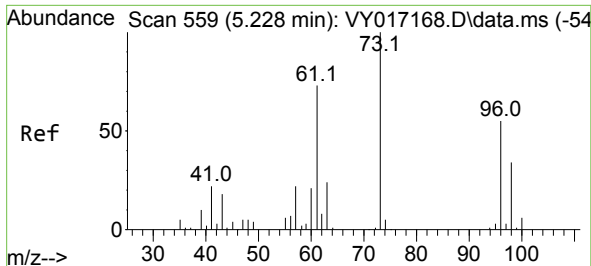
Tgt Ion: 73 Resp: 145805
Ion Ratio Lower Upper
73 100
57 22.3 17.7 26.5



#20
Methylene Chloride
Concen: 50.034 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.019 min
Lab File: VY017218.D
Acq: 05 Feb 2024 09:41

Tgt Ion: 84 Resp: 73539
Ion Ratio Lower Upper
84 100
49 114.6 95.2 142.8
51 34.8 29.9 44.9
86 62.8 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 49.827 ug/l

RT: 5.253 min Scan# 5

Delta R.T. 0.025 min

Lab File: VY017218.D

Acq: 05 Feb 2024 09:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

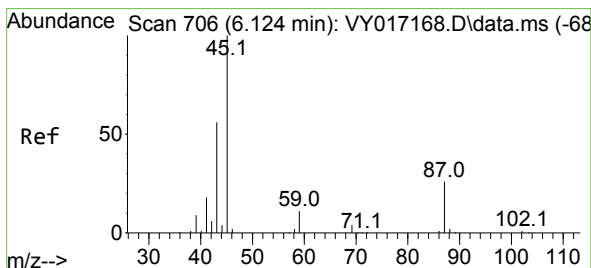
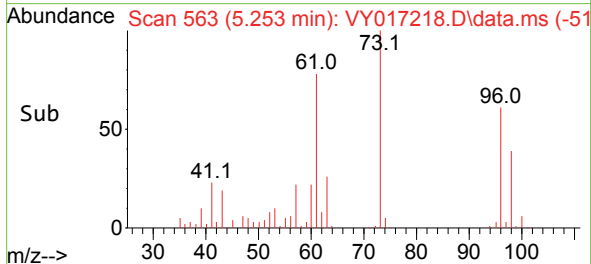
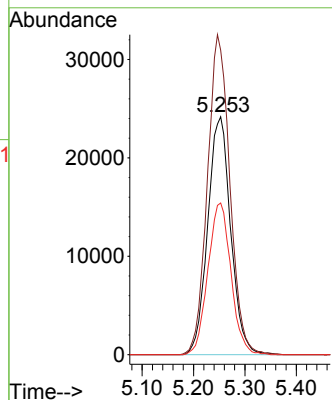
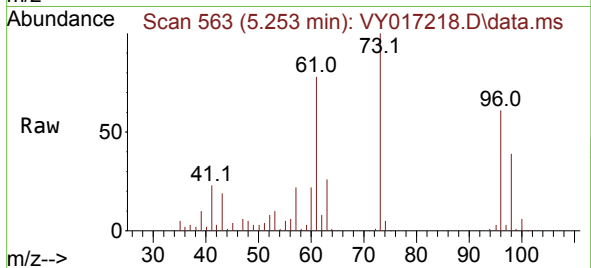
Tgt Ion: 96 Resp: 75100

Ion Ratio Lower Upper

96 100

61 128.0 104.6 156.8

98 63.7 50.9 76.3



#22

Diisopropyl ether

Concen: 49.040 ug/l

RT: 6.149 min Scan# 710

Delta R.T. 0.025 min

Lab File: VY017218.D

Acq: 05 Feb 2024 09:41

Tgt Ion: 45 Resp: 215704

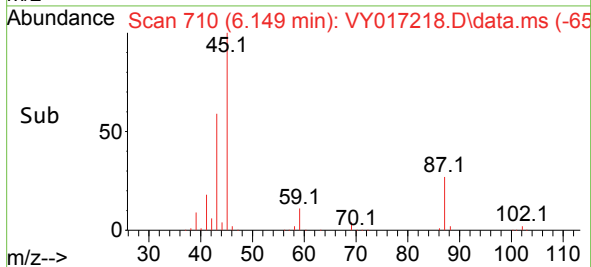
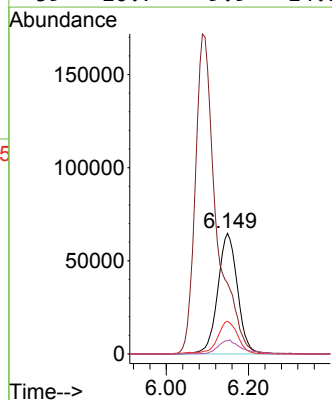
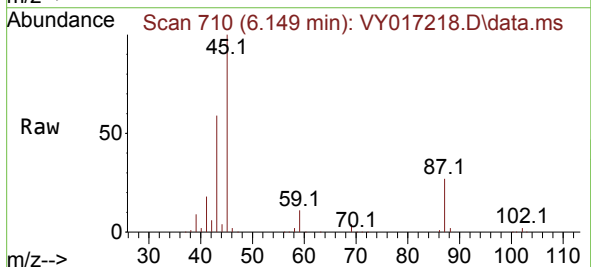
Ion Ratio Lower Upper

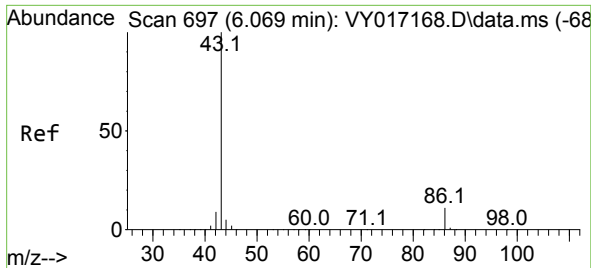
45 100

43 58.1 46.8 70.2

87 27.0 22.2 33.2

59 10.7 9.9 14.9

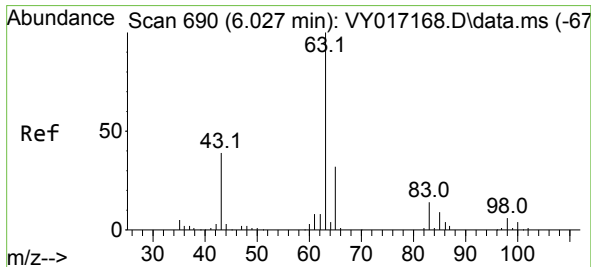
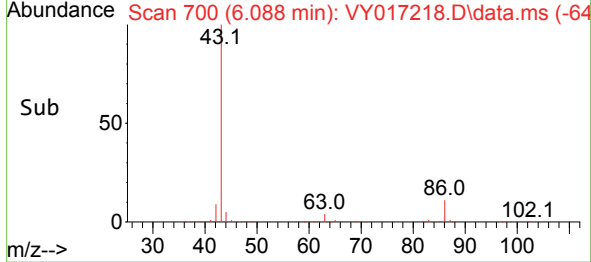
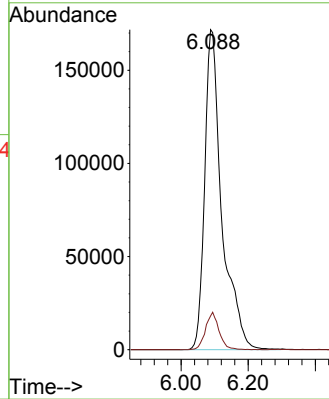
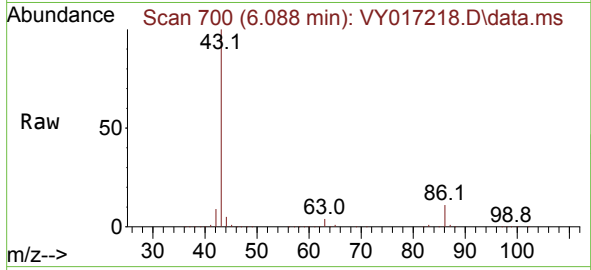




#23
Vinyl Acetate
Concen: 229.077 ug/l
RT: 6.088 min Scan# 700
Delta R.T. 0.019 min
Lab File: VY017218.D
Acq: 05 Feb 2024 09:41

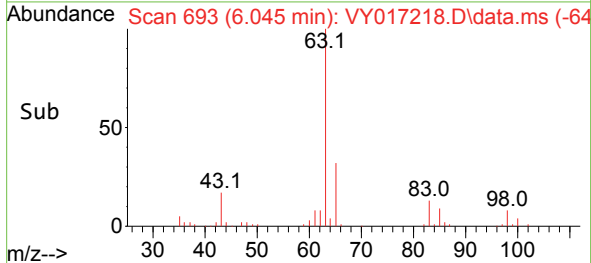
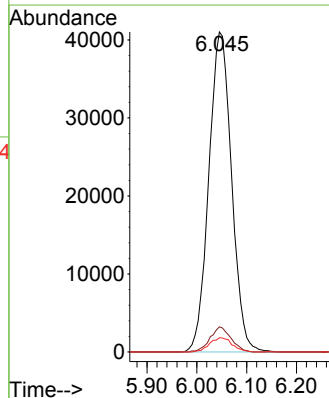
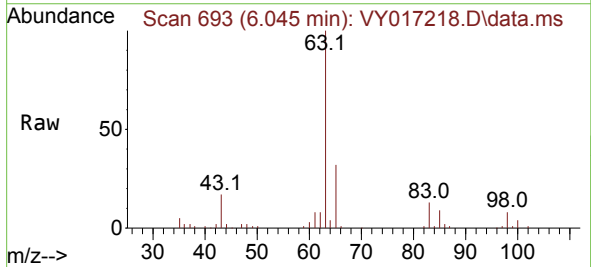
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 610522
Ion Ratio Lower Upper
43 100
86 10.6 8.6 13.0



#24
1,1-Dichloroethane
Concen: 48.208 ug/l
RT: 6.045 min Scan# 693
Delta R.T. 0.019 min
Lab File: VY017218.D
Acq: 05 Feb 2024 09:41

Tgt Ion: 63 Resp: 129896
Ion Ratio Lower Upper
63 100
98 7.9 3.8 11.4
100 4.4 2.1 6.2





#25

2-Butanone

Concen: 198.146 ug/l

RT: 7.027 min Scan# 854

Delta R.T. 0.037 min

Lab File: VY017218.D

Acq: 05 Feb 2024 09:41

Instrument :

MSVOA_Y

ClientSampleId :

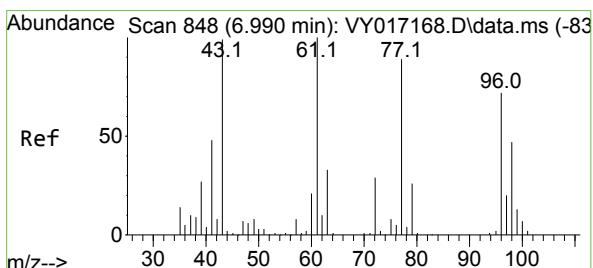
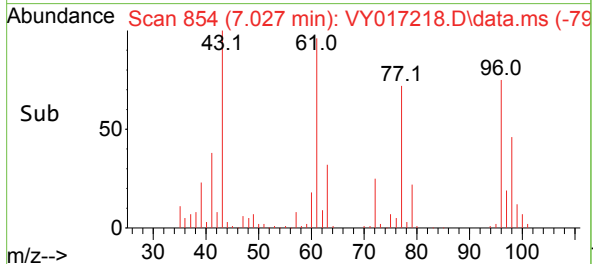
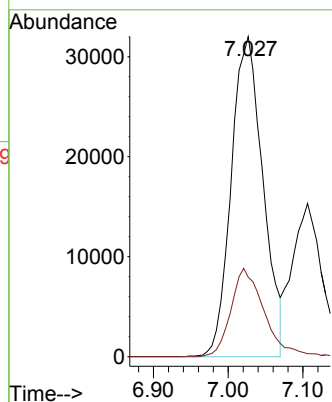
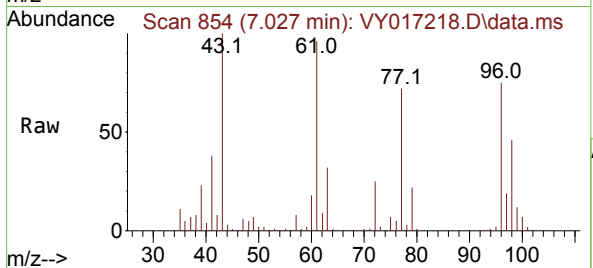
VSTDCCC050

Tgt Ion: 43 Resp: 94533

Ion Ratio Lower Upper

43 100

72 24.8 21.4 32.2



#26

2,2-Dichloropropane

Concen: 49.252 ug/l

RT: 7.008 min Scan# 851

Delta R.T. 0.019 min

Lab File: VY017218.D

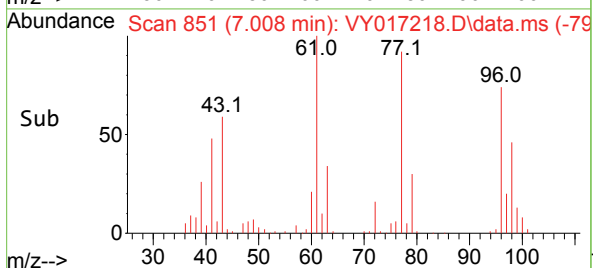
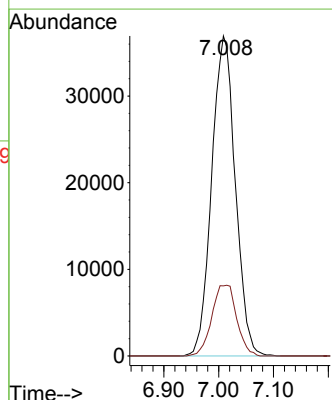
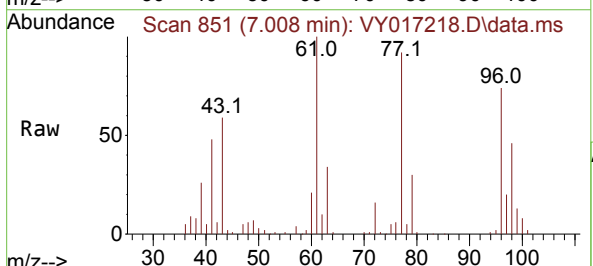
Acq: 05 Feb 2024 09:41

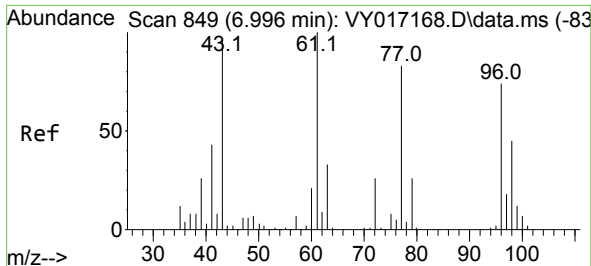
Tgt Ion: 77 Resp: 110386

Ion Ratio Lower Upper

77 100

97 23.3 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 48.953 ug/l

RT: 7.015 min Scan# 81

Delta R.T. 0.019 min

Lab File: VY017218.D

Acq: 05 Feb 2024 09:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

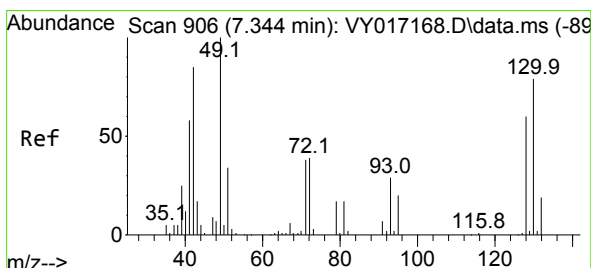
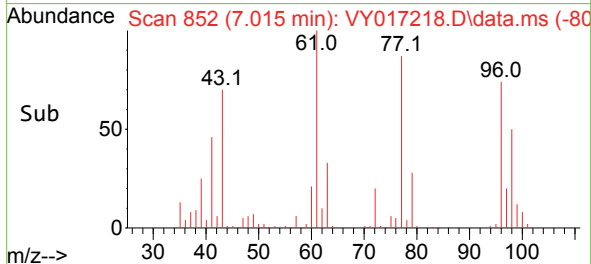
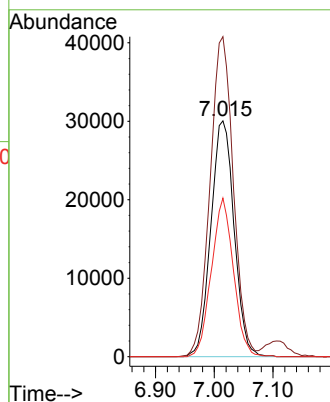
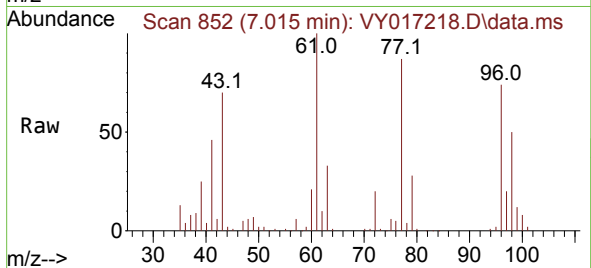
Tgt Ion: 96 Resp: 82521

Ion Ratio Lower Upper

96 100

61 135.9 0.0 278.8

98 63.8 0.0 127.0



#28

Bromochloromethane

Concen: 46.288 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.019 min

Lab File: VY017218.D

Acq: 05 Feb 2024 09:41

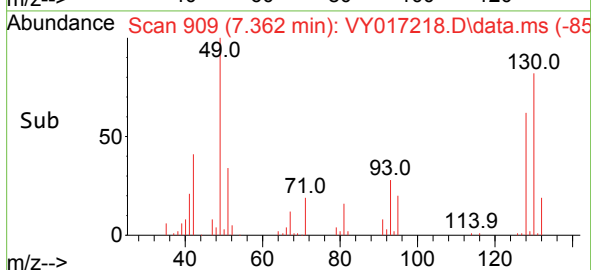
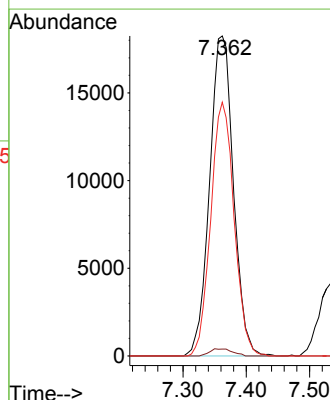
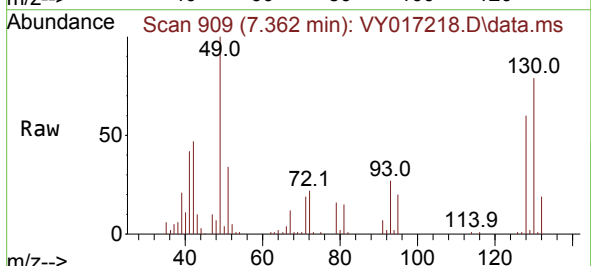
Tgt Ion: 49 Resp: 47756

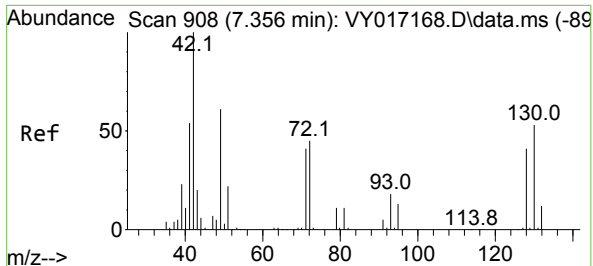
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

130 77.7 59.8 89.8





#29

Tetrahydrofuran

Concen: 205.258 ug/l

RT: 7.380 min Scan# 912

Delta R.T. 0.025 min

Lab File: VY017218.D

Acq: 05 Feb 2024 09:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

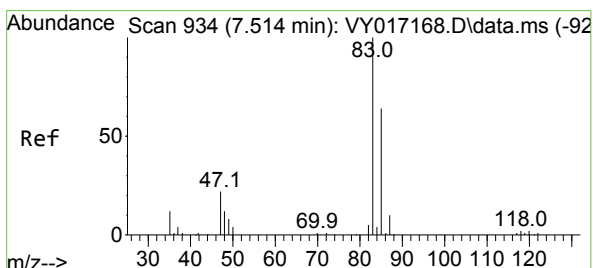
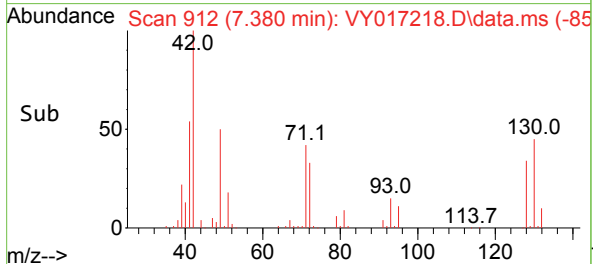
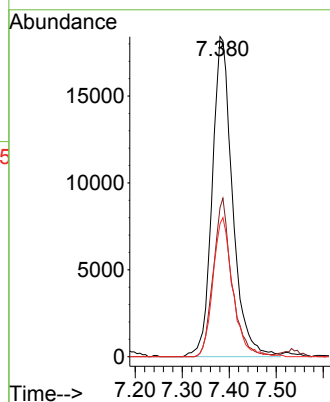
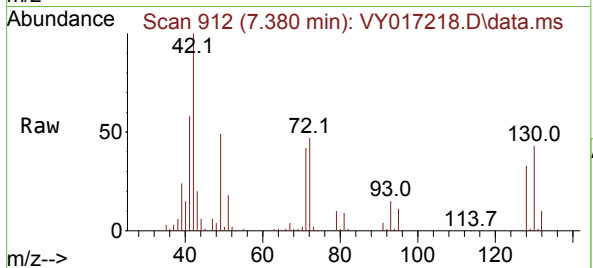
Tgt Ion: 42 Resp: 55318

