

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012424\
 Data File : VY017088.D
 Acq On : 24 Jan 2024 11:49
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Jan 25 04:21:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:13:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	138890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	229725	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	198086	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	88425	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	68458	50.589	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.180%	
35) Dibromofluoromethane	7.728	113	71706	51.718	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.440%	
50) Toluene-d8	10.191	98	275267	52.564	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.120%	
62) 4-Bromofluorobenzene	12.496	95	85561	53.037	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.080%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	48029	47.449	ug/l	96
3) Chloromethane	2.119	50	84970	48.191	ug/l	98
4) Vinyl Chloride	2.260	62	100554	50.253	ug/l	100
5) Bromomethane	2.662	94	72368	48.285	ug/l	100
6) Chloroethane	2.808	64	65609	49.790	ug/l	97
7) Trichlorofluoromethane	3.137	101	112257	49.065	ug/l	100
8) Diethyl Ether	3.546	74	36934	46.154	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.918	101	70358	45.289	ug/l	100
10) Methyl Iodide	4.107	142	74402	50.412	ug/l	97
11) Tert butyl alcohol	4.979	59	22113	220.643	ug/l	99
12) 1,1-Dichloroethene	3.887	96	65035	45.732	ug/l	94
13) Acrolein	3.741	56	38339	236.235	ug/l	99
14) Allyl chloride	4.497	41	101871	47.394	ug/l	100
15) Acrylonitrile	5.180	53	82756	238.280	ug/l	100
16) Acetone	3.960	43	81474	218.824	ug/l	98
17) Carbon Disulfide	4.216	76	198557	46.326	ug/l	100
18) Methyl Acetate	4.497	43	68650	49.452	ug/l	100
19) Methyl tert-butyl Ether	5.241	73	165451	47.677	ug/l	100
20) Methylene Chloride	4.735	84	75925	50.520	ug/l	98
21) trans-1,2-Dichloroethene	5.235	96	77442	47.080	ug/l	97
22) Diisopropyl ether	6.137	45	230918	48.670	ug/l	96
23) Vinyl Acetate	6.076	43	551152	239.475	ug/l	100
24) 1,1-Dichloroethane	6.033	63	134450	46.459	ug/l	99
25) 2-Butanone	7.003	43	111799	219.871	ug/l	100
26) 2,2-Dichloropropane	6.997	77	114872	46.474	ug/l	99
27) cis-1,2-Dichloroethene	7.003	96	86571	47.493	ug/l	99
28) Bromochloromethane	7.350	49	63473	55.093	ug/l	98
29) Tetrahydrofuran	7.362	42	67422	245.708	ug/l	100
30) Chloroform	7.521	83	137287	46.589	ug/l	96
31) Cyclohexane	7.801	56	120360	50.143	ug/l	98
32) 1,1,1-Trichloroethane	7.716	97	117909	46.662	ug/l	100
36) 1,1-Dichloropropene	7.929	75	107551	47.146	ug/l	99
37) Ethyl Acetate	7.088	43	45120	45.999	ug/l	99
38) Carbon Tetrachloride	7.917	117	104488	46.740	ug/l	98
39) Methylcyclohexane	9.197	83	134268	48.936	ug/l	97
40) Benzene	8.173	78	317676	47.951	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	22701	43.273	ug/l	87
42) 1,2-Dichloroethane	8.246	62	81552	47.481	ug/l	100
43) Isopropyl Acetate	8.283	43	88976	48.590	ug/l	100
44) Trichloroethene	8.953	130	80081	47.129	ug/l	97
45) 1,2-Dichloropropane	9.228	63	78002	47.970	ug/l	98
46) Dibromomethane	9.319	93	40995	47.472	ug/l	99
47) Bromodichloromethane	9.508	83	106360	48.412	ug/l	97
48) Methyl methacrylate	9.307	41	50870	50.033	ug/l	99
49) 1,4-Dioxane	9.313	88	8212	966.878	ug/l	100
51) 4-Methyl-2-Pentanone	10.081	43	238438	244.780	ug/l	99
52) Toluene	10.258	92	195674	48.798	ug/l	100
53) t-1,3-Dichloropropene	10.478	75	98402	49.030	ug/l	98
54) cis-1,3-Dichloropropene	9.941	75	120648	48.877	ug/l	99
55) 1,1,2-Trichloroethane	10.660	97	57697	47.804	ug/l	97
56) Ethyl methacrylate	10.520	69	53409	50.603	ug/l	98
57) 1,3-Dichloropropane	10.801	76	99537	48.779	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	202043	275.772	ug/l	100
59) 2-Hexanone	10.843	43	168783	227.120	ug/l	98
60) Dibromochloromethane	10.996	129	67105	47.856	ug/l	100
61) 1,2-Dibromoethane	11.099	107	52438	47.826	ug/l	100
64) Tetrachloroethene	10.734	164	64188	46.489	ug/l	98
65) Chlorobenzene	11.526	112	198160	47.207	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	73888	48.189	ug/l	99
67) Ethyl Benzene	11.605	91	372046	48.754	ug/l	100
68) m/p-Xylenes	11.715	106	278382	97.095	ug/l	99
69) o-Xylene	12.038	106	128958	49.516	ug/l	100
70) Styrene	12.057	104	191370	50.615	ug/l	99
71) Bromoform	12.221	173	36805	47.871	ug/l #	97
73) Isopropylbenzene	12.343	105	348660	47.964	ug/l	99
74) N-amyl acetate	12.154	43	71585	48.856	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	65297	47.107	ug/l	97
76) 1,2,3-Trichloropropane	12.642	75	78580	47.010	ug/l #	100
77) Bromobenzene	12.624	156	74752	47.524	ug/l	98
78) n-propylbenzene	12.685	91	427508	48.896	ug/l	100
79) 2-Chlorotoluene	12.770	91	228822	47.692	ug/l	100
80) 1,3,5-Trimethylbenzene	12.825	105	279337	48.554	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.392	75	19135	46.155	ug/l	98
82) 4-Chlorotoluene	12.867	91	237718	47.806	ug/l	100
83) tert-Butylbenzene	13.087	119	243906	49.014	ug/l	100
84) 1,2,4-Trimethylbenzene	13.130	105	278673	48.736	ug/l	98
85) sec-Butylbenzene	13.264	105	363832	49.377	ug/l	99
86) p-Isopropyltoluene	13.380	119	304282	49.575	ug/l	99
87) 1,3-Dichlorobenzene	13.380	146	147680	47.555	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	144173	47.185	ug/l	100
89) n-Butylbenzene	13.709	91	294346	49.719	ug/l	99
90) Hexachloroethane	13.971	117	60606	47.375	ug/l	99
91) 1,2-Dichlorobenzene	13.751	146	124479	46.937	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	8187	46.245	ug/l	98
93) 1,2,4-Trichlorobenzene	15.019	180	65951	47.588	ug/l	98
94) Hexachlorobutadiene	15.123	225	38732	46.437	ug/l	99
95) Naphthalene	15.251	128	119639	48.878	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	54585	47.342	ug/l	99

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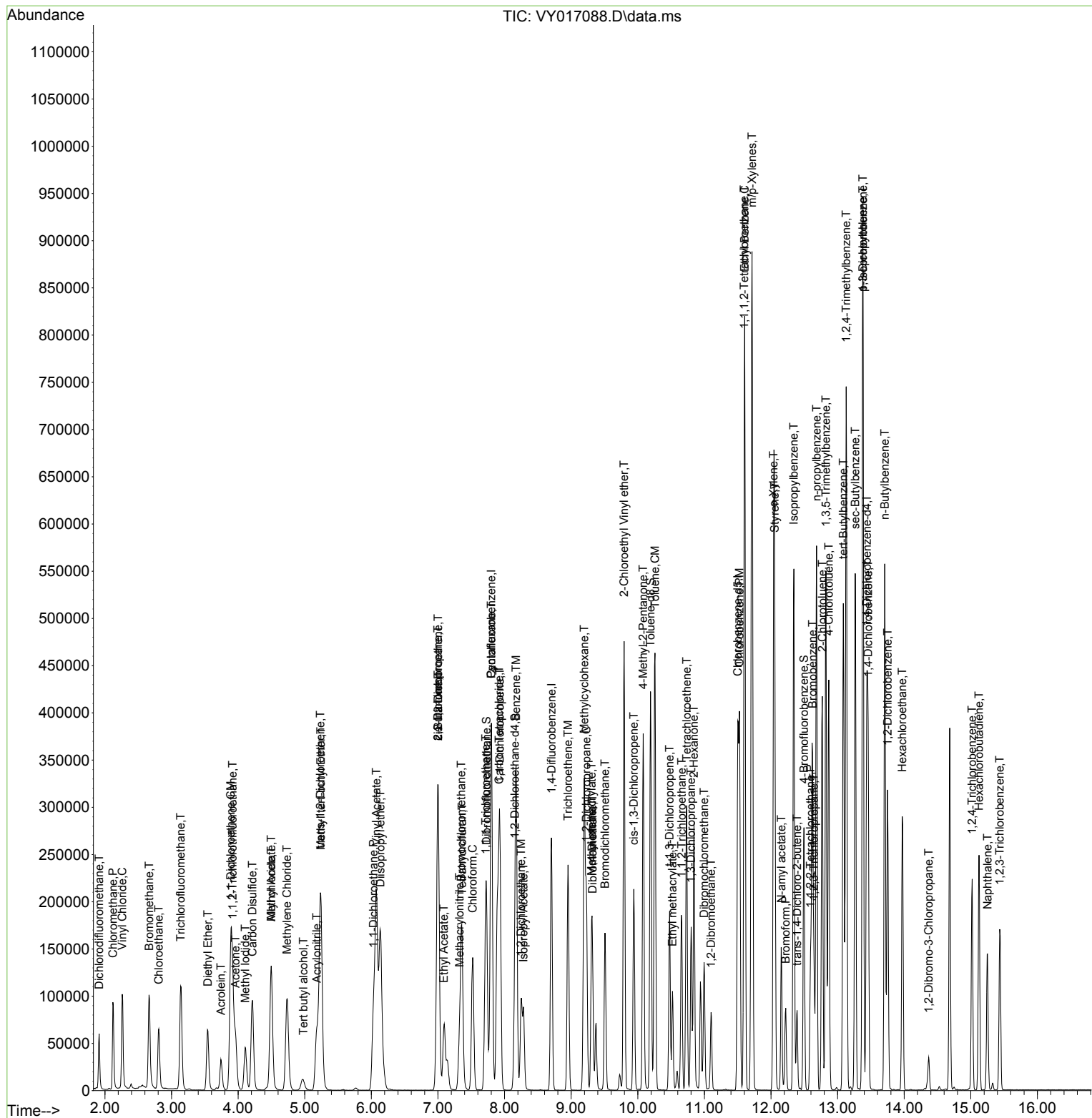
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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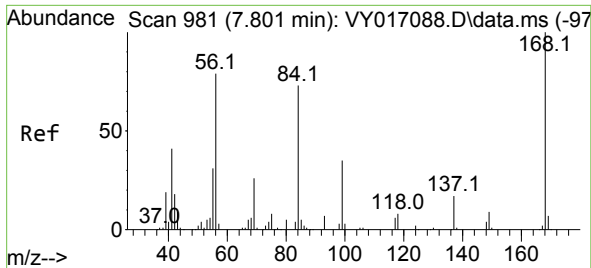
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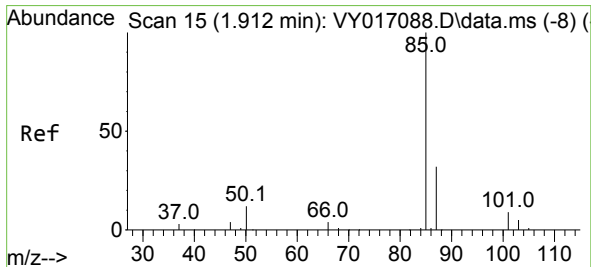
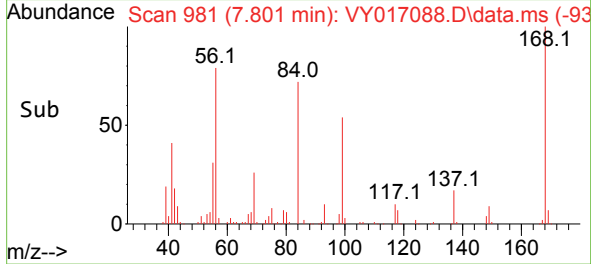
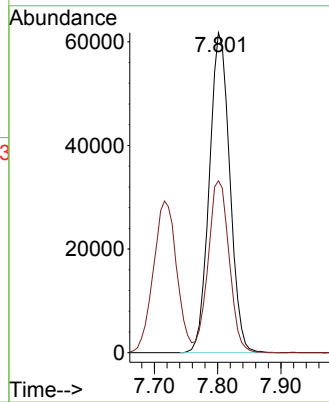
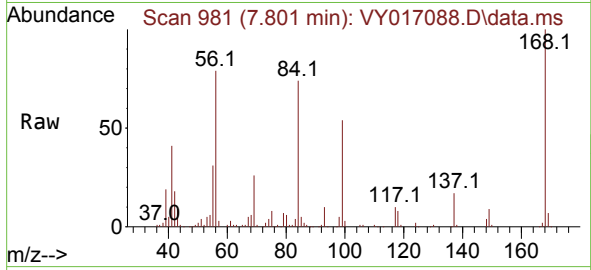




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
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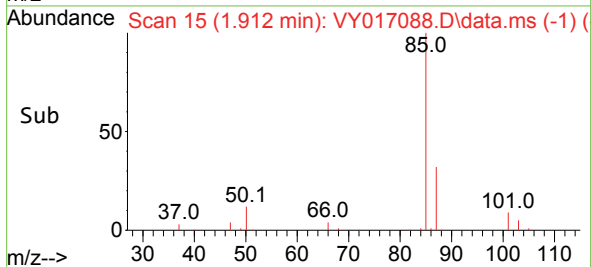
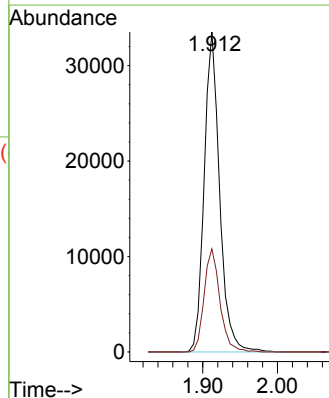
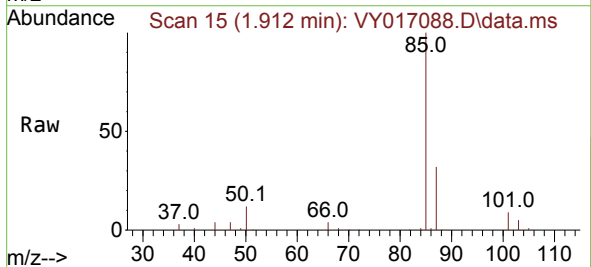
Instrument :
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ClientSampleId :
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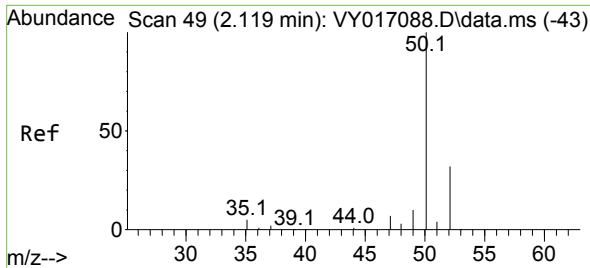
Tgt Ion:168 Resp: 138890
Ion Ratio Lower Upper
168 100
99 53.7 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 47.449 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.000 min
Lab File: VY017088.D
Acq: 24 Jan 2024 11:49

Tgt Ion: 85 Resp: 48029
Ion Ratio Lower Upper
85 100
87 32.2 17.1 51.3

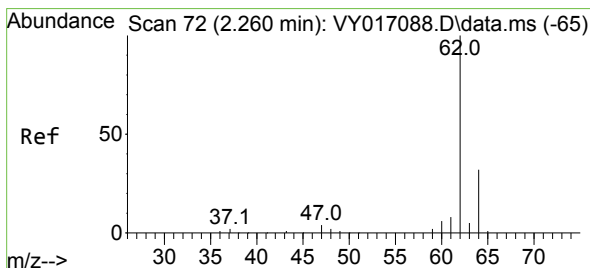
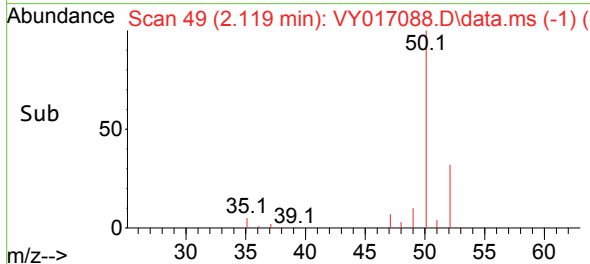
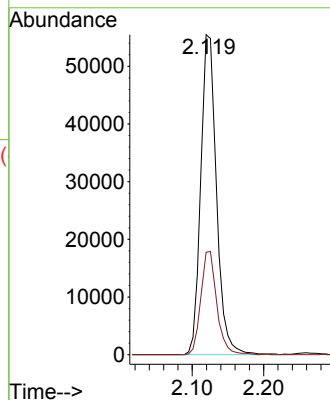
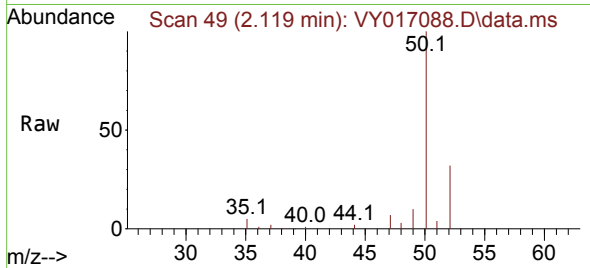




#3
Chloromethane
Concen: 48.191 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY017088.D
Acq: 24 Jan 2024 11:49

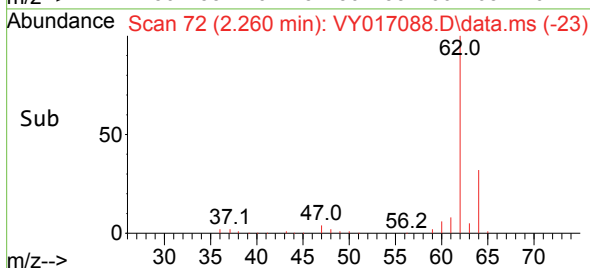
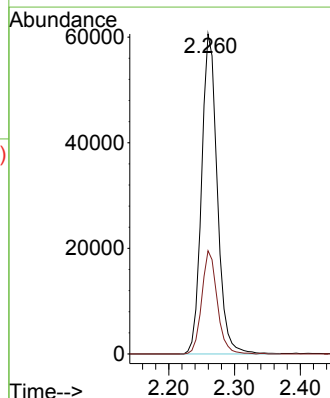
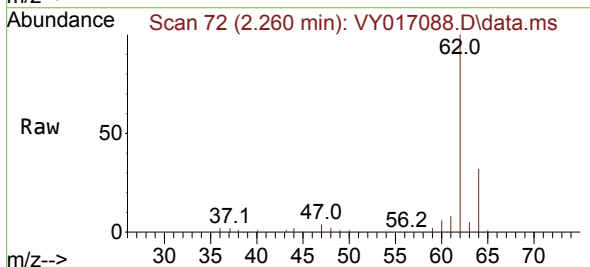
Instrument :
MSVOA_Y
ClientSampleId :
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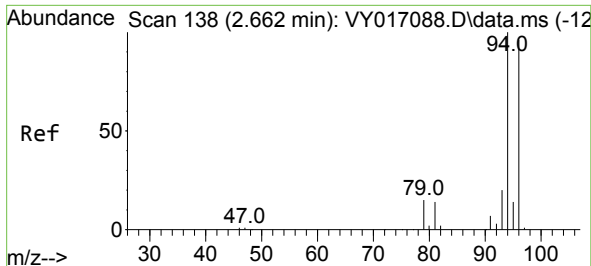
Tgt Ion: 50 Resp: 84970
Ion Ratio Lower Upper
50 100
52 32.0 26.7 40.1



#4
Vinyl Chloride
Concen: 50.253 ug/l
RT: 2.260 min Scan# 72
Delta R.T. 0.001 min
Lab File: VY017088.D
Acq: 24 Jan 2024 11:49

Tgt Ion: 62 Resp: 100554
Ion Ratio Lower Upper
62 100
64 32.3 25.7 38.5





#5

Bromomethane

Concen: 48.285 ug/l

RT: 2.662 min Scan# 138

Delta R.T. -0.000 min

Lab File: VY017088.D

Acq: 24 Jan 2024 11:49

Instrument :

MSVOA_Y

ClientSampleId :

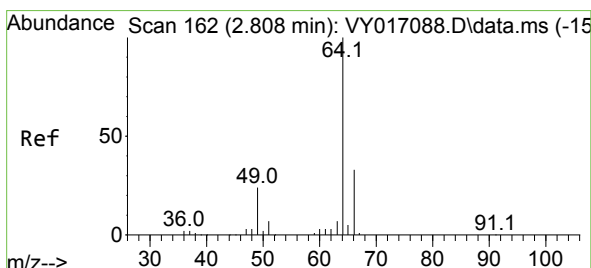
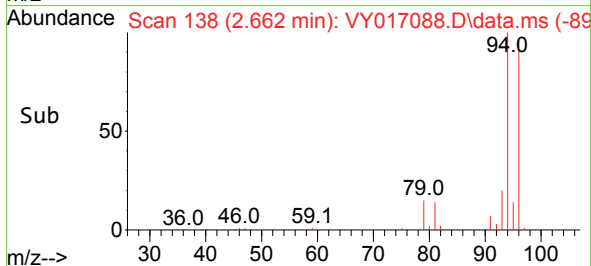
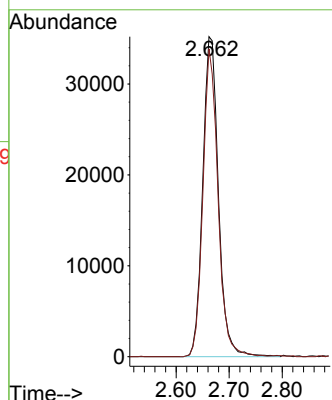
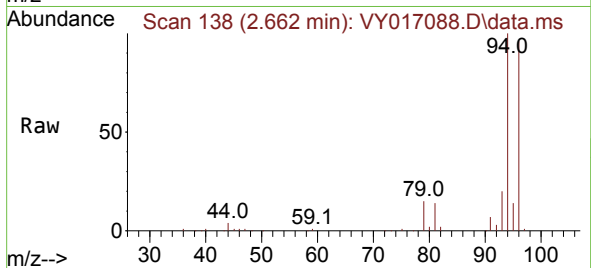
VSTDICCC050

Tgt Ion: 94 Resp: 72368

Ion Ratio Lower Upper

94 100

96 96.2 77.3 115.9



#6

Chloroethane

Concen: 49.790 ug/l

RT: 2.808 min Scan# 162

Delta R.T. 0.000 min

Lab File: VY017088.D

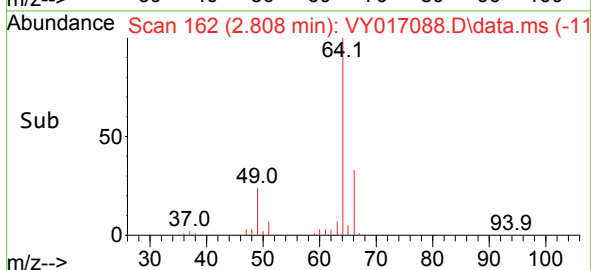
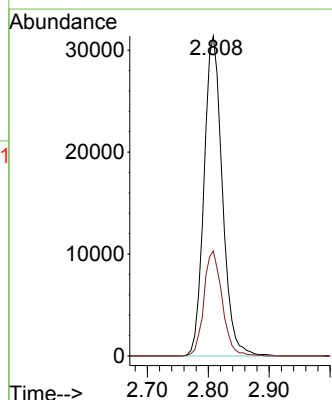
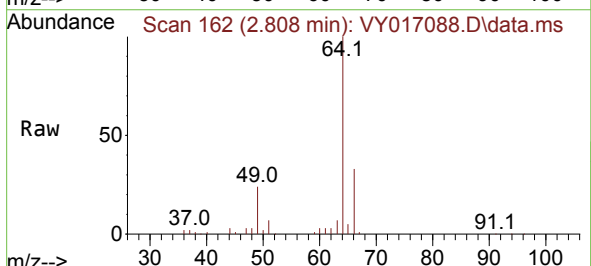
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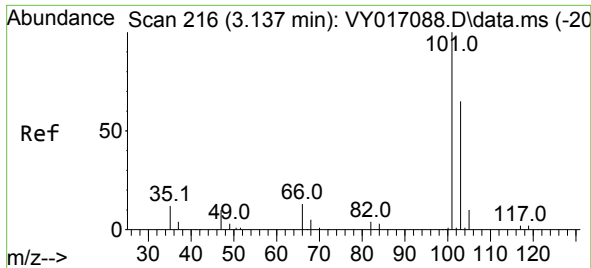
Tgt Ion: 64 Resp: 65609

Ion Ratio Lower Upper

64 100

66 32.8 25.1 37.7

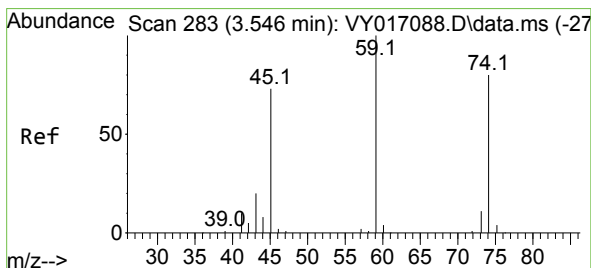
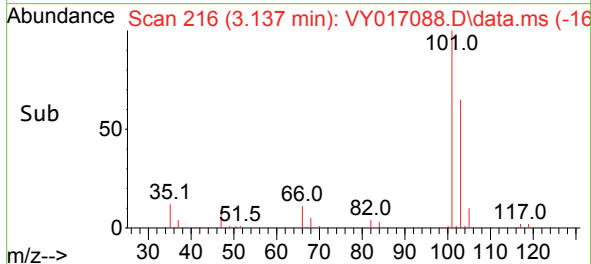
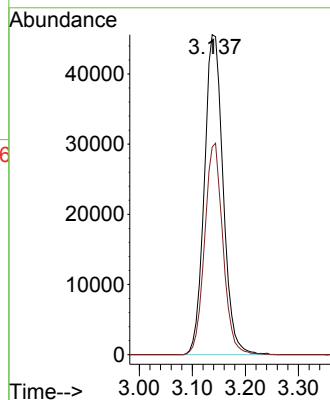
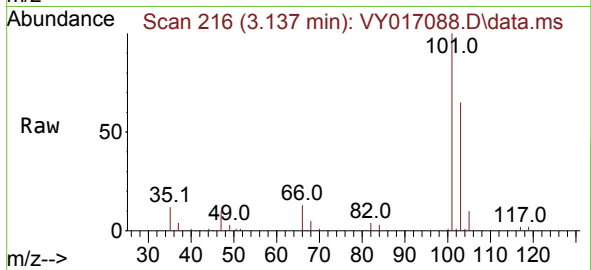




#7
Trichlorofluoromethane
Concen: 49.065 ug/l
RT: 3.137 min Scan# 216
Delta R.T. 0.000 min
Lab File: VY017088.D
Acq: 24 Jan 2024 11:49

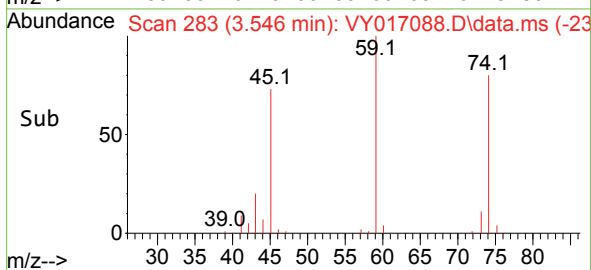
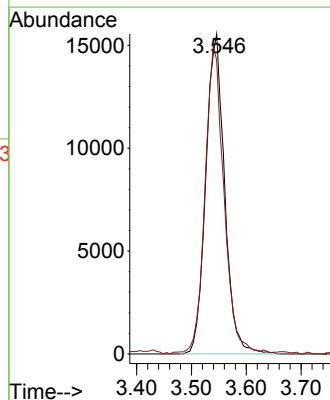
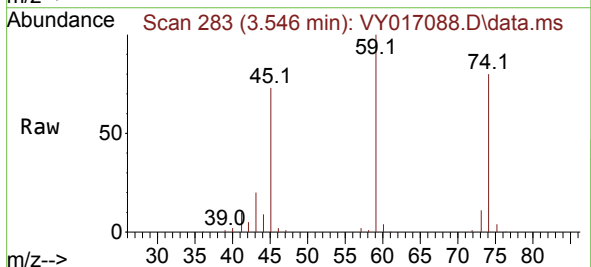
Instrument :
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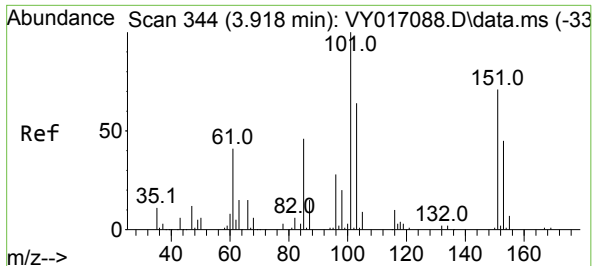
Tgt Ion:101 Resp: 112257
Ion Ratio Lower Upper
101 100
103 64.9 51.9 77.9