Ion Ratio Lower Upper

42 100

72 45.3 36.6 54.8

71 42.4 33.8 50.6



#30

Chloroform

Concen: 48.545 ug/l

RT: 7.533 min Scan# 937

Delta R.T. 0.019 min

Lab File: VY017218.D

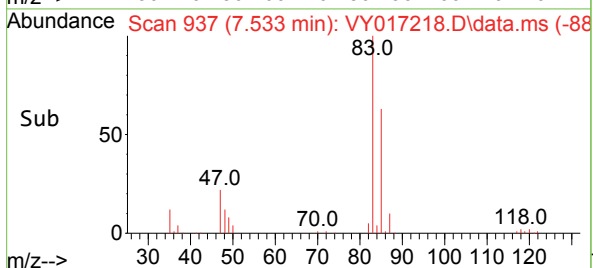
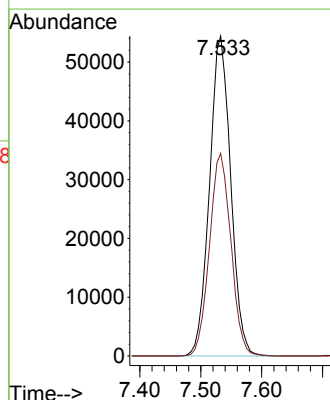
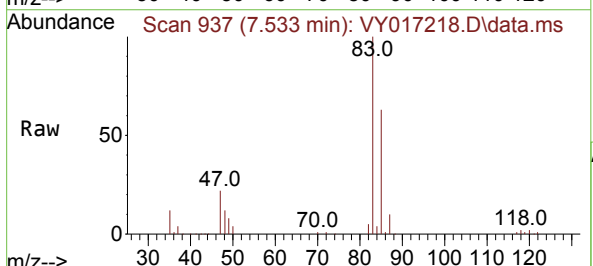
Acq: 05 Feb 2024 09:41

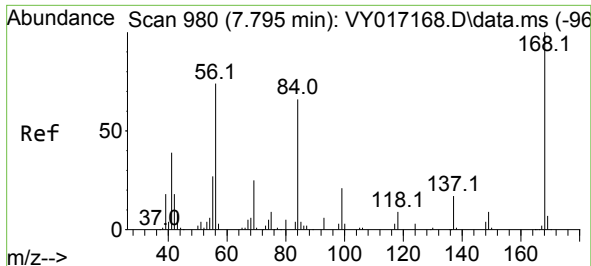
Tgt Ion: 83 Resp: 131584

Ion Ratio Lower Upper

83 100

85 63.3 51.2 76.8

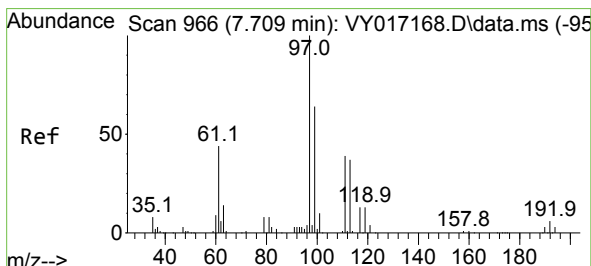
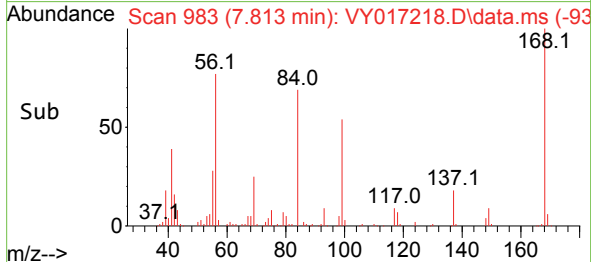
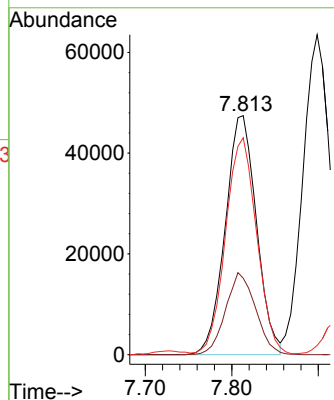
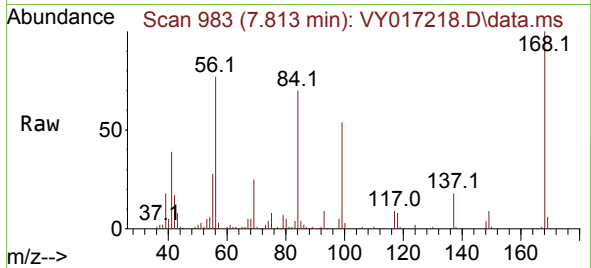




#31
Cyclohexane
Concen: 48.330 ug/l
RT: 7.813 min Scan# 911
Delta R.T. 0.019 min
Lab File: VY017218.D
Acq: 05 Feb 2024 09:41

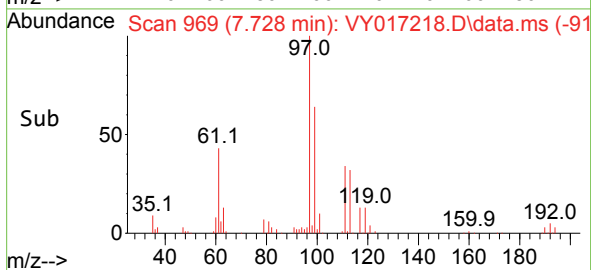
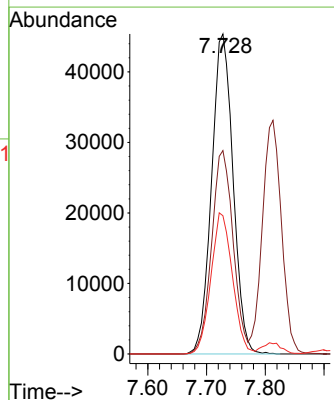
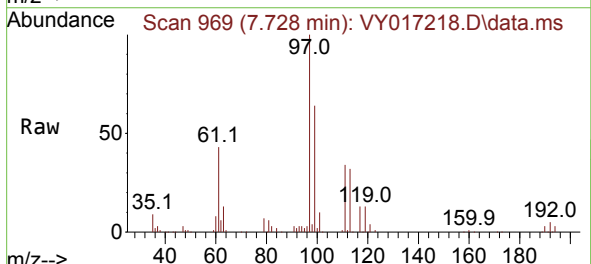
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

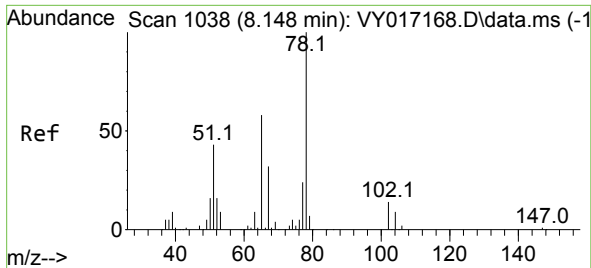
Tgt Ion: 56 Resp: 118946
Ion Ratio Lower Upper
56 100
69 32.0 27.0 40.6
84 89.7 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 49.394 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.019 min
Lab File: VY017218.D
Acq: 05 Feb 2024 09:41

Tgt Ion: 97 Resp: 115164
Ion Ratio Lower Upper
97 100
99 63.6 51.2 76.8
61 44.3 35.0 52.6

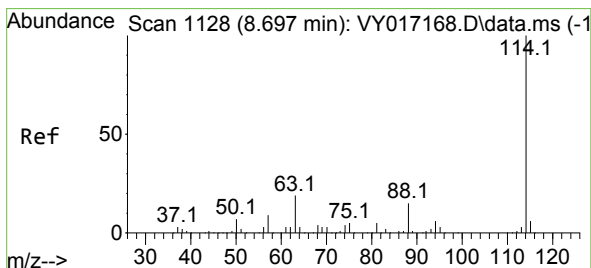
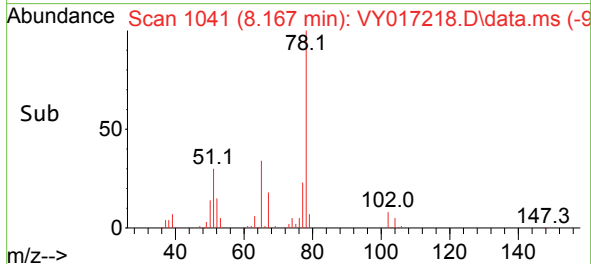
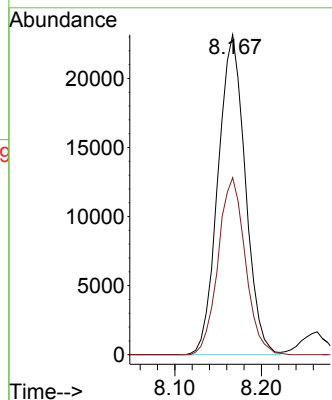
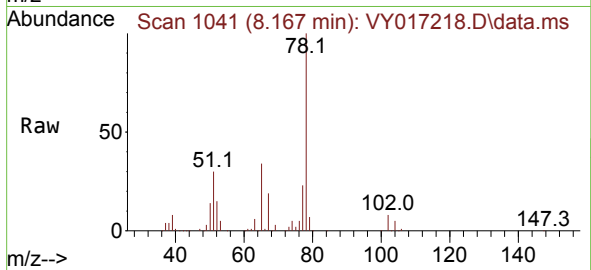




#33
 1,2-Dichloroethane-d4
 Concen: 41.472 ug/l
 RT: 8.167 min Scan# 1130
 Delta R.T. 0.019 min
 Lab File: VY017218.D
 Acq: 05 Feb 2024 09:41

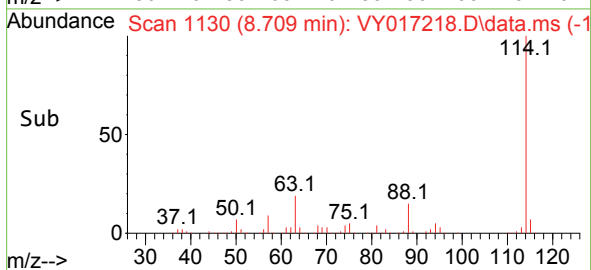
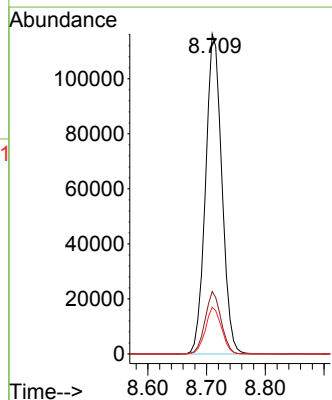
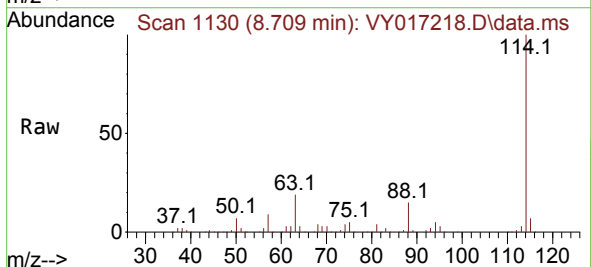
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

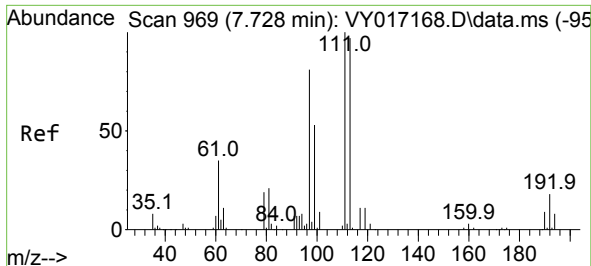
Tgt Ion: 65 Resp: 50639
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.709 min Scan# 1130
 Delta R.T. 0.012 min
 Lab File: VY017218.D
 Acq: 05 Feb 2024 09:41

Tgt Ion: 114 Resp: 224221
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 37.4
 88 14.6 0.0 29.0

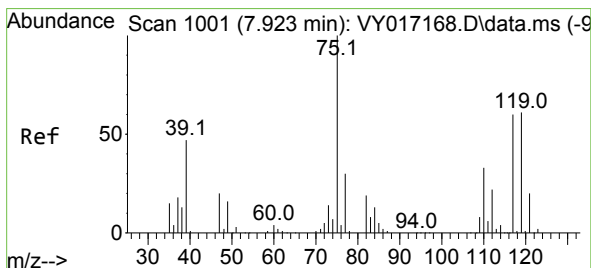
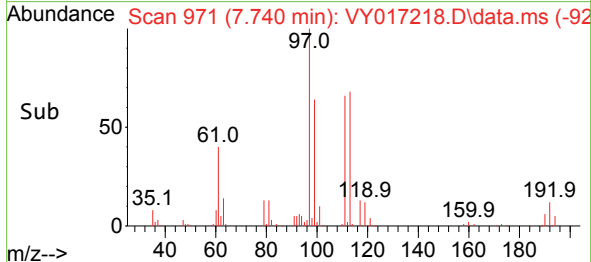
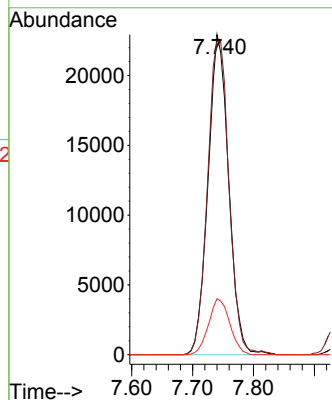
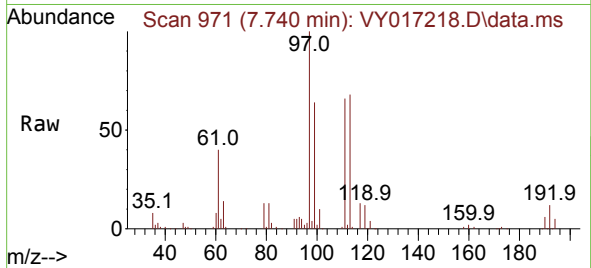




#35
Dibromofluoromethane
Concen: 44.638 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017218.D
Acq: 05 Feb 2024 09:41

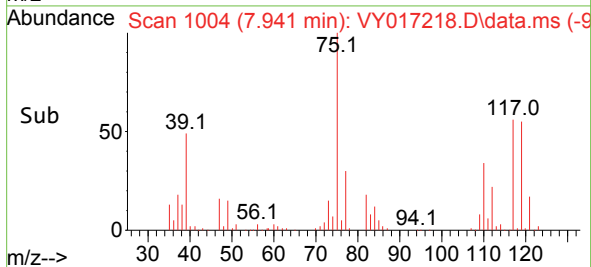
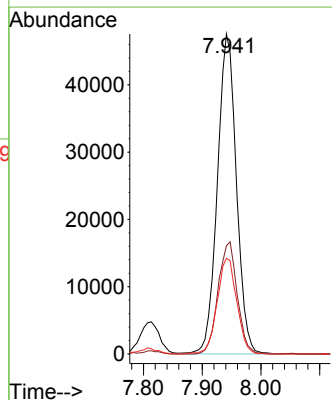
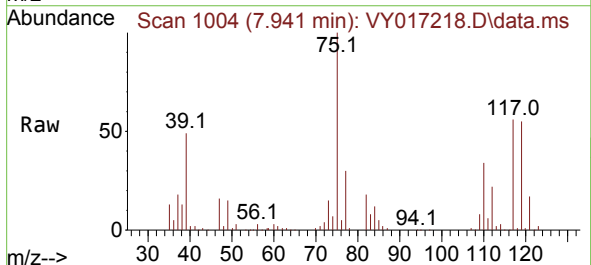
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

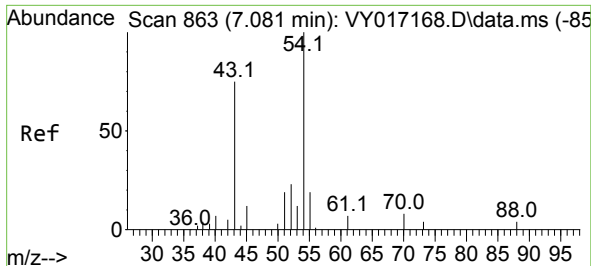
Tgt Ion:113 Resp: 54041
Ion Ratio Lower Upper
113 100
111 102.0 83.8 125.6
192 17.9 14.5 21.7



#36
1,1-Dichloropropene
Concen: 51.263 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. 0.019 min
Lab File: VY017218.D
Acq: 05 Feb 2024 09:41

Tgt Ion: 75 Resp: 107053
Ion Ratio Lower Upper
75 100
110 35.3 17.4 52.3
77 30.8 24.7 37.1





#37

Ethyl Acetate

Concen: 46.085 ug/l

RT: 7.106 min Scan# 8

Delta R.T. 0.025 min

Lab File: VY017218.D

Acq: 05 Feb 2024 09:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

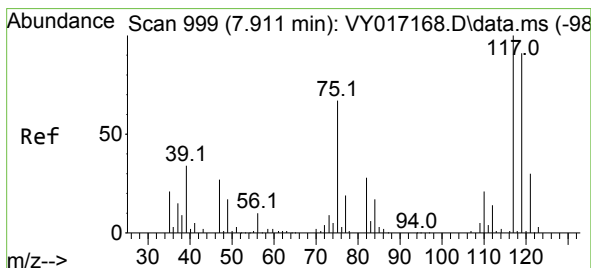
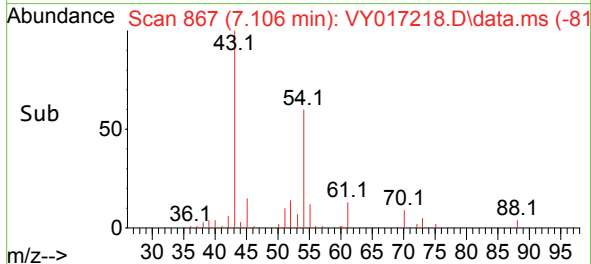
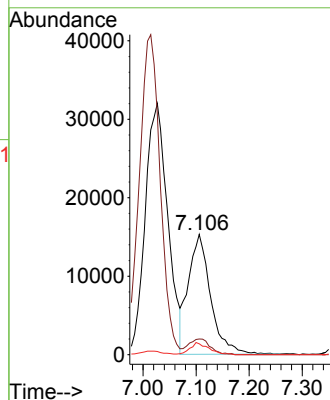
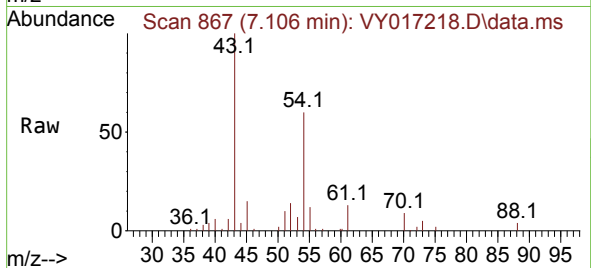
Tgt Ion: 43 Resp: 44636

Ion Ratio Lower Upper

43 100

61 12.5 11.0 16.6

70 8.5 8.1 12.1



#38

Carbon Tetrachloride

Concen: 52.033 ug/l

RT: 7.923 min Scan# 1001

Delta R.T. 0.012 min

Lab File: VY017218.D

Acq: 05 Feb 2024 09:41

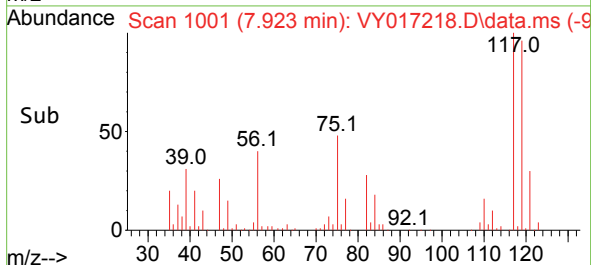
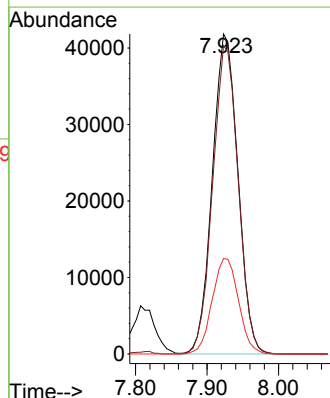
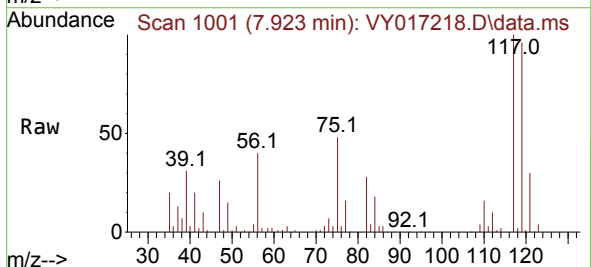
Tgt Ion:117 Resp: 104037

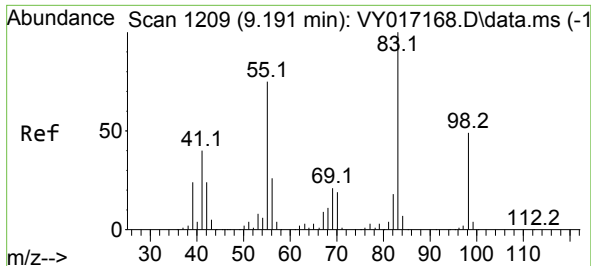
Ion Ratio Lower Upper

117 100

119 96.3 76.0 114.0

121 29.8 24.2 36.2





#39

Methylcyclohexane

Concen: 53.456 ug/l

RT: 9.203 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017218.D

Acq: 05 Feb 2024 09:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

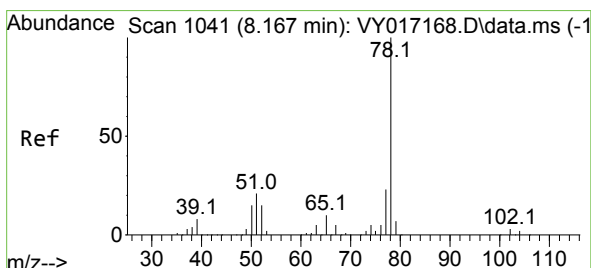
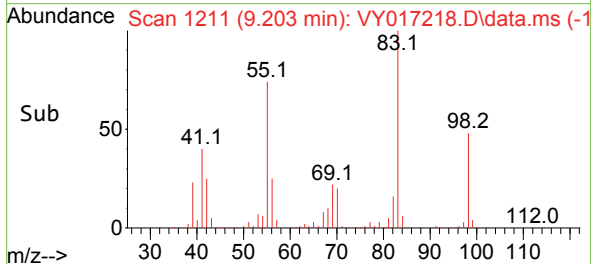
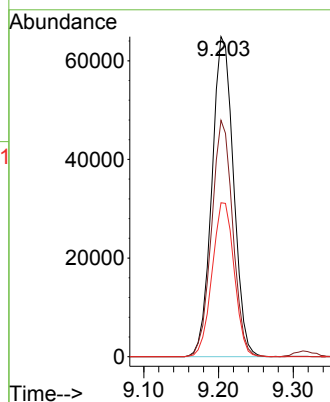
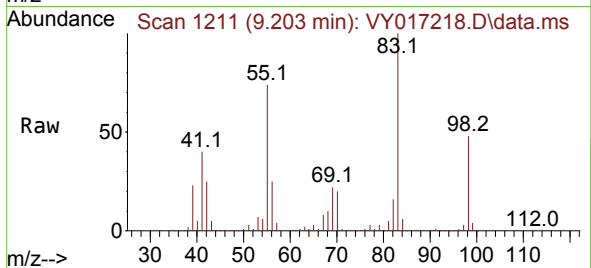
Tgt Ion: 83 Resp: 130415