#8
Diethyl Ether
Concen: 46.154 ug/l
RT: 3.546 min Scan# 283
Delta R.T. 0.006 min
Lab File: VY017088.D
Acq: 24 Jan 2024 11:49

Tgt Ion: 74 Resp: 36934
Ion Ratio Lower Upper
74 100
45 97.4 47.9 143.7

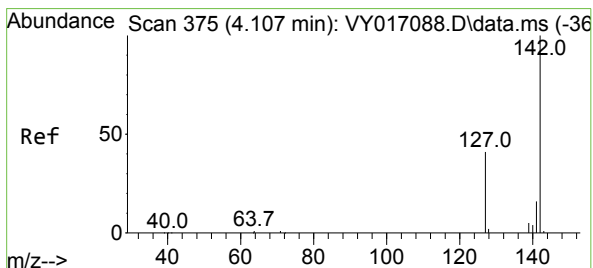
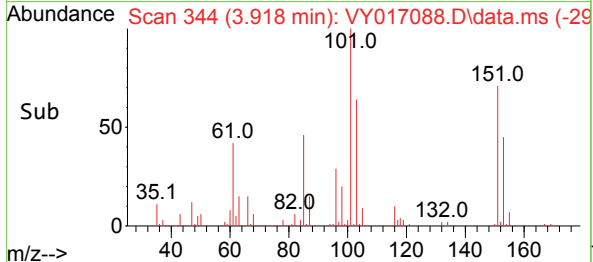
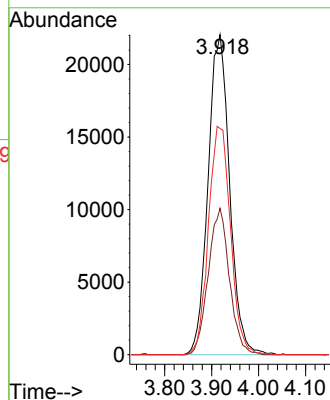
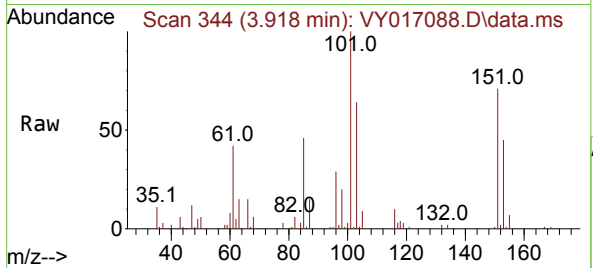




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.289 ug/l
RT: 3.918 min Scan# 344
Delta R.T. 0.007 min
Lab File: VY017088.D
Acq: 24 Jan 2024 11:49

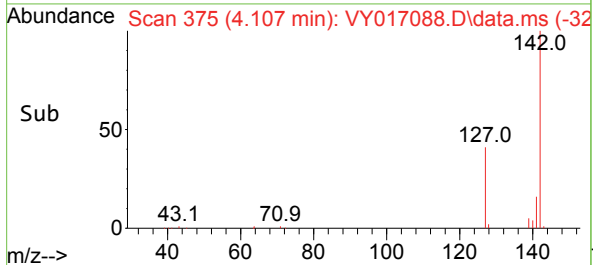
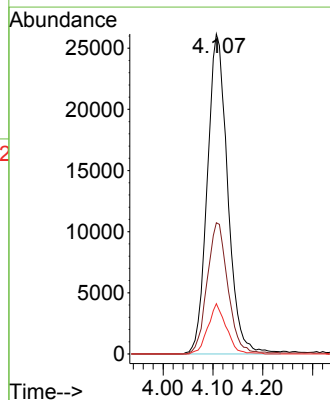
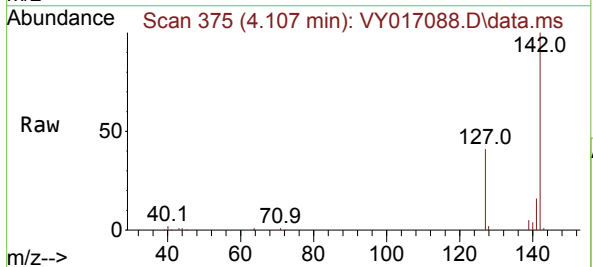
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

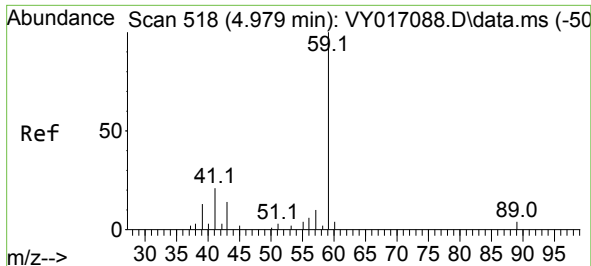
Tgt Ion:101 Resp: 70358
Ion Ratio Lower Upper
101 100
85 44.8 35.8 53.6
151 72.9 58.6 88.0



#10
Methyl Iodide
Concen: 50.412 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.001 min
Lab File: VY017088.D
Acq: 24 Jan 2024 11:49

Tgt Ion:142 Resp: 74402
Ion Ratio Lower Upper
142 100
127 41.8 35.1 52.7
141 14.2 11.8 17.6

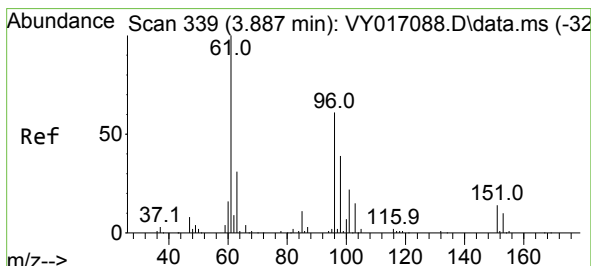
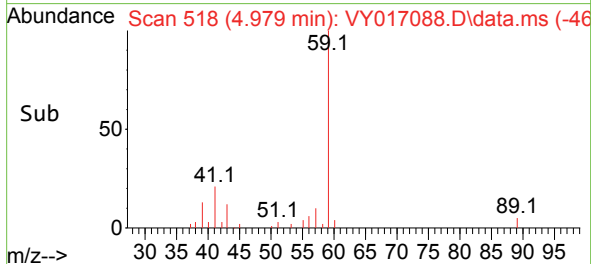
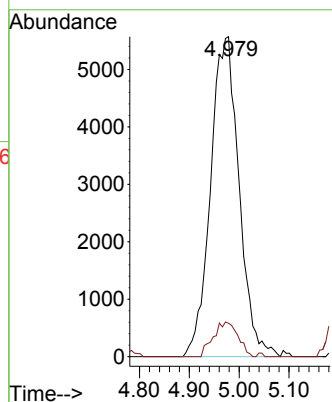
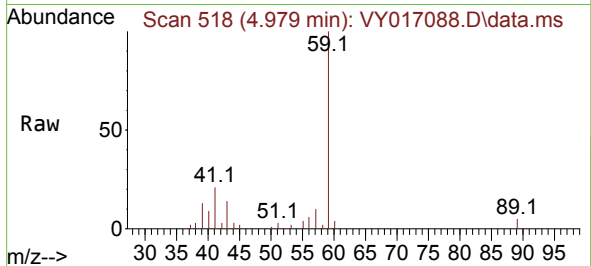




#11
Tert butyl alcohol
Concen: 220.643 ug/l
RT: 4.979 min Scan# 518
Delta R.T. 0.013 min
Lab File: VY017088.D
Acq: 24 Jan 2024 11:49

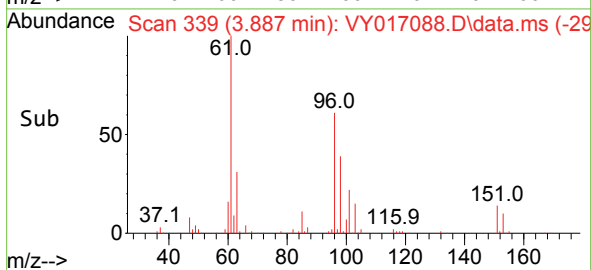
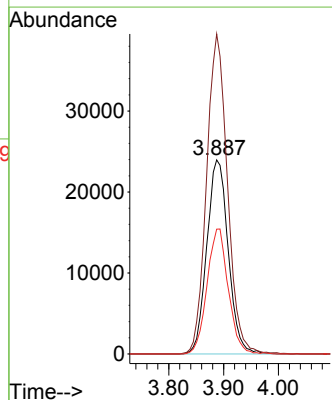
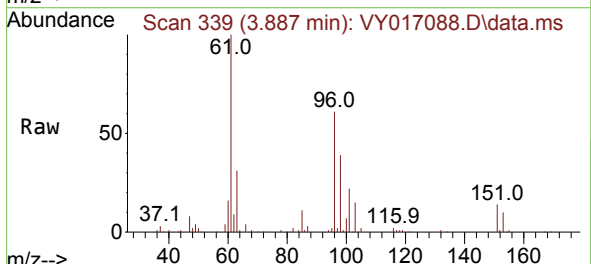
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

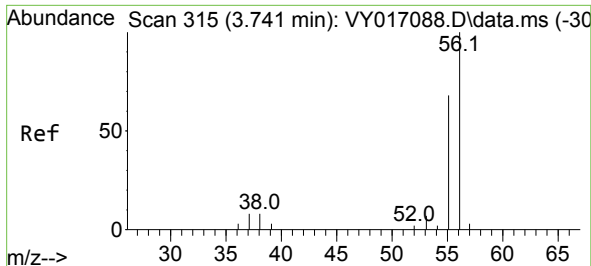
Tgt Ion: 59 Resp: 22113
Ion Ratio Lower Upper
59 100
57 9.4 7.4 11.0



#12
1,1-Dichloroethene
Concen: 45.732 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY017088.D
Acq: 24 Jan 2024 11:49

Tgt Ion: 96 Resp: 65035
Ion Ratio Lower Upper
96 100
61 164.8 124.2 186.2
98 64.2 52.6 79.0





#13

Acrolein

Concen: 236.235 ug/l

RT: 3.741 min Scan# 315

Delta R.T. -0.000 min

Lab File: VY017088.D

Acq: 24 Jan 2024 11:49

Instrument :

MSVOA_Y

ClientSampleId :

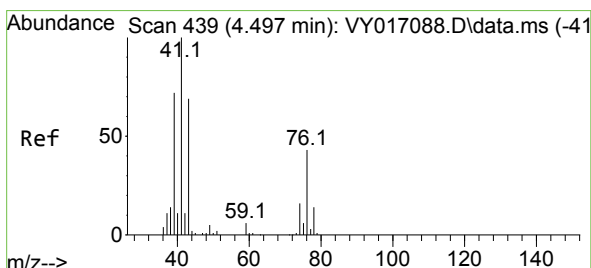
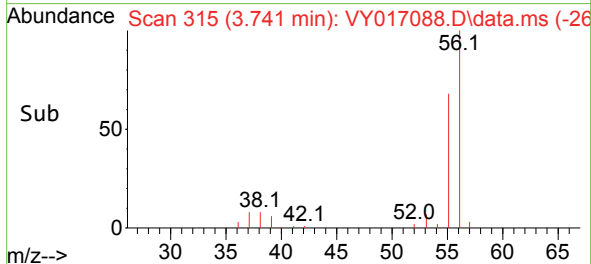
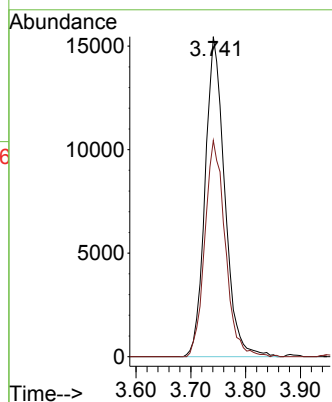
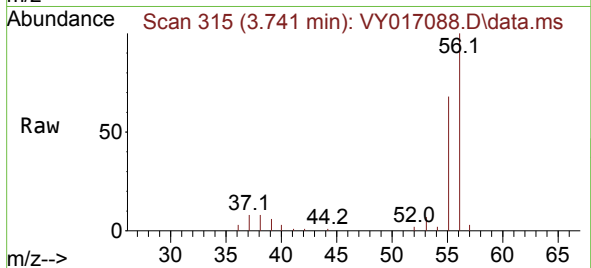
VSTDICCC050

Tgt Ion: 56 Resp: 38339

Ion Ratio Lower Upper

56 100

55 70.2 55.4 83.0



#14

Allyl chloride

Concen: 47.394 ug/l

RT: 4.497 min Scan# 439

Delta R.T. -0.000 min

Lab File: VY017088.D

Acq: 24 Jan 2024 11:49

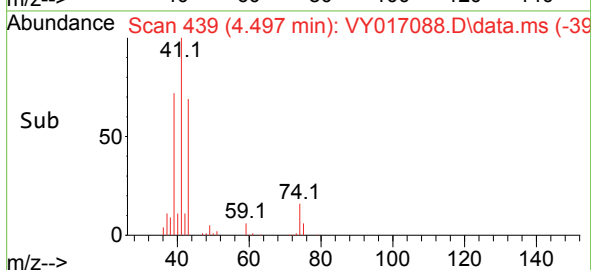
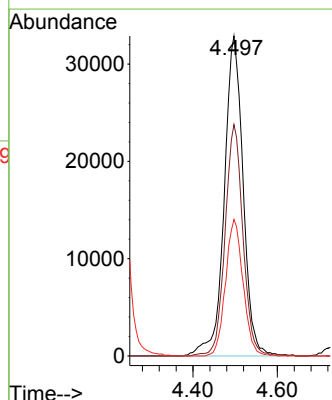
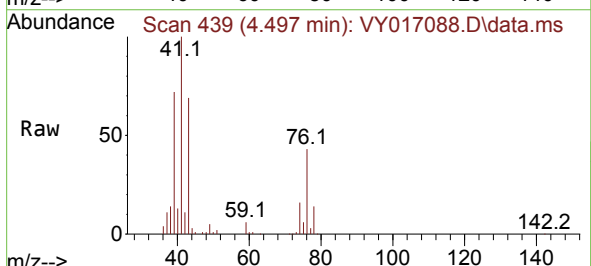
Tgt Ion: 41 Resp: 101871

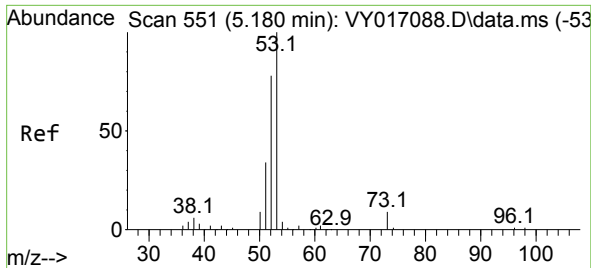
Ion Ratio Lower Upper

41 100

39 68.6 54.7 82.1

76 39.7 31.8 47.6

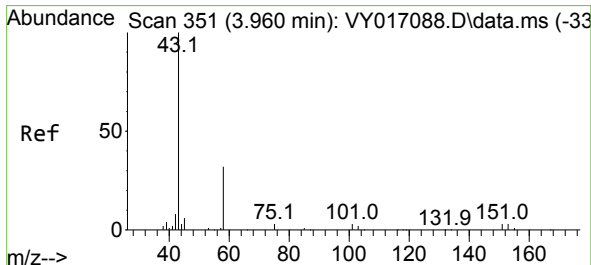
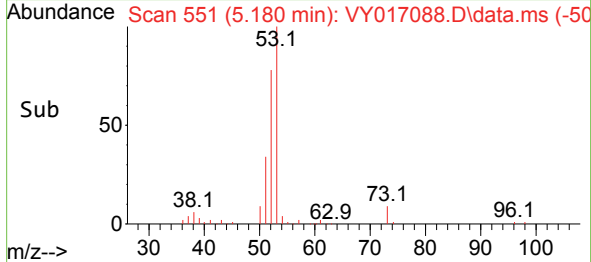
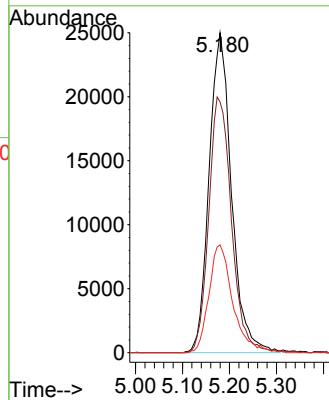
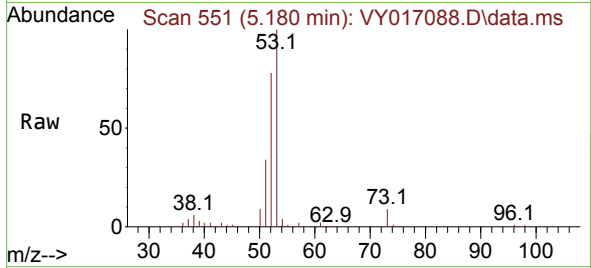




#15
Acrylonitrile
Concen: 238.280 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.001 min
Lab File: VY017088.D
Acq: 24 Jan 2024 11:49

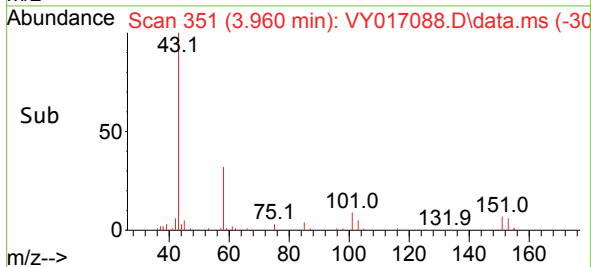
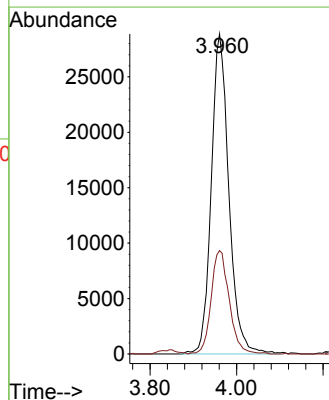
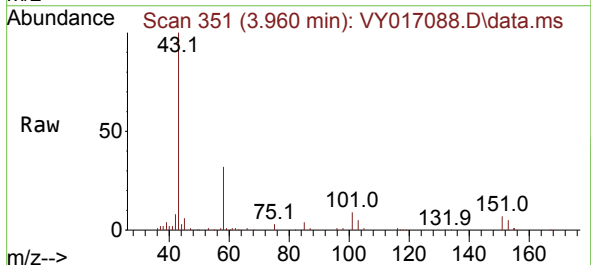
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

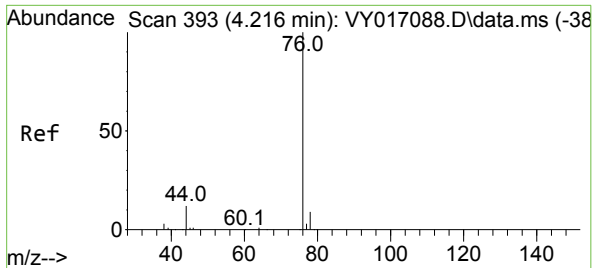
Tgt Ion:	53	Resp:	82756
Ion	Ratio	Lower	Upper
53	100		
52	81.1	65.1	97.7
51	36.0	29.0	43.4



#16
Acetone
Concen: 218.824 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY017088.D
Acq: 24 Jan 2024 11:49

Tgt Ion:	43	Resp:	81474
Ion	Ratio	Lower	Upper
43	100		
58	32.3	26.6	39.8





#17

Carbon Disulfide

Concen: 46.326 ug/l

RT: 4.216 min Scan# 393

Delta R.T. 0.006 min

Lab File: VY017088.D

Acq: 24 Jan 2024 11:49

Instrument :

MSVOA_Y

ClientSampleId :

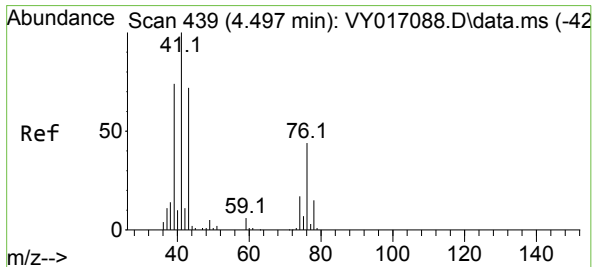
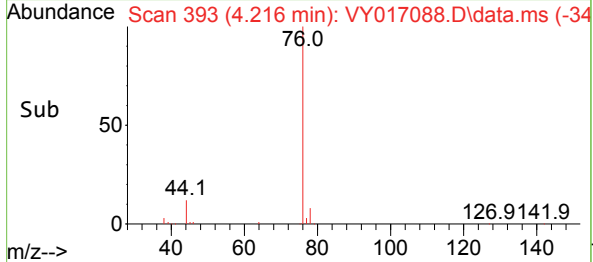
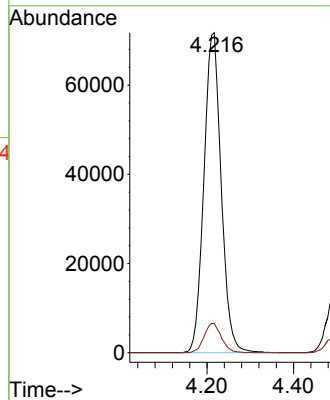
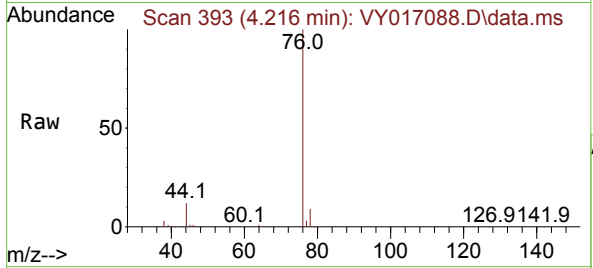
VSTDICCC050

Tgt Ion: 76 Resp: 198557

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0



#18

Methyl Acetate

Concen: 49.452 ug/l

RT: 4.497 min Scan# 439

Delta R.T. -0.000 min

Lab File: VY017088.D

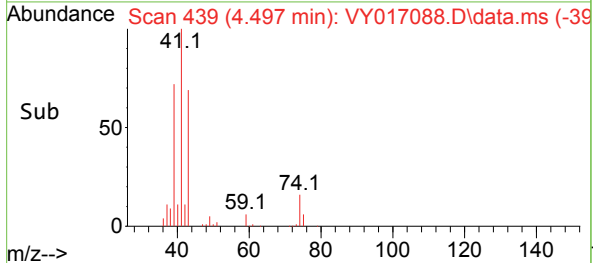
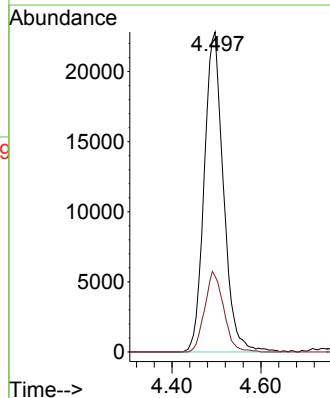
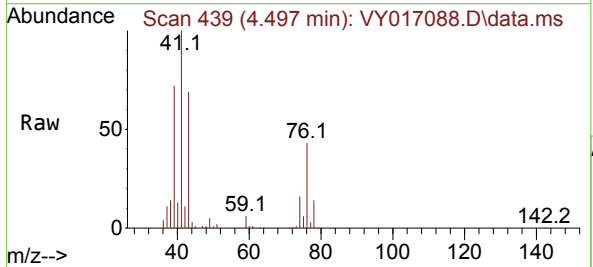
Acq: 24 Jan 2024 11:49

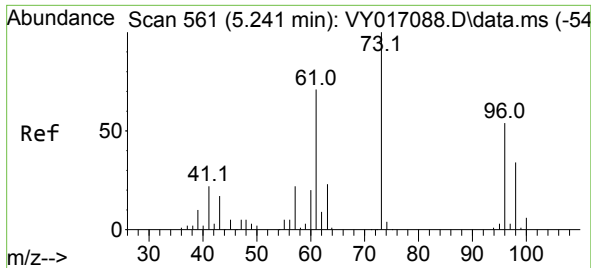
Tgt Ion: 43 Resp: 68650

Ion Ratio Lower Upper

43 100

74 24.8 19.8 29.6

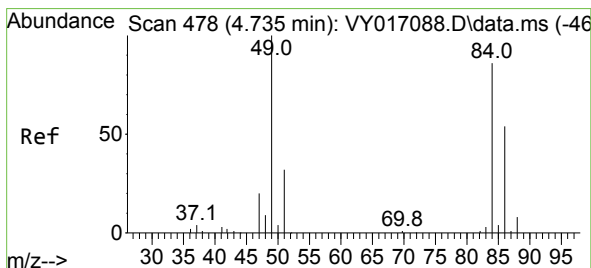
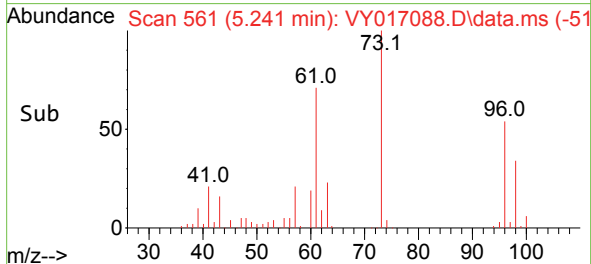
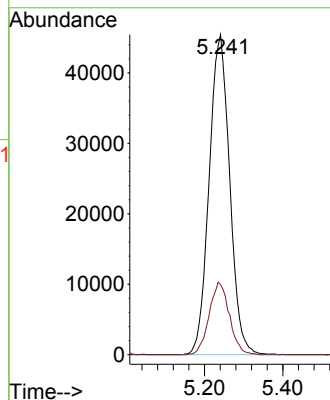
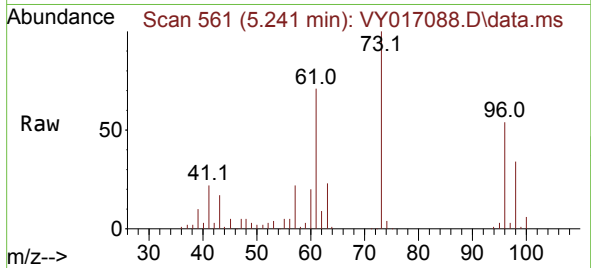




#19
Methyl tert-butyl Ether
Concen: 47.677 ug/l
RT: 5.241 min Scan# 50
Delta R.T. 0.007 min
Lab File: VY017088.D
Acq: 24 Jan 2024 11:49

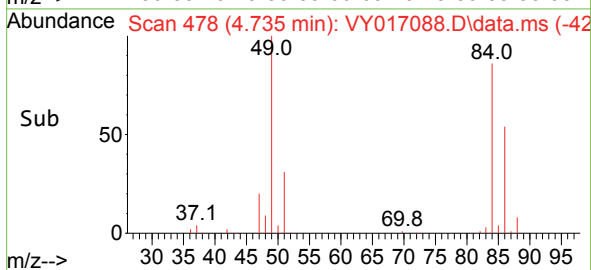
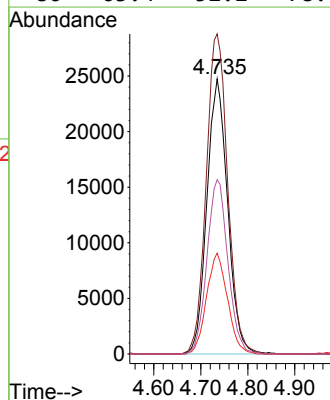
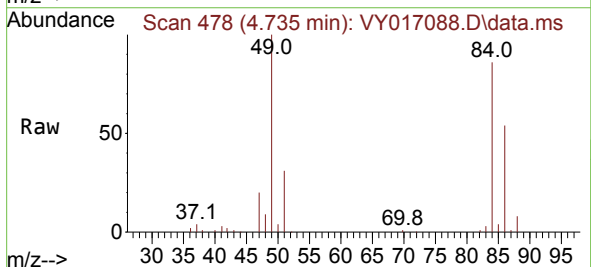
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

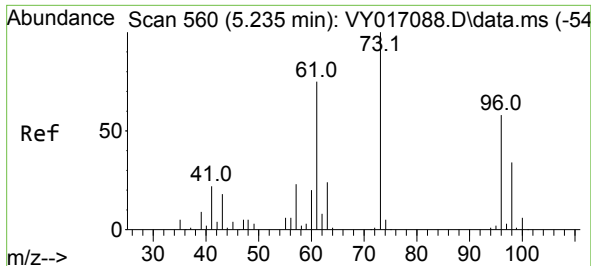
Tgt Ion: 73 Resp: 165451
Ion Ratio Lower Upper
73 100
57 21.9 17.7 26.5