Ion Ratio Lower Upper

83 100

55 73.8 59.7 89.5

98 48.1 38.0 57.0



#40

Benzene

Concen: 50.849 ug/l

RT: 8.185 min Scan# 1044

Delta R.T. 0.019 min

Lab File: VY017218.D

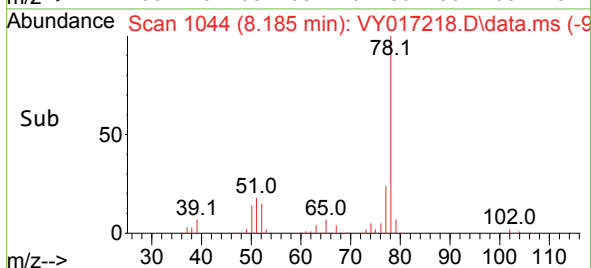
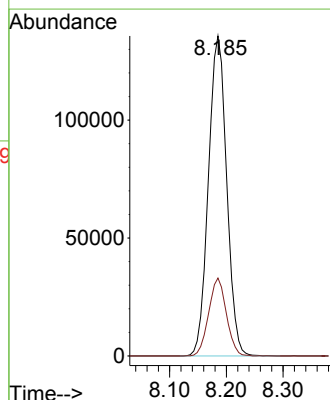
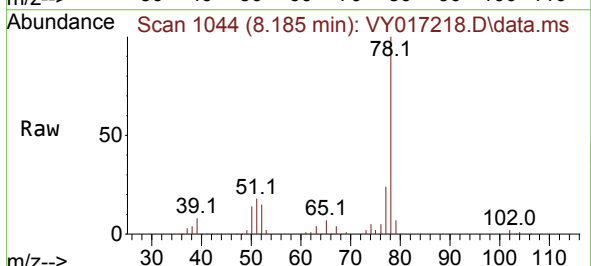
Acq: 05 Feb 2024 09:41

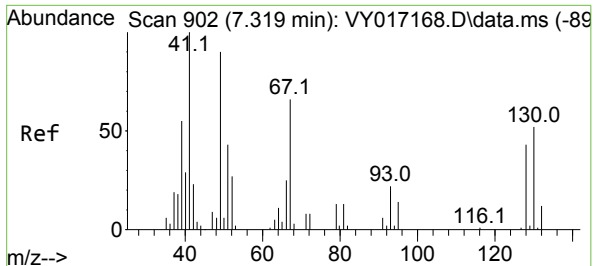
Tgt Ion: 78 Resp: 303242

Ion Ratio Lower Upper

78 100

77 24.4 18.8 28.2



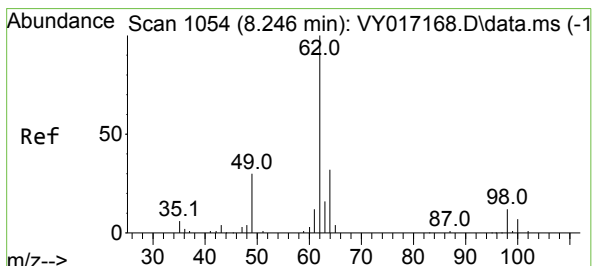
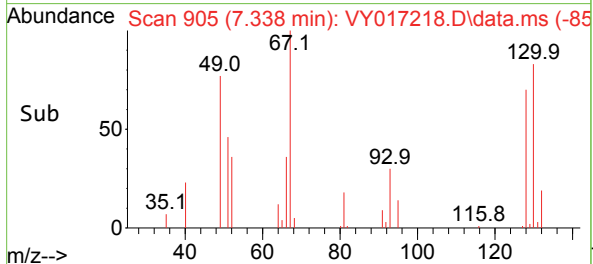
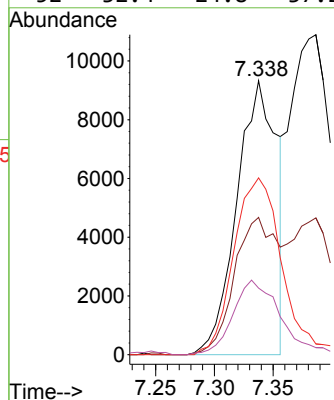
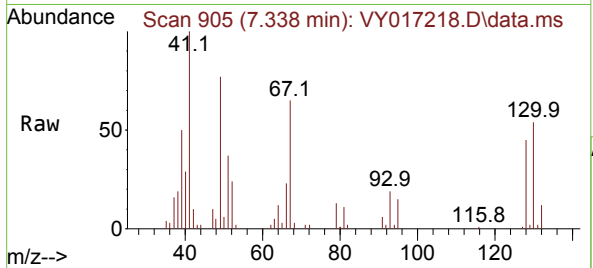


#41
Methacrylonitrile
Concen: 48.248 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.019 min
Lab File: VY017218.D
Acq: 05 Feb 2024 09:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 22141

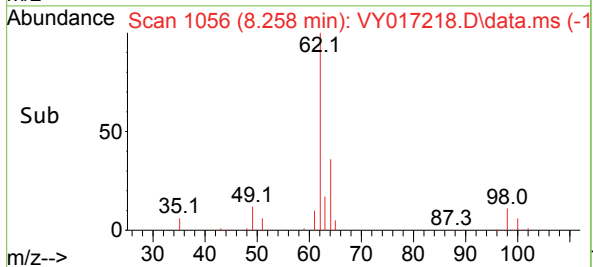
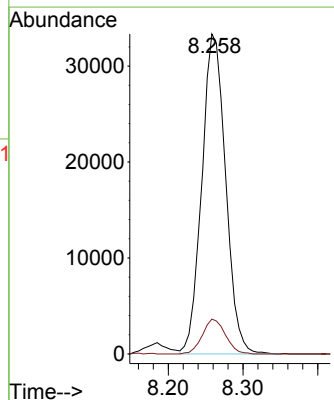
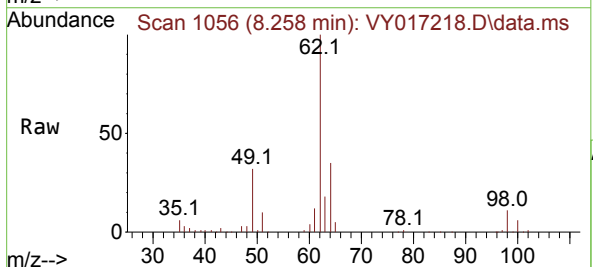
Ion	Ratio	Lower	Upper
41	100		
39	53.2	41.9	62.9
67	77.4	59.8	89.6
52	32.4	24.8	37.2

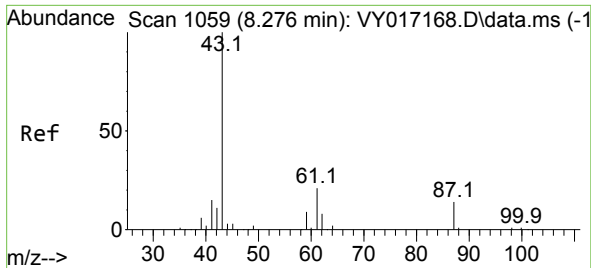


#42
1,2-Dichloroethane
Concen: 46.765 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.012 min
Lab File: VY017218.D
Acq: 05 Feb 2024 09:41

Tgt Ion: 62 Resp: 73839

Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.2

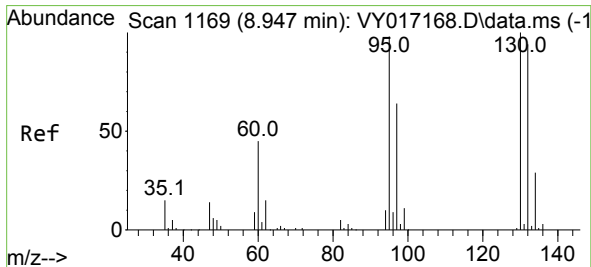
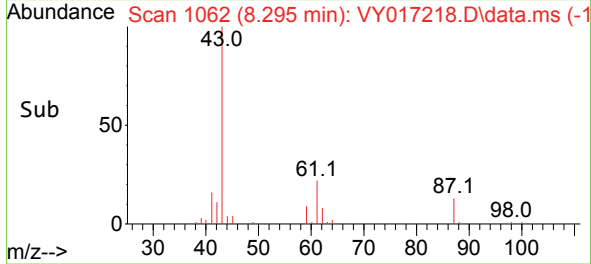
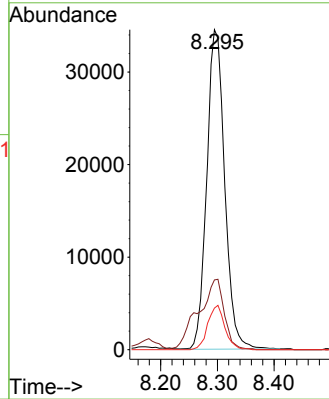
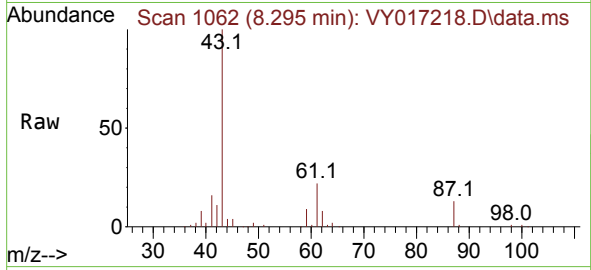




#43
Isopropyl Acetate
Concen: 44.373 ug/l
RT: 8.295 min Scan# 1062
Delta R.T. 0.019 min
Lab File: VY017218.D
Acq: 05 Feb 2024 09:41

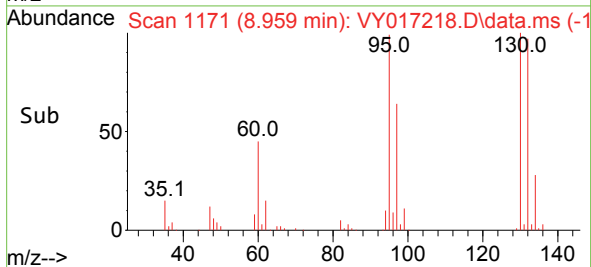
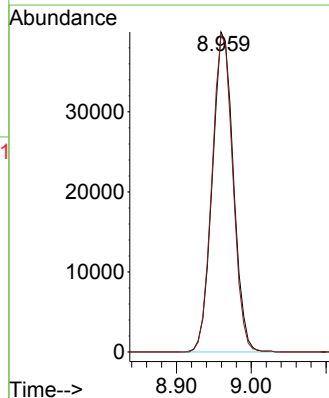
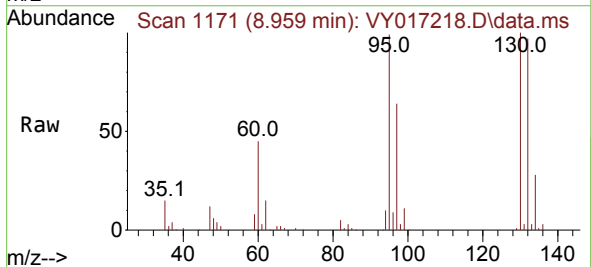
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

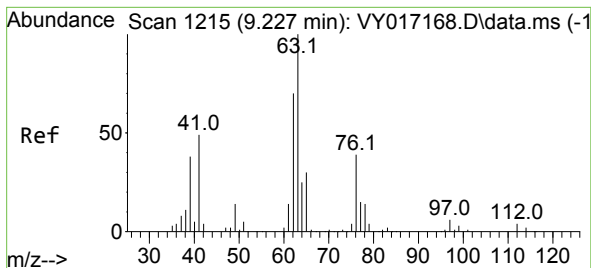
Tgt Ion: 43 Resp: 76081
Ion Ratio Lower Upper
43 100
61 31.7 24.8 37.2
87 13.2 10.7 16.1



#44
Trichloroethene
Concen: 51.762 ug/l
RT: 8.959 min Scan# 1171
Delta R.T. 0.012 min
Lab File: VY017218.D
Acq: 05 Feb 2024 09:41

Tgt Ion:130 Resp: 78357
Ion Ratio Lower Upper
130 100
95 98.8 0.0 203.8





#45

1,2-Dichloropropane

Concen: 49.603 ug/l

RT: 9.240 min Scan# 1217

Delta R.T. 0.012 min

Lab File: VY017218.D

Acq: 05 Feb 2024 09:41

Instrument :

MSVOA_Y

ClientSampleId :

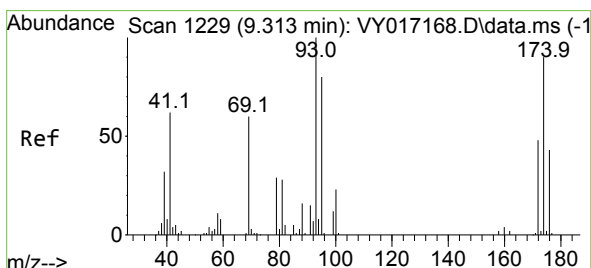
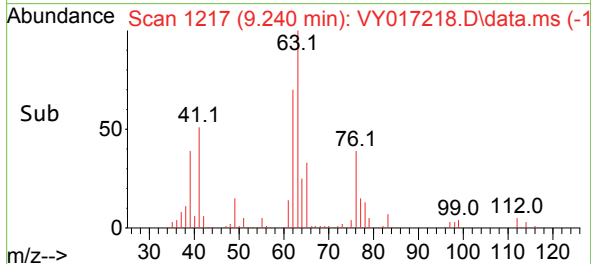
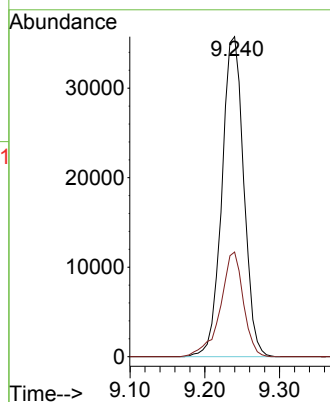
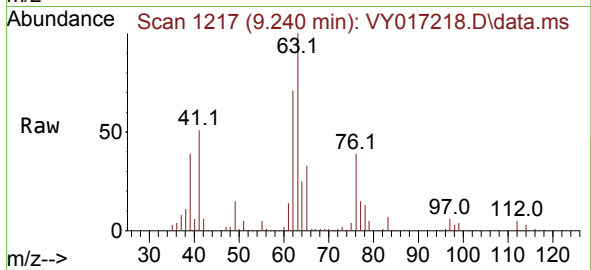
VSTDCCC050

Tgt Ion: 63 Resp: 72659

Ion Ratio Lower Upper

63 100

65 32.7 24.6 36.8



#46

Dibromomethane

Concen: 47.127 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.012 min

Lab File: VY017218.D

Acq: 05 Feb 2024 09:41

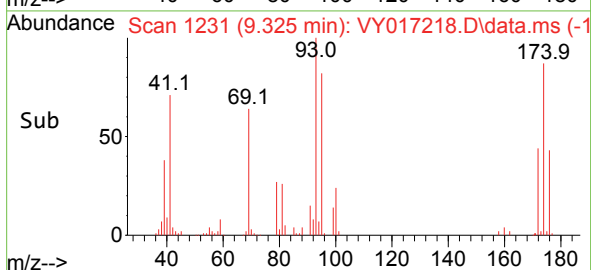
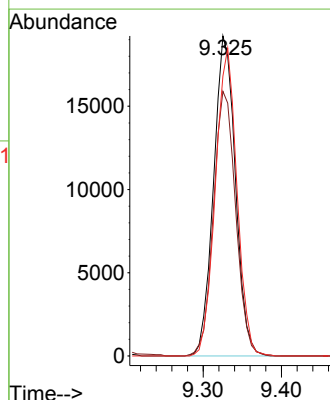
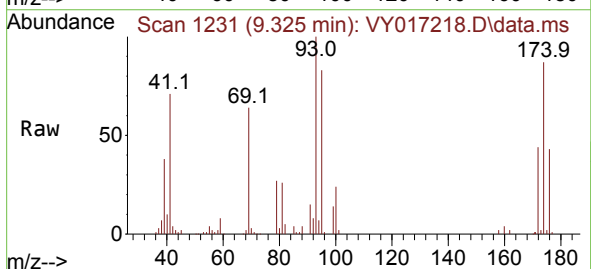
Tgt Ion: 93 Resp: 37290

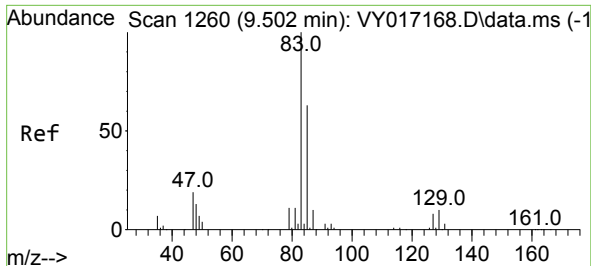
Ion Ratio Lower Upper

93 100

95 84.3 66.6 99.8

174 94.8 73.8 110.6

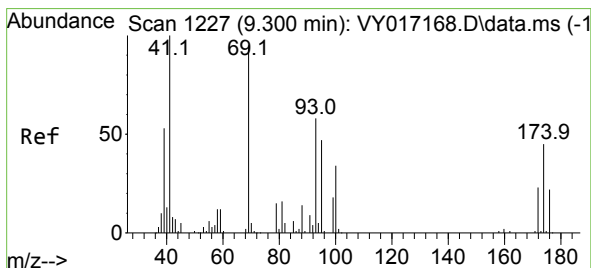
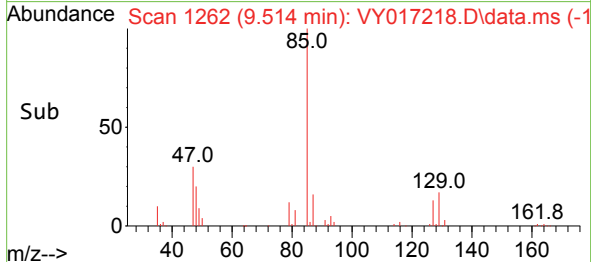
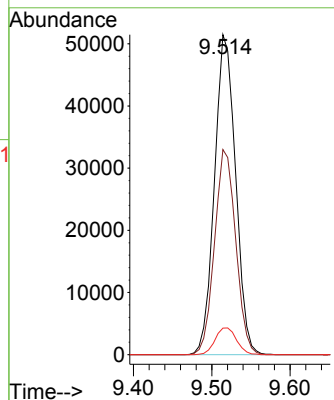
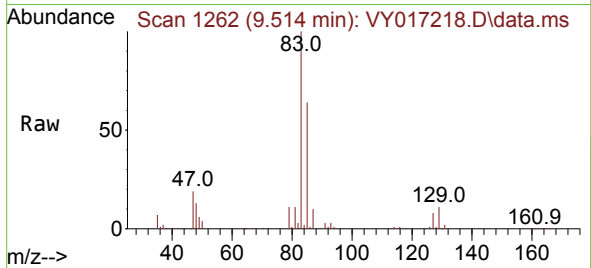




#47
Bromodichloromethane
Concen: 48.670 ug/l
RT: 9.514 min Scan# 1262
Delta R.T. 0.012 min
Lab File: VY017218.D
Acq: 05 Feb 2024 09:41

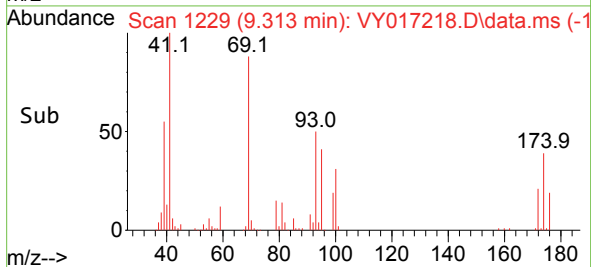
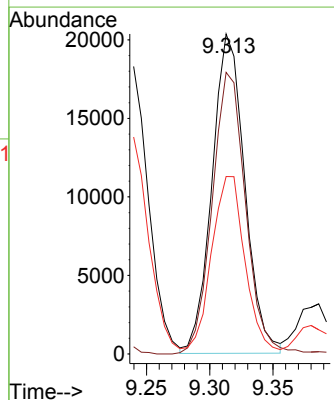
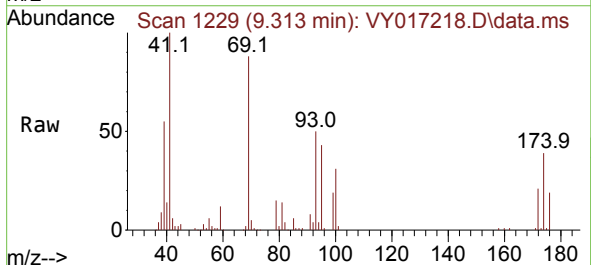
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

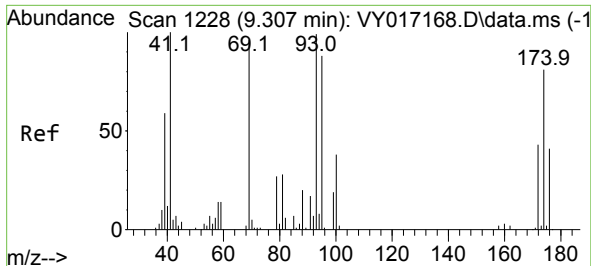
Tgt Ion: 83 Resp: 96377
Ion Ratio Lower Upper
83 100
85 64.1 53.2 79.8
127 8.3 6.4 9.6