#20
Methylene Chloride
Concen: 50.520 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.001 min
Lab File: VY017088.D
Acq: 24 Jan 2024 11:49

Tgt Ion: 84 Resp: 75925
Ion Ratio Lower Upper
84 100
49 116.4 95.2 142.8
51 36.7 29.9 44.9
86 63.4 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 47.080 ug/l

RT: 5.235 min Scan# 560

Delta R.T. -0.005 min

Lab File: VY017088.D

Acq: 24 Jan 2024 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

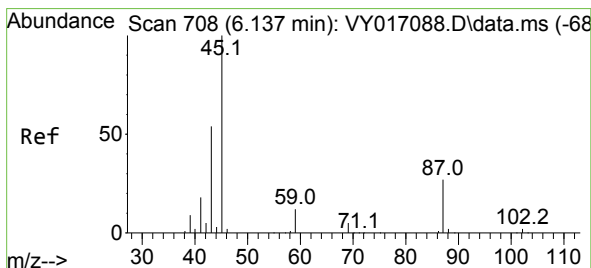
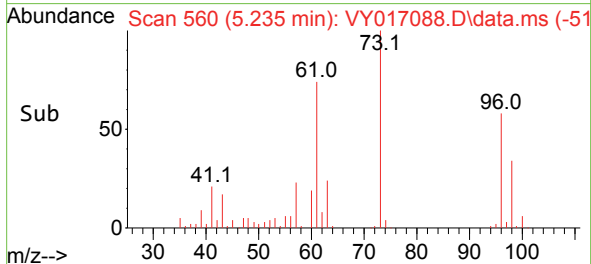
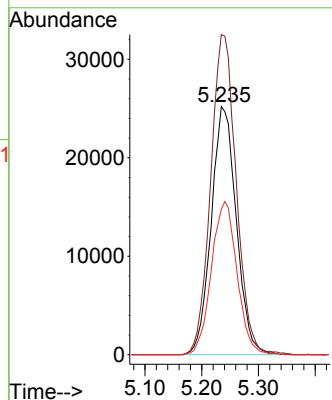
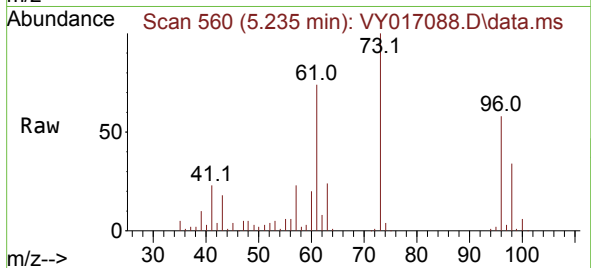
Tgt Ion: 96 Resp: 77442

Ion Ratio Lower Upper

96 100

61 128.9 104.6 156.8

98 58.5 50.9 76.3



#22

Diisopropyl ether

Concen: 48.670 ug/l

RT: 6.137 min Scan# 708

Delta R.T. 0.006 min

Lab File: VY017088.D

Acq: 24 Jan 2024 11:49

Tgt Ion: 45 Resp: 230918

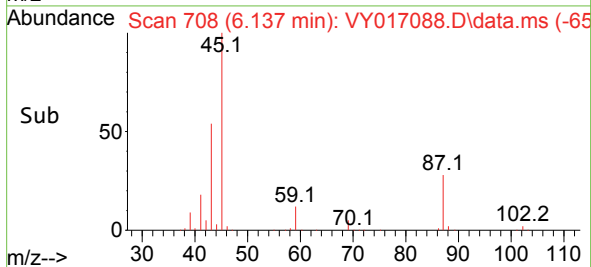
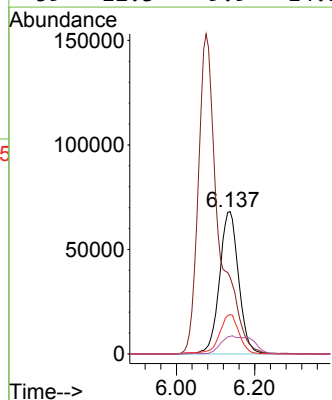
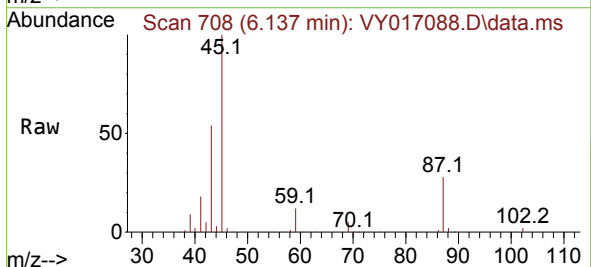
Ion Ratio Lower Upper

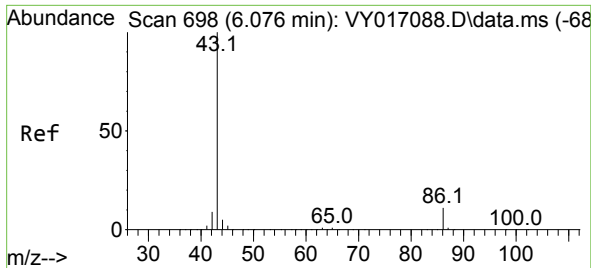
45 100

43 53.7 46.8 70.2

87 27.6 22.2 33.2

59 12.3 9.9 14.9

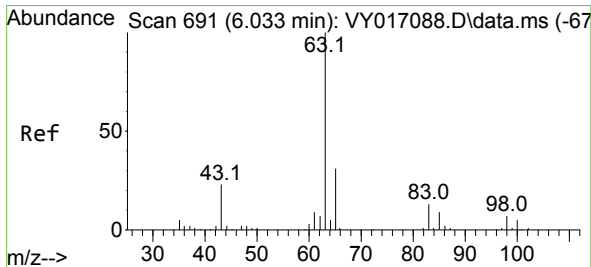
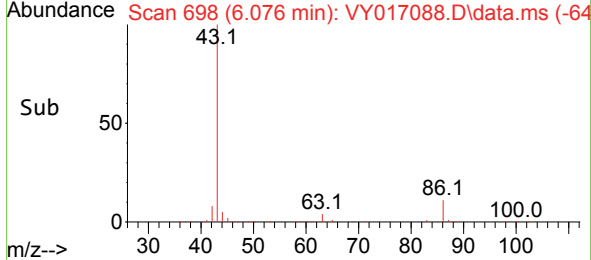
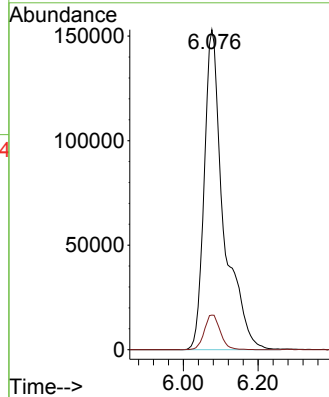
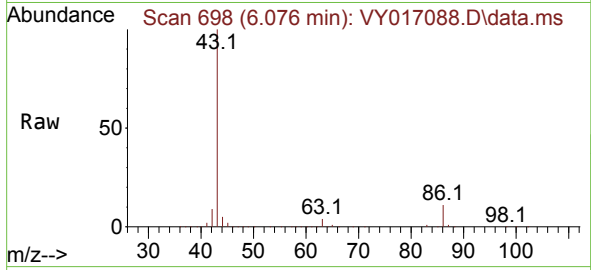




#23
 Vinyl Acetate
 Concen: 239.475 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. -0.000 min
 Lab File: VY017088.D
 Acq: 24 Jan 2024 11:49

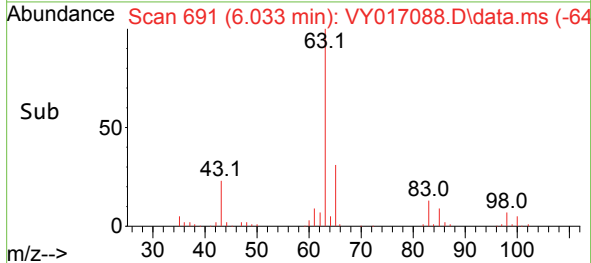
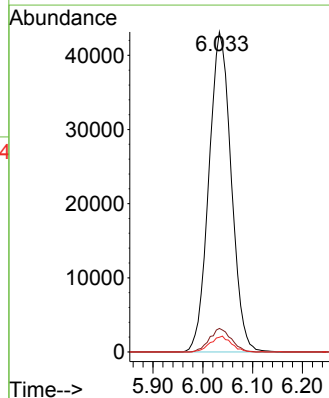
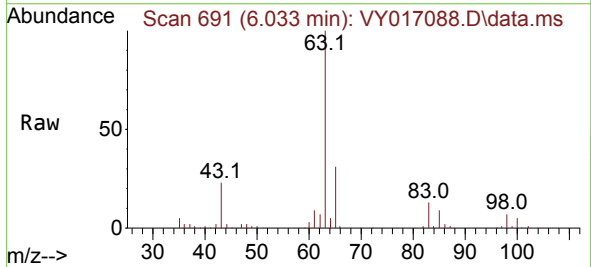
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

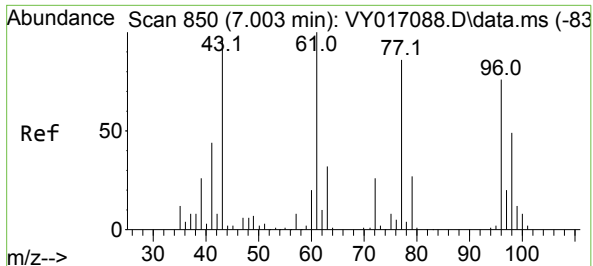
Tgt Ion: 43 Resp: 551152
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 46.459 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.000 min
 Lab File: VY017088.D
 Acq: 24 Jan 2024 11:49

Tgt Ion: 63 Resp: 134450
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.4
 100 4.6 2.1 6.2

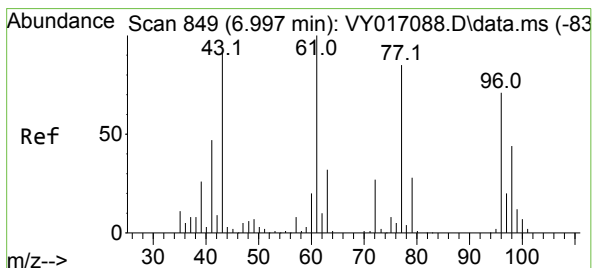
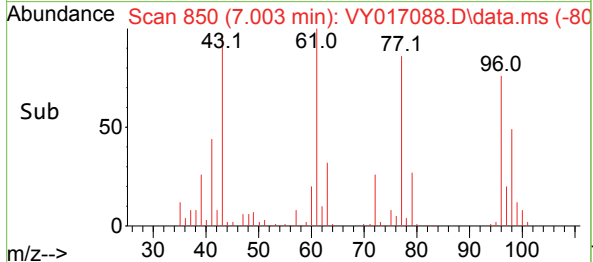
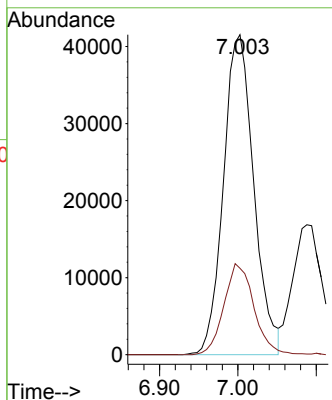
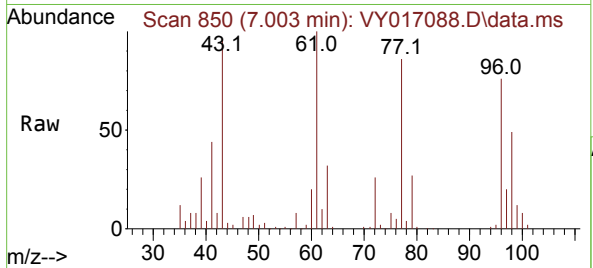




#25
2-Butanone
Concen: 219.871 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.007 min
Lab File: VY017088.D
Acq: 24 Jan 2024 11:49

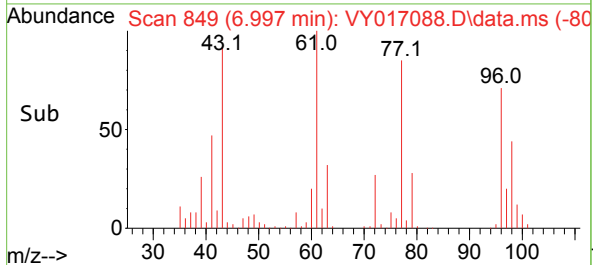
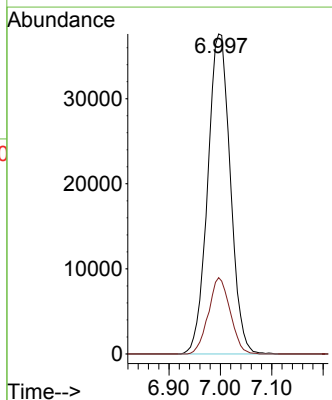
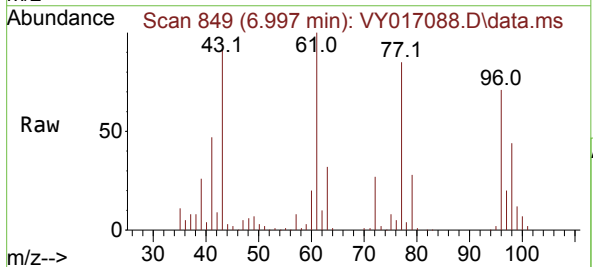
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

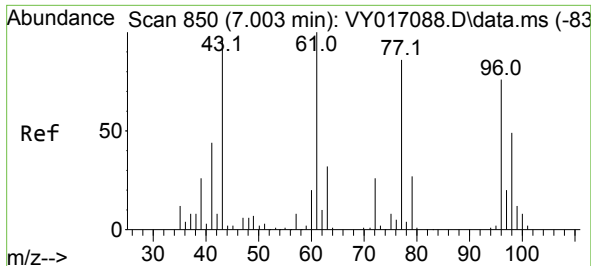
Tgt Ion: 43 Resp: 111799
Ion Ratio Lower Upper
43 100
72 27.0 21.4 32.2



#26
2,2-Dichloropropane
Concen: 46.474 ug/l
RT: 6.997 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY017088.D
Acq: 24 Jan 2024 11:49

Tgt Ion: 77 Resp: 114872
Ion Ratio Lower Upper
77 100
97 22.9 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 47.493 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.001 min

Lab File: VY017088.D

Acq: 24 Jan 2024 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

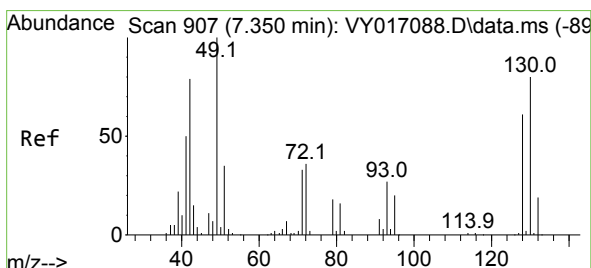
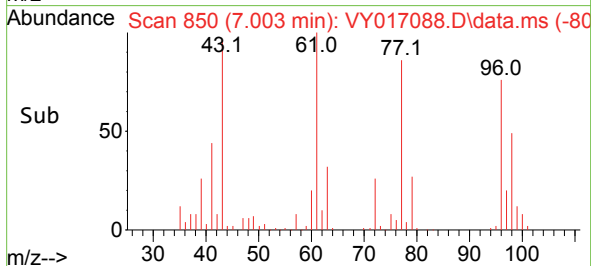
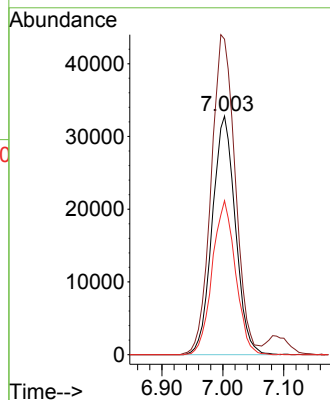
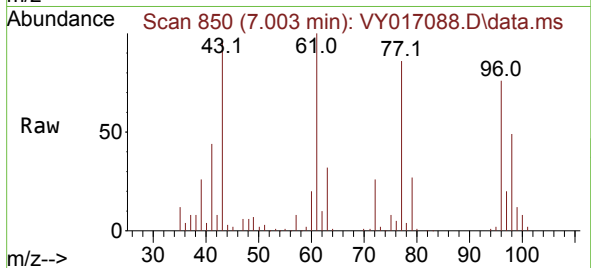
Tgt Ion: 96 Resp: 86571

Ion Ratio Lower Upper

96 100

61 140.0 0.0 278.8

98 64.7 0.0 127.0



#28

Bromochloromethane

Concen: 55.093 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY017088.D

Acq: 24 Jan 2024 11:49

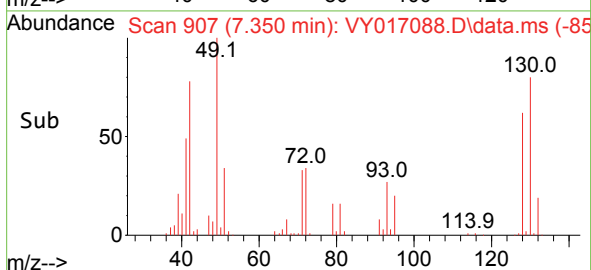
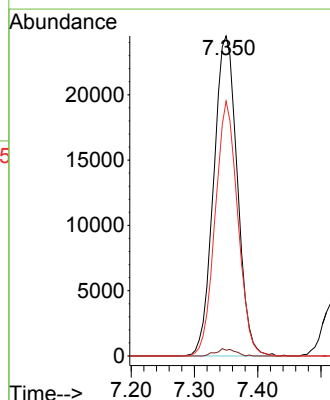
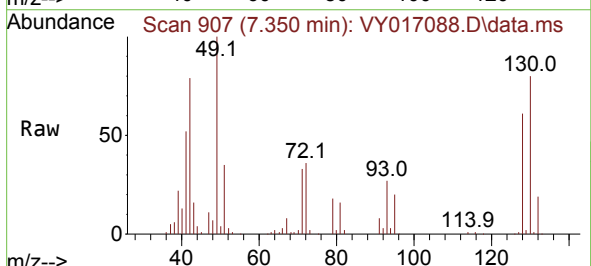
Tgt Ion: 49 Resp: 63473

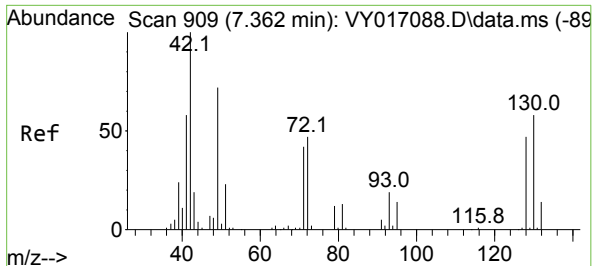
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 76.3 59.8 89.8





#29

Tetrahydrofuran

Concen: 245.708 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY017088.D

Acq: 24 Jan 2024 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

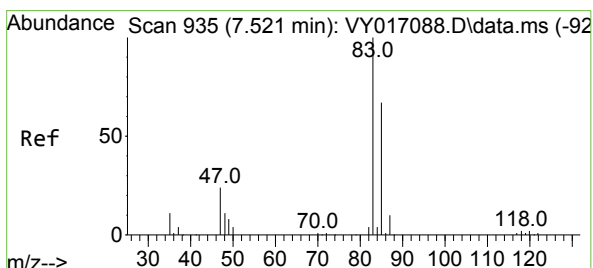
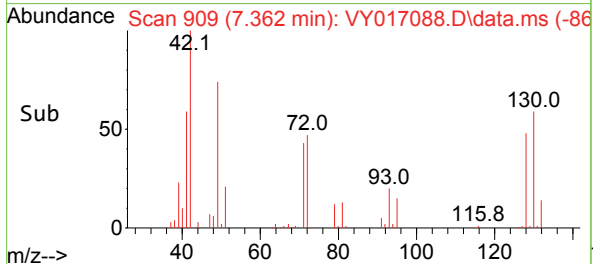
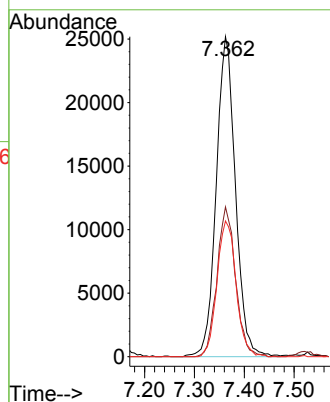
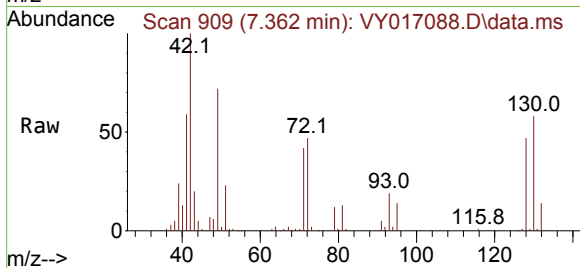
Tgt Ion: 42 Resp: 67422

Ion Ratio Lower Upper

42 100

72 45.2 36.6 54.8

71 42.2 33.8 50.6



#30

Chloroform

Concen: 46.589 ug/l

RT: 7.521 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY017088.D

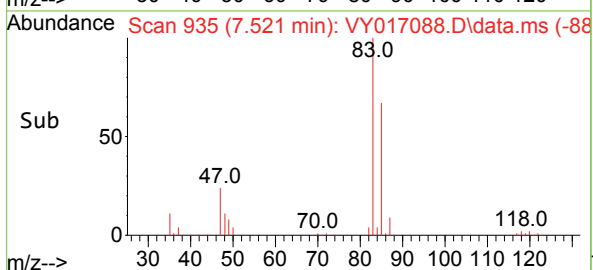
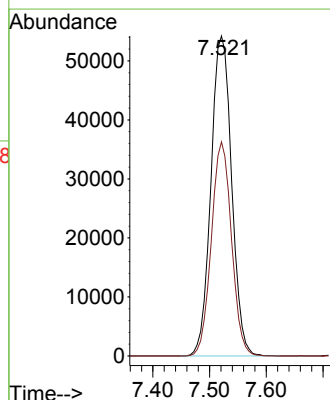
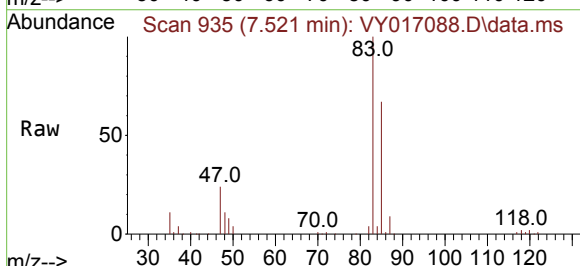
Acq: 24 Jan 2024 11:49

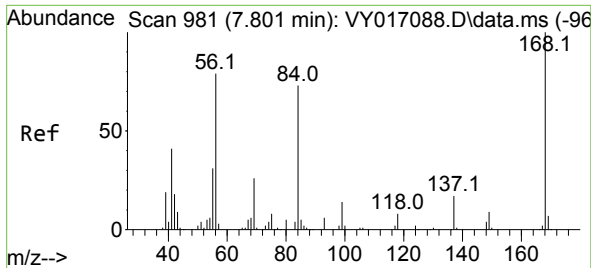
Tgt Ion: 83 Resp: 137287

Ion Ratio Lower Upper

83 100

85 66.9 51.2 76.8

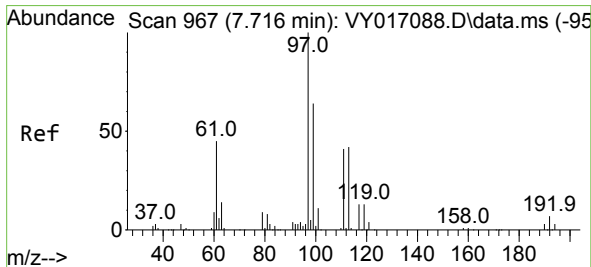
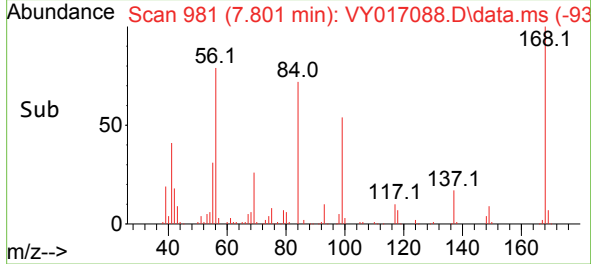
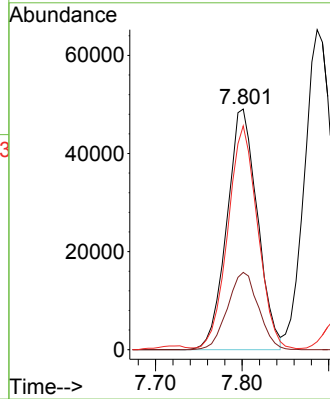
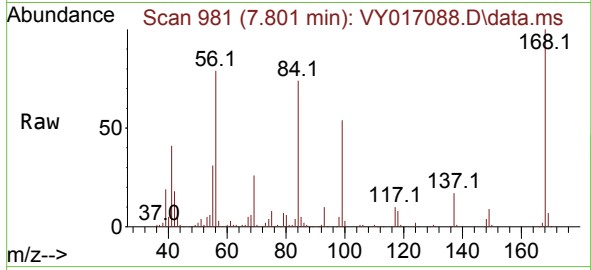




#31
Cyclohexane
Concen: 50.143 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY017088.D
Acq: 24 Jan 2024 11:49

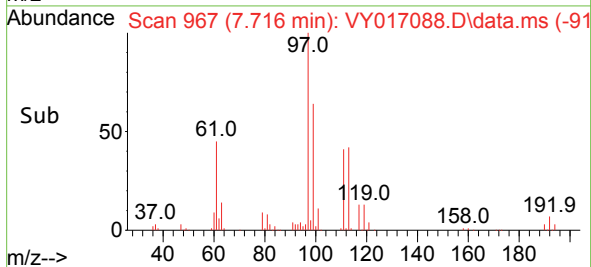
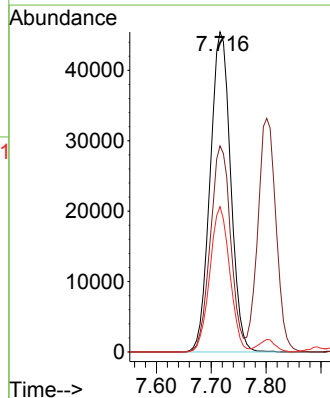
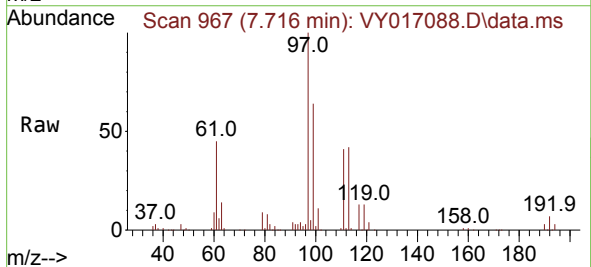
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

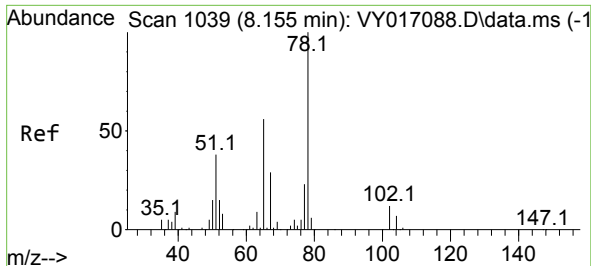
Tgt Ion: 56 Resp: 120360
Ion Ratio Lower Upper
56 100
69 32.1 27.0 40.6
84 91.4 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 46.662 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY017088.D
Acq: 24 Jan 2024 11:49

Tgt Ion: 97 Resp: 117909
Ion Ratio Lower Upper
97 100
99 63.8 51.2 76.8
61 44.3 35.0 52.6

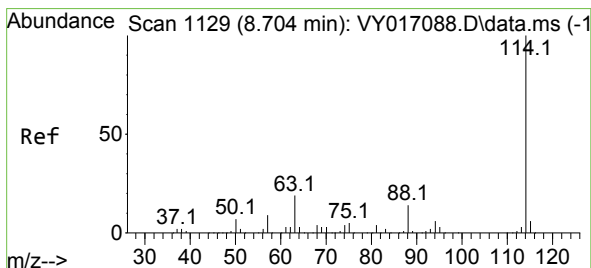
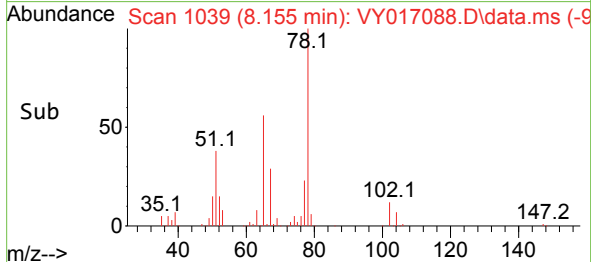
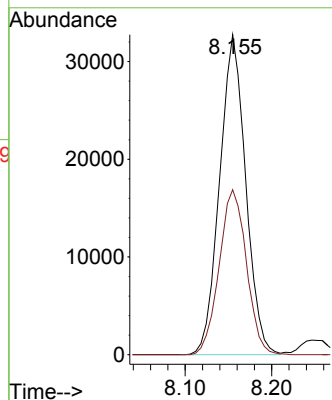
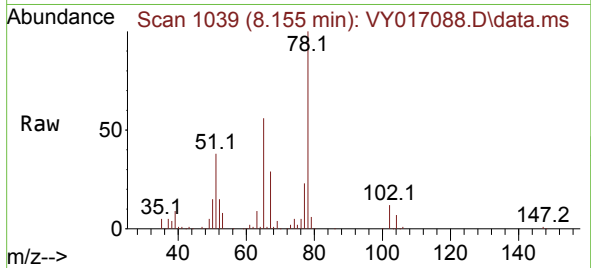




#33
1,2-Dichloroethane-d4
Concen: 50.589 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY017088.D
Acq: 24 Jan 2024 11:49

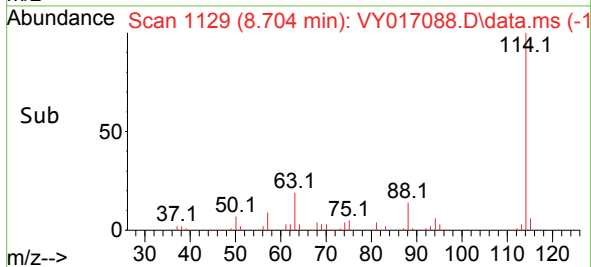
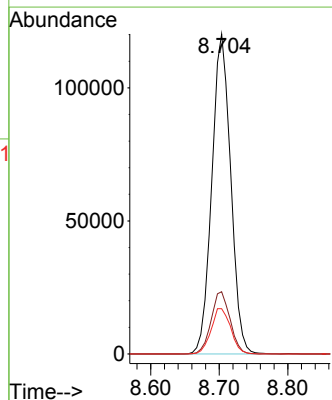
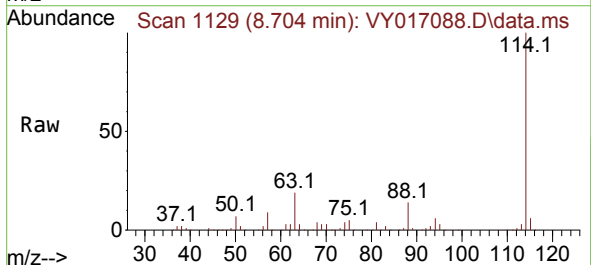
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

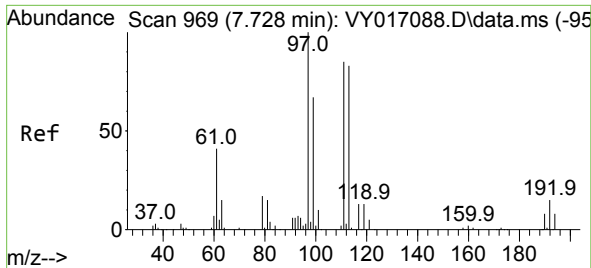
Tgt Ion: 65 Resp: 68458
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.704 min Scan# 1129
Delta R.T. 0.001 min
Lab File: VY017088.D
Acq: 24 Jan 2024 11:49

Tgt Ion:114 Resp: 229725
Ion Ratio Lower Upper
114 100
63 19.5 0.0 37.4
88 14.2 0.0 29.0

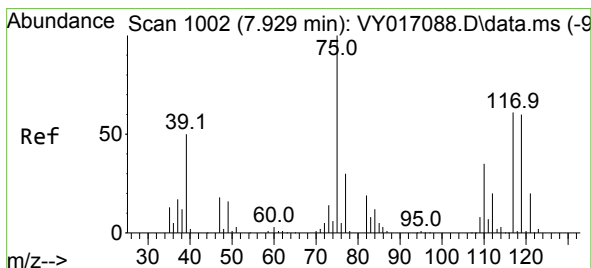
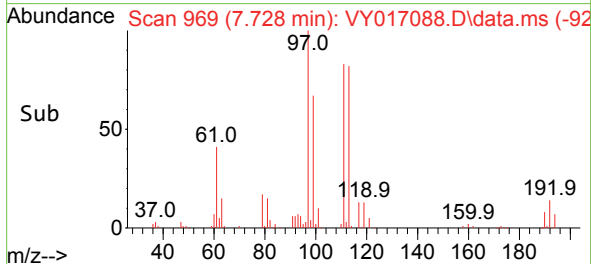
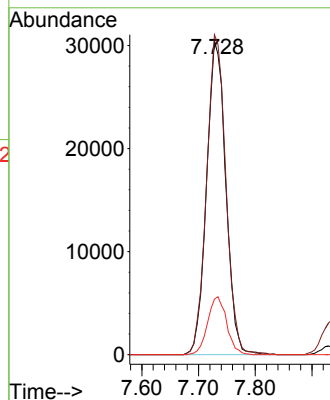
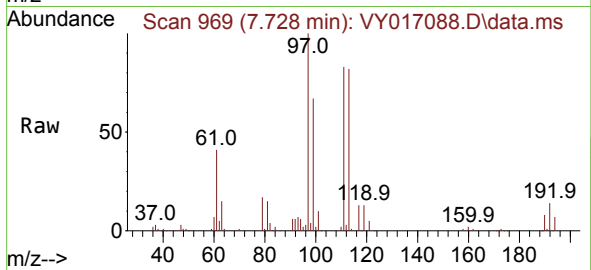




#35
Dibromofluoromethane
Concen: 51.718 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY017088.D
Acq: 24 Jan 2024 11:49

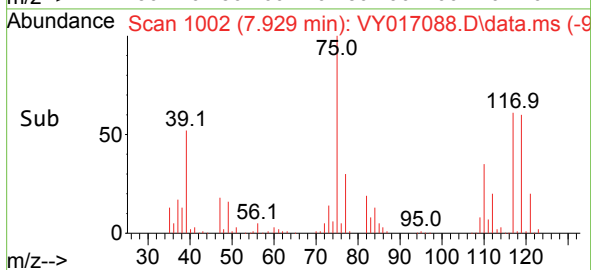
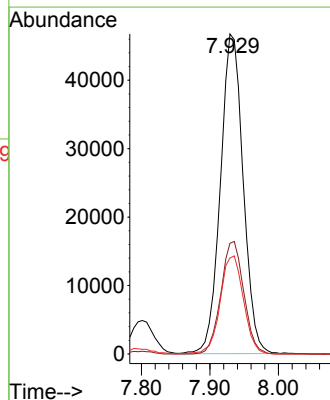
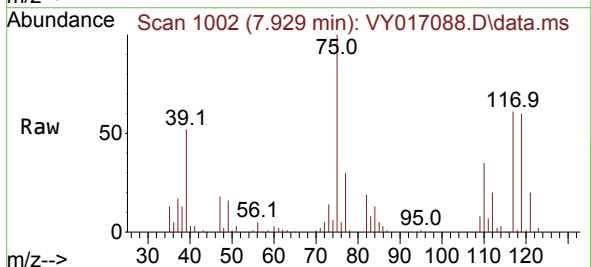
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

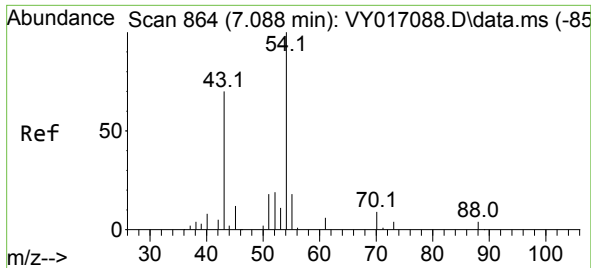
Tgt Ion:113 Resp: 71706
Ion Ratio Lower Upper
113 100
111 102.4 83.8 125.6
192 18.3 14.5 21.7



#36
1,1-Dichloropropene
Concen: 47.146 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY017088.D
Acq: 24 Jan 2024 11:49

Tgt Ion: 75 Resp: 107551
Ion Ratio Lower Upper
75 100
110 35.3 17.4 52.3
77 31.4 24.7 37.1

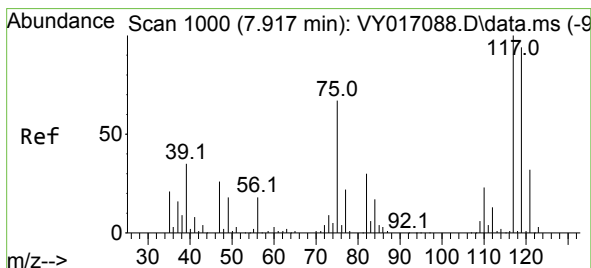
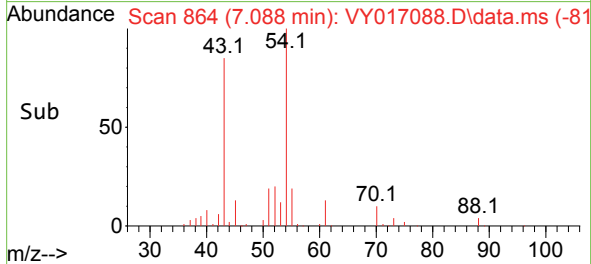
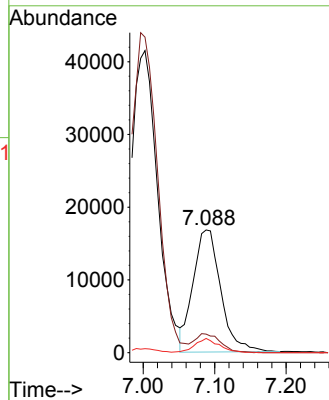
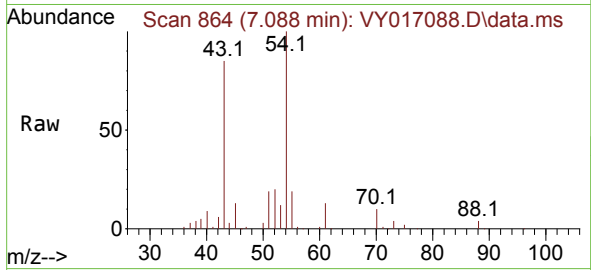




#37
Ethyl Acetate
Concen: 45.999 ug/l
RT: 7.088 min Scan# 864
Delta R.T. -0.000 min
Lab File: VY017088.D
Acq: 24 Jan 2024 11:49

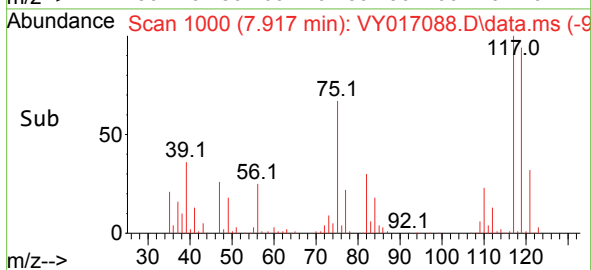
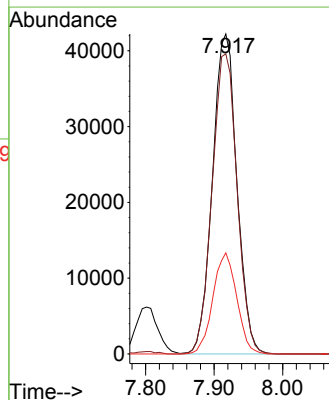
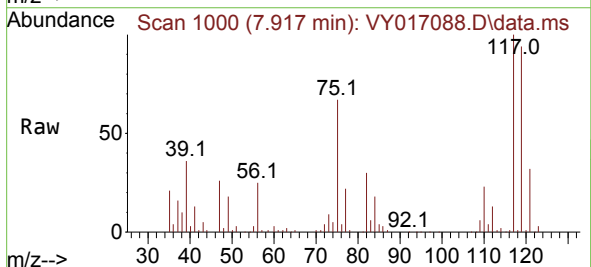
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

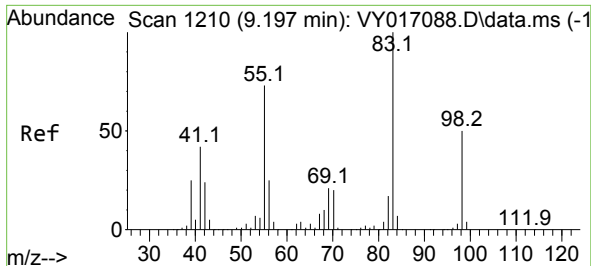
Tgt Ion: 43	Resp:	45120
Ion	Ratio	Lower Upper
43	100	
61	14.4	11.0 16.6
70	10.4	8.1 12.1



#38
Carbon Tetrachloride
Concen: 46.740 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY017088.D
Acq: 24 Jan 2024 11:49

Tgt Ion: 117	Resp:	104488
Ion	Ratio	Lower Upper
117	100	
119	93.8	76.0 114.0
121	31.6	24.2 36.2





#39

Methylcyclohexane

Concen: 48.936 ug/l

RT: 9.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017088.D

Acq: 24 Jan 2024 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

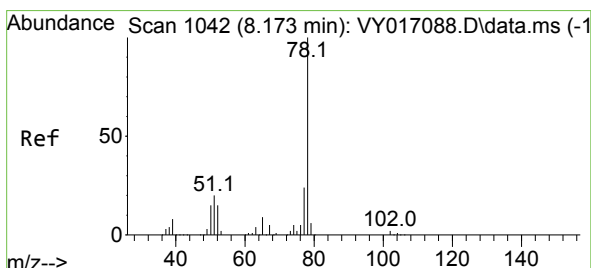
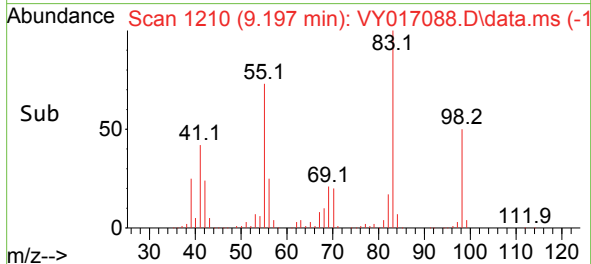
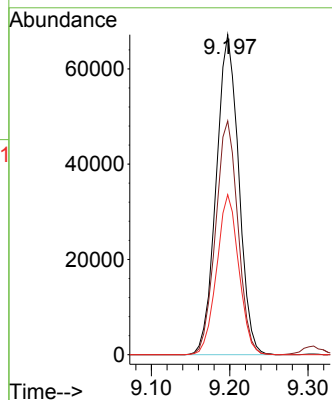
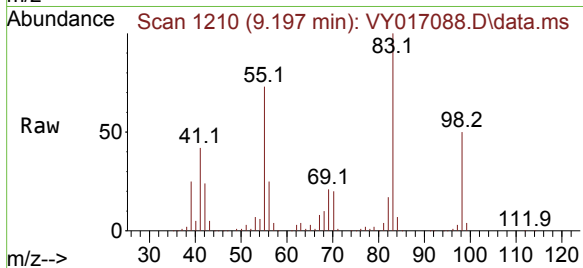
Tgt Ion: 83 Resp: 134268

Ion Ratio Lower Upper

83 100

55 73.1 59.7 89.5

98 50.0 38.0 57.0



#40

Benzene

Concen: 47.951 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VY017088.D

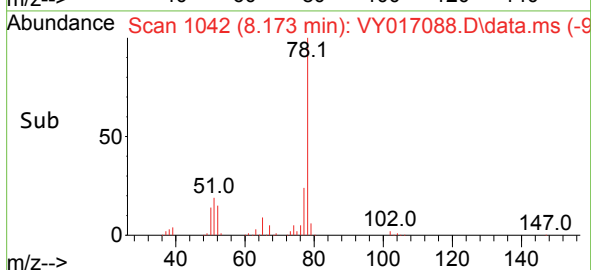
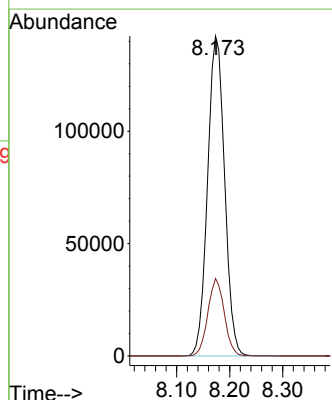
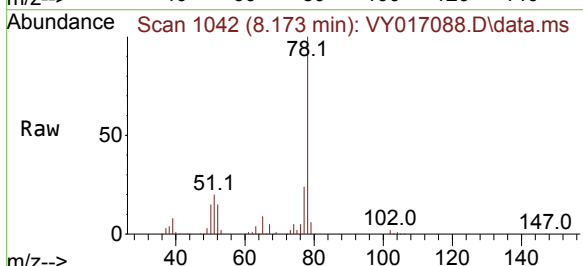
Acq: 24 Jan 2024 11:49

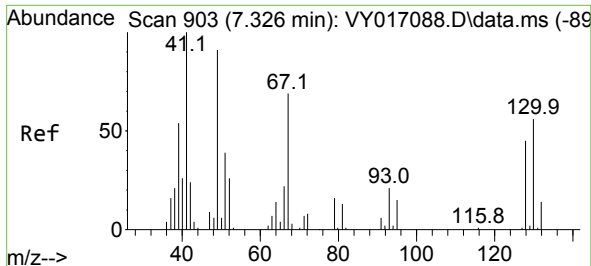
Tgt Ion: 78 Resp: 317676

Ion Ratio Lower Upper

78 100

77 24.2 18.8 28.2



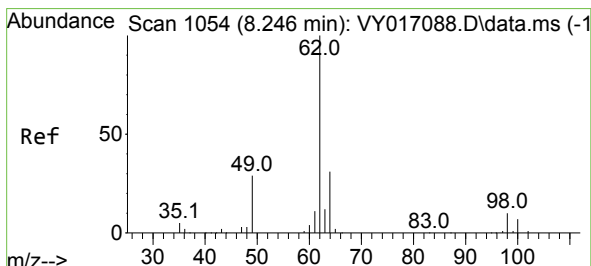
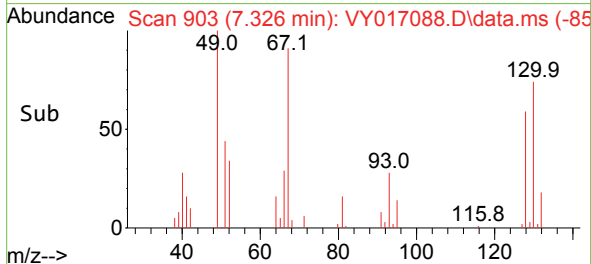
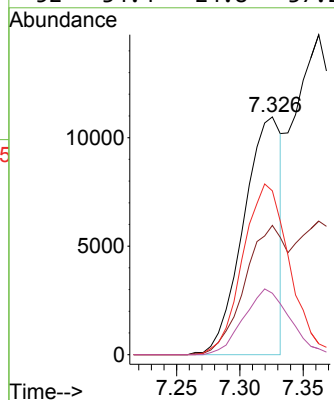
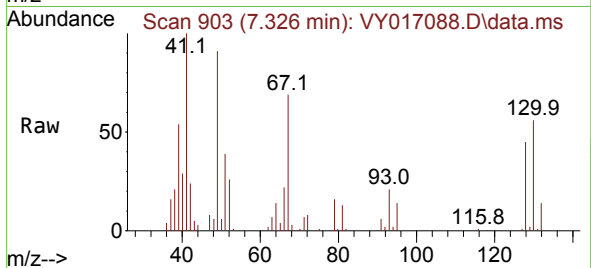


#41
Methacrylonitrile
Concen: 43.273 ug/l
RT: 7.326 min Scan# 903
Delta R.T. 0.007 min
Lab File: VY017088.D
Acq: 24 Jan 2024 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 22701

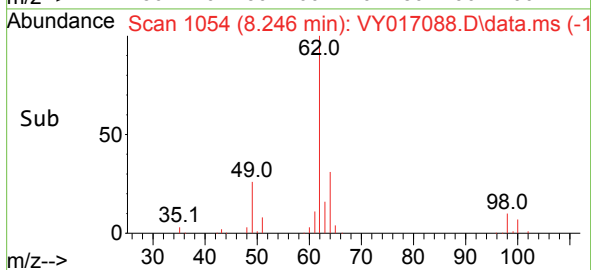
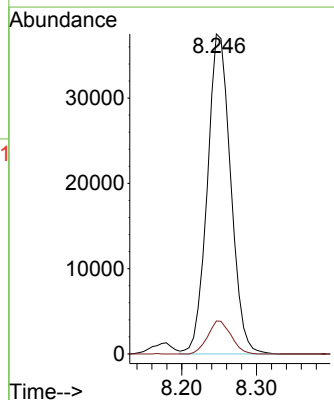
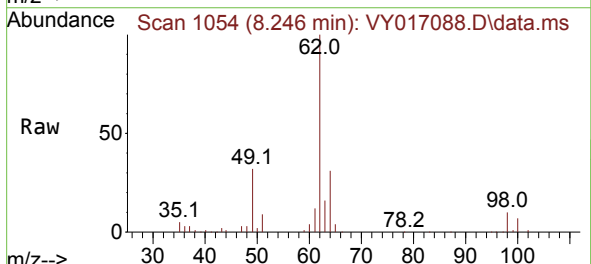
Ion	Ratio	Lower	Upper
41	100		
39	60.3	41.9	62.9
67	89.6	59.8	89.6
52	34.4	24.8	37.2

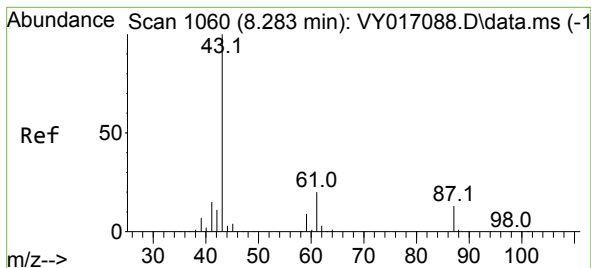


#42
1,2-Dichloroethane
Concen: 47.481 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VY017088.D
Acq: 24 Jan 2024 11:49

Tgt Ion: 62 Resp: 81552

Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.2





#43

Isopropyl Acetate

Concen: 48.590 ug/l

RT: 8.283 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VY017088.D

Acq: 24 Jan 2024 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

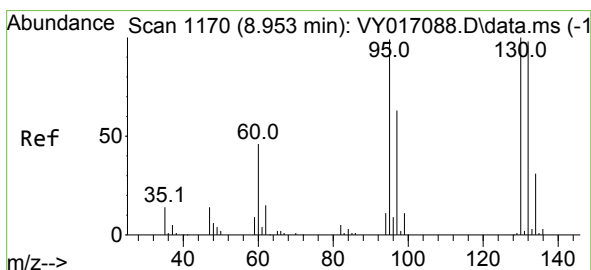
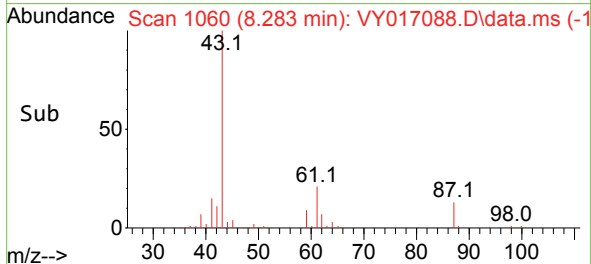
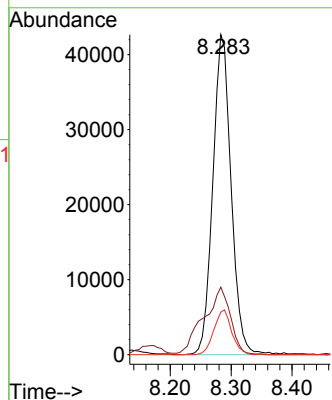
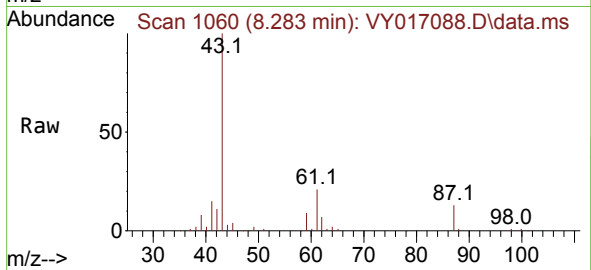
Tgt Ion: 43 Resp: 88976

Ion Ratio Lower Upper

43 100

61 30.9 24.8 37.2

87 13.6 10.7 16.1



#44

Trichloroethene

Concen: 47.129 ug/l

RT: 8.953 min Scan# 1170

Delta R.T. 0.006 min

Lab File: VY017088.D

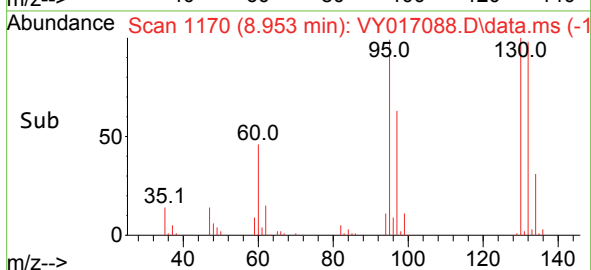
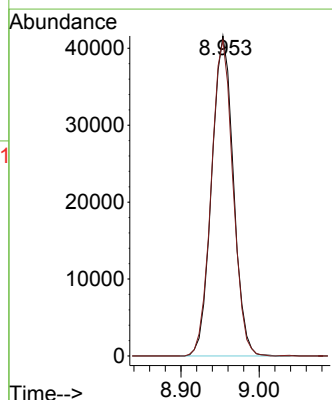
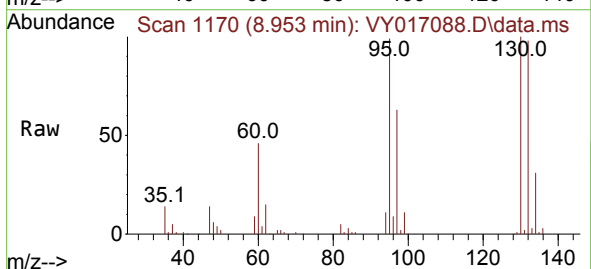
Acq: 24 Jan 2024 11:49

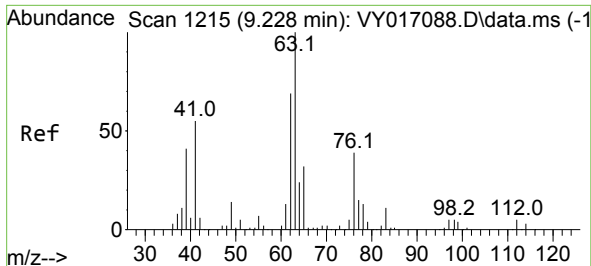
Tgt Ion:130 Resp: 80081

Ion Ratio Lower Upper

130 100

95 98.6 0.0 203.8





#45

1,2-Dichloropropane

Concen: 47.970 ug/l

RT: 9.228 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VY017088.D

Acq: 24 Jan 2024 11:49

Instrument :

MSVOA_Y

ClientSampleId :

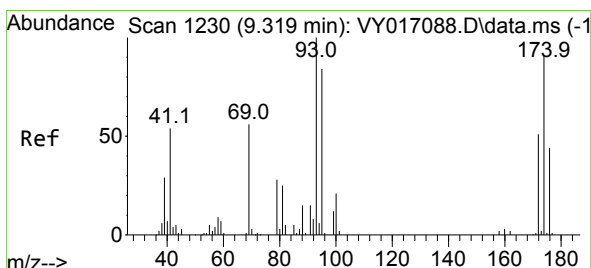
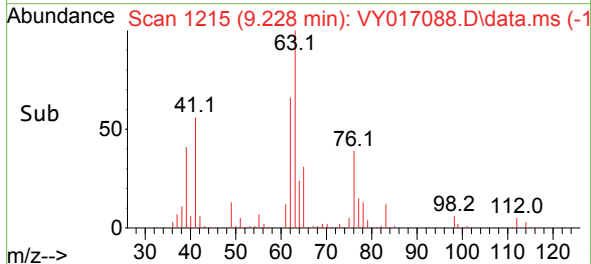
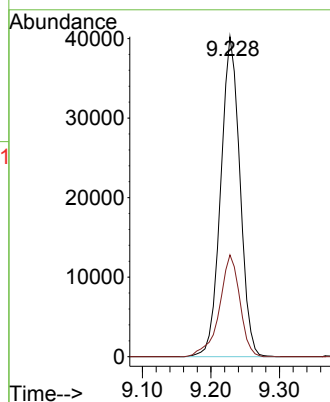
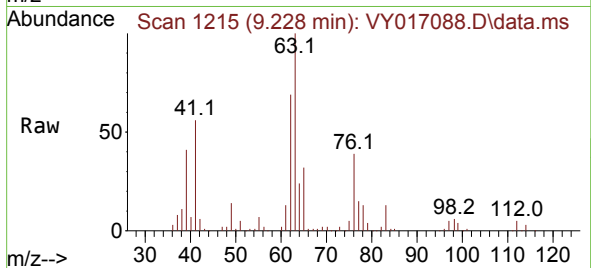
VSTDICCC050