#48
Methyl methacrylate
Concen: 45.513 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VY017218.D
Acq: 05 Feb 2024 09:41

Tgt Ion: 41 Resp: 36603
Ion Ratio Lower Upper
41 100
69 90.3 72.1 108.1
39 54.1 42.8 64.2

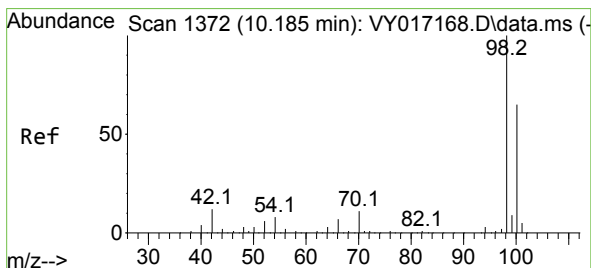
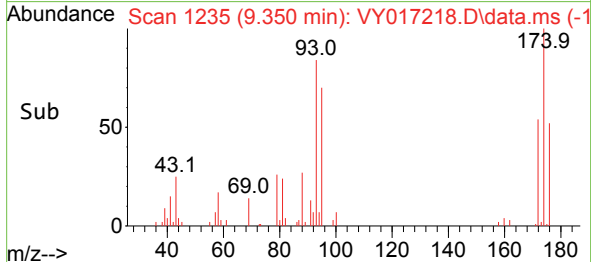
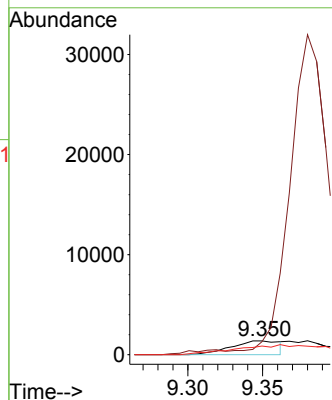
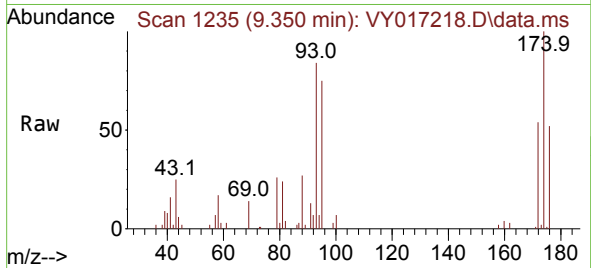




#49
1,4-Dioxane
Concen: 362.383 ug/l
RT: 9.350 min Scan# 11
Delta R.T. 0.043 min
Lab File: VY017218.D
Acq: 05 Feb 2024 09:41

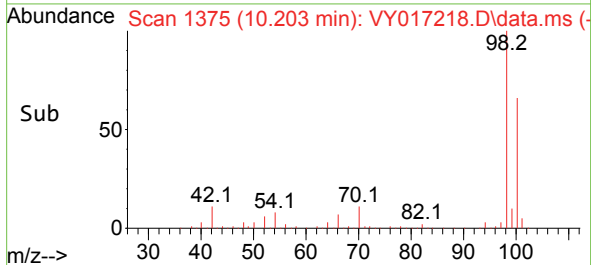
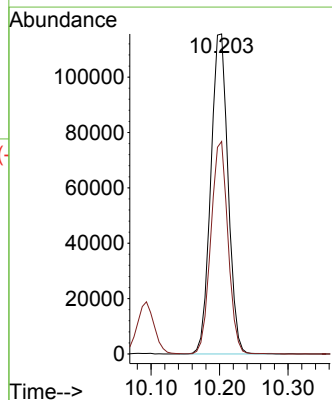
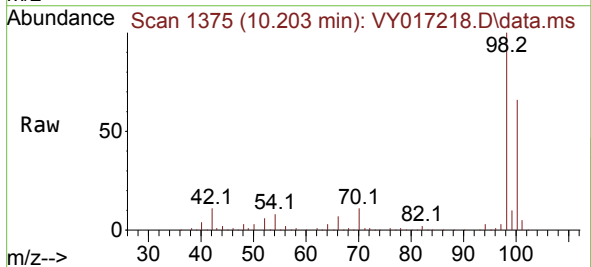
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

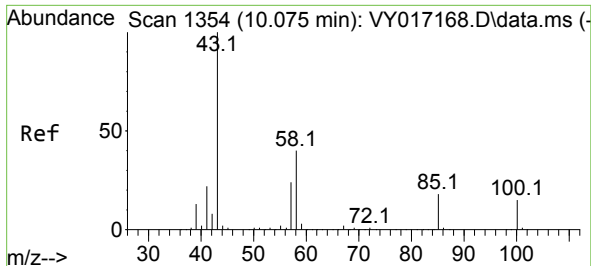
Tgt Ion: 88 Resp: 3121
Ion Ratio Lower Upper
88 100
43 0.0 28.2 42.4#
58 153.8 52.2 78.2#



#50
Toluene-d8
Concen: 46.013 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. 0.019 min
Lab File: VY017218.D
Acq: 05 Feb 2024 09:41

Tgt Ion: 98 Resp: 202818
Ion Ratio Lower Upper
98 100
100 65.8 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 229.060 ug/l

RT: 10.093 min Scan# 1357

Delta R.T. 0.019 min

Lab File: VY017218.D

Acq: 05 Feb 2024 09:41

Instrument :

MSVOA_Y

ClientSampleId :

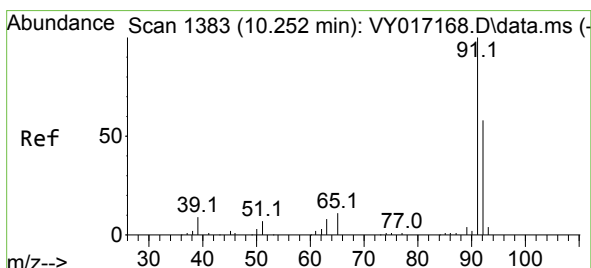
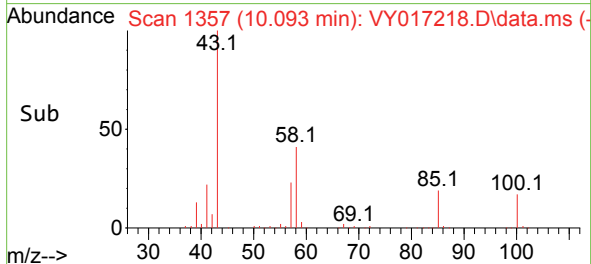
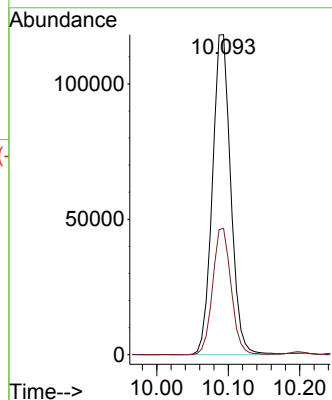
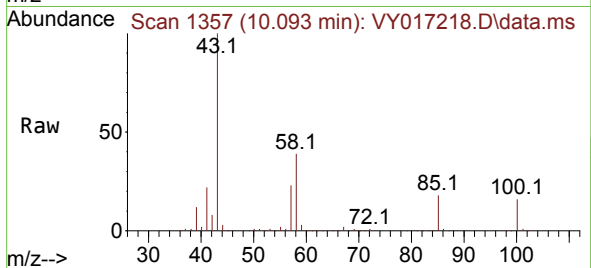
VSTDCCC050

Tgt Ion: 43 Resp: 210527

Ion Ratio Lower Upper

43 100

58 39.8 32.2 48.2



#52

Toluene

Concen: 52.166 ug/l

RT: 10.264 min Scan# 1385

Delta R.T. 0.012 min

Lab File: VY017218.D

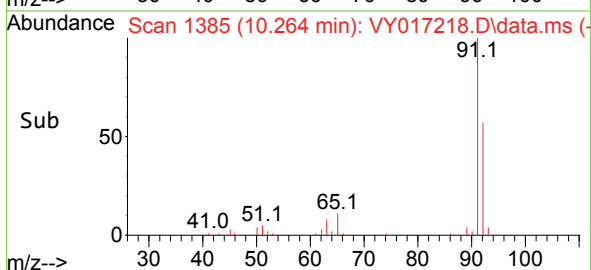
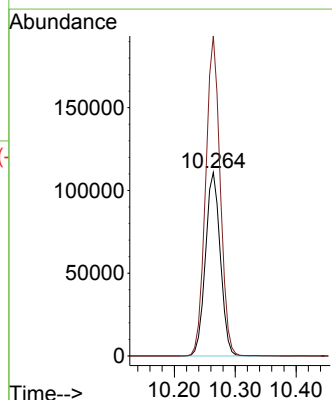
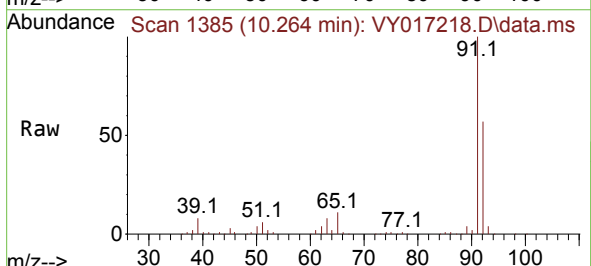
Acq: 05 Feb 2024 09:41

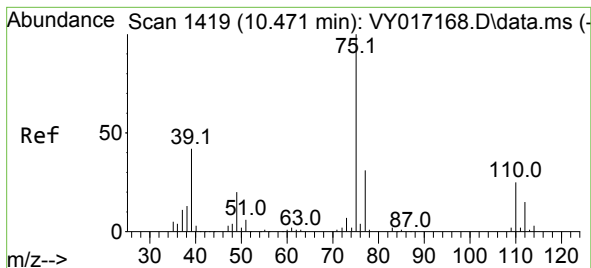
Tgt Ion: 92 Resp: 187778

Ion Ratio Lower Upper

92 100

91 170.7 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 48.718 ug/l

RT: 10.483 min Scan# 1419

Delta R.T. 0.012 min

Lab File: VY017218.D

Acq: 05 Feb 2024 09:41

Instrument :

MSVOA_Y

ClientSampleId :

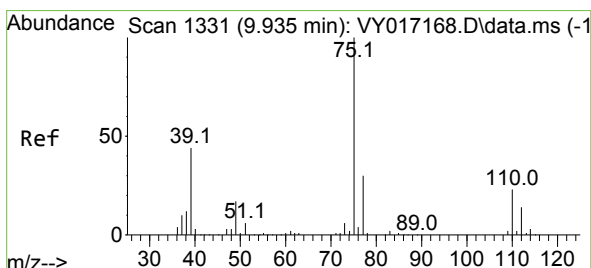
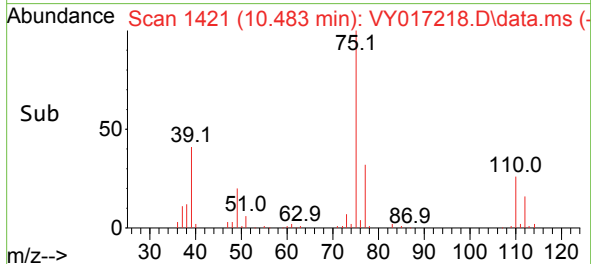
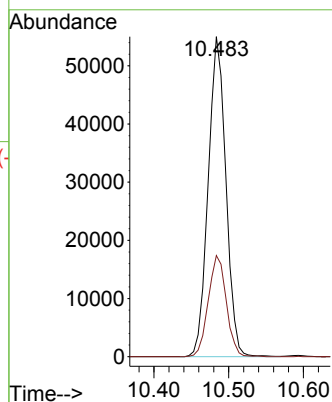
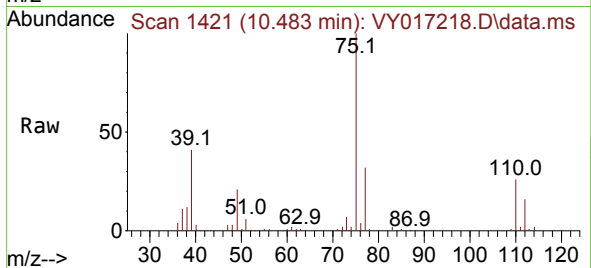
VSTDCCC050

Tgt Ion: 75 Resp: 90618

Ion Ratio Lower Upper

75 100

77 31.6 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 50.016 ug/l

RT: 9.947 min Scan# 1333

Delta R.T. 0.012 min

Lab File: VY017218.D

Acq: 05 Feb 2024 09:41

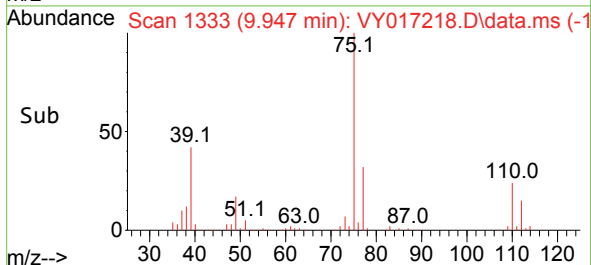
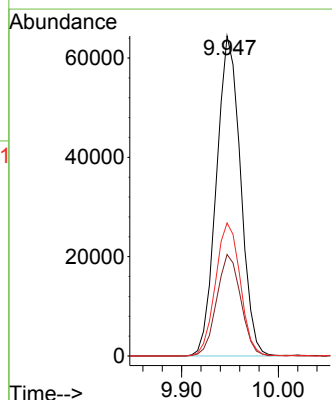
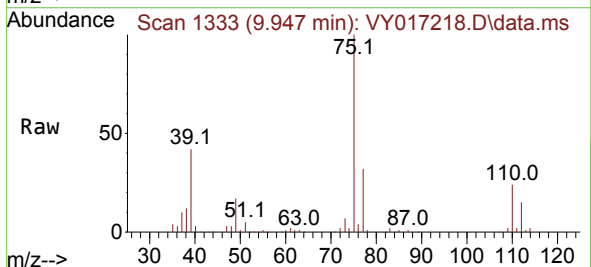
Tgt Ion: 75 Resp: 111432

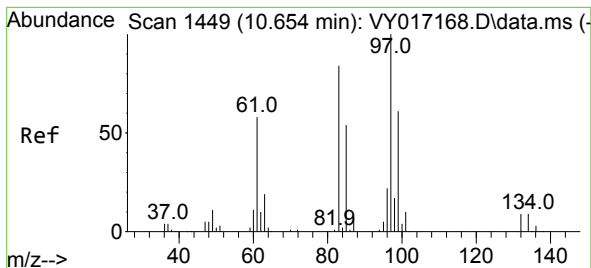
Ion Ratio Lower Upper

75 100

77 31.7 24.6 36.8

39 41.5 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 48.437 ug/l

RT: 10.666 min Scan# 1449

Delta R.T. 0.012 min

Lab File: VY017218.D

Acq: 05 Feb 2024 09:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 52145

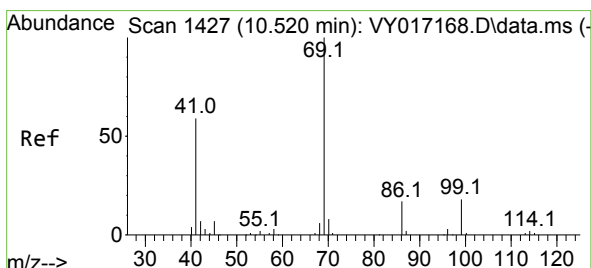
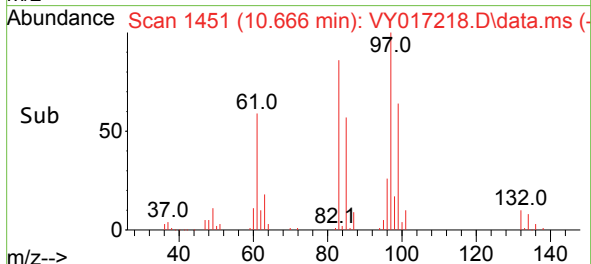
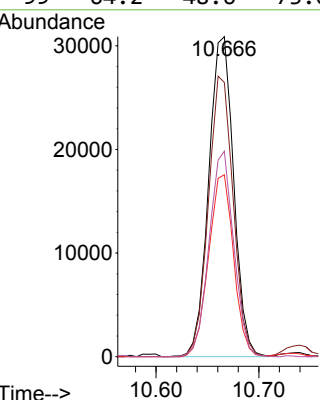
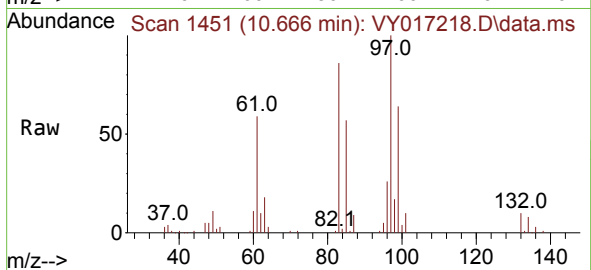
Ion Ratio Lower Upper

97 100

83 85.7 69.4 104.2

85 56.9 43.9 65.9

99 64.2 48.6 73.0



#56

Ethyl methacrylate

Concen: 44.108 ug/l

RT: 10.526 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VY017218.D

Acq: 05 Feb 2024 09:41

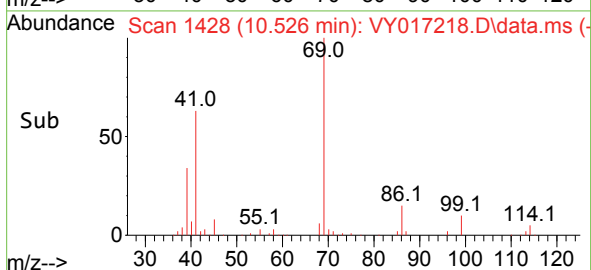
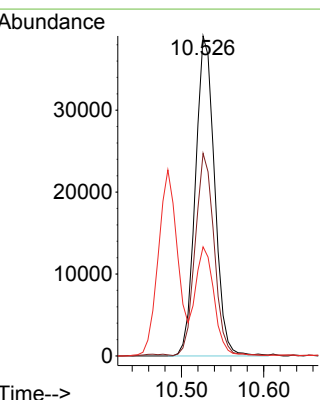
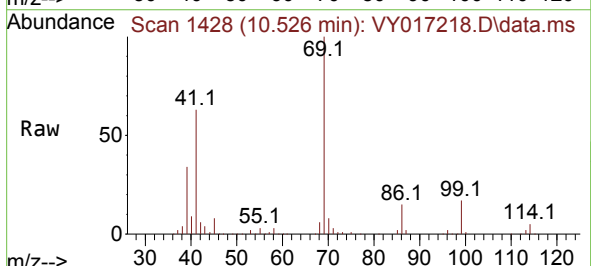
Tgt Ion: 69 Resp: 63342

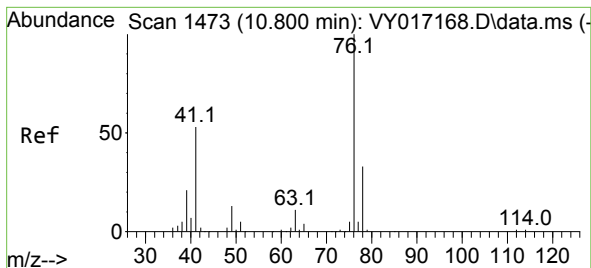
Ion Ratio Lower Upper

69 100

41 62.4 49.2 73.8

39 32.9 26.8 40.2





#57

1,3-Dichloropropane

Concen: 49.156 ug/l

RT: 10.807 min Scan# 1473

Delta R.T. 0.006 min

Lab File: VY017218.D

Acq: 05 Feb 2024 09:41

Instrument :

MSVOA_Y

ClientSampleId :

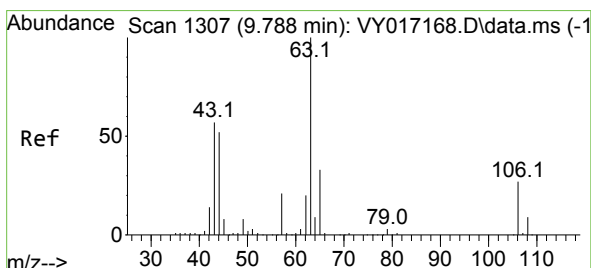
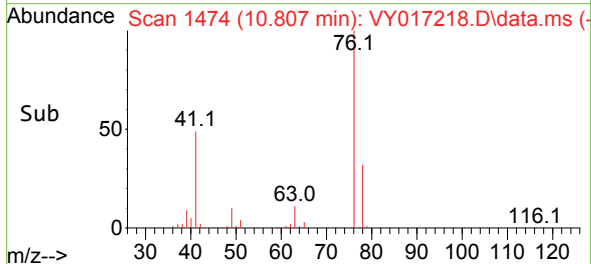
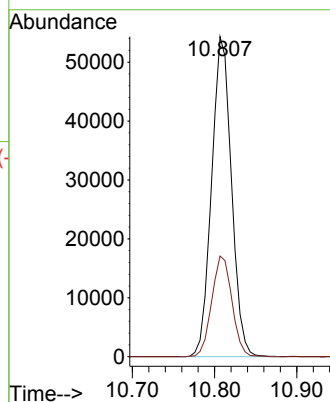
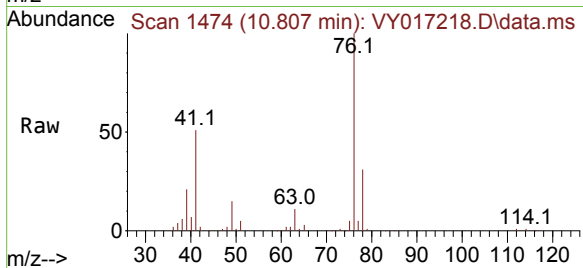
VSTDCCC050

Tgt Ion: 76 Resp: 91020

Ion Ratio Lower Upper

76 100

78 32.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 267.799 ug/l

RT: 9.801 min Scan# 1309

Delta R.T. 0.012 min

Lab File: VY017218.D

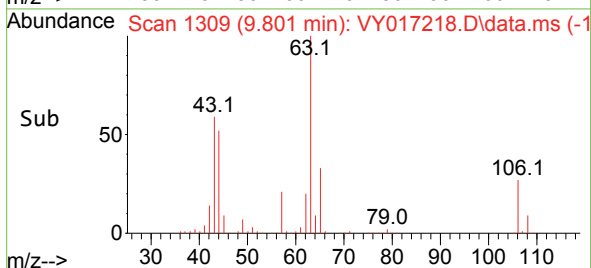
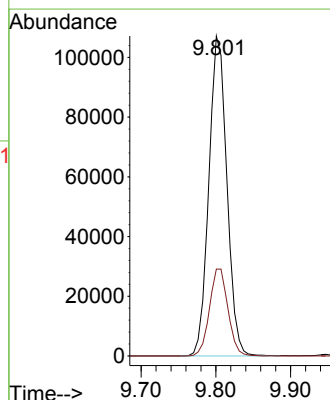
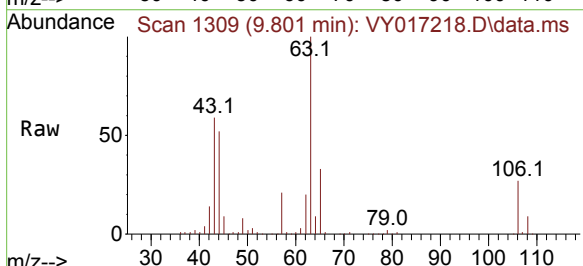
Acq: 05 Feb 2024 09:41

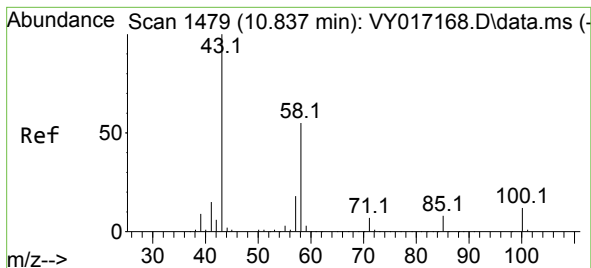
Tgt Ion: 63 Resp: 179607

Ion Ratio Lower Upper

63 100

106 27.8 22.4 33.6

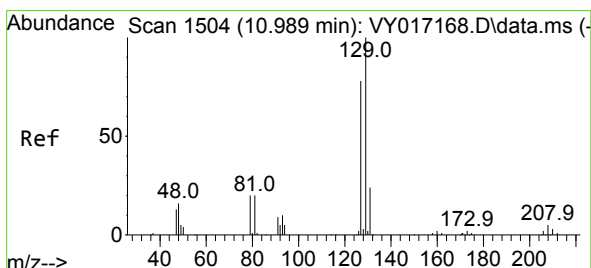
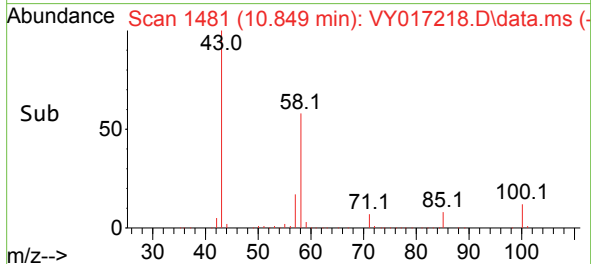
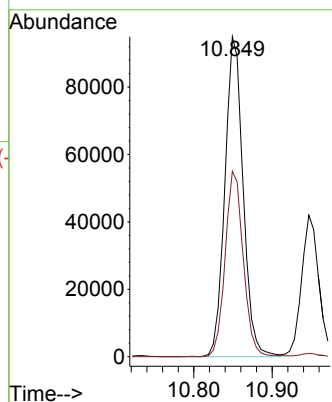
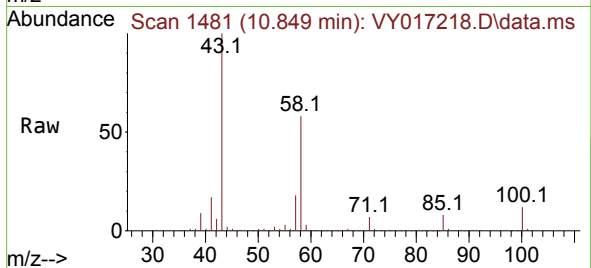




#59
2-Hexanone
Concen: 231.288 ug/l
RT: 10.849 min Scan# 1479
Delta R.T. 0.012 min
Lab File: VY017218.D
Acq: 05 Feb 2024 09:41

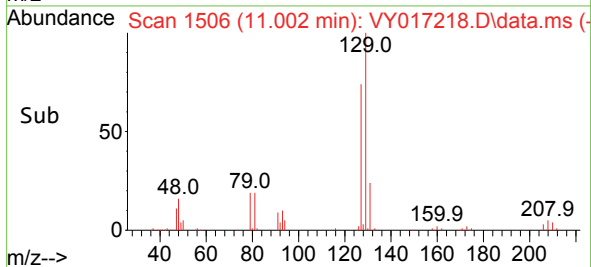
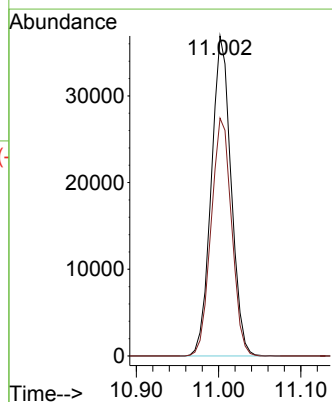
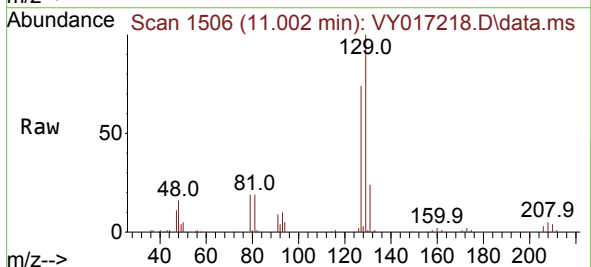
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

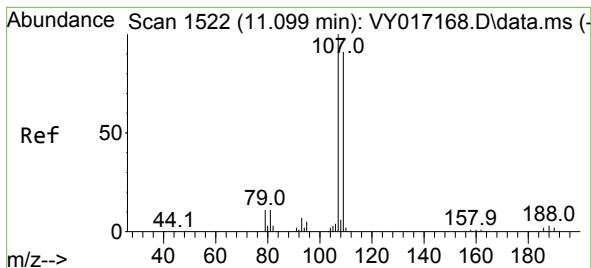
Tgt Ion: 43 Resp: 153714
Ion Ratio Lower Upper
43 100
58 57.7 28.1 84.3



#60
Dibromochloromethane
Concen: 48.992 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.012 min
Lab File: VY017218.D
Acq: 05 Feb 2024 09:41

Tgt Ion: 129 Resp: 61874
Ion Ratio Lower Upper
129 100
127 76.6 39.2 117.6





#61

1,2-Dibromoethane

Concen: 47.634 ug/l

RT: 11.105 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017218.D

Acq: 05 Feb 2024 09:41

Instrument :

MSVOA_Y

ClientSampleId :

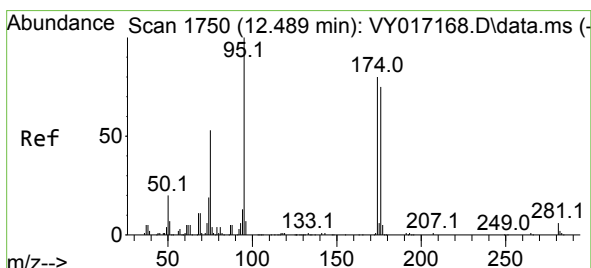
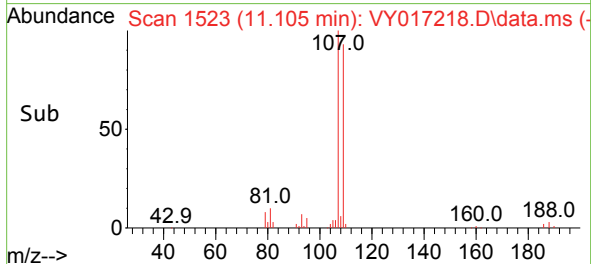
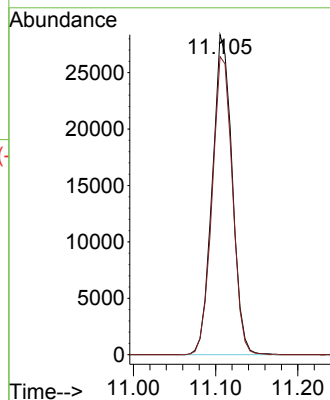
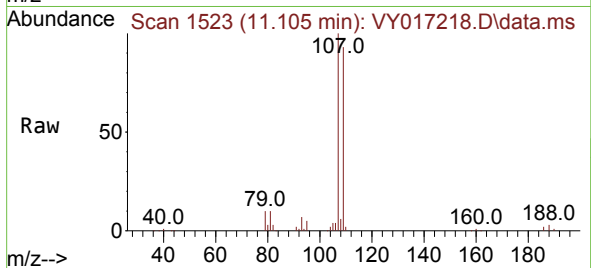
VSTDCCC050

Tgt Ion:107 Resp: 47693

Ion Ratio Lower Upper

107 100

109 94.8 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 44.408 ug/l

RT: 12.501 min Scan# 1752

Delta R.T. 0.012 min

Lab File: VY017218.D

Acq: 05 Feb 2024 09:41

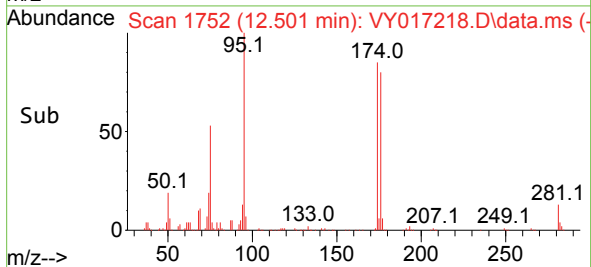
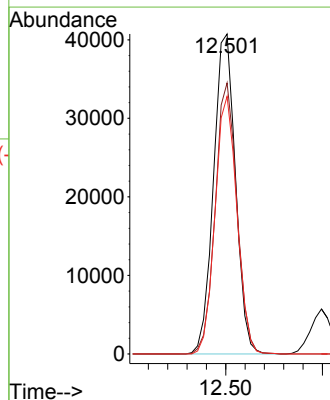
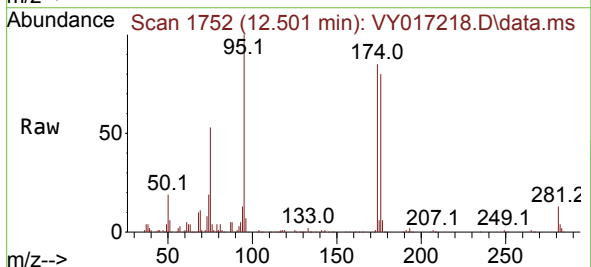
Tgt Ion: 95 Resp: 64123

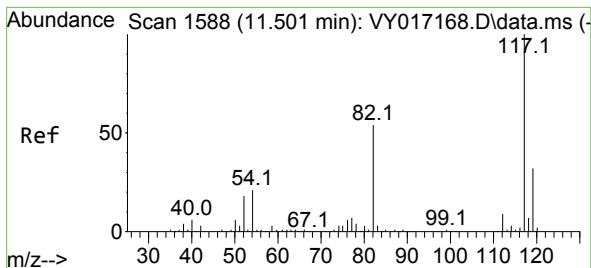
Ion Ratio Lower Upper

95 100

174 83.7 0.0 160.0

176 80.2 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017218.D

Acq: 05 Feb 2024 09:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

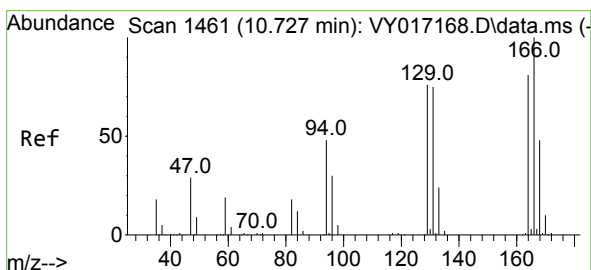
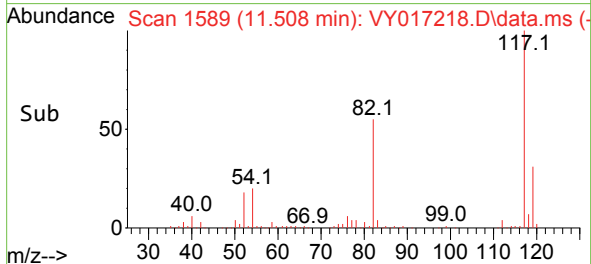
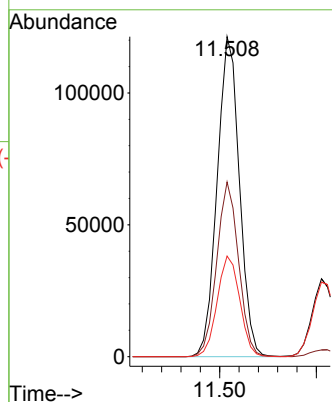
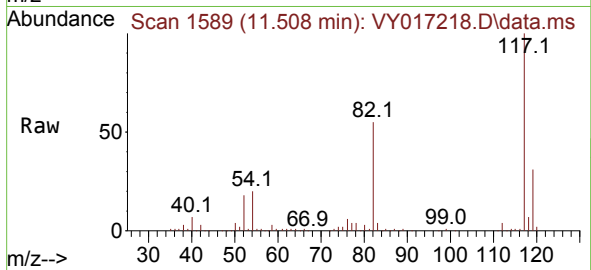
Tgt Ion:117 Resp: 193547

Ion Ratio Lower Upper

117 100

82 54.6 43.8 65.8

119 31.5 26.5 39.7



#64

Tetrachloroethene

Concen: 50.856 ug/l

RT: 10.740 min Scan# 1463

Delta R.T. 0.012 min

Lab File: VY017218.D

Acq: 05 Feb 2024 09:41

Tgt Ion:164 Resp: 63925

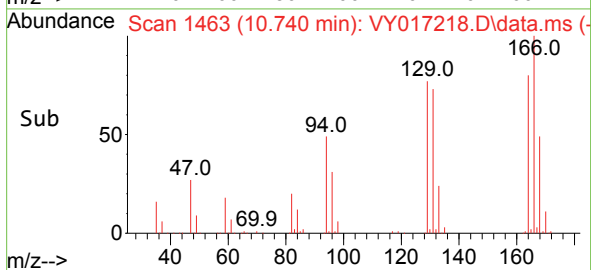
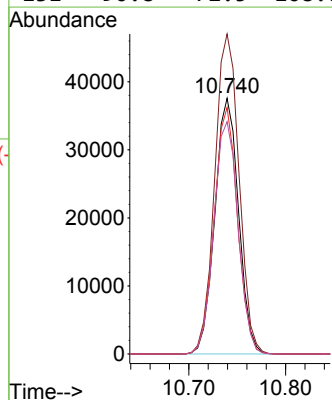
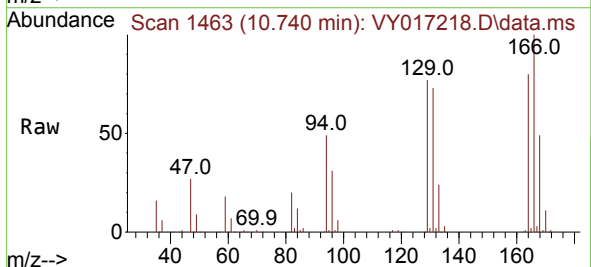
Ion Ratio Lower Upper

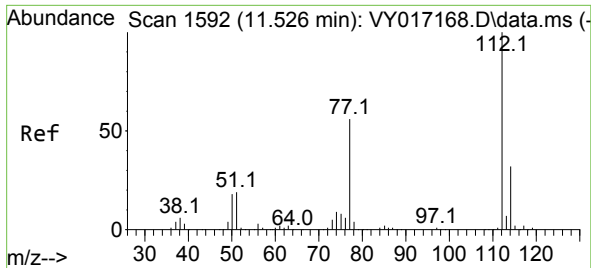
164 100

166 125.2 98.8 148.2

129 96.4 78.9 118.3

131 90.8 72.5 108.7

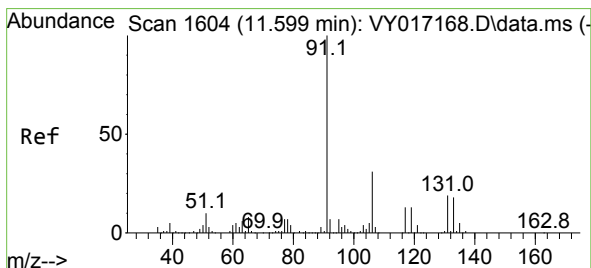
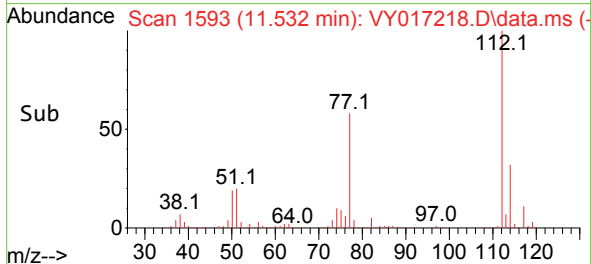
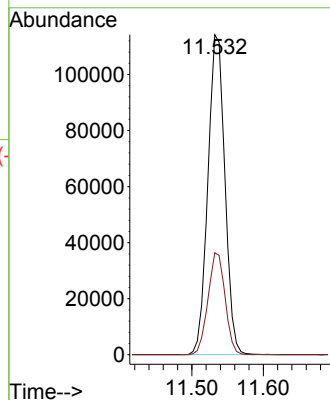
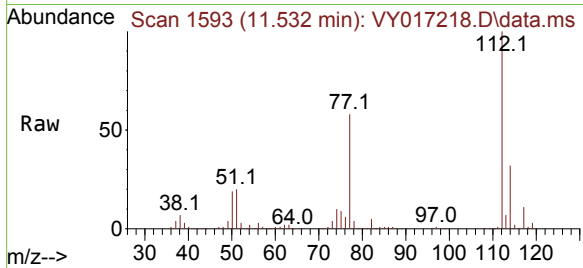




#65
Chlorobenzene
Concen: 50.479 ug/l
RT: 11.532 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017218.D
Acq: 05 Feb 2024 09:41

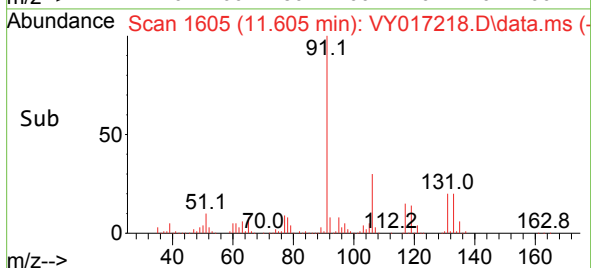
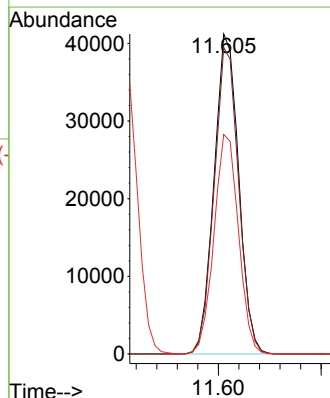
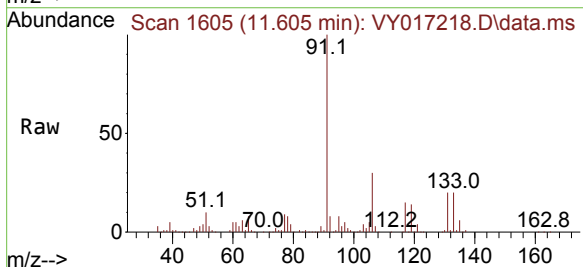
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

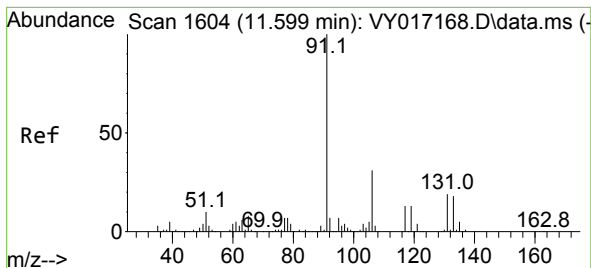
Tgt Ion:112 Resp: 188473
Ion Ratio Lower Upper
112 100
114 31.9 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 50.372 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY017218.D
Acq: 05 Feb 2024 09:41

Tgt Ion:131 Resp: 68347
Ion Ratio Lower Upper
131 100
133 95.3 47.0 141.0
119 68.5 33.3 99.9





#67

Ethyl Benzene

Concen: 52.604 ug/l

RT: 11.611 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017218.D

Acq: 05 Feb 2024 09:41

Instrument :

MSVOA_Y

ClientSampleId :

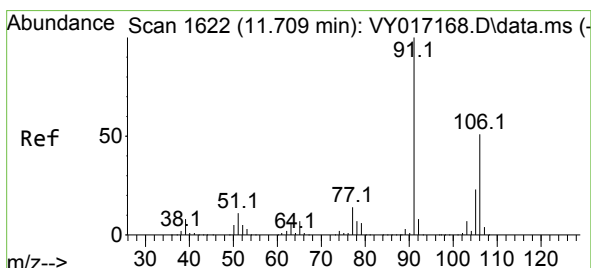
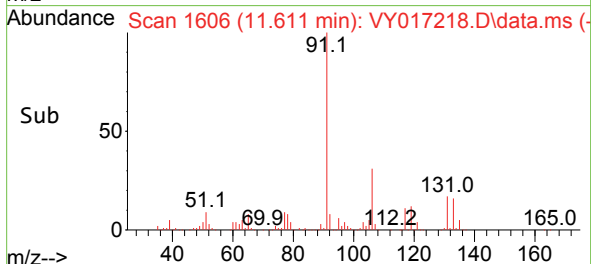
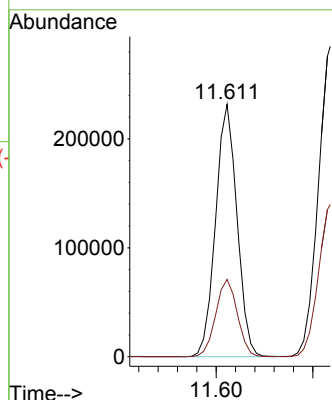
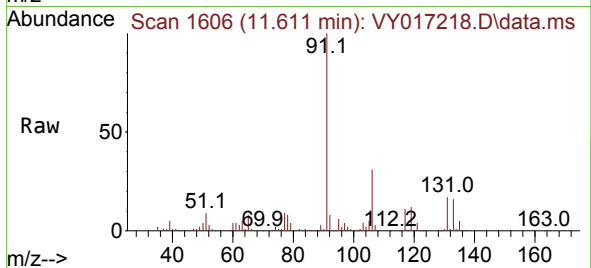
VSTDCCC050