Tgt Ion: 63 Resp: 78002

Ion Ratio Lower Upper

63 100

65 31.8 24.6 36.8



#46

Dibromomethane

Concen: 47.472 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.006 min

Lab File: VY017088.D

Acq: 24 Jan 2024 11:49

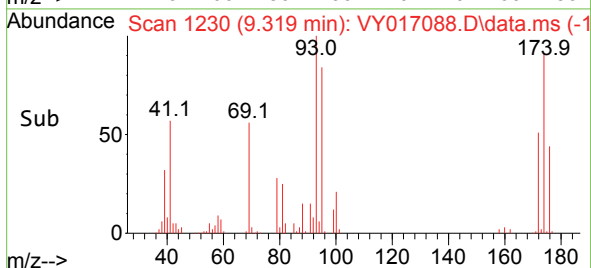
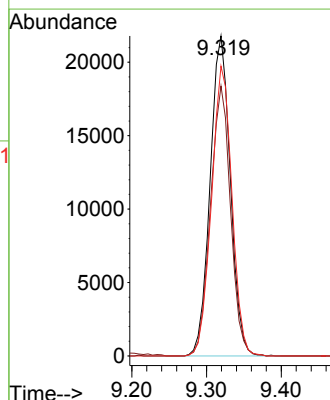
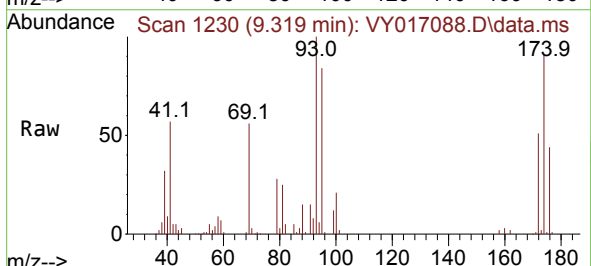
Tgt Ion: 93 Resp: 40995

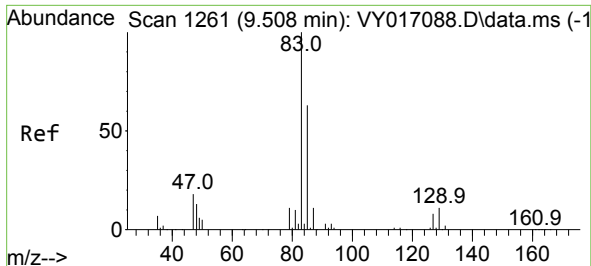
Ion Ratio Lower Upper

93 100

95 83.8 66.6 99.8

174 91.4 73.8 110.6

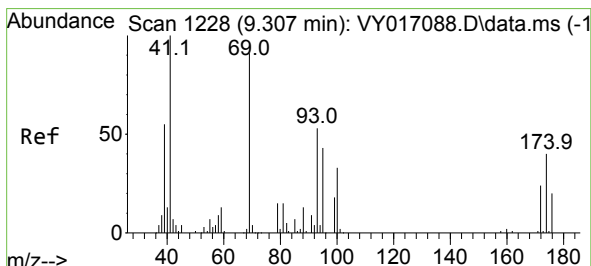
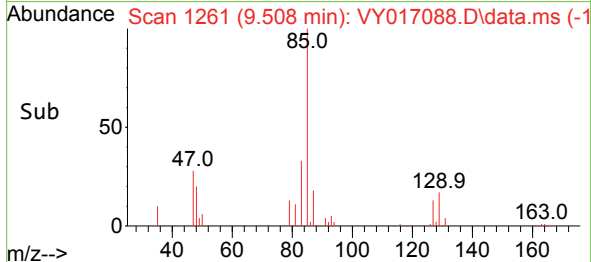
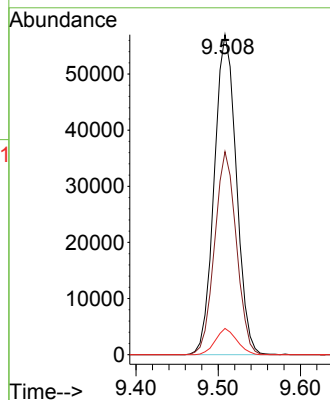
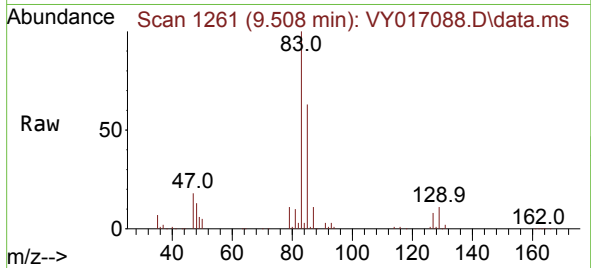




#47
Bromodichloromethane
Concen: 48.412 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VY017088.D
Acq: 24 Jan 2024 11:49

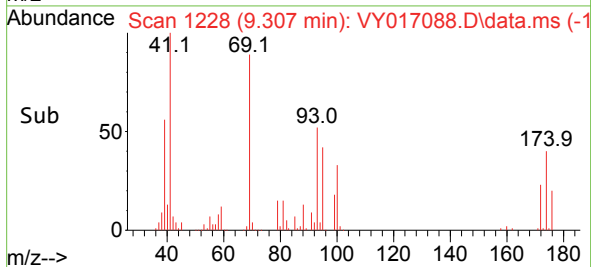
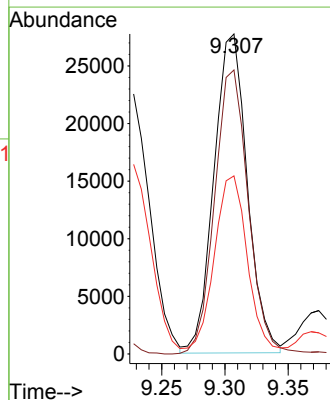
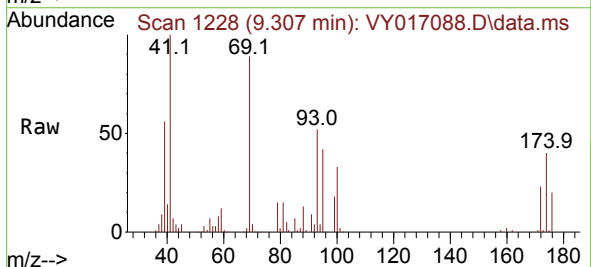
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

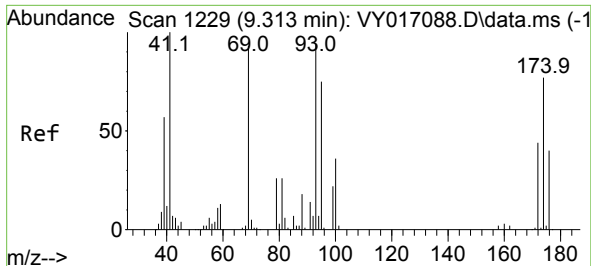
Tgt Ion: 83 Resp: 106360
Ion Ratio Lower Upper
83 100
85 63.5 53.2 79.8
127 8.2 6.4 9.6



#48
Methyl methacrylate
Concen: 50.033 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY017088.D
Acq: 24 Jan 2024 11:49

Tgt Ion: 41 Resp: 50870
Ion Ratio Lower Upper
41 100
69 90.2 72.1 108.1
39 52.4 42.8 64.2

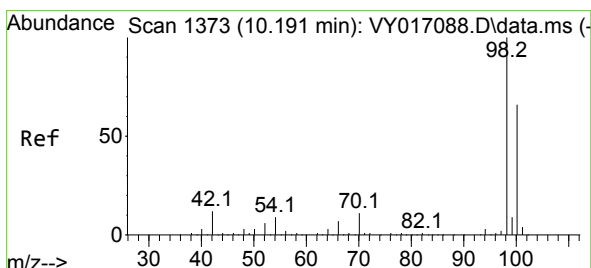
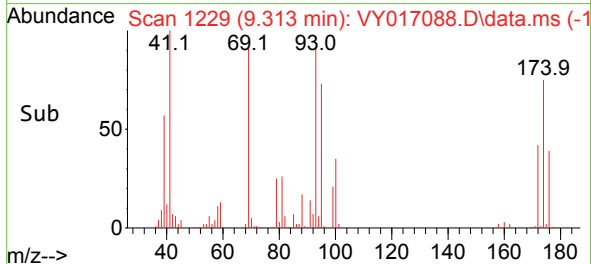
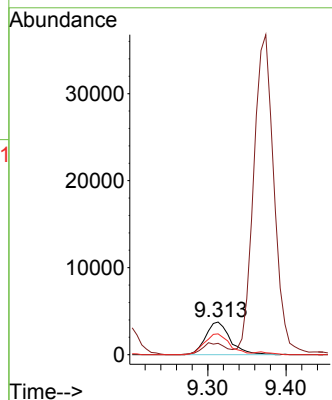
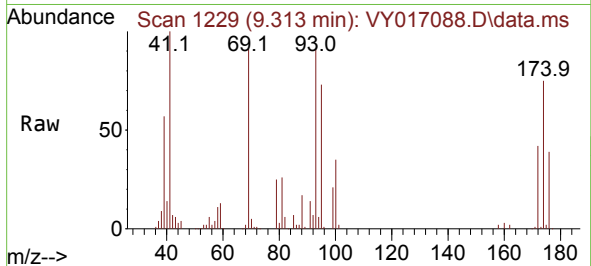




#49
1,4-Dioxane
Concen: 966.878 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VY017088.D
Acq: 24 Jan 2024 11:49

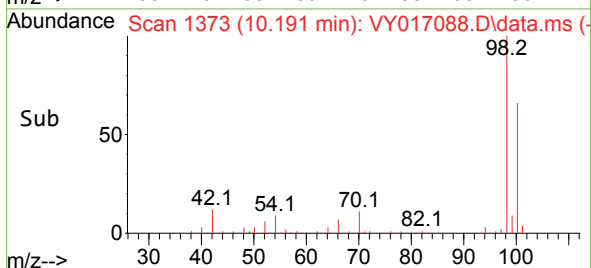
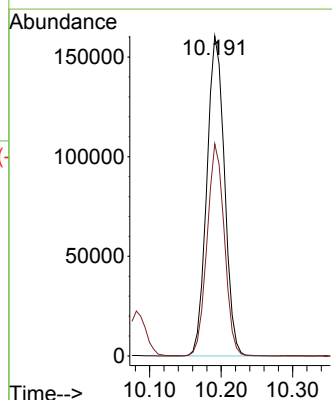
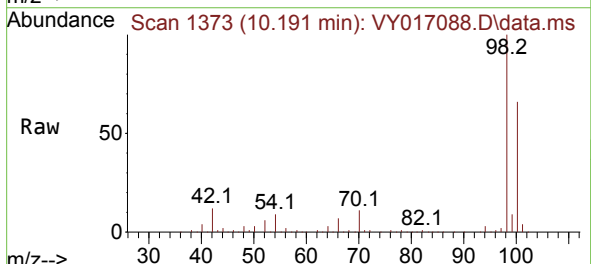
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

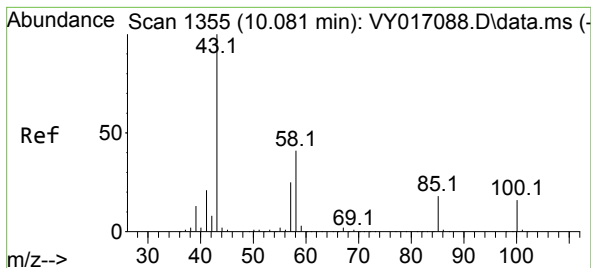
Tgt Ion: 88 Resp: 8212
Ion Ratio Lower Upper
88 100
43 35.0 28.2 42.4
58 65.5 52.2 78.2



#50
Toluene-d8
Concen: 52.564 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.000 min
Lab File: VY017088.D
Acq: 24 Jan 2024 11:49

Tgt Ion: 98 Resp: 275267
Ion Ratio Lower Upper
98 100
100 65.1 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 244.780 ug/l

RT: 10.081 min Scan# 1355

Delta R.T. 0.000 min

Lab File: VY017088.D

Acq: 24 Jan 2024 11:49

Instrument :

MSVOA_Y

ClientSampleId :

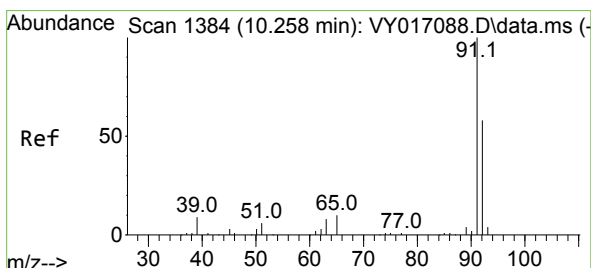
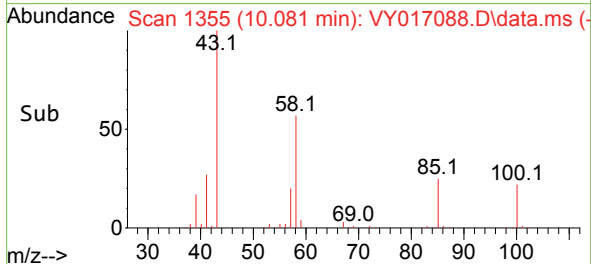
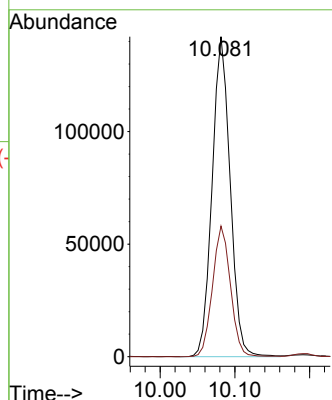
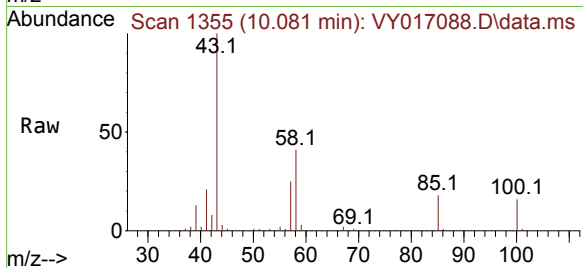
VSTDICCC050

Tgt Ion: 43 Resp: 238438

Ion Ratio Lower Upper

43 100

58 40.6 32.2 48.2



#52

Toluene

Concen: 48.798 ug/l

RT: 10.258 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VY017088.D

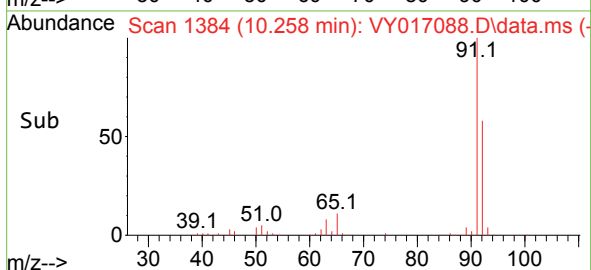
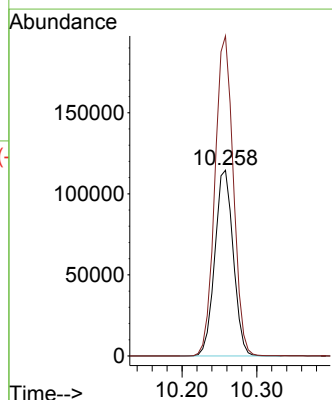
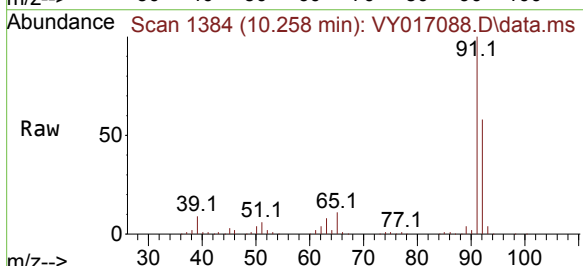
Acq: 24 Jan 2024 11:49

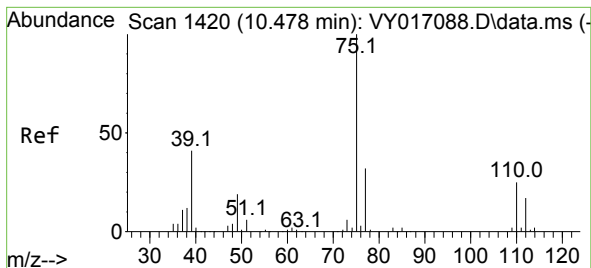
Tgt Ion: 92 Resp: 195674

Ion Ratio Lower Upper

92 100

91 172.3 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 49.030 ug/l

RT: 10.478 min Scan# 1420

Delta R.T. 0.007 min

Lab File: VY017088.D

Acq: 24 Jan 2024 11:49

Instrument :

MSVOA_Y

ClientSampleId :

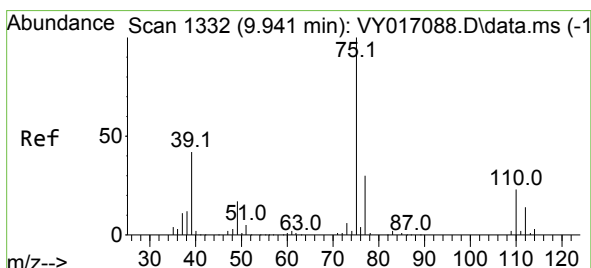
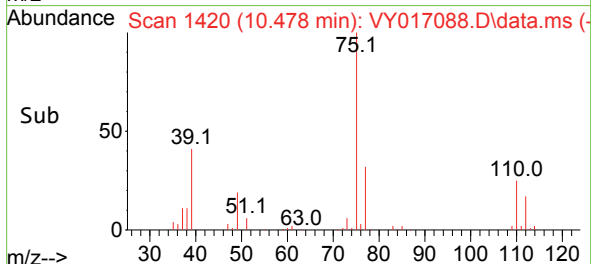
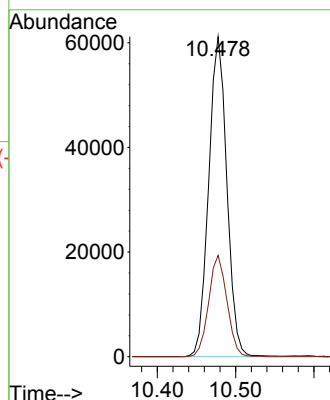
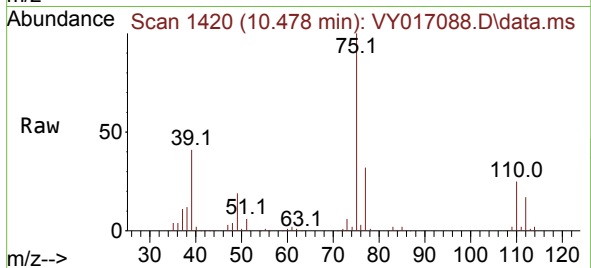
VSTDICCC050

Tgt Ion: 75 Resp: 98402

Ion Ratio Lower Upper

75 100

77 31.6 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 48.877 ug/l

RT: 9.941 min Scan# 1332

Delta R.T. 0.000 min

Lab File: VY017088.D

Acq: 24 Jan 2024 11:49

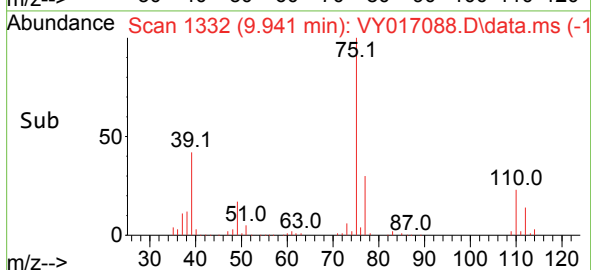
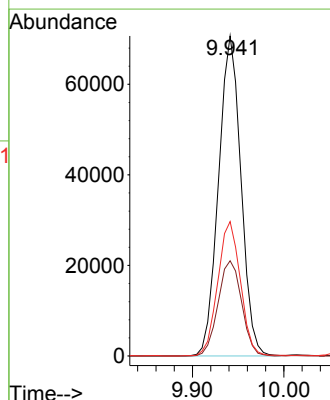
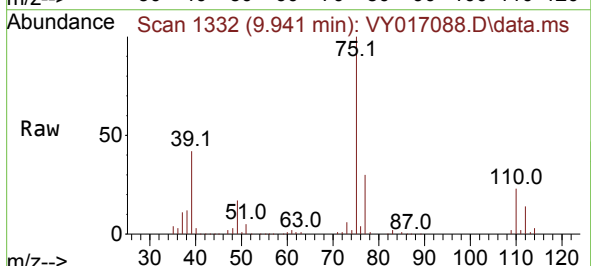
Tgt Ion: 75 Resp: 120648

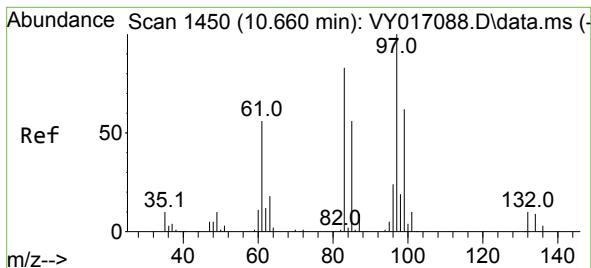
Ion Ratio Lower Upper

75 100

77 29.7 24.6 36.8

39 42.0 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 47.804 ug/l

RT: 10.660 min Scan# 1450

Delta R.T. 0.006 min

Lab File: VY017088.D

Acq: 24 Jan 2024 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 57697

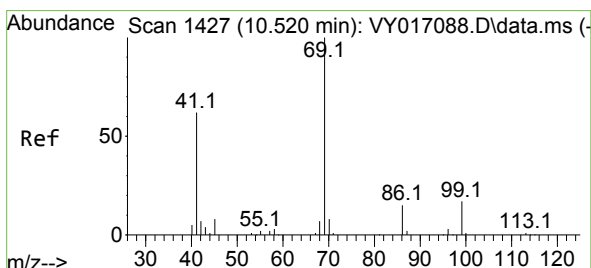
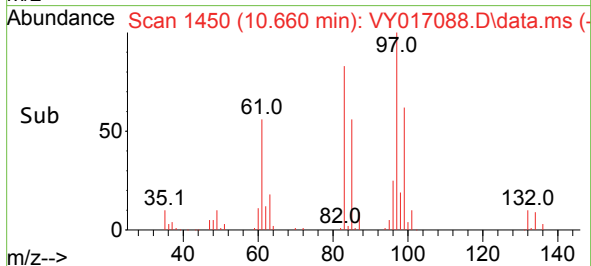
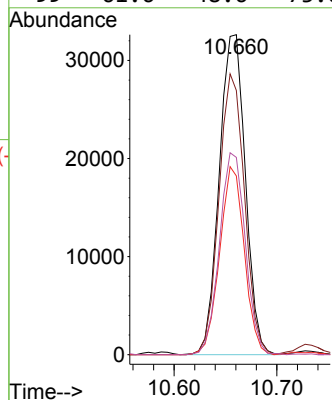
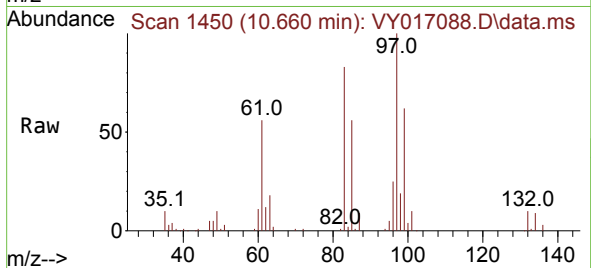
Ion Ratio Lower Upper

97 100

83 82.6 69.4 104.2

85 55.9 43.9 65.9

99 61.6 48.6 73.0



#56

Ethyl methacrylate

Concen: 50.603 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VY017088.D

Acq: 24 Jan 2024 11:49

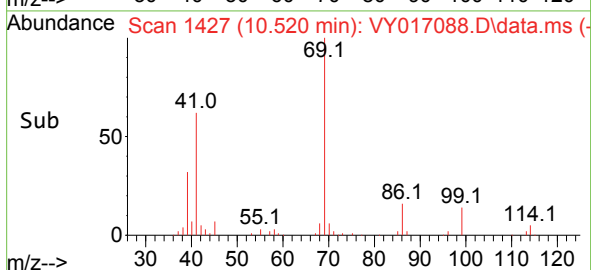
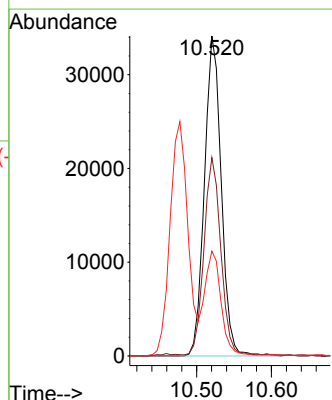
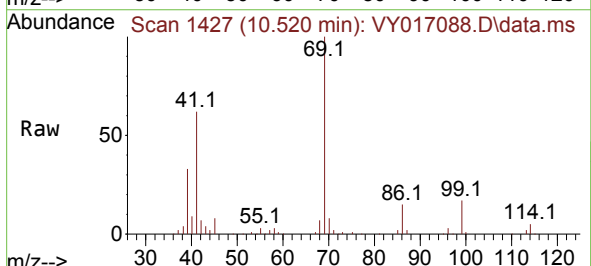
Tgt Ion: 69 Resp: 53409

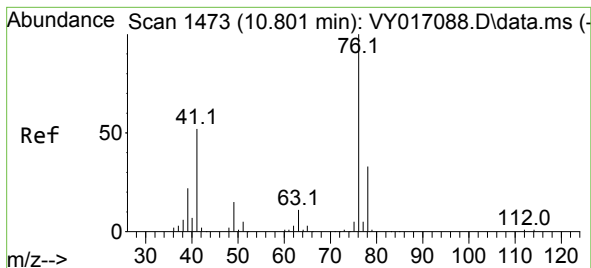
Ion Ratio Lower Upper

69 100

41 62.2 49.2 73.8

39 31.2 26.8 40.2





#57

1,3-Dichloropropane

Concen: 48.779 ug/l

RT: 10.801 min Scan# 1473

Delta R.T. 0.001 min

Lab File: VY017088.D

Acq: 24 Jan 2024 11:49

Instrument :

MSVOA_Y

ClientSampleId :

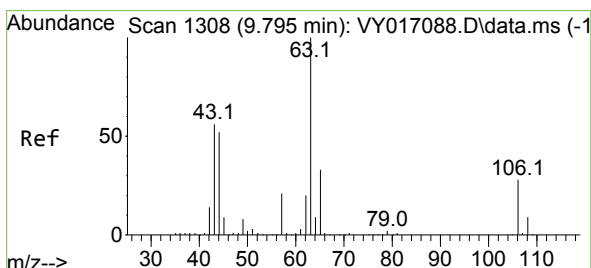
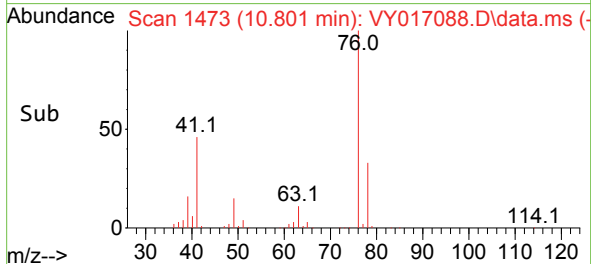
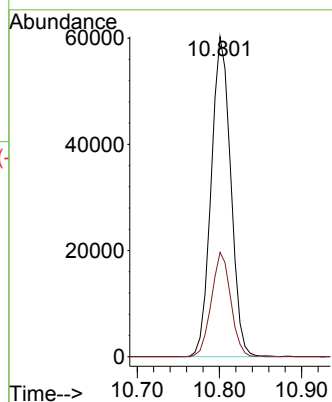
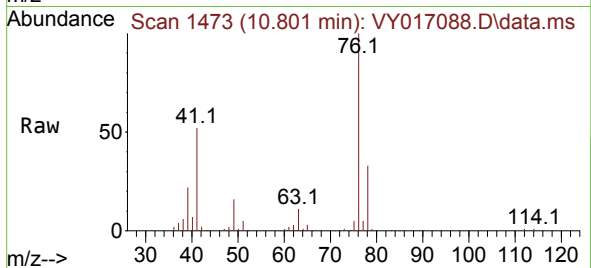
VSTDICCC050

Tgt Ion: 76 Resp: 99537

Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 275.772 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. 0.007 min