Tgt Ion: 91 Resp: 354967

Ion Ratio Lower Upper

91 100

106 30.6 25.0 37.4



#68

m/p-Xylenes

Concen: 105.182 ug/l

RT: 11.721 min Scan# 1624

Delta R.T. 0.012 min

Lab File: VY017218.D

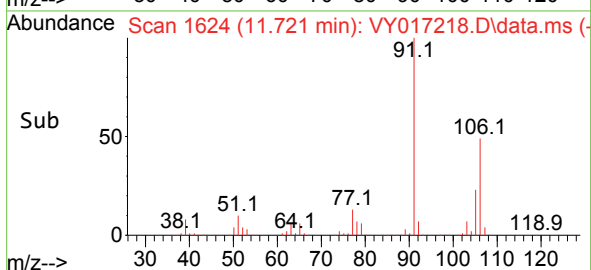
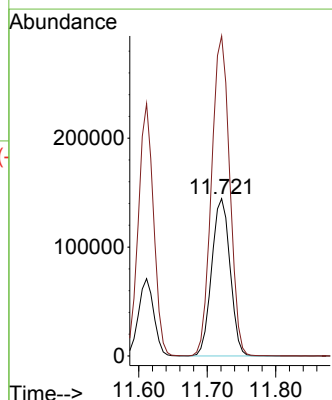
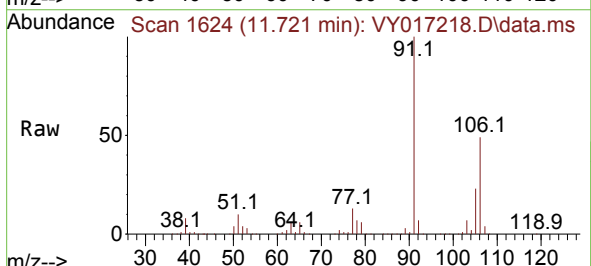
Acq: 05 Feb 2024 09:41

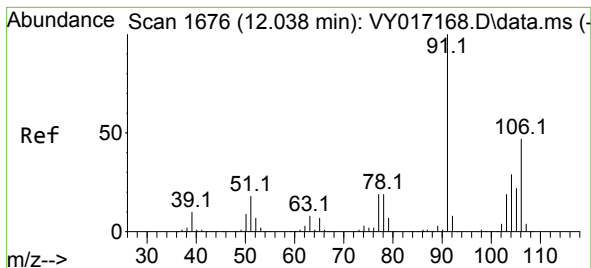
Tgt Ion:106 Resp: 269347

Ion Ratio Lower Upper

106 100

91 201.3 160.7 241.1





#69

o-Xylene

Concen: 52.314 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017218.D

Acq: 05 Feb 2024 09:41

Instrument :

MSVOA_Y

ClientSampleId :

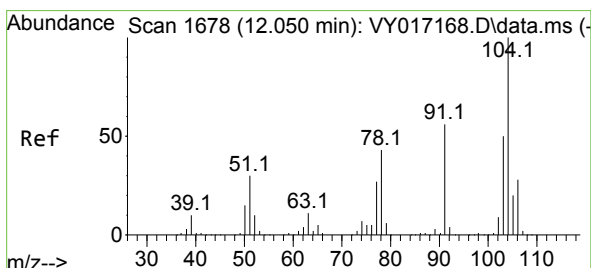
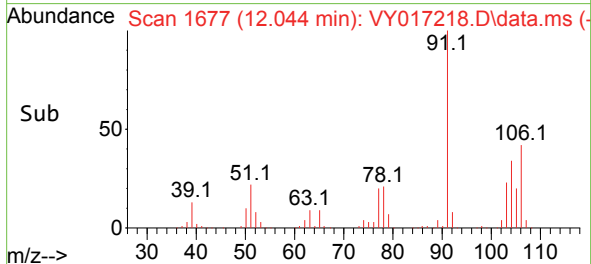
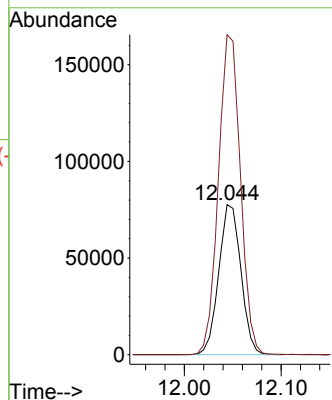
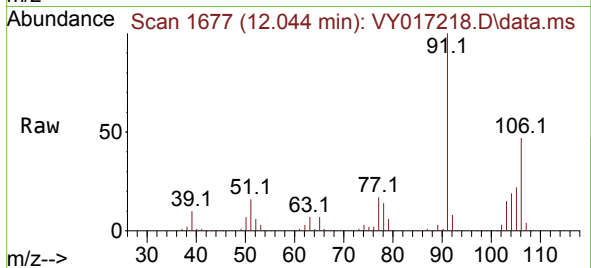
VSTDCCC050

Tgt Ion:106 Resp: 123367

Ion Ratio Lower Upper

106 100

91 212.3 106.5 319.5



#70

Styrene

Concen: 53.033 ug/l

RT: 12.062 min Scan# 1680

Delta R.T. 0.012 min

Lab File: VY017218.D

Acq: 05 Feb 2024 09:41

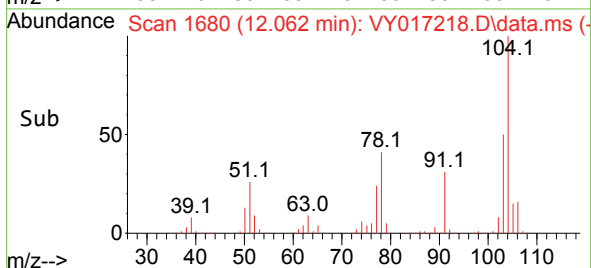
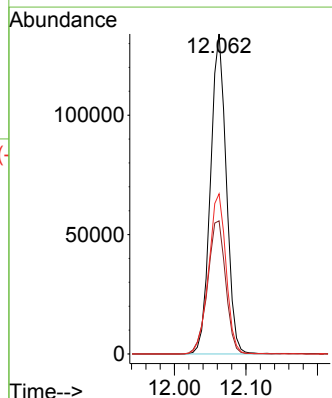
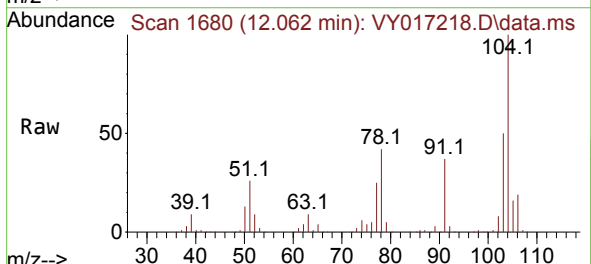
Tgt Ion:104 Resp: 206059

Ion Ratio Lower Upper

104 100

78 47.5 39.2 58.8

103 55.1 43.8 65.6





#71

Bromoform

Concen: 49.207 ug/l

RT: 12.227 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017218.D

Acq: 05 Feb 2024 09:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

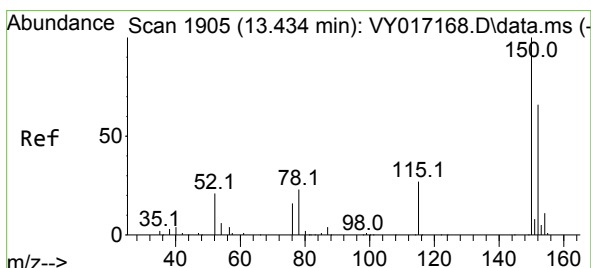
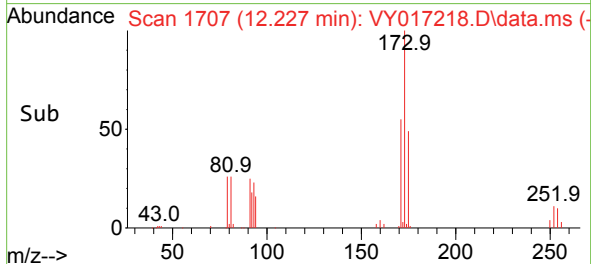
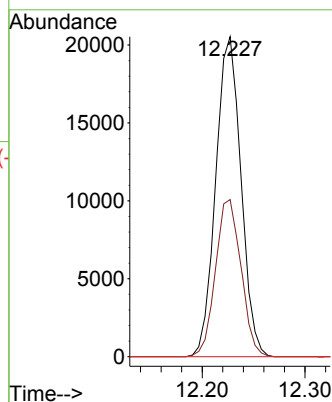
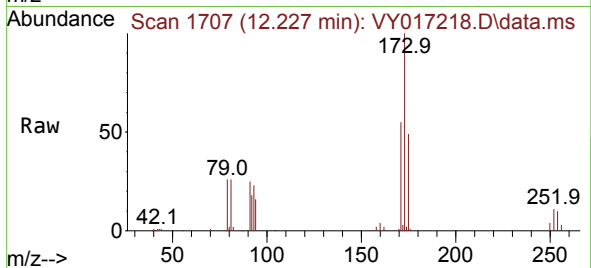
Tgt Ion:173 Resp: 34966

Ion Ratio Lower Upper

173 100

175 49.6 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.012 min

Lab File: VY017218.D

Acq: 05 Feb 2024 09:41

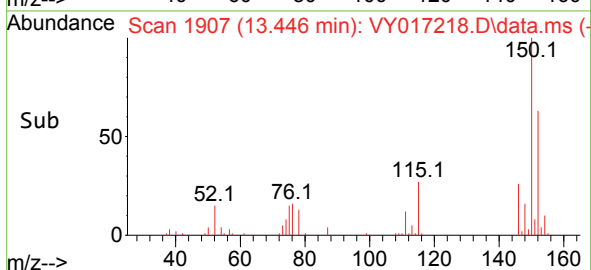
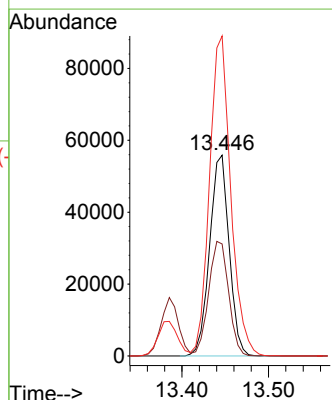
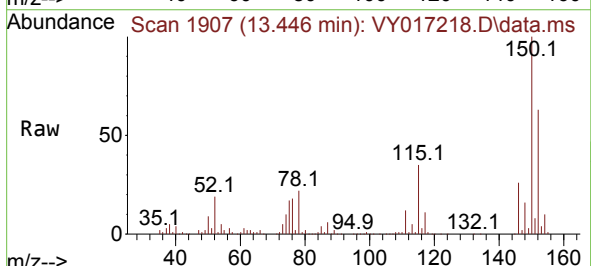
Tgt Ion:152 Resp: 87419

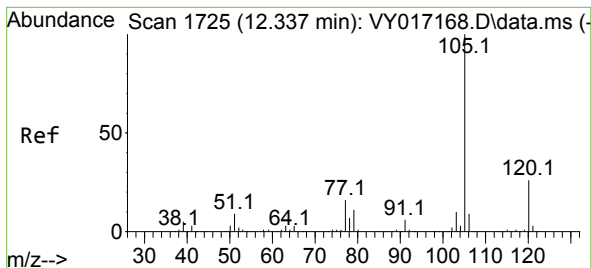
Ion Ratio Lower Upper

152 100

115 58.4 30.0 90.0

150 173.3 0.0 344.6





#73

Isopropylbenzene

Concen: 52.246 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017218.D

Acq: 05 Feb 2024 09:41

Instrument :

MSVOA_Y

ClientSampleId :

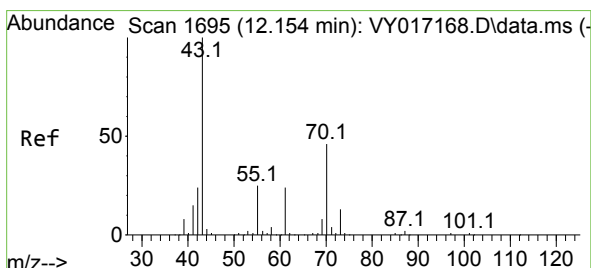
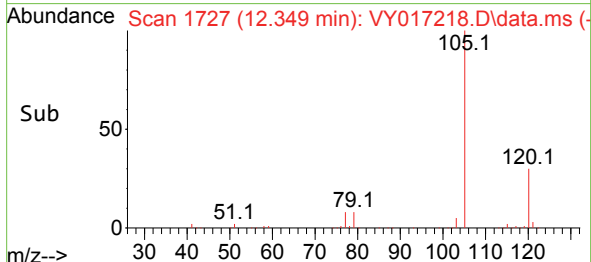
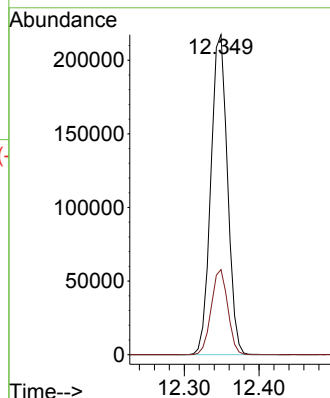
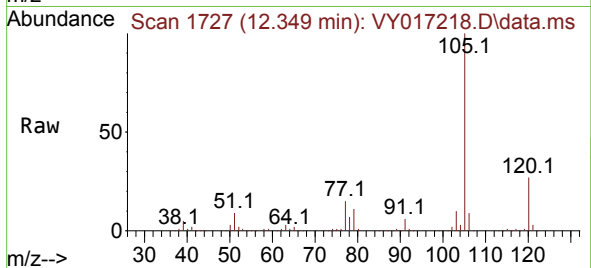
VSTDCCC050

Tgt Ion:105 Resp: 335528

Ion Ratio Lower Upper

105 100

120 26.4 13.0 39.0



#74

N-ethyl acetate

Concen: 47.239 ug/l

RT: 12.160 min Scan# 1696

Delta R.T. 0.006 min

Lab File: VY017218.D

Acq: 05 Feb 2024 09:41

Tgt Ion: 43 Resp: 68167

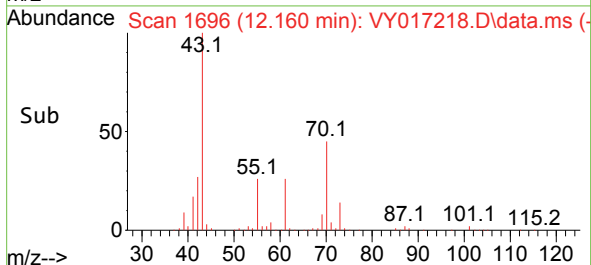
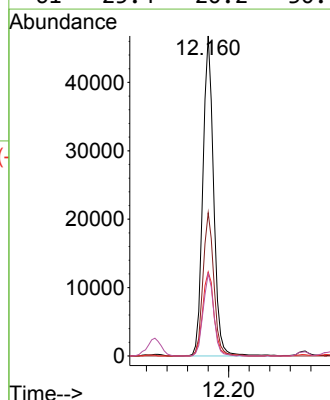
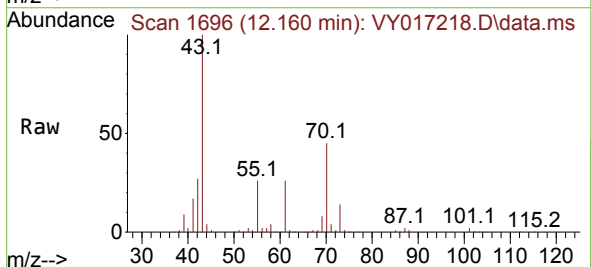
Ion Ratio Lower Upper

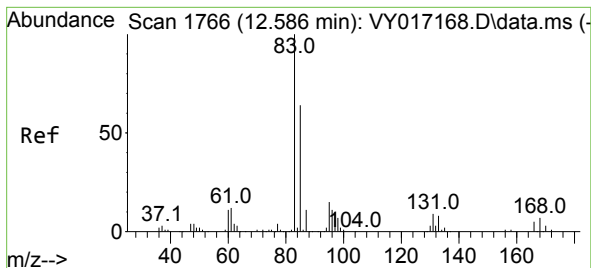
43 100

70 45.0 36.6 55.0

55 27.8 22.2 33.4

61 25.4 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 46.096 ug/l

RT: 12.599 min Scan# 1768

Delta R.T. 0.012 min

Lab File: VY017218.D

Acq: 05 Feb 2024 09:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

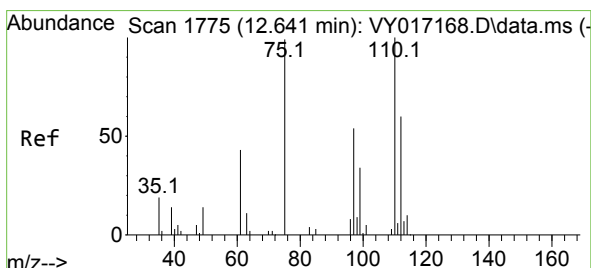
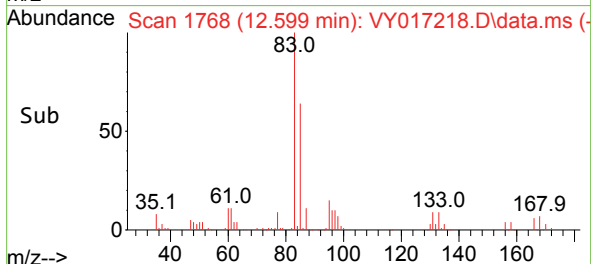
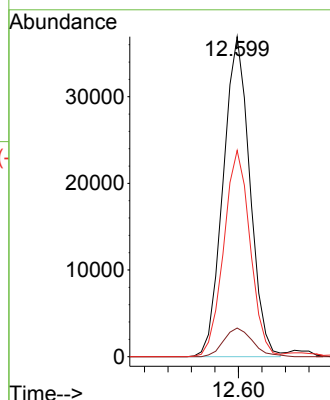
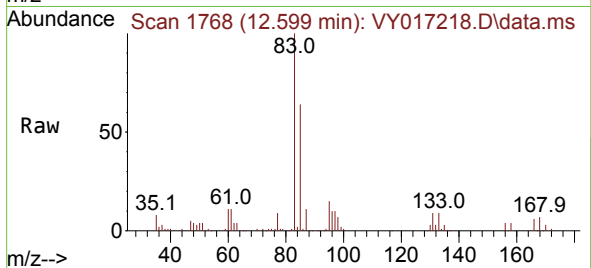
Tgt Ion: 83 Resp: 58225

Ion Ratio Lower Upper

83 100

131 9.7 4.9 14.6

85 63.9 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 87.538 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VY017218.D

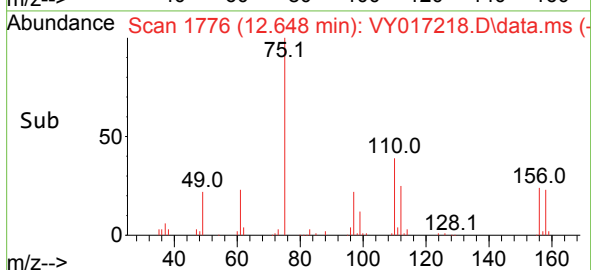
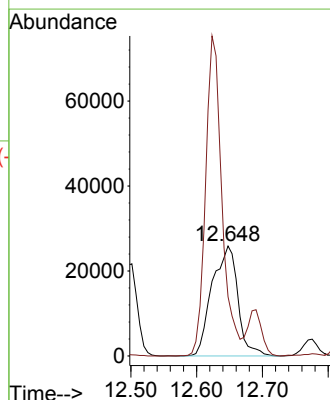
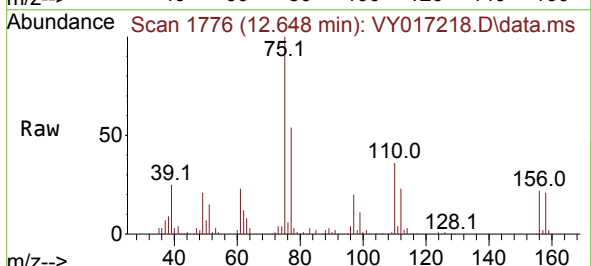
Acq: 05 Feb 2024 09:41

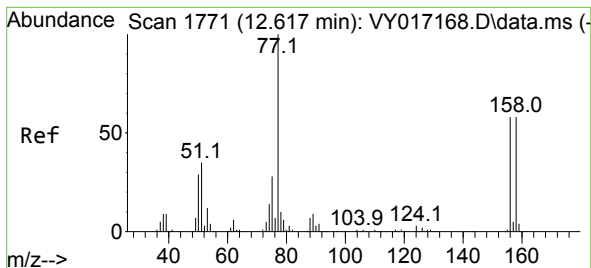
Tgt Ion: 75 Resp: 70631

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.869 ug/l

RT: 12.623 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY017218.D

Acq: 05 Feb 2024 09:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

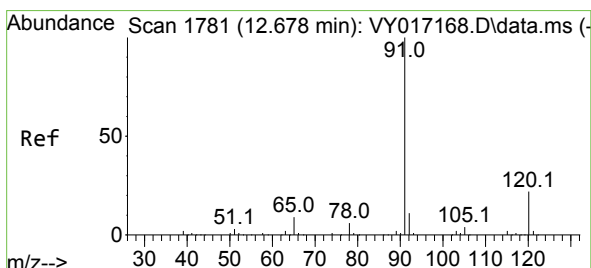
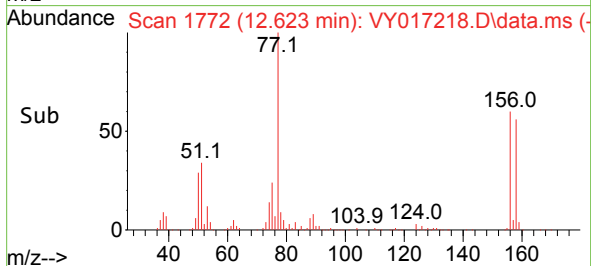
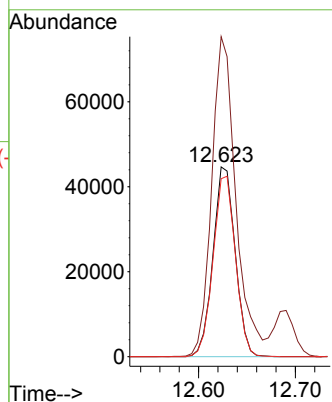
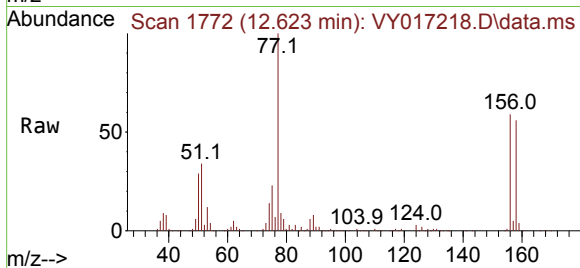
Tgt Ion:156 Resp: 71038

Ion Ratio Lower Upper

156 100

77 183.6 97.3 291.8

158 96.1 48.4 145.0



#78

n-propylbenzene

Concen: 52.345 ug/l

RT: 12.690 min Scan# 1783

Delta R.T. 0.012 min

Lab File: VY017218.D

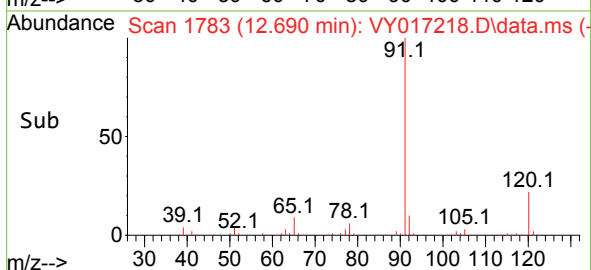
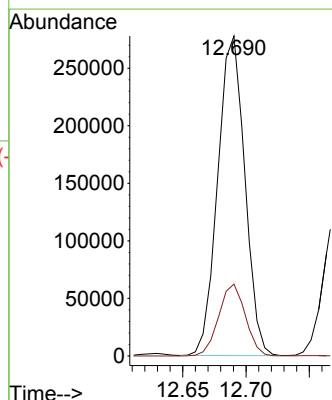
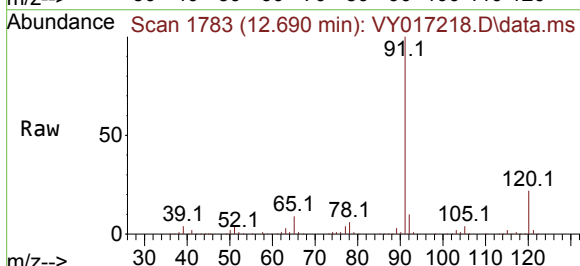
Acq: 05 Feb 2024 09:41

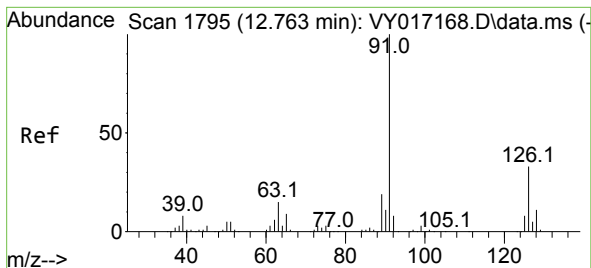
Tgt Ion: 91 Resp: 412872

Ion Ratio Lower Upper

91 100

120 22.1 11.0 33.0





#79

2-Chlorotoluene

Concen: 50.423 ug/l

RT: 12.776 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017218.D

Acq: 05 Feb 2024 09:41

Instrument :

MSVOA_Y

ClientSampleId :

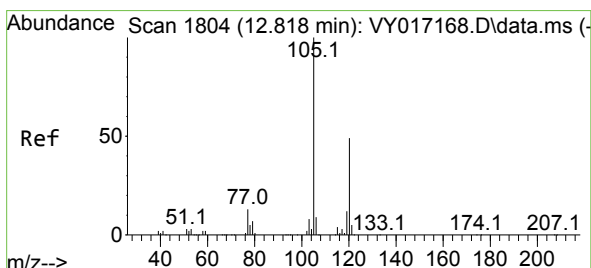
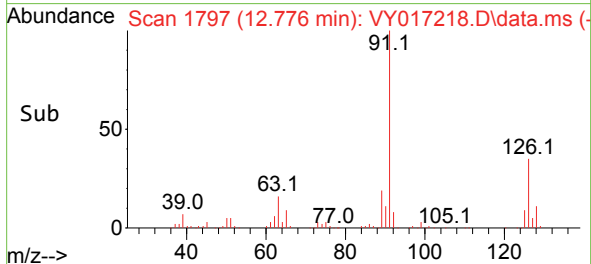
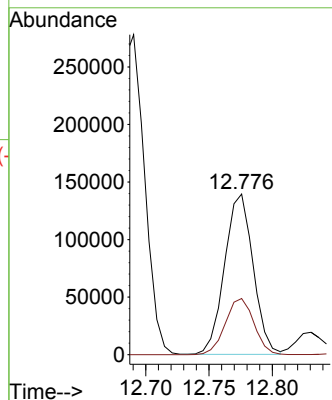
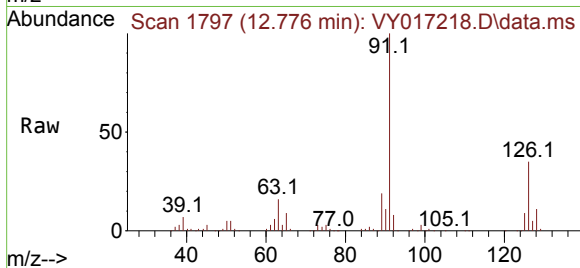
VSTDCCC050

Tgt Ion: 91 Resp: 218651

Ion Ratio Lower Upper

91 100

126 35.3 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 52.491 ug/l

RT: 12.831 min Scan# 1806

Delta R.T. 0.012 min

Lab File: VY017218.D

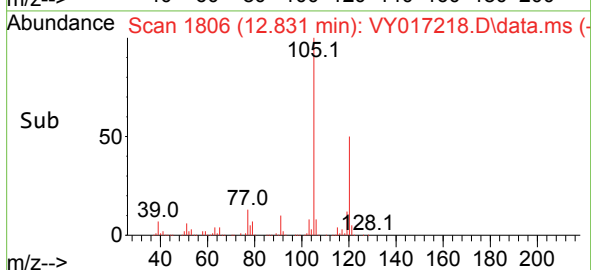
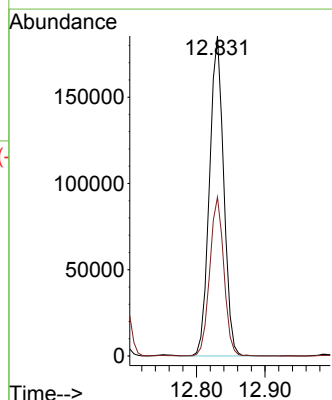
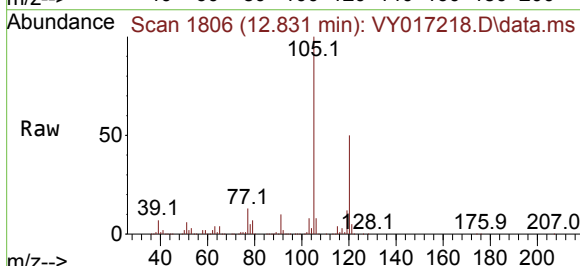
Acq: 05 Feb 2024 09:41

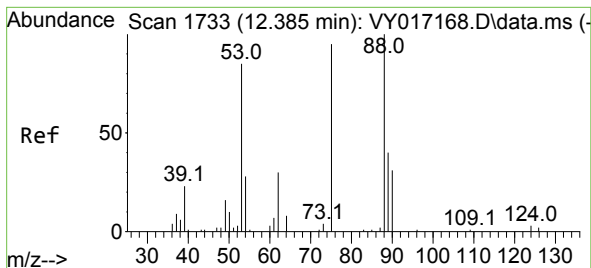
Tgt Ion:105 Resp: 268103

Ion Ratio Lower Upper

105 100

120 49.2 24.3 72.8

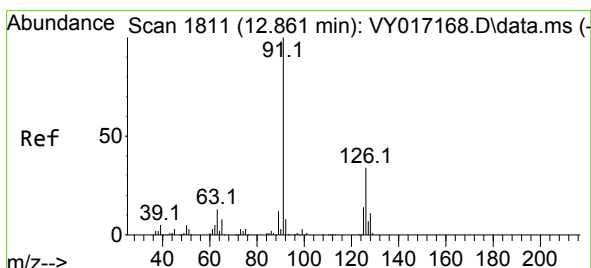
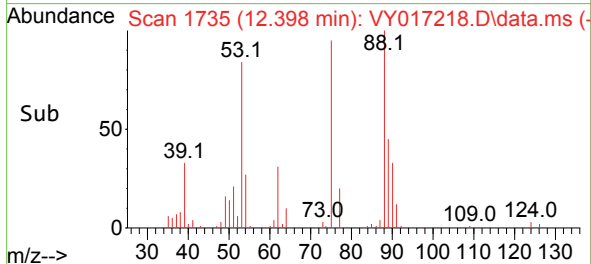
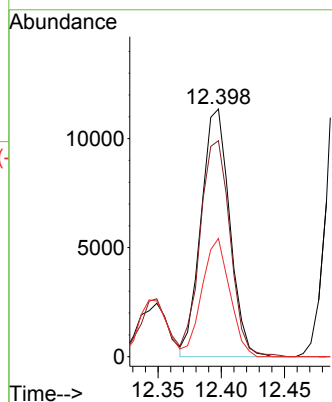
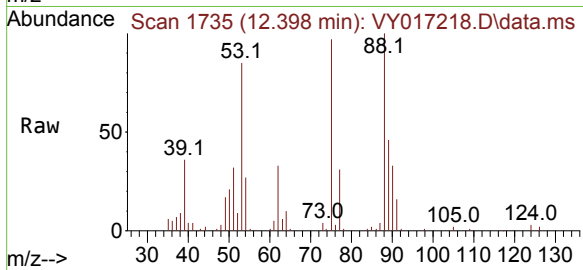




#81
trans-1,4-Dichloro-2-butene
Concen: 46.123 ug/l
RT: 12.398 min Scan# 1735
Delta R.T. 0.012 min
Lab File: VY017218.D
Acq: 05 Feb 2024 09:41

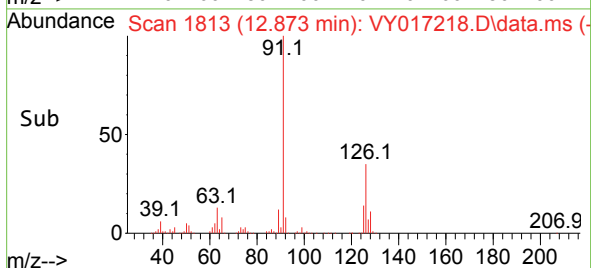
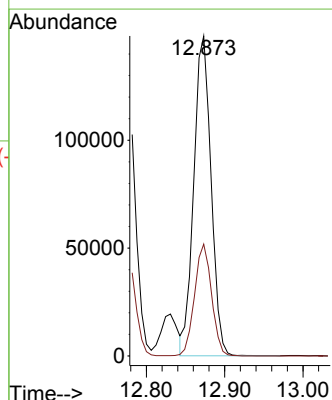
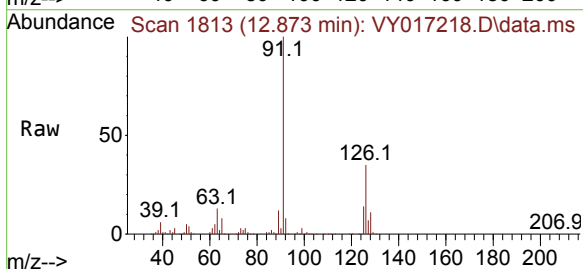
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

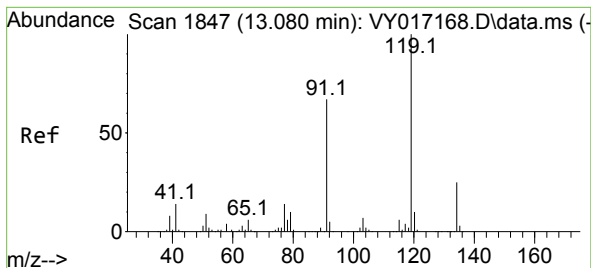
Tgt Ion: 75 Resp: 17910
Ion Ratio Lower Upper
75 100
53 91.2 74.0 111.0
89 46.3 36.5 54.7



#82
4-Chlorotoluene
Concen: 50.906 ug/l
RT: 12.873 min Scan# 1813
Delta R.T. 0.012 min
Lab File: VY017218.D
Acq: 05 Feb 2024 09:41

Tgt Ion: 91 Resp: 227190
Ion Ratio Lower Upper
91 100
126 34.6 17.1 51.2





#83

tert-Butylbenzene

Concen: 54.042 ug/l

RT: 13.093 min Scan# 1849

Delta R.T. 0.012 min

Lab File: VY017218.D

Acq: 05 Feb 2024 09:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

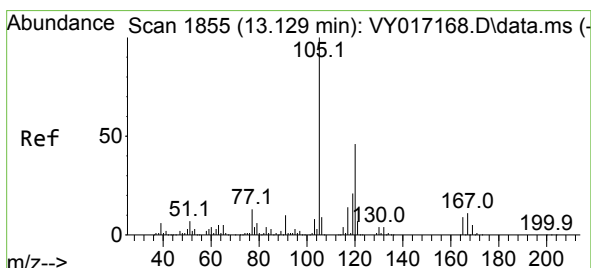
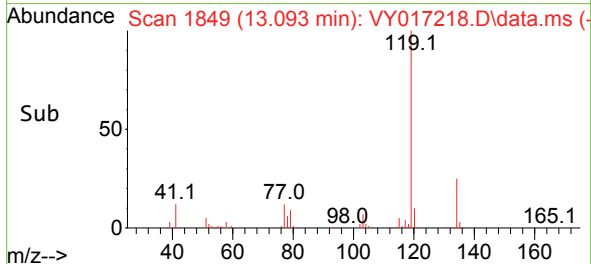
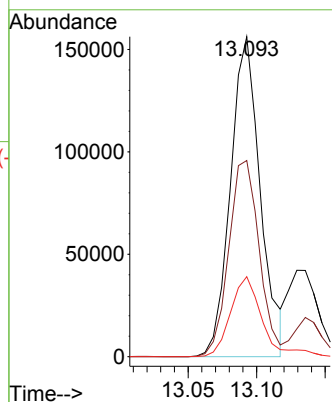
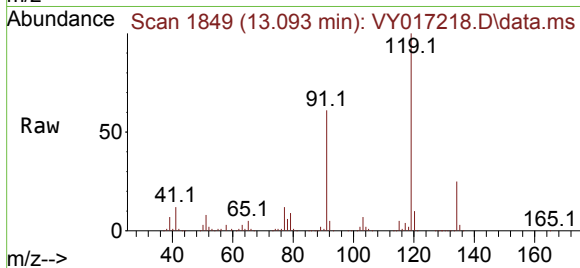
Tgt Ion:119 Resp: 236606

Ion Ratio Lower Upper

119 100

91 62.6 31.5 94.5

134 26.6 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 52.318 ug/l

RT: 13.135 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VY017218.D

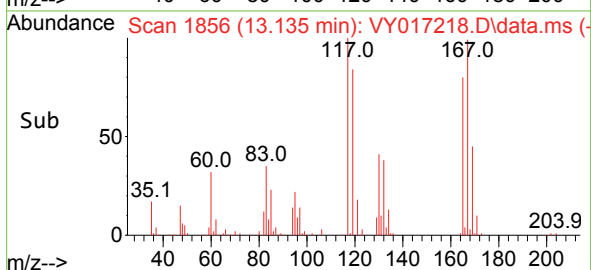
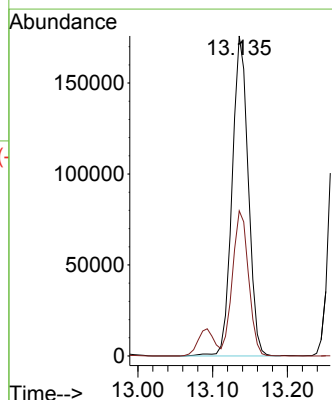
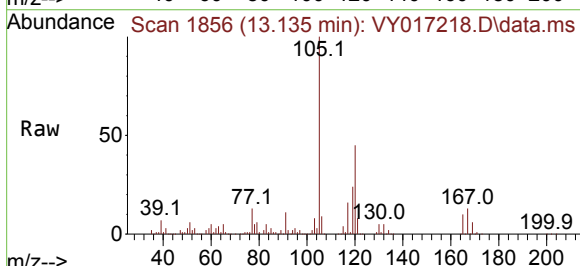
Acq: 05 Feb 2024 09:41

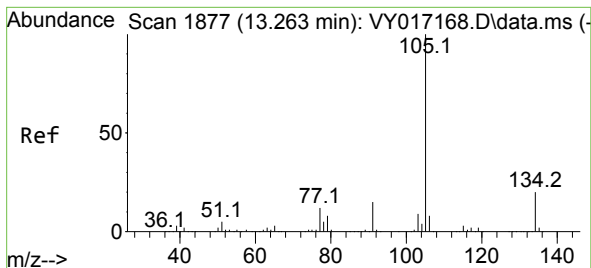
Tgt Ion:105 Resp: 263762

Ion Ratio Lower Upper

105 100

120 45.3 22.1 66.3





#85

sec-Butylbenzene

Concen: 52.528 ug/l

RT: 13.270 min Scan# 1877

Delta R.T. 0.006 min

Lab File: VY017218.D

Acq: 05 Feb 2024 09:41

Instrument :

MSVOA_Y

ClientSampleId :

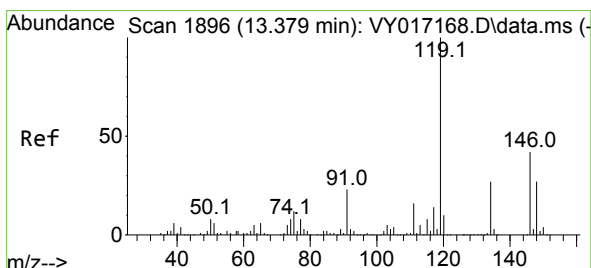
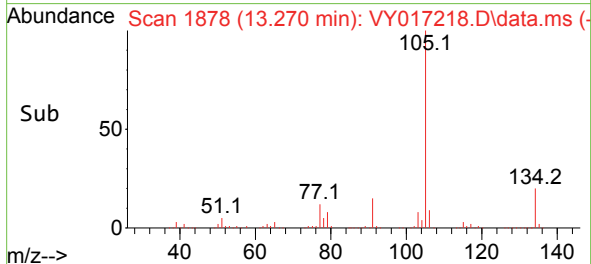
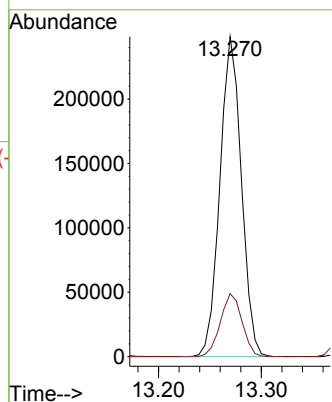
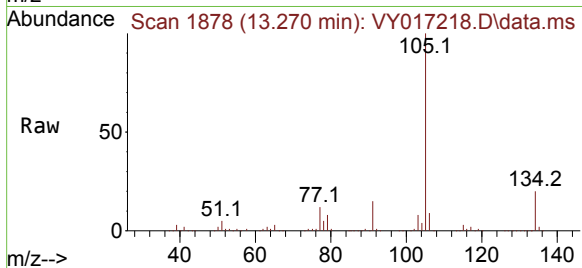
VSTDCCC050

Tgt Ion:105 Resp: 359436

Ion Ratio Lower Upper

105 100

134 19.9 9.7 28.9



#86

p-Isopropyltoluene

Concen: 53.160 ug/l

RT: 13.385 min Scan# 1897

Delta R.T. 0.006 min

Lab File: VY017218.D

Acq: 05 Feb 2024 09:41

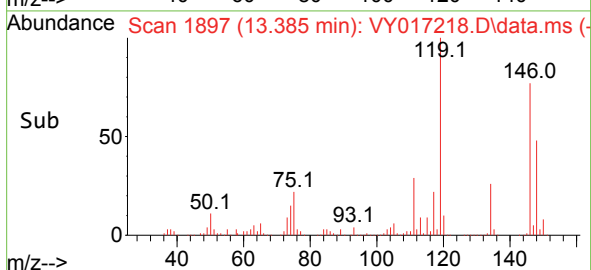
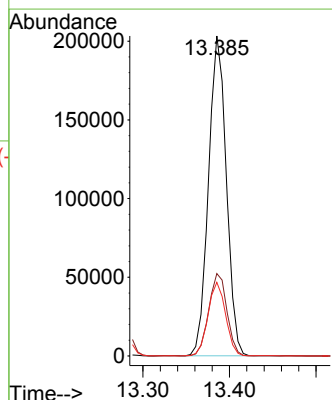
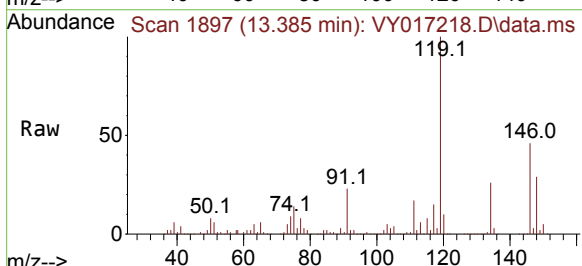
Tgt Ion:119 Resp: 290683