Lab File: VY017088.D

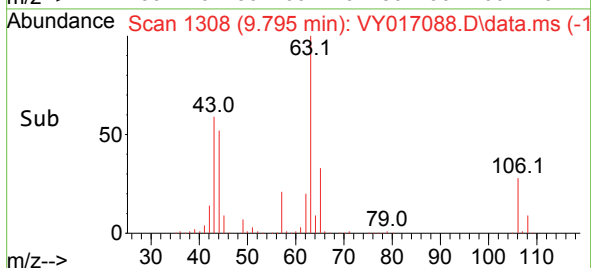
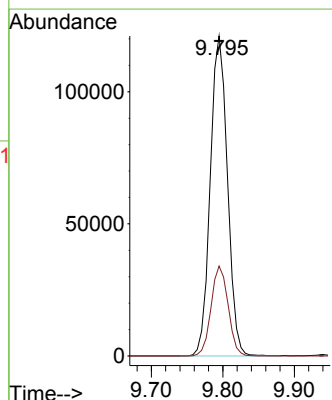
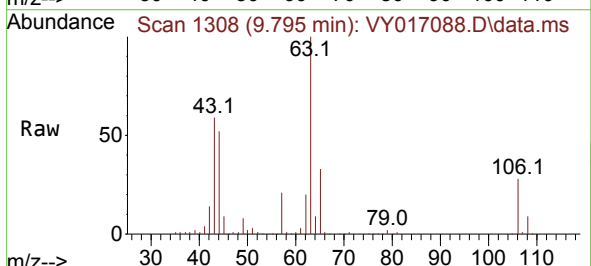
Acq: 24 Jan 2024 11:49

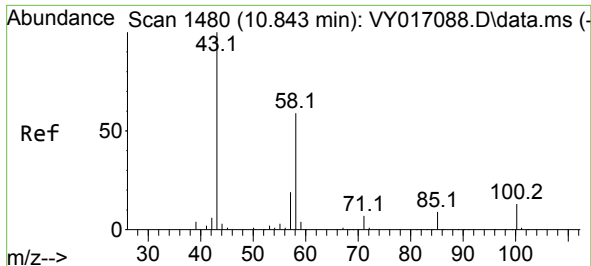
Tgt Ion: 63 Resp: 202043

Ion Ratio Lower Upper

63 100

106 27.8 22.4 33.6

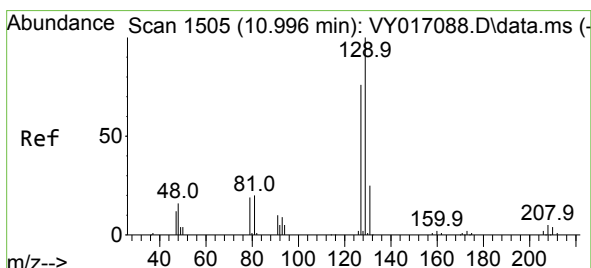
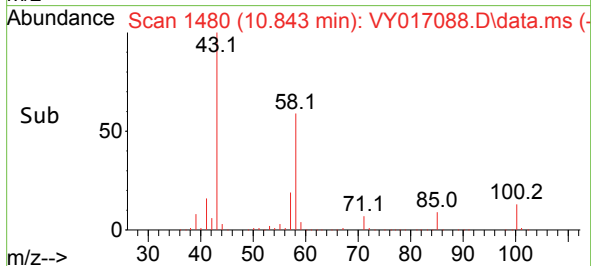
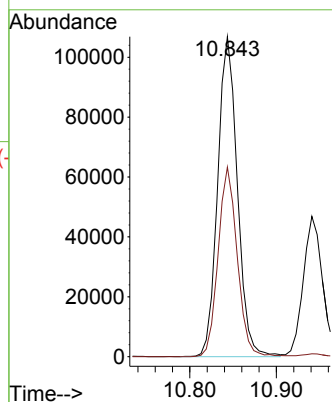
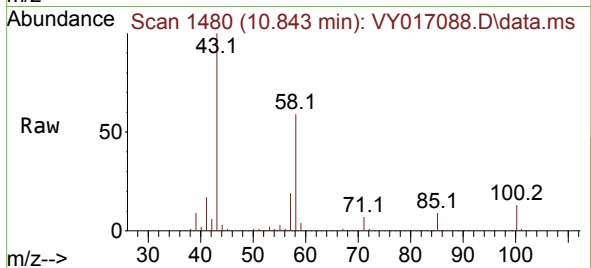




#59
2-Hexanone
Concen: 227.120 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VY017088.D
Acq: 24 Jan 2024 11:49

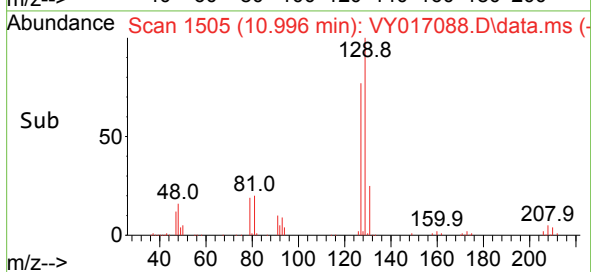
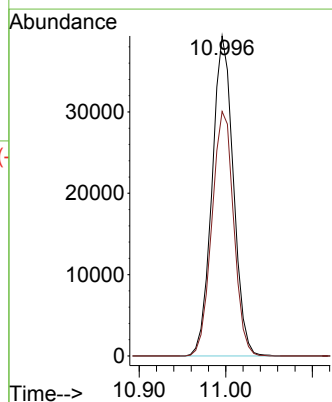
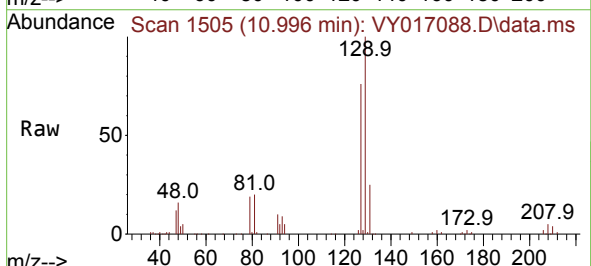
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

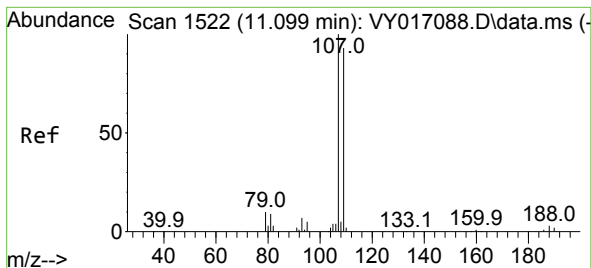
Tgt Ion: 43 Resp: 168783
Ion Ratio Lower Upper
43 100
58 57.5 28.1 84.3



#60
Dibromochloromethane
Concen: 47.856 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. -0.000 min
Lab File: VY017088.D
Acq: 24 Jan 2024 11:49

Tgt Ion:129 Resp: 67105
Ion Ratio Lower Upper
129 100
127 78.0 39.2 117.6

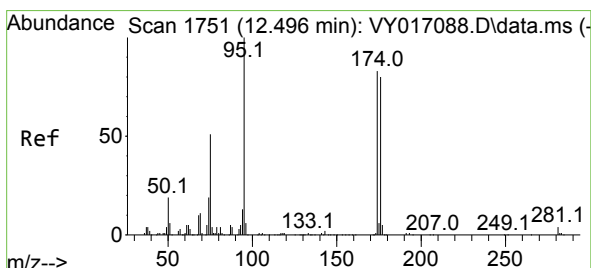
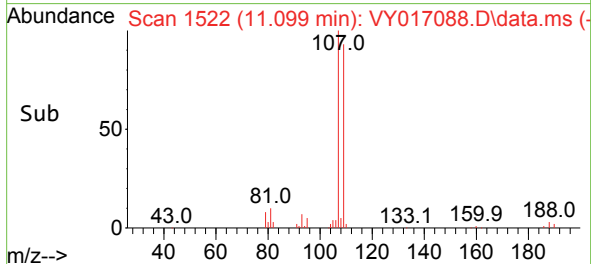
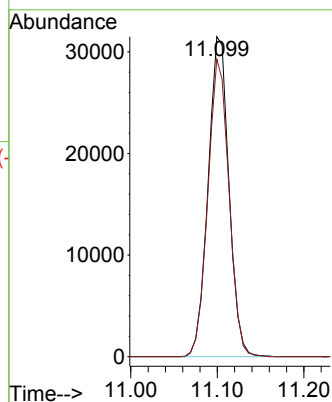
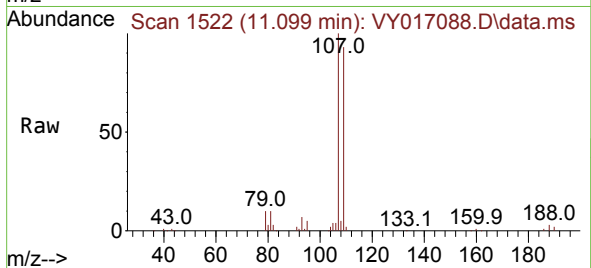




#61
1,2-Dibromoethane
Concen: 47.826 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VY017088.D
Acq: 24 Jan 2024 11:49

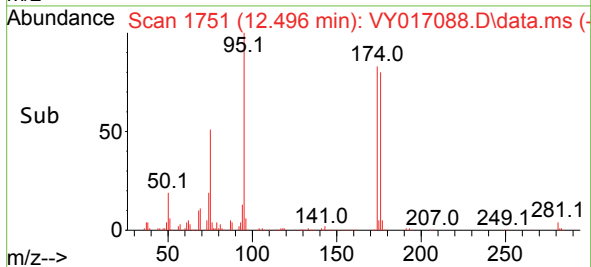
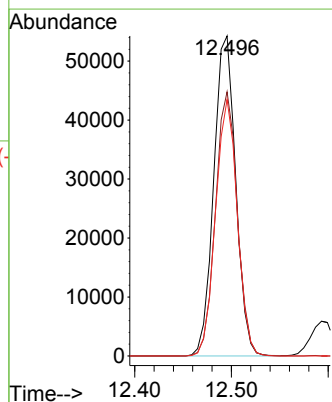
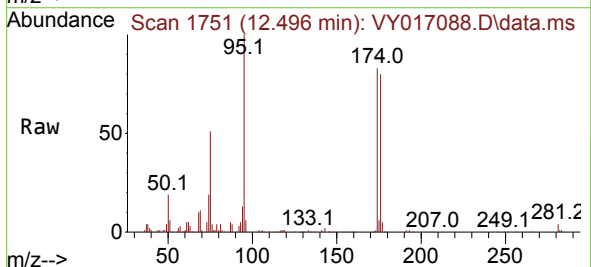
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

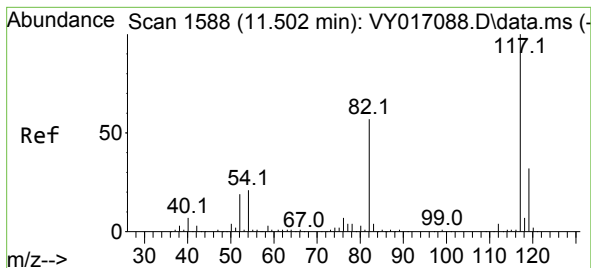
Tgt Ion:107 Resp: 52438
Ion Ratio Lower Upper
107 100
109 94.4 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 53.037 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.007 min
Lab File: VY017088.D
Acq: 24 Jan 2024 11:49

Tgt Ion: 95 Resp: 85561
Ion Ratio Lower Upper
95 100
174 81.6 0.0 160.0
176 79.1 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017088.D

Acq: 24 Jan 2024 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

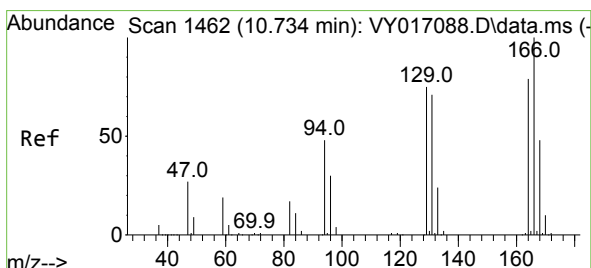
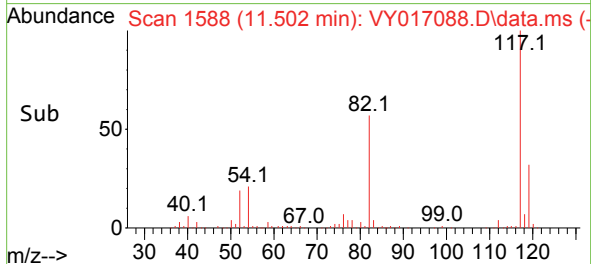
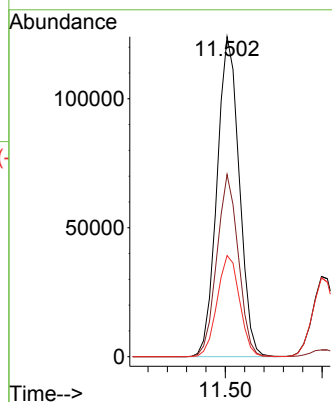
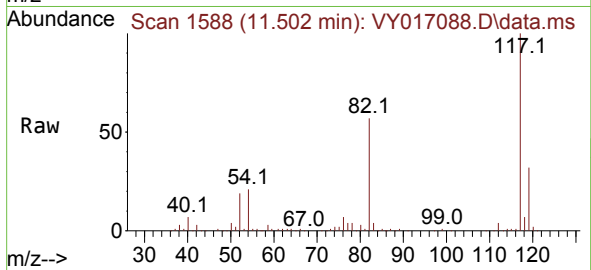
Tgt Ion:117 Resp: 198086

Ion Ratio Lower Upper

117 100

82 56.9 43.8 65.8

119 31.6 26.5 39.7



#64

Tetrachloroethene

Concen: 46.489 ug/l

RT: 10.734 min Scan# 1462

Delta R.T. 0.007 min

Lab File: VY017088.D

Acq: 24 Jan 2024 11:49

Tgt Ion:164 Resp: 64188

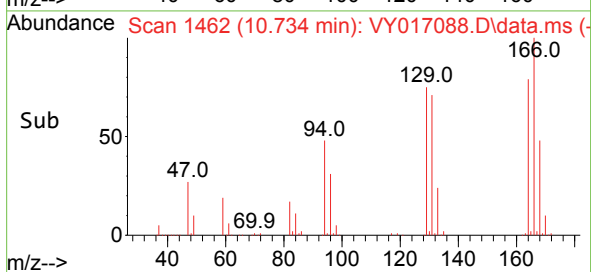
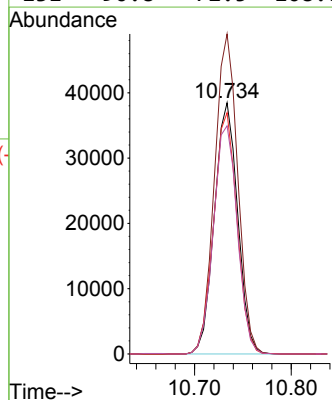
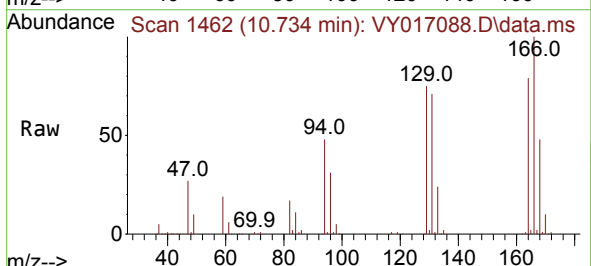
Ion Ratio Lower Upper

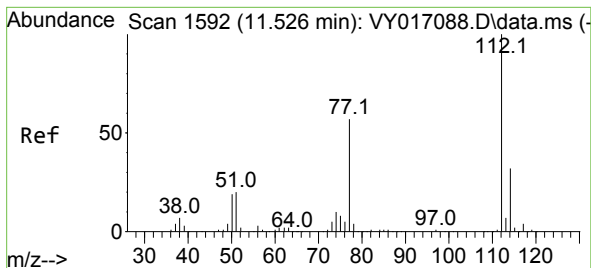
164 100

166 127.4 98.8 148.2

129 96.0 78.9 118.3

131 90.8 72.5 108.7

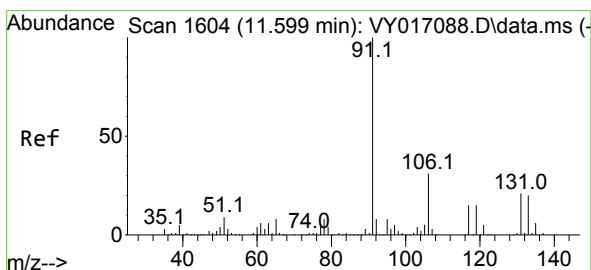
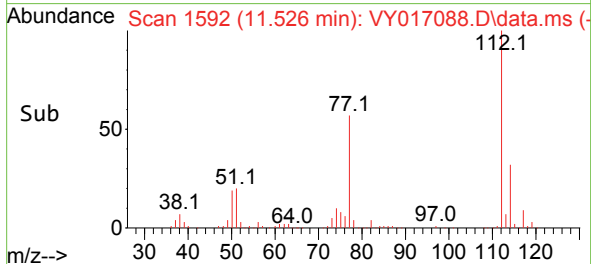
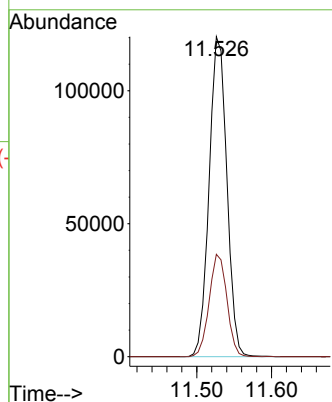
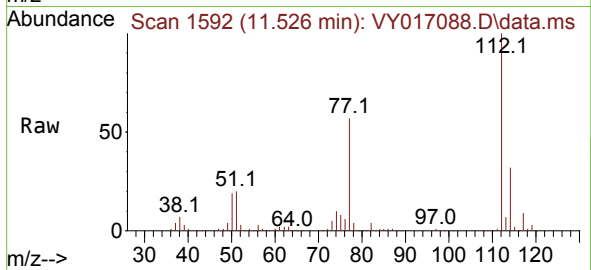




#65
Chlorobenzene
Concen: 47.207 ug/l
RT: 11.526 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VY017088.D
Acq: 24 Jan 2024 11:49

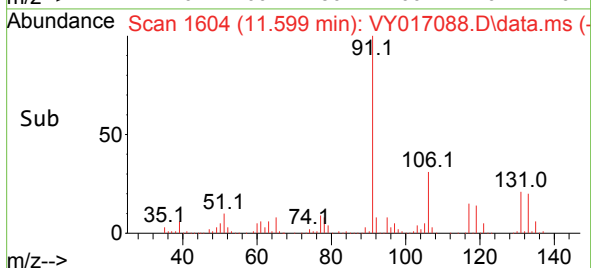
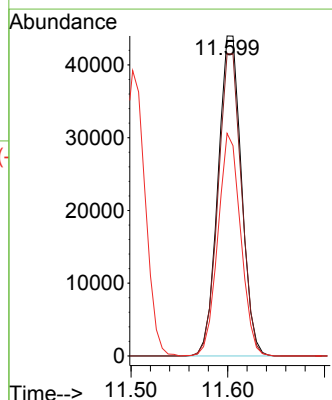
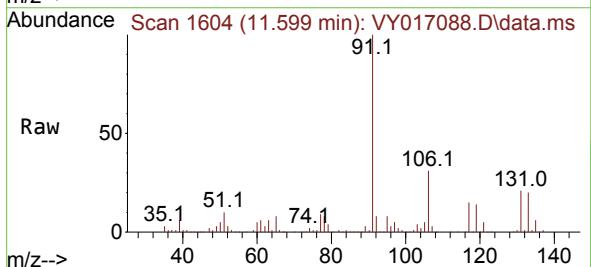
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

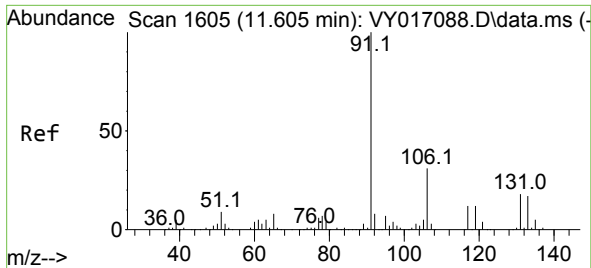
Tgt Ion:112 Resp: 198160
Ion Ratio Lower Upper
112 100
114 32.0 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 48.189 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017088.D
Acq: 24 Jan 2024 11:49

Tgt Ion:131 Resp: 73888
Ion Ratio Lower Upper
131 100
133 94.4 47.0 141.0
119 67.6 33.3 99.9

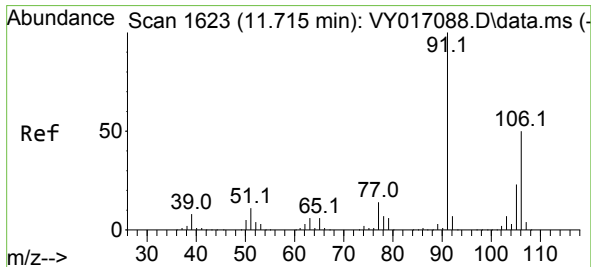
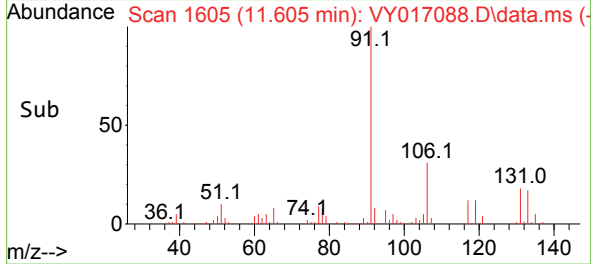
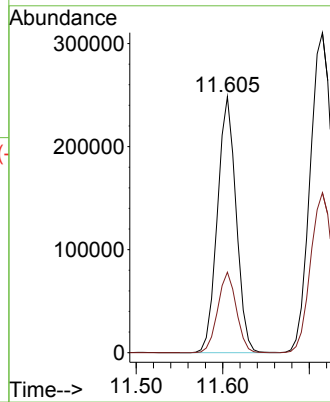
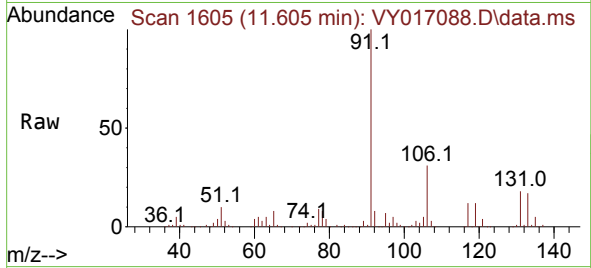




#67
Ethyl Benzene
Concen: 48.754 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY017088.D
Acq: 24 Jan 2024 11:49

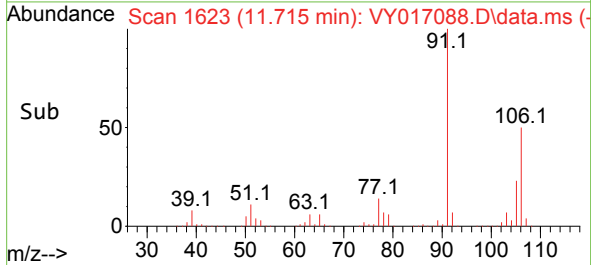
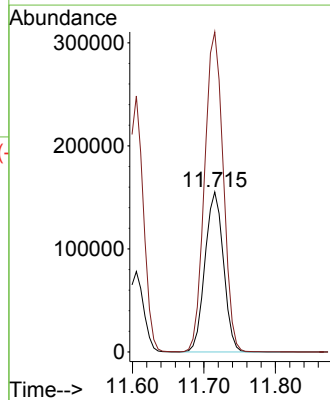
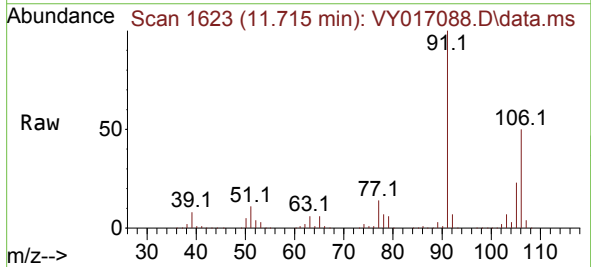
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

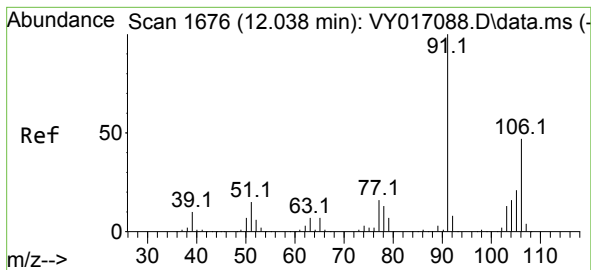
Tgt Ion: 91 Resp: 372046
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.4



#68
m/p-Xylenes
Concen: 97.095 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. 0.006 min
Lab File: VY017088.D
Acq: 24 Jan 2024 11:49

Tgt Ion:106 Resp: 278382
Ion Ratio Lower Upper
106 100
91 202.1 160.7 241.1





#69

o-Xylene

Concen: 49.516 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VY017088.D

Acq: 24 Jan 2024 11:49

Instrument :

MSVOA_Y

ClientSampleId :

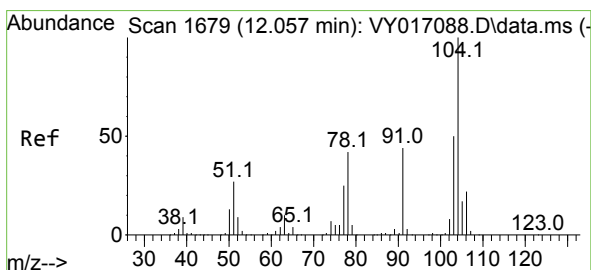
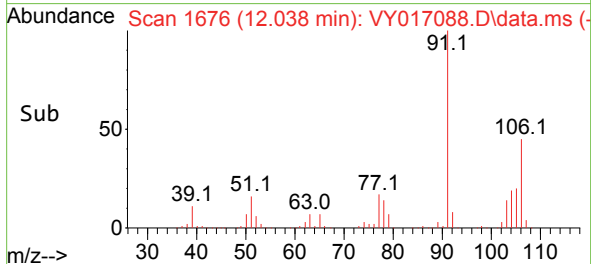
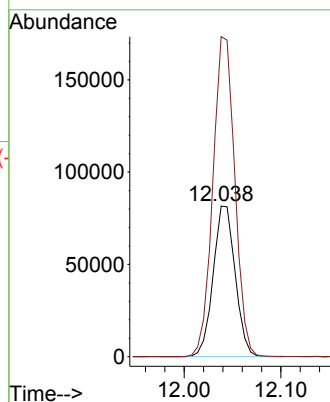
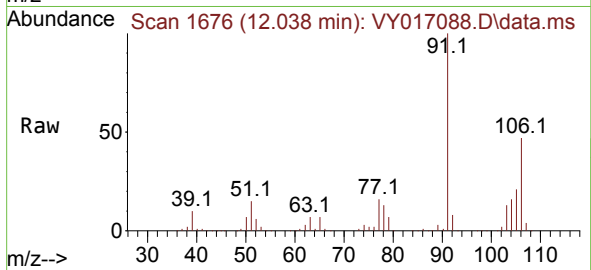
VSTDICCC050

Tgt Ion:106 Resp: 128958

Ion Ratio Lower Upper

106 100

91 212.4 106.5 319.5



#70

Styrene

Concen: 50.615 ug/l

RT: 12.057 min Scan# 1679

Delta R.T. 0.007 min

Lab File: VY017088.D

Acq: 24 Jan 2024 11:49

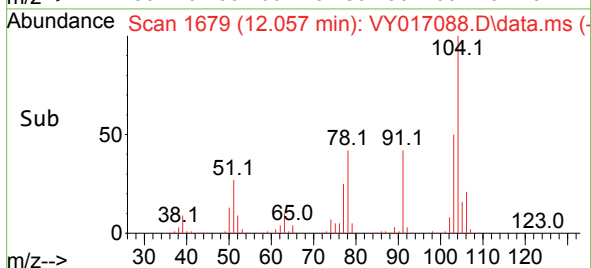
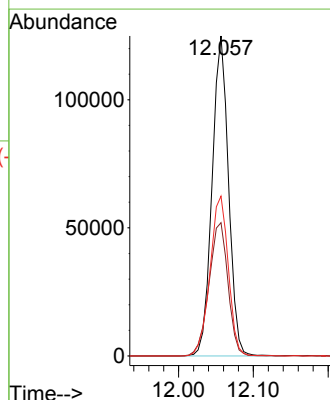
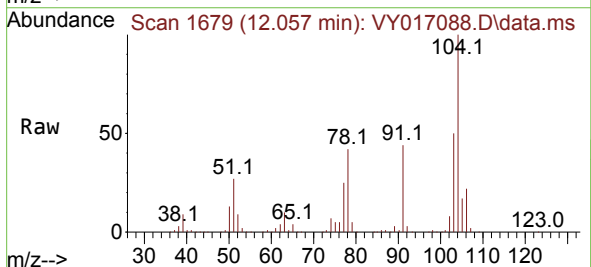
Tgt Ion:104 Resp: 191370

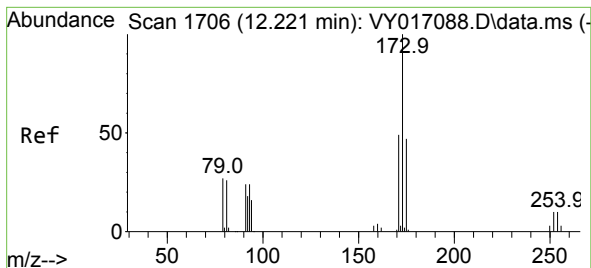
Ion Ratio Lower Upper

104 100

78 48.1 39.2 58.8

103 55.6 43.8 65.6





#71

Bromoform

Concen: 47.871 ug/l

RT: 12.221 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017088.D

Acq: 24 Jan 2024 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

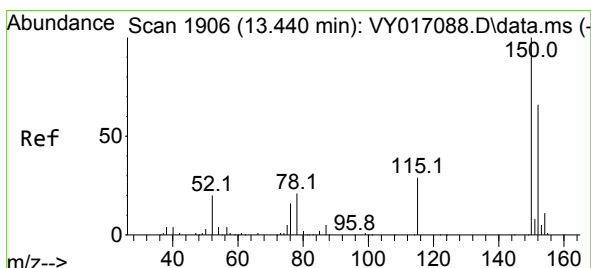
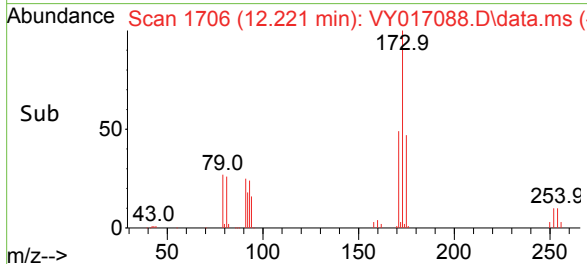
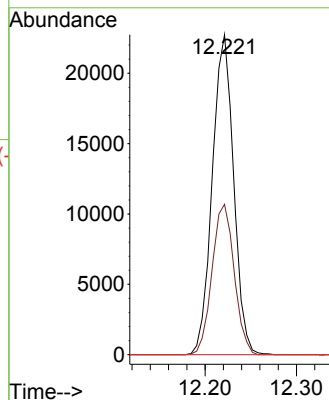
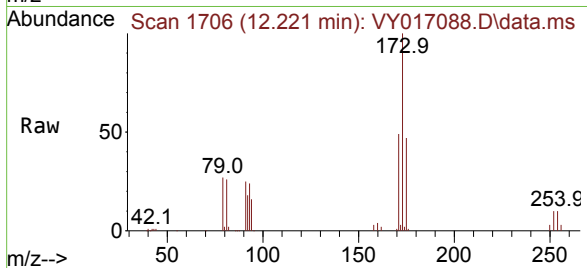
Tgt Ion:173 Resp: 36805

Ion Ratio Lower Upper

173 100

175 48.9 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY017088.D

Acq: 24 Jan 2024 11:49

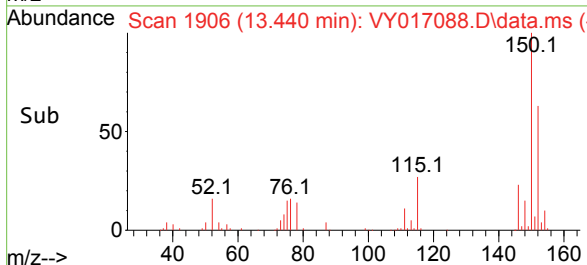
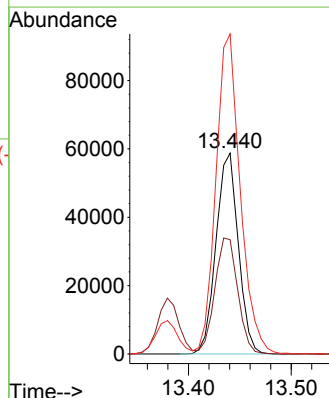
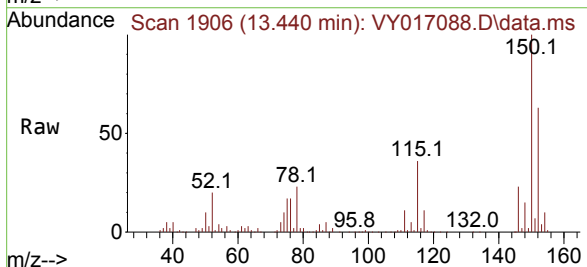
Tgt Ion:152 Resp: 88425

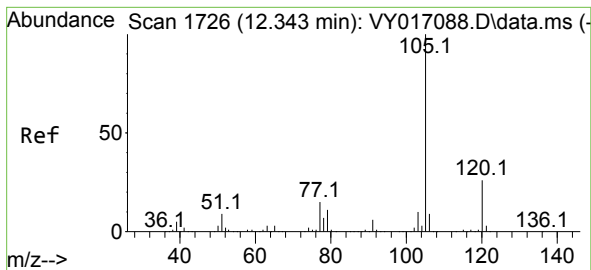
Ion Ratio Lower Upper

152 100

115 59.6 30.0 90.0

150 173.7 0.0 344.6





#73

Isopropylbenzene

Concen: 47.964 ug/l

RT: 12.343 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017088.D

Acq: 24 Jan 2024 11:49

Instrument :

MSVOA_Y

ClientSampleId :

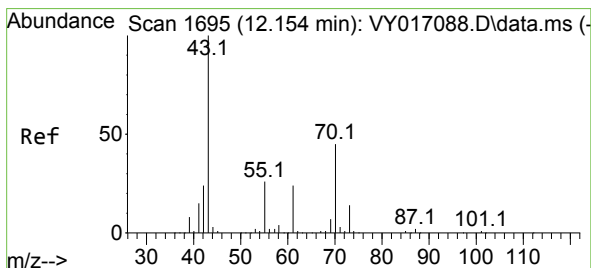
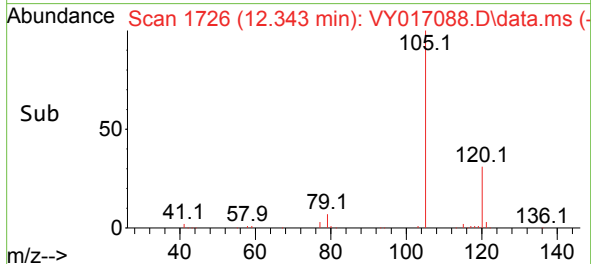
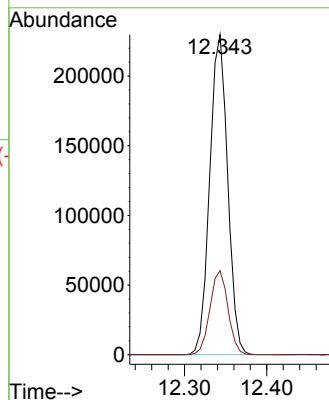
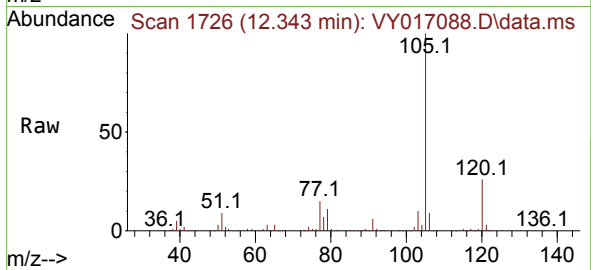
VSTDICCC050

Tgt Ion:105 Resp: 348660

Ion Ratio Lower Upper

105 100

120 26.3 13.0 39.0



#74

N-ethyl acetate

Concen: 48.856 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VY017088.D

Acq: 24 Jan 2024 11:49

Tgt Ion: 43 Resp: 71585

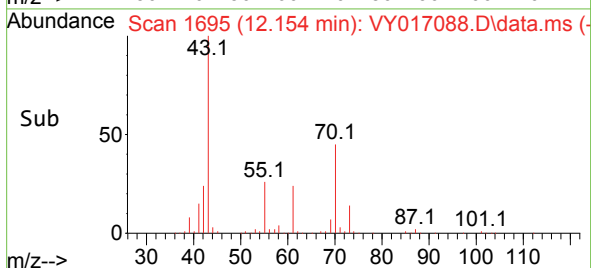
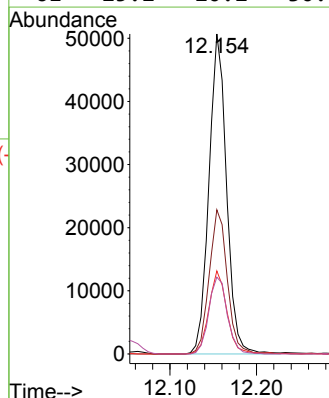
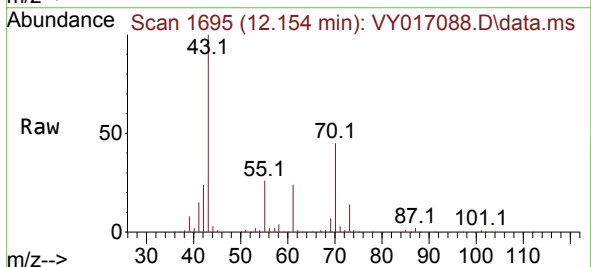
Ion Ratio Lower Upper

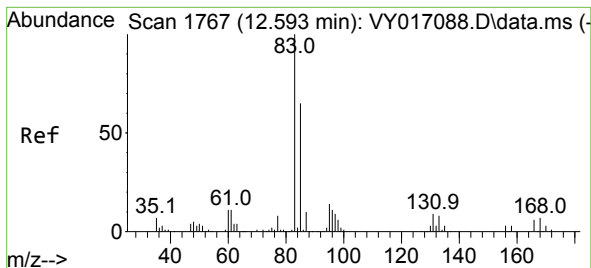
43 100

70 46.2 36.6 55.0

55 26.7 22.2 33.4

61 25.2 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 47.107 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.000 min

Lab File: VY017088.D

Acq: 24 Jan 2024 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

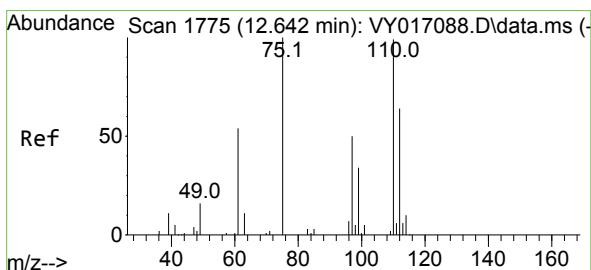
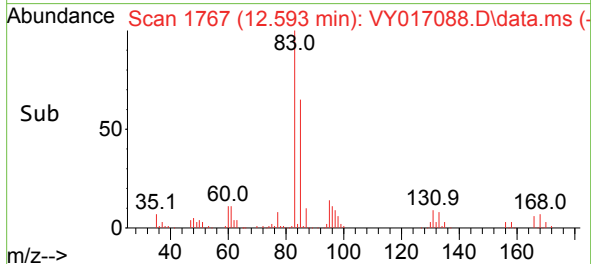
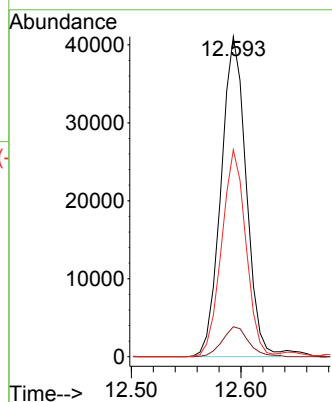
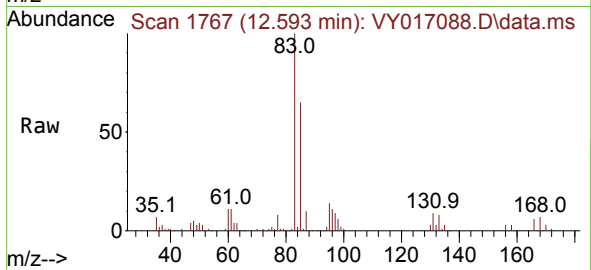
Tgt Ion: 83 Resp: 65297

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.6

85 62.6 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 47.010 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VY017088.D

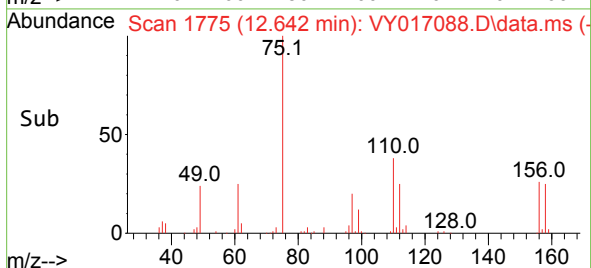
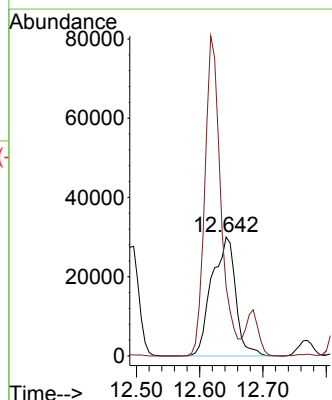
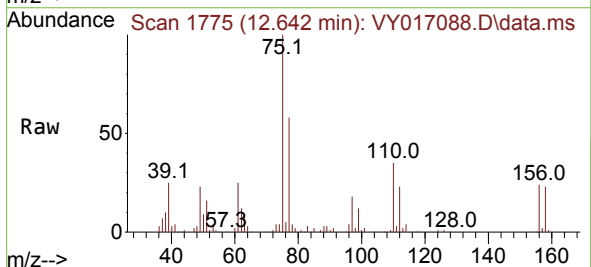
Acq: 24 Jan 2024 11:49

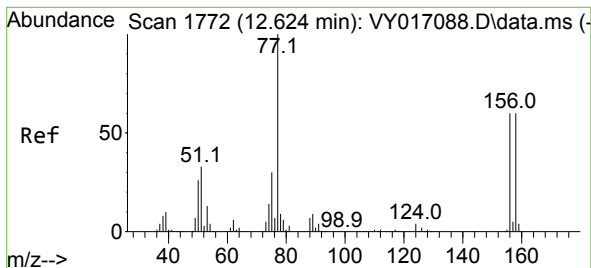
Tgt Ion: 75 Resp: 78580

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.524 ug/l

RT: 12.624 min Scan# 1772

Delta R.T. 0.007 min

Lab File: VY017088.D

Acq: 24 Jan 2024 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

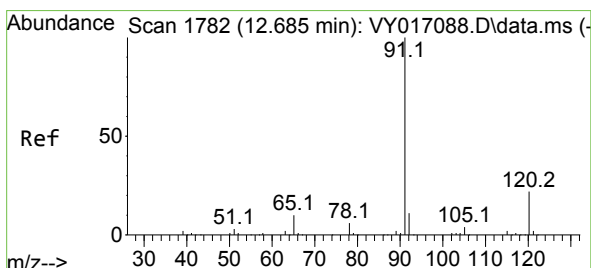
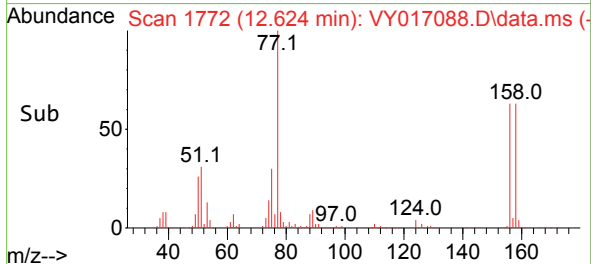
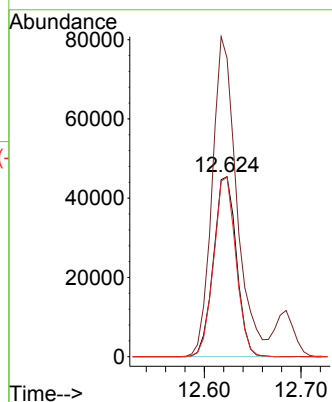
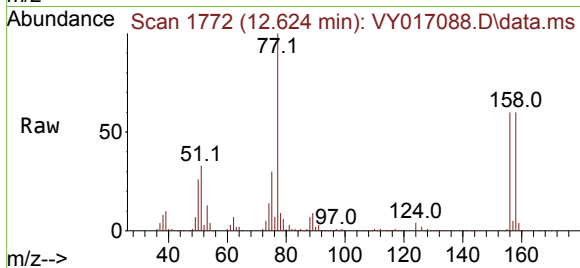
Tgt Ion:156 Resp: 74752

Ion Ratio Lower Upper

156 100

77 189.4 97.3 291.8

158 96.7 48.4 145.0



#78

n-propylbenzene

Concen: 48.896 ug/l

RT: 12.685 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VY017088.D

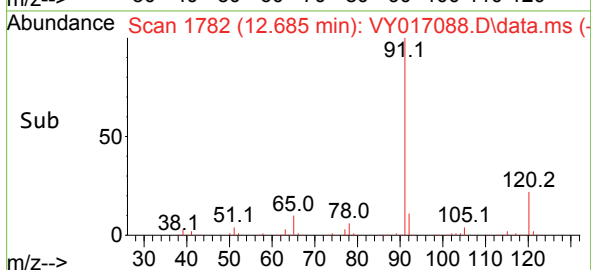
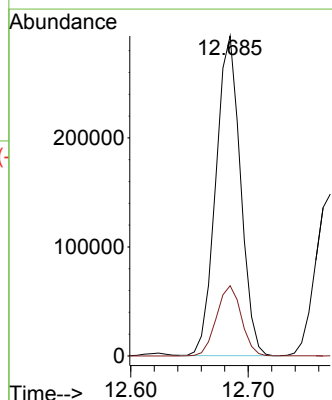
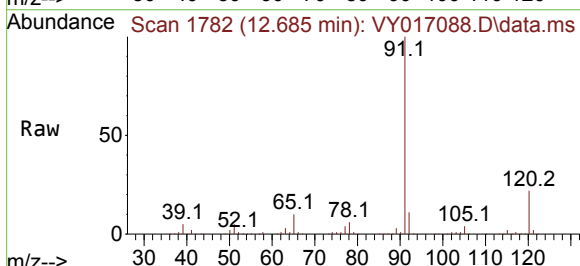
Acq: 24 Jan 2024 11:49

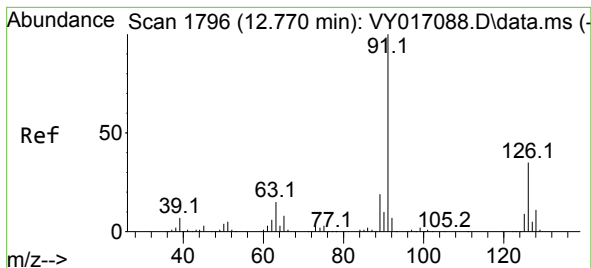
Tgt Ion: 91 Resp: 427508

Ion Ratio Lower Upper

91 100

120 22.2 11.0 33.0

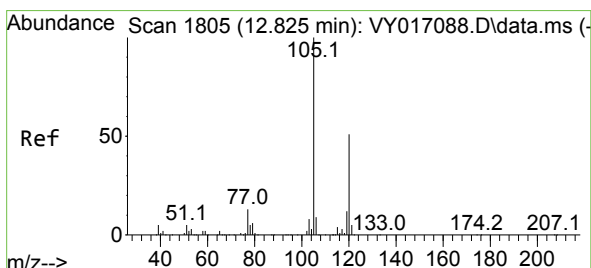
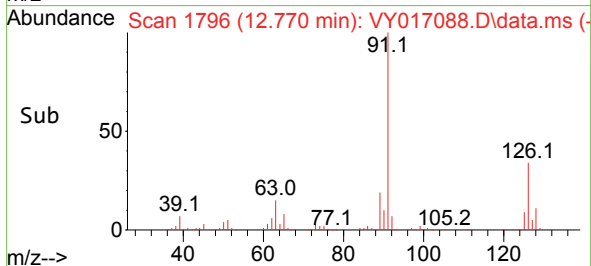
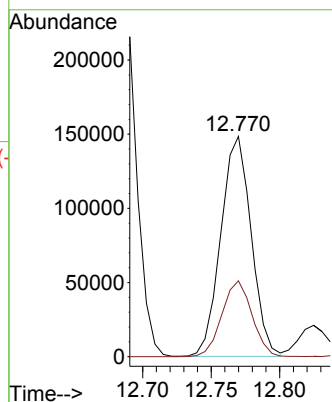
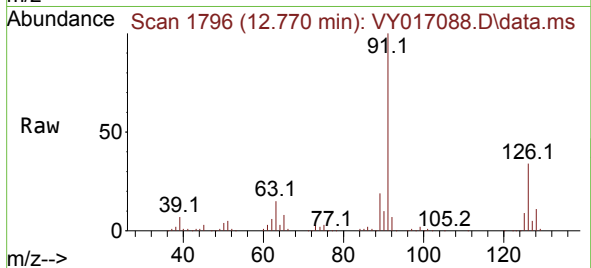




#79
2-Chlorotoluene
Concen: 47.692 ug/l
RT: 12.770 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY017088.D
Acq: 24 Jan 2024 11:49

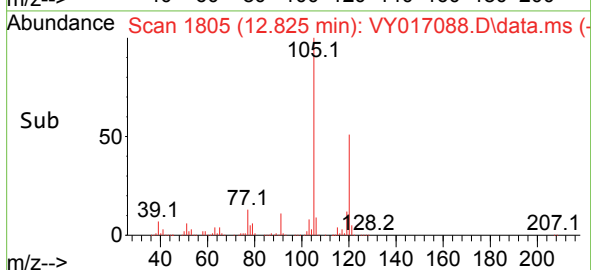
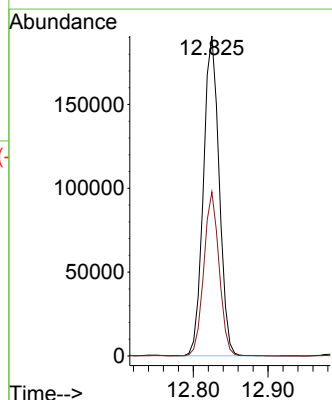
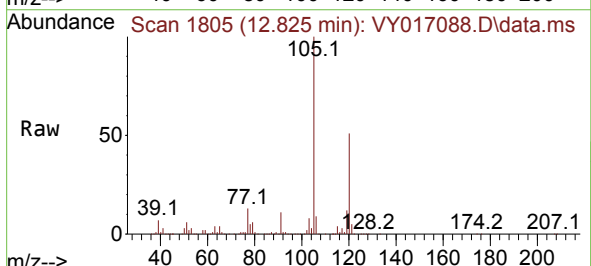
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

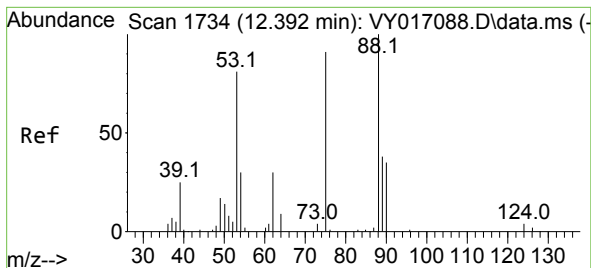
Tgt Ion: 91 Resp: 228822
Ion Ratio Lower Upper
91 100
126 34.1 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 48.554 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.007 min
Lab File: VY017088.D
Acq: 24 Jan 2024 11:49

Tgt Ion: 105 Resp: 279337
Ion Ratio Lower Upper
105 100
120 49.8 24.3 72.8

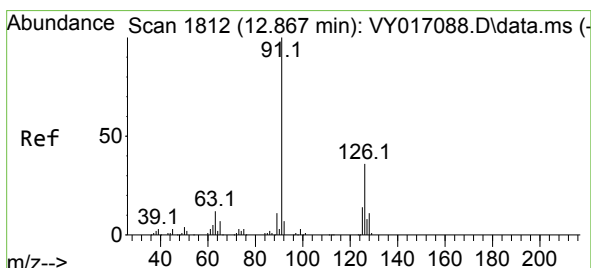
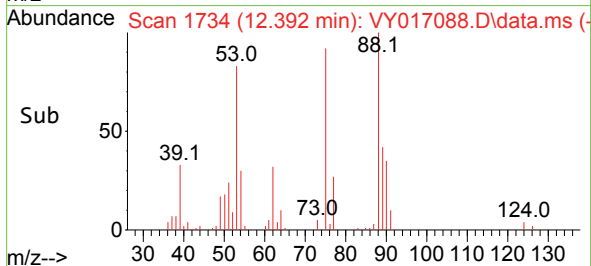
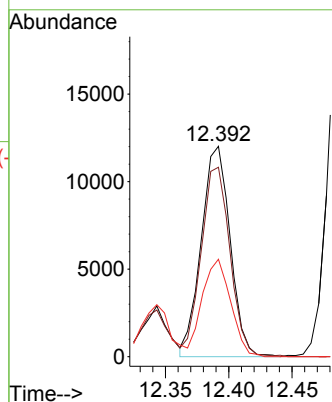
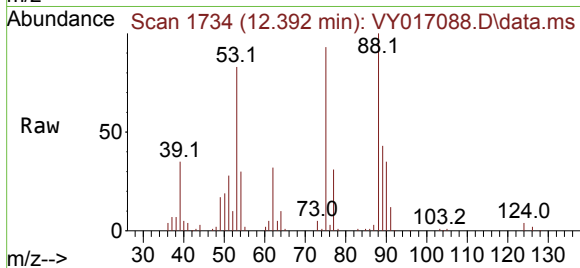




#81
trans-1,4-Dichloro-2-butene
Concen: 46.155 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. 0.007 min
Lab File: VY017088.D
Acq: 24 Jan 2024 11:49

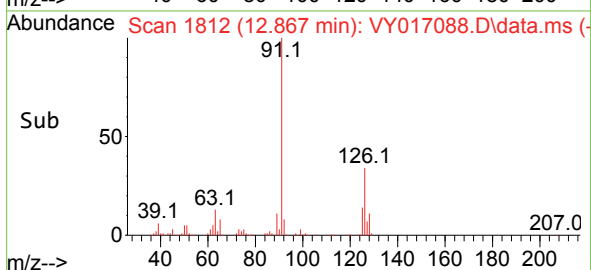
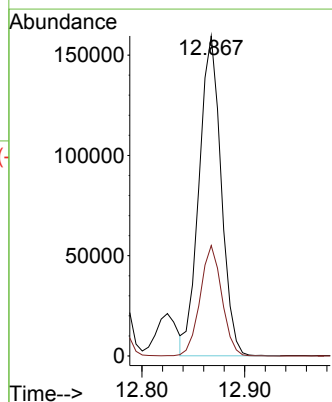
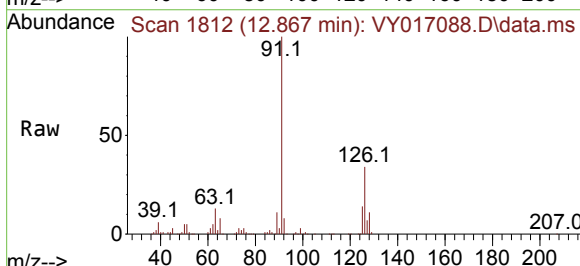
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

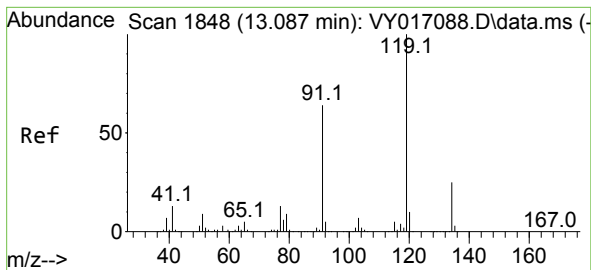
Tgt Ion:	75	Resp:	19135
Ion Ratio	Lower	Upper	
75	100		
53	90.1	74.0	111.0
89	45.3	36.5	54.7



#82
4-Chlorotoluene
Concen: 47.806 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY017088.D
Acq: 24 Jan 2024 11:49

Tgt Ion:	91	Resp:	237718
Ion Ratio	Lower	Upper	
91	100		
126	34.0	17.1	51.2

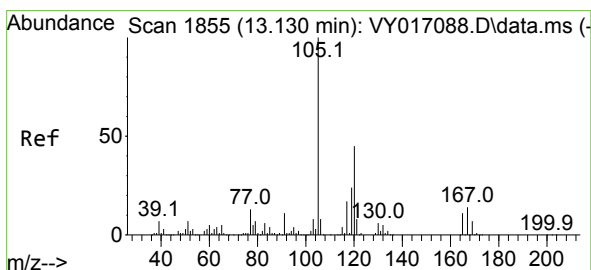
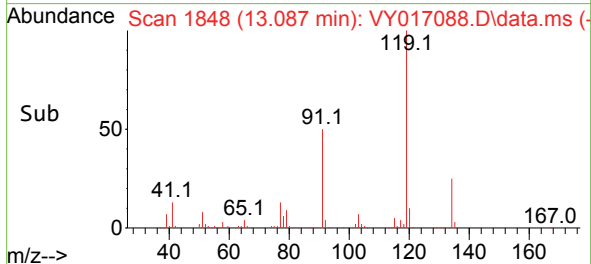
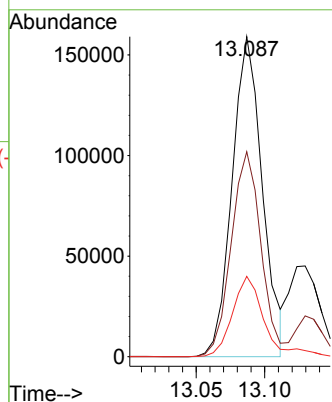
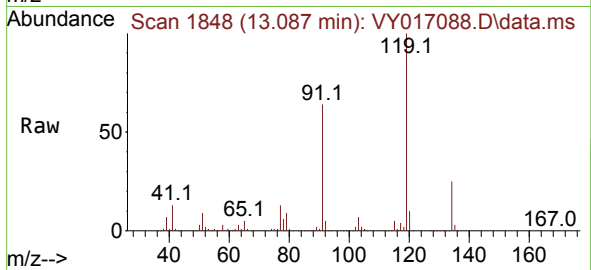