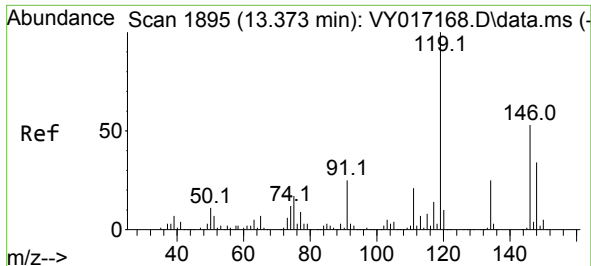
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.1

91 22.8 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 50.480 ug/l

RT: 13.385 min Scan# 1895

Delta R.T. 0.012 min

Lab File: VY017218.D

Acq: 05 Feb 2024 09:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

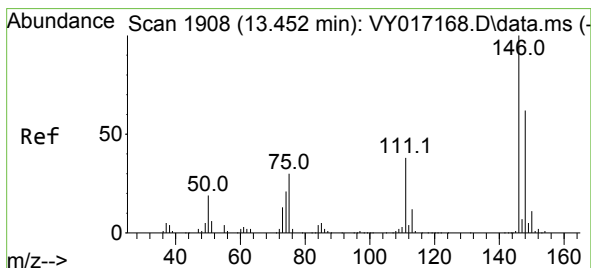
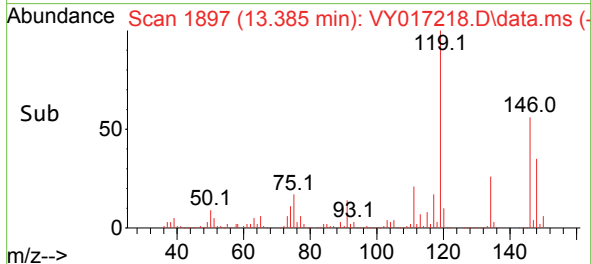
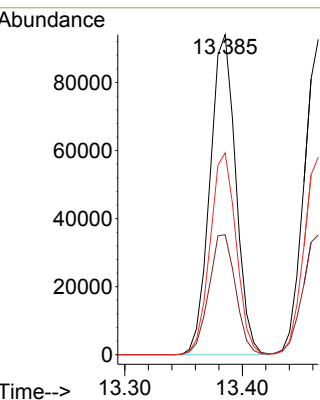
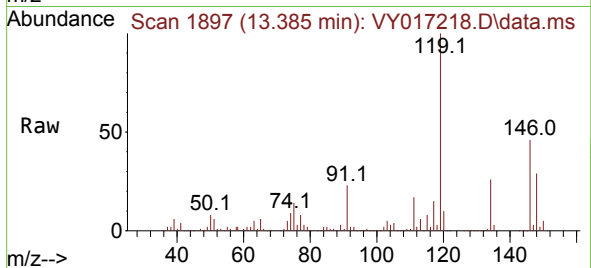
Tgt Ion:146 Resp: 143453

Ion Ratio Lower Upper

146 100

111 38.9 20.2 60.5

148 63.7 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 50.434 ug/l

RT: 13.465 min Scan# 1910

Delta R.T. 0.012 min

Lab File: VY017218.D

Acq: 05 Feb 2024 09:41

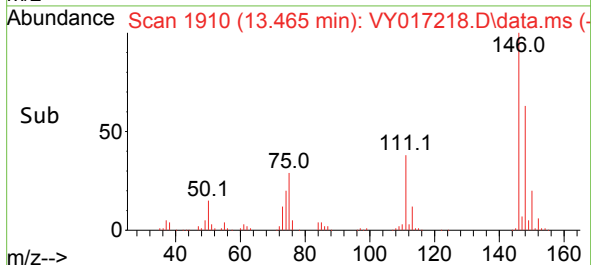
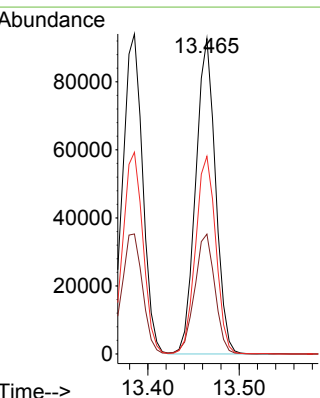
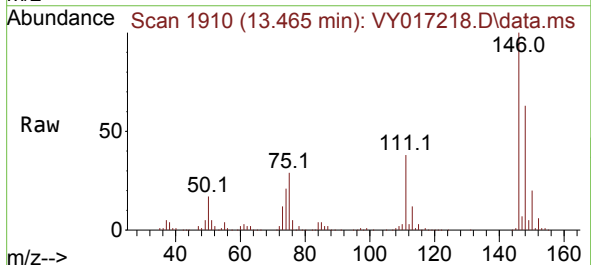
Tgt Ion:146 Resp: 139240

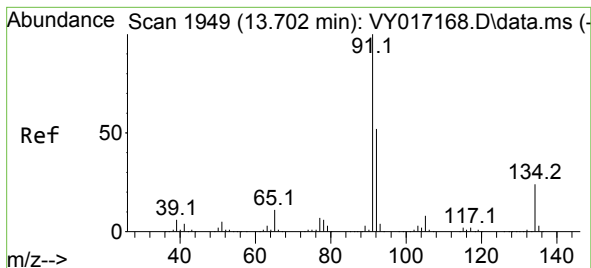
Ion Ratio Lower Upper

146 100

111 39.0 19.3 57.9

148 64.2 31.6 94.7





#89

n-Butylbenzene

Concen: 53.950 ug/l

RT: 13.715 min Scan# 1951

Delta R.T. 0.012 min

Lab File: VY017218.D

Acq: 05 Feb 2024 09:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

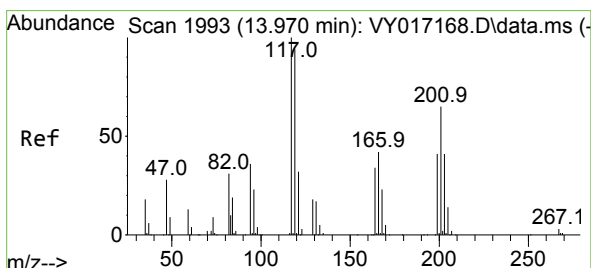
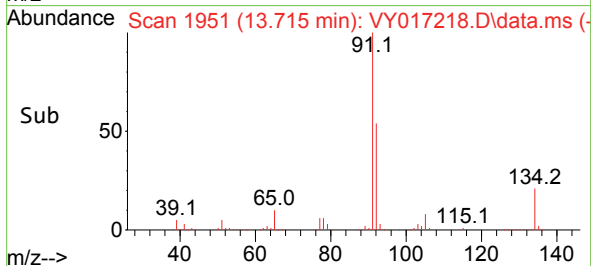
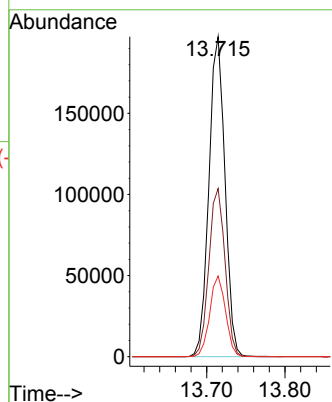
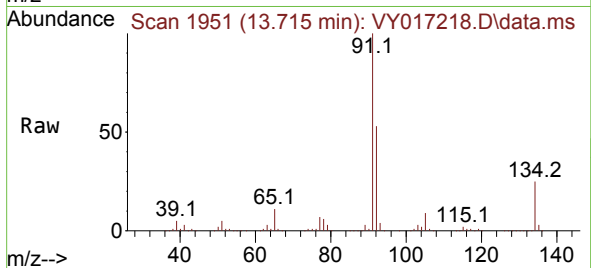
Tgt Ion: 91 Resp: 280482

Ion Ratio Lower Upper

91 100

92 53.0 26.4 79.2

134 24.8 12.3 36.8



#90

Hexachloroethane

Concen: 51.236 ug/l

RT: 13.977 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY017218.D

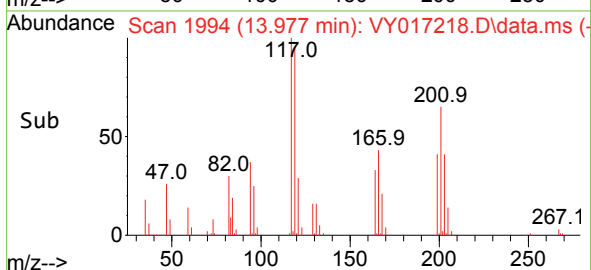
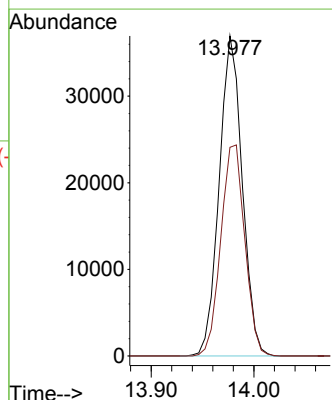
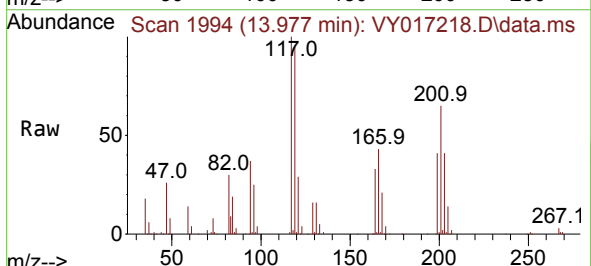
Acq: 05 Feb 2024 09:41

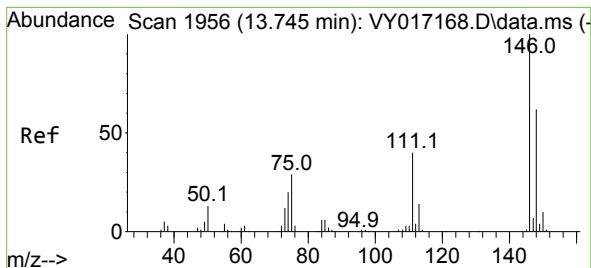
Tgt Ion: 117 Resp: 57515

Ion Ratio Lower Upper

117 100

201 68.7 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 50.521 ug/l

RT: 13.757 min Scan# 1958

Delta R.T. 0.012 min

Lab File: VY017218.D

Acq: 05 Feb 2024 09:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

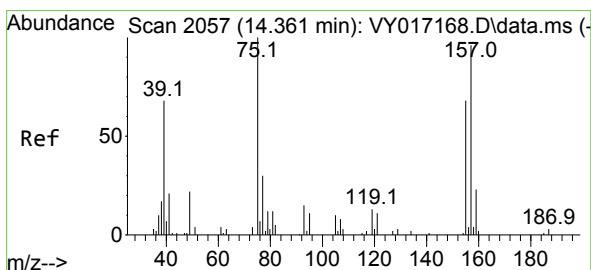
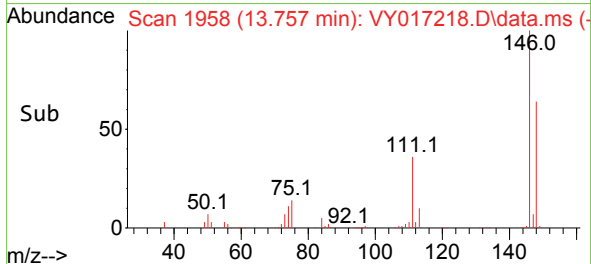
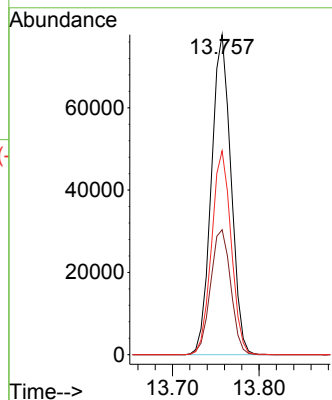
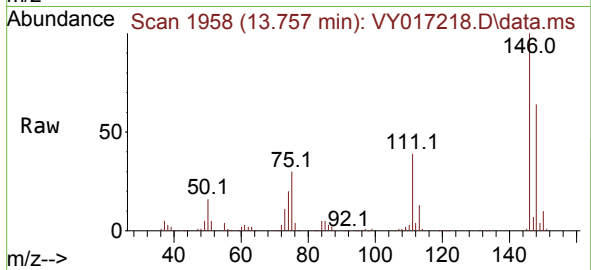
Tgt Ion:146 Resp: 122222

Ion Ratio Lower Upper

146 100

111 40.2 20.5 61.6

148 63.6 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.262 ug/l

RT: 14.373 min Scan# 2059

Delta R.T. 0.012 min

Lab File: VY017218.D

Acq: 05 Feb 2024 09:41

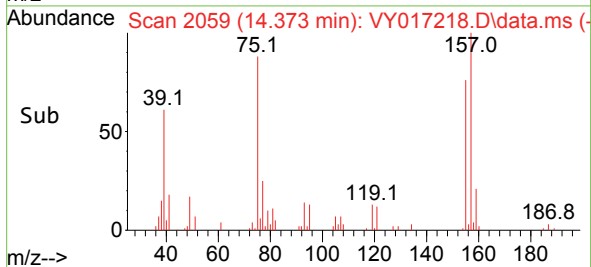
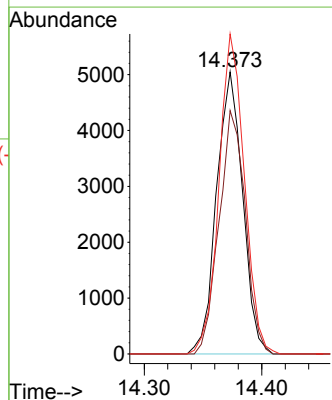
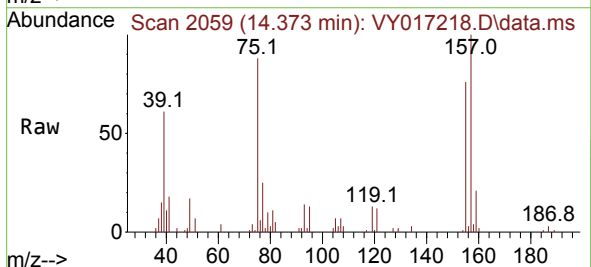
Tgt Ion: 75 Resp: 7776

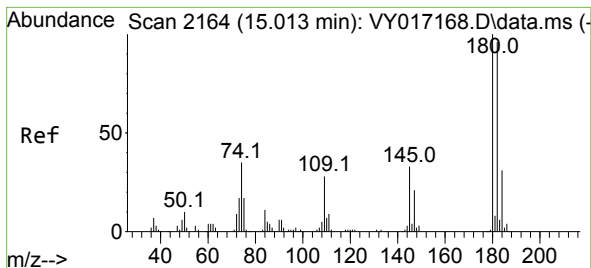
Ion Ratio Lower Upper

75 100

155 86.9 42.1 126.3

157 110.7 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 56.035 ug/l

RT: 15.025 min Scan# 2166

Delta R.T. 0.012 min

Lab File: VY017218.D

Acq: 05 Feb 2024 09:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

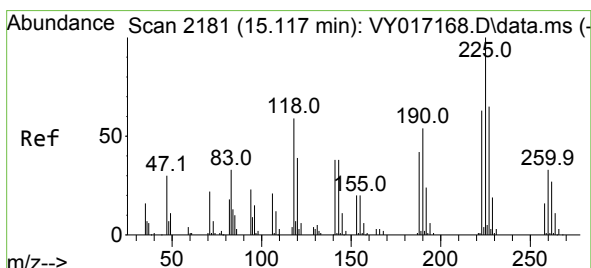
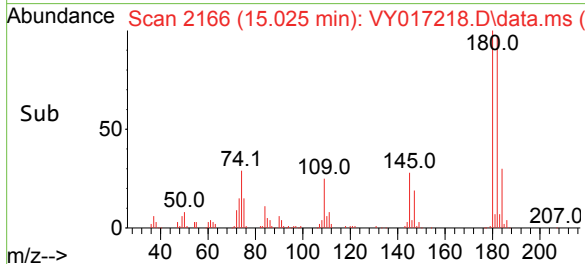
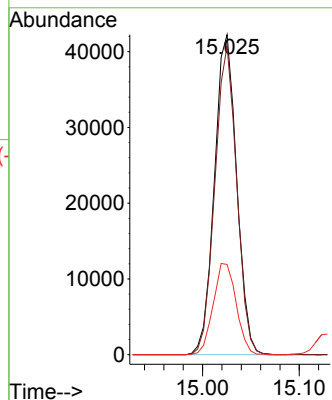
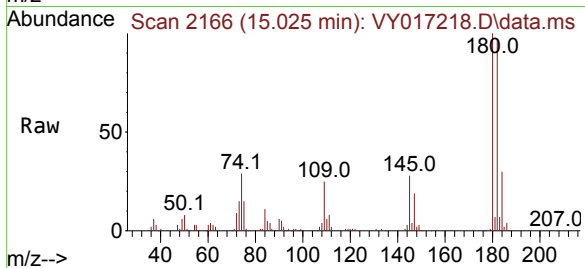
Tgt Ion:180 Resp: 67334

Ion Ratio Lower Upper

180 100

182 94.5 47.9 143.7

145 29.5 15.9 47.7



#94

Hexachlorobutadiene

Concen: 56.363 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.012 min

Lab File: VY017218.D

Acq: 05 Feb 2024 09:41

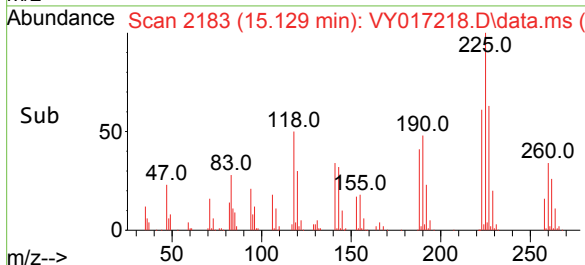
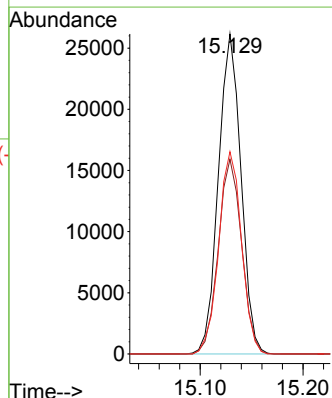
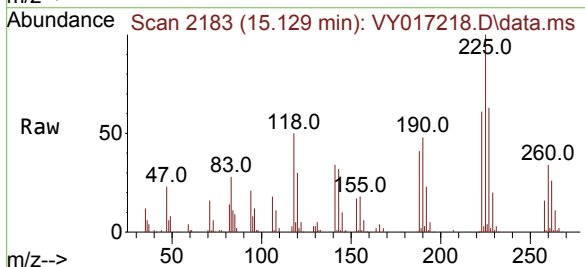
Tgt Ion:225 Resp: 39890

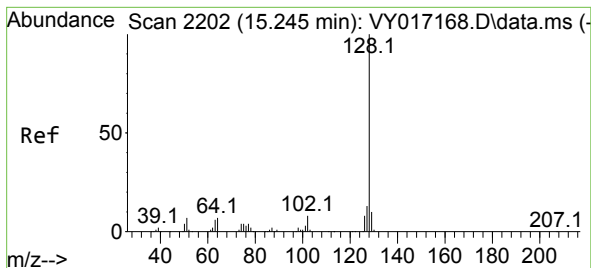
Ion Ratio Lower Upper

225 100

223 62.9 31.4 94.3

227 63.8 32.3 96.8





#95

Naphthalene

Concen: 51.001 ug/l

RT: 15.251 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY017218.D

Acq: 05 Feb 2024 09:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

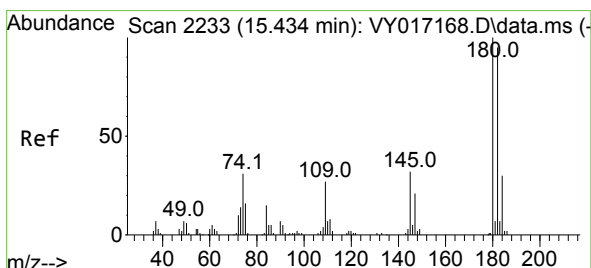
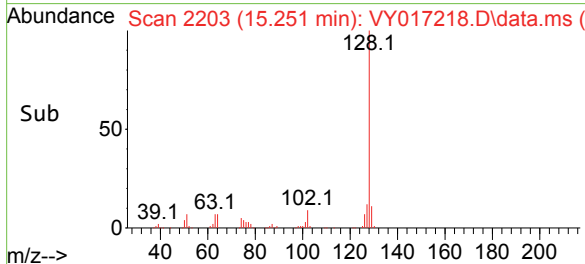
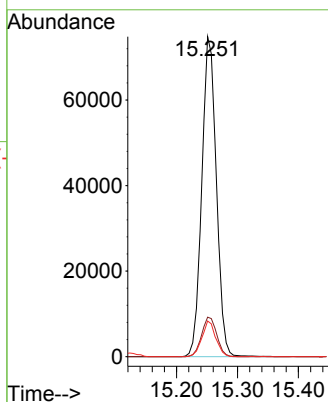
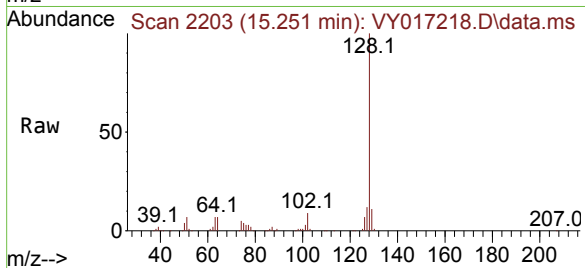
Tgt Ion:128 Resp: 124076

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 10.6 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 56.499 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY017218.D

Acq: 05 Feb 2024 09:41

Tgt Ion:180 Resp: 57742

Ion Ratio Lower Upper

180 100

182 95.4 46.3 138.8

145 32.2 16.1 48.2