#83
tert-Butylbenzene
Concen: 49.014 ug/l
RT: 13.087 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VY017088.D
Acq: 24 Jan 2024 11:49

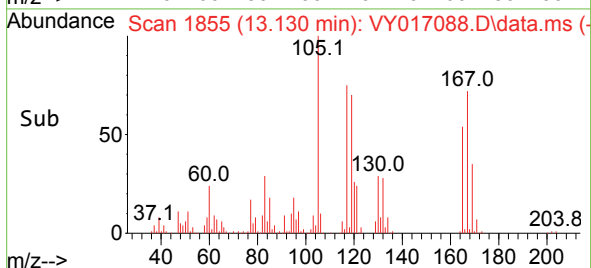
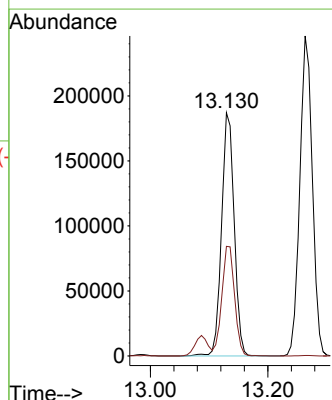
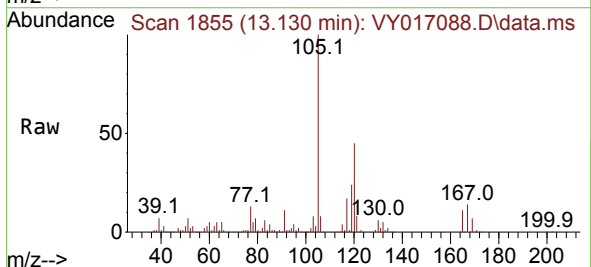
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

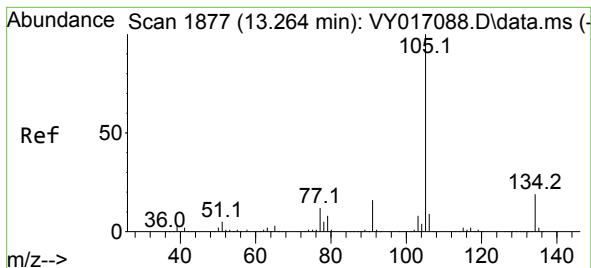
Tgt Ion:119 Resp: 243906
Ion Ratio Lower Upper
119 100
91 62.8 31.5 94.5
134 26.4 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 48.736 ug/l
RT: 13.130 min Scan# 1855
Delta R.T. 0.001 min
Lab File: VY017088.D
Acq: 24 Jan 2024 11:49

Tgt Ion:105 Resp: 278673
Ion Ratio Lower Upper
105 100
120 45.5 22.1 66.3





#85

sec-Butylbenzene

Concen: 49.377 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. 0.001 min

Lab File: VY017088.D

Acq: 24 Jan 2024 11:49

Instrument :

MSVOA_Y

ClientSampleId :

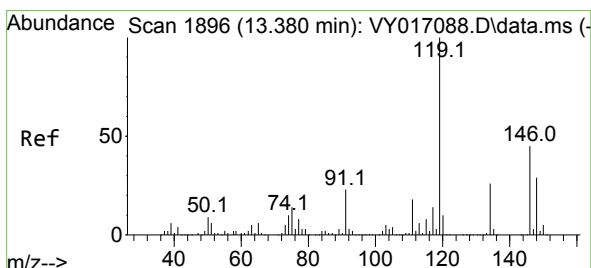
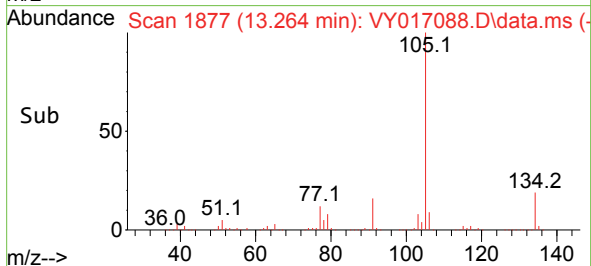
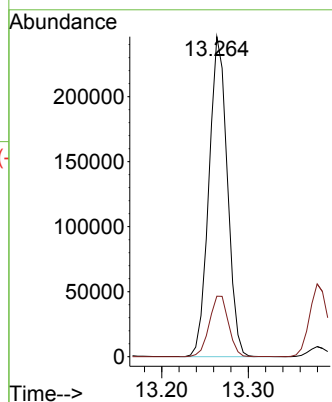
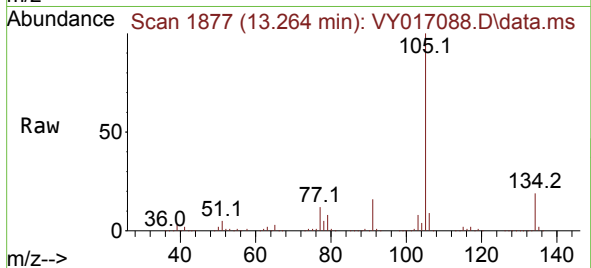
VSTDICCC050

Tgt Ion:105 Resp: 363832

Ion Ratio Lower Upper

105 100

134 19.7 9.7 28.9



#86

p-Isopropyltoluene

Concen: 49.575 ug/l

RT: 13.380 min Scan# 1896

Delta R.T. 0.001 min

Lab File: VY017088.D

Acq: 24 Jan 2024 11:49

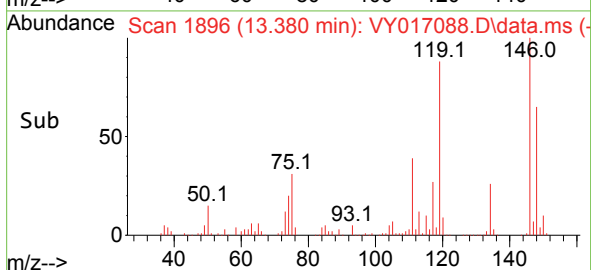
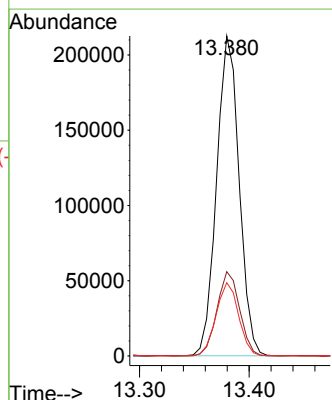
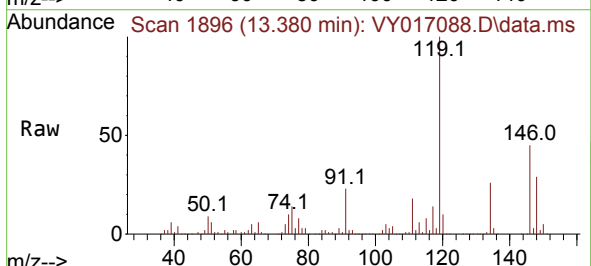
Tgt Ion:119 Resp: 304282

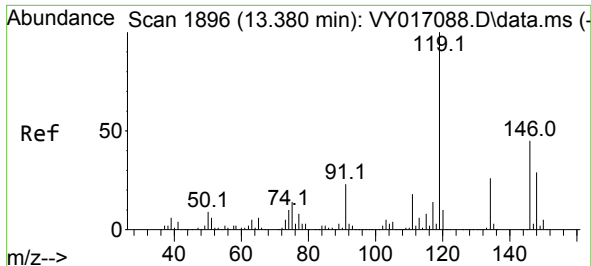
Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.1

91 22.8 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 47.555 ug/l

RT: 13.380 min Scan# 1896

Delta R.T. 0.007 min

Lab File: VY017088.D

Acq: 24 Jan 2024 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

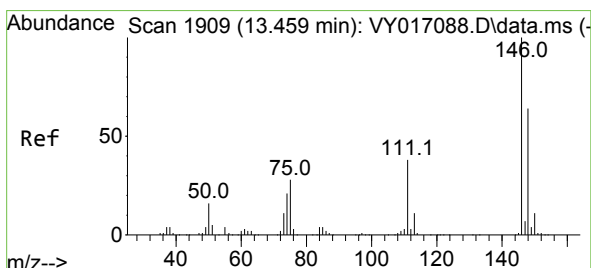
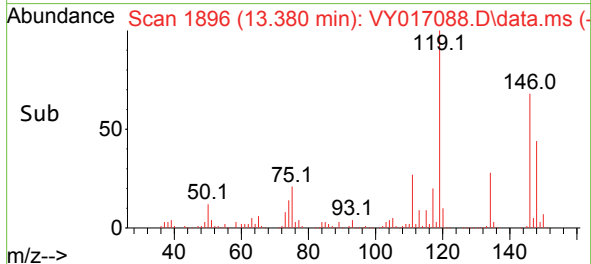
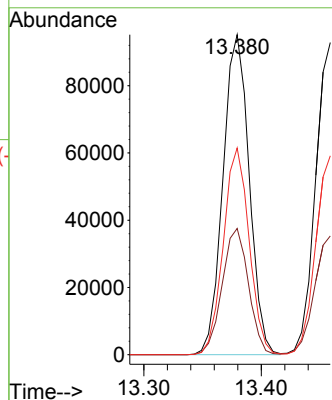
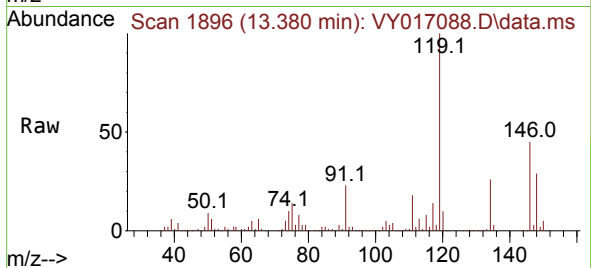
Tgt Ion:146 Resp: 147680

Ion Ratio Lower Upper

146 100

111 39.7 20.2 60.5

148 63.6 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 47.185 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.007 min

Lab File: VY017088.D

Acq: 24 Jan 2024 11:49

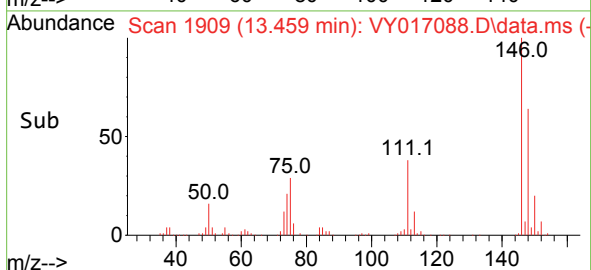
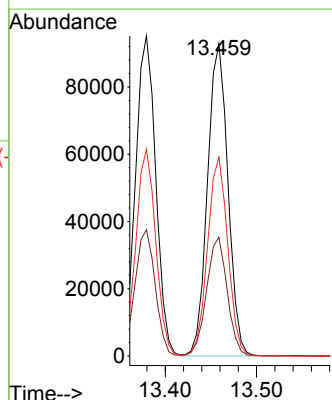
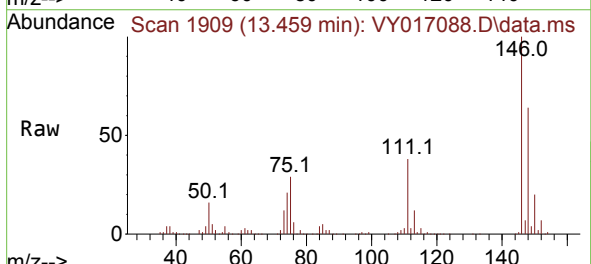
Tgt Ion:146 Resp: 144173

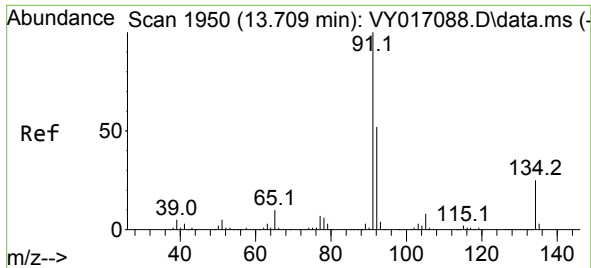
Ion Ratio Lower Upper

146 100

111 38.6 19.3 57.9

148 63.2 31.6 94.7

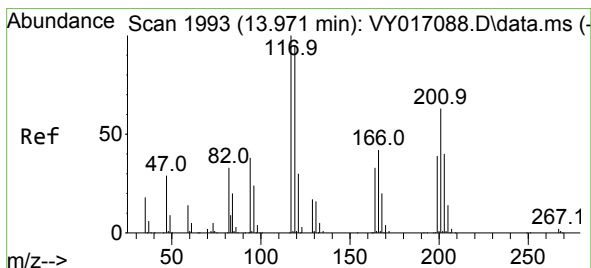
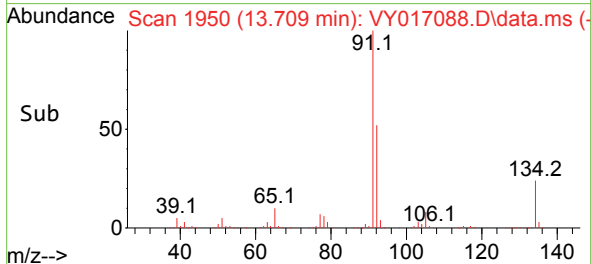
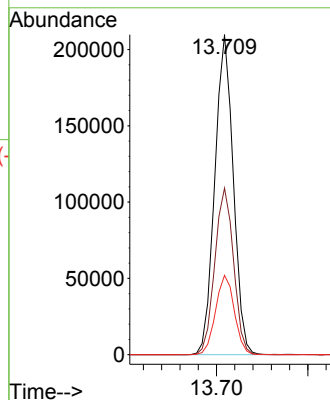
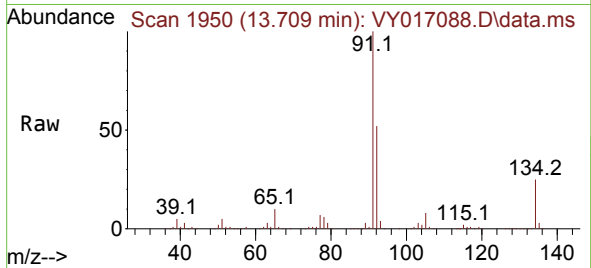




#89
n-Butylbenzene
Concen: 49.719 ug/l
RT: 13.709 min Scan# 1950
Delta R.T. 0.007 min
Lab File: VY017088.D
Acq: 24 Jan 2024 11:49

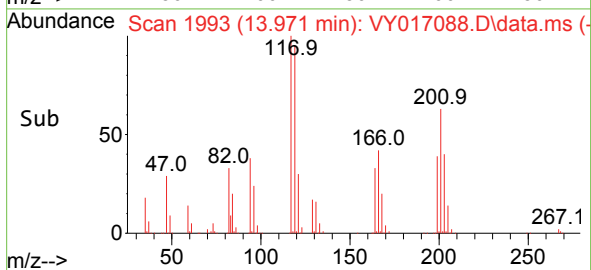
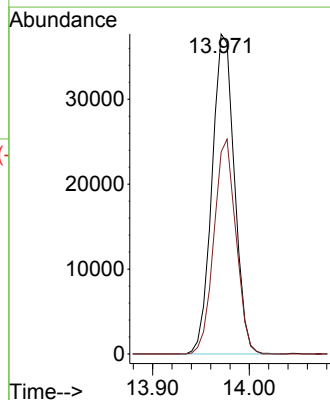
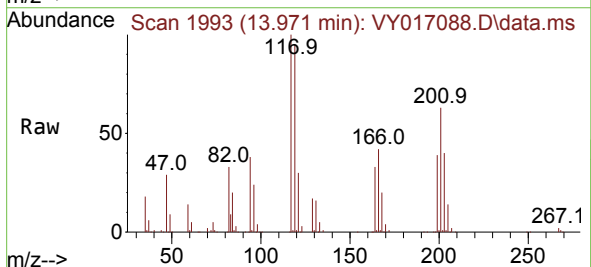
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

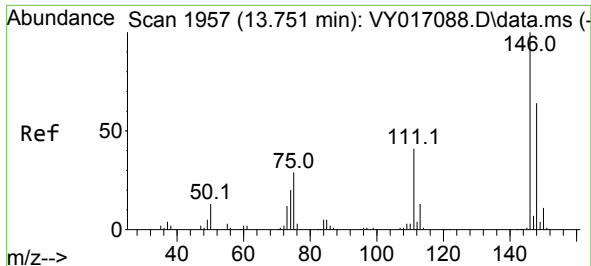
Tgt Ion: 91 Resp: 294346
Ion Ratio Lower Upper
91 100
92 52.9 26.4 79.2
134 25.2 12.3 36.8



#90
Hexachloroethane
Concen: 47.375 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VY017088.D
Acq: 24 Jan 2024 11:49

Tgt Ion: 117 Resp: 60606
Ion Ratio Lower Upper
117 100
201 66.1 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 46.937 ug/l

RT: 13.751 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VY017088.D

Acq: 24 Jan 2024 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

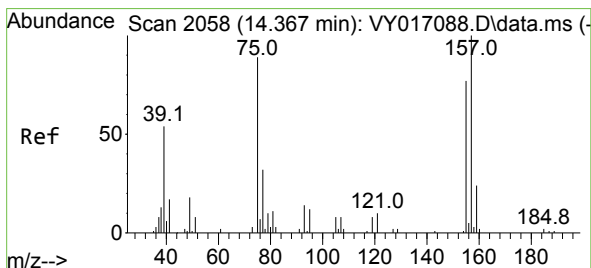
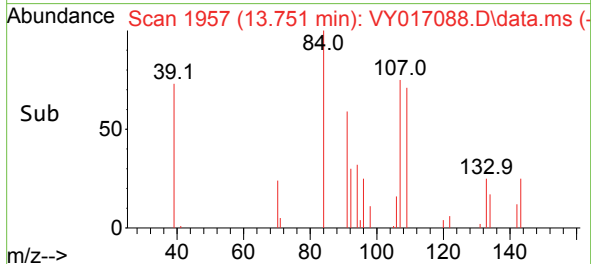
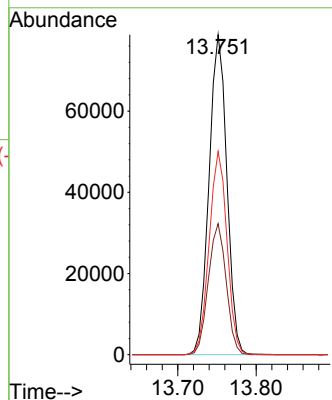
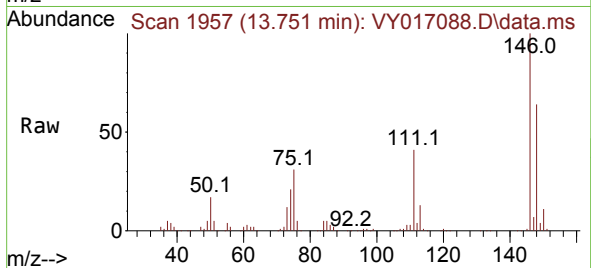
Tgt Ion:146 Resp: 124479

Ion Ratio Lower Upper

146 100

111 41.0 20.5 61.6

148 63.6 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.245 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VY017088.D

Acq: 24 Jan 2024 11:49

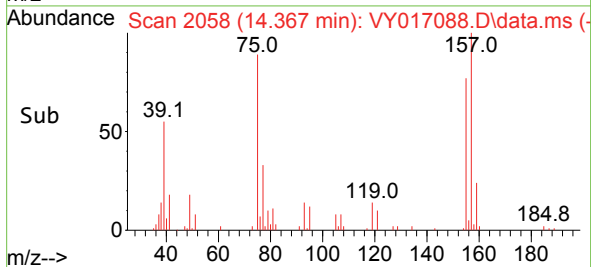
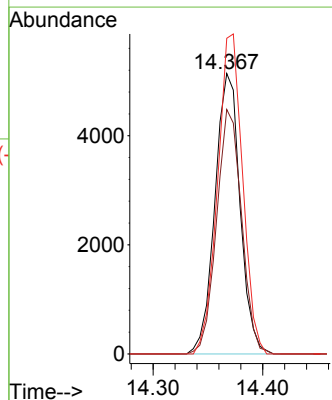
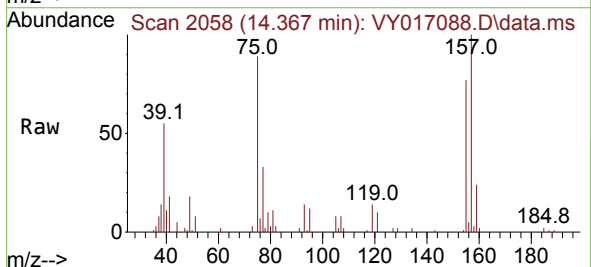
Tgt Ion: 75 Resp: 8187

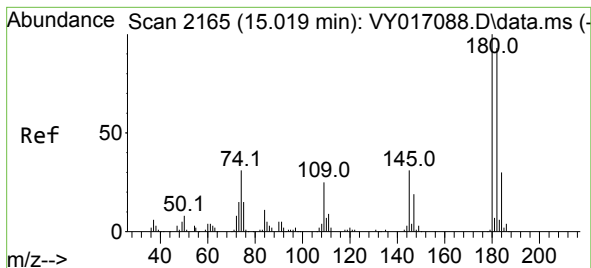
Ion Ratio Lower Upper

75 100

155 86.7 42.1 126.3

157 113.5 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 47.588 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY017088.D

Acq: 24 Jan 2024 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

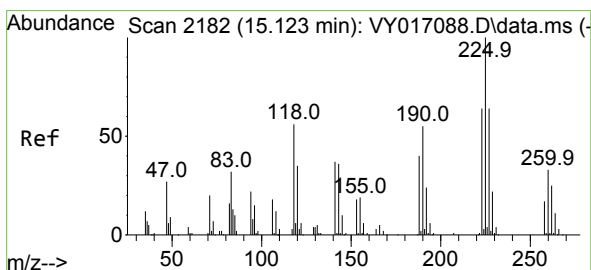
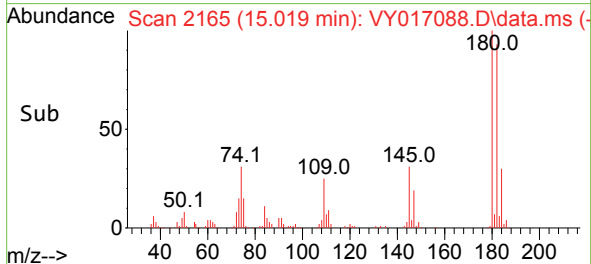
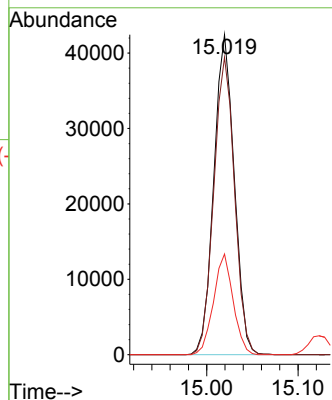
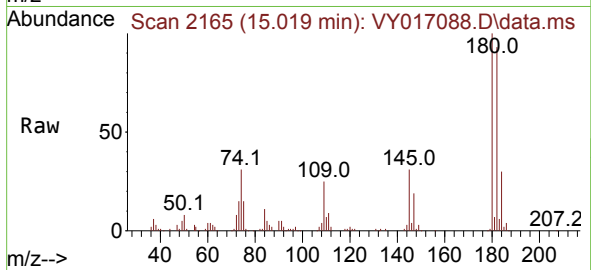
Tgt Ion:180 Resp: 65951

Ion Ratio Lower Upper

180 100

182 94.5 47.9 143.7

145 30.2 15.9 47.7



#94

Hexachlorobutadiene

Concen: 46.437 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY017088.D

Acq: 24 Jan 2024 11:49

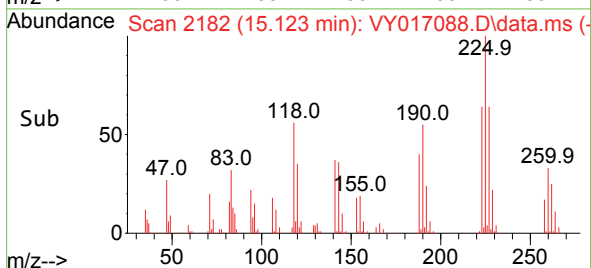
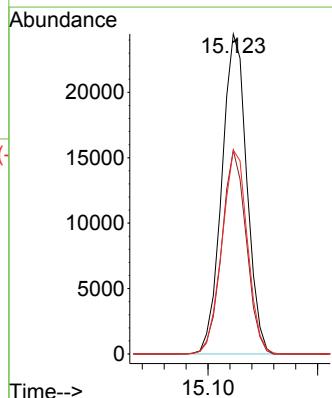
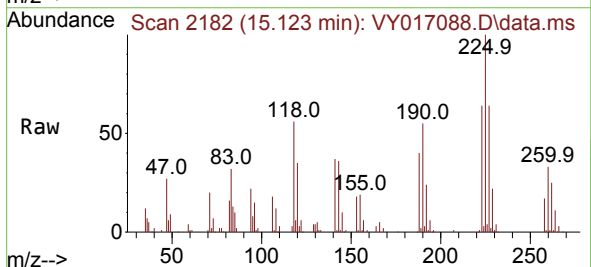
Tgt Ion:225 Resp: 38732

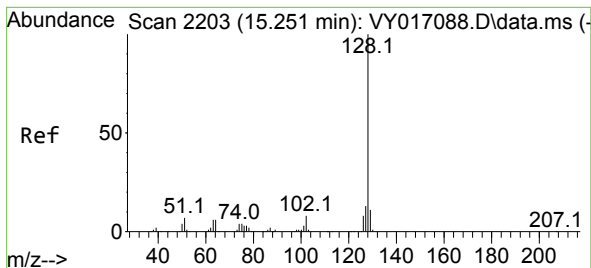
Ion Ratio Lower Upper

225 100

223 62.5 31.4 94.3

227 65.0 32.3 96.8





#95

Naphthalene

Concen: 48.878 ug/l

RT: 15.251 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY017088.D

Acq: 24 Jan 2024 11:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

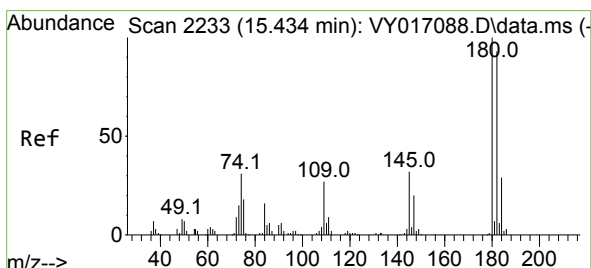
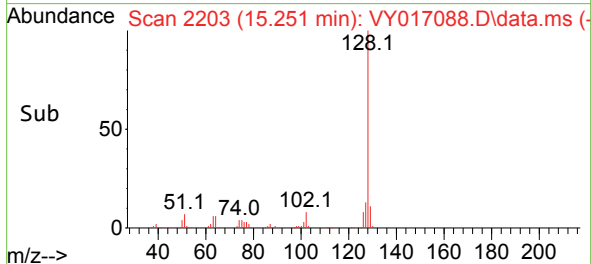
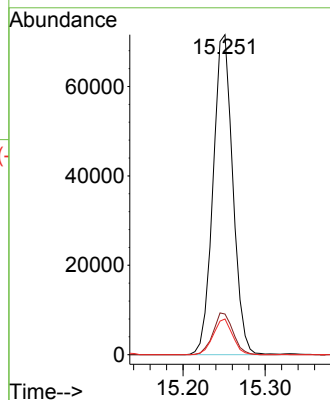
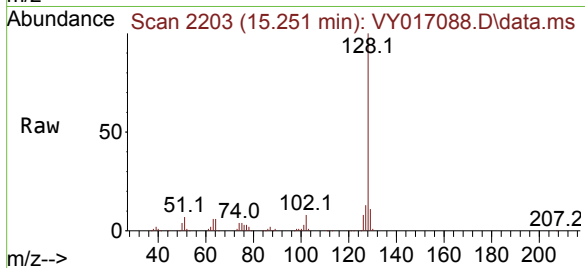
Tgt Ion:128 Resp: 119639

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 47.342 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY017088.D

Acq: 24 Jan 2024 11:49

Tgt Ion:180 Resp: 54585

Ion Ratio Lower Upper

180 100

182 93.9 46.3 138.8

145 31.3 16.1 48.2

