

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032524\
 Data File : VY017746.D
 Acq On : 25 Mar 2024 09:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 26 03:31:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 04:03:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	183636	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	277426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	242515	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	114593	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	73604	46.008	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.020%
35) Dibromofluoromethane	7.734	113	83355	50.264	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.520%
50) Toluene-d8	10.191	98	316829	49.919	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.840%
62) 4-Bromofluorobenzene	12.489	95	98361	51.611	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.220%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.918	85	75031	47.327	ug/l 98
3) Chloromethane	2.131	50	102234	49.779	ug/l 98
4) Vinyl Chloride	2.265	62	126691	51.019	ug/l 100
5) Bromomethane	2.674	94	97089	50.075	ug/l 99
6) Chloroethane	2.814	64	83297	50.191	ug/l 99
7) Trichlorofluoromethane	3.149	101	143642	54.881	ug/l 94
8) Diethyl Ether	3.546	74	43302	50.182	ug/l 97
9) 1,1,2-Trichlorotrifluo...	3.924	101	92360	49.571	ug/l 97
10) Methyl Iodide	4.119	142	116733	51.253	ug/l 99
11) Tert butyl alcohol	4.984	59	22727	213.580	ug/l # 82
12) 1,1-Dichloroethene	3.899	96	89440	51.034	ug/l 97
13) Acrolein	3.753	56	34192	266.567	ug/l 98
14) Allyl chloride	4.509	41	110879	46.683	ug/l 99
15) Acrylonitrile	5.186	53	84854	237.379	ug/l 99
16) Acetone	3.966	43	81210	290.222	ug/l 93
17) Carbon Disulfide	4.222	76	282601	48.191	ug/l 98
18) Methyl Acetate	4.503	43	32637	46.325	ug/l 98
19) Methyl tert-butyl Ether	5.247	73	189231	50.077	ug/l 100
20) Methylene Chloride	4.741	84	93526	45.958	ug/l 98
21) trans-1,2-Dichloroethene	5.247	96	98802	49.452	ug/l 99
22) Diisopropyl ether	6.143	45	246822	47.728	ug/l 97
23) Vinyl Acetate	6.082	43	740382	243.754	ug/l 100
24) 1,1-Dichloroethane	6.039	63	159415	46.899	ug/l 99
25) 2-Butanone	7.009	43	109693	231.386	ug/l 97
26) 2,2-Dichloropropane	7.002	77	141328	48.915	ug/l 100
27) cis-1,2-Dichloroethene	7.009	96	112915	49.963	ug/l 99
28) Bromochloromethane	7.356	49	62910	47.740	ug/l 98
29) Tetrahydrofuran	7.368	42	66412	222.638	ug/l 95
30) Chloroform	7.521	83	170290	48.326	ug/l 99
31) Cyclohexane	7.801	56	142960	45.182	ug/l 99
32) 1,1,1-Trichloroethane	7.722	97	152313	49.632	ug/l 98
36) 1,1-Dichloropropene	7.935	75	128558	50.179	ug/l 99
37) Ethyl Acetate	7.094	43	46833	47.573	ug/l # 97
38) Carbon Tetrachloride	7.917	117	140868	52.512	ug/l 99
39) Methylcyclohexane	9.197	83	172352	52.406	ug/l 99
40) Benzene	8.179	78	391301	51.024	ug/l 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	23539	48.406	ug/l	95
42) 1,2-Dichloroethane	8.252	62	92235	50.213	ug/l	99
43) Isopropyl Acetate	8.289	43	89979	46.253	ug/l	97
44) Trichloroethene	8.953	130	106142	52.914	ug/l	96
45) 1,2-Dichloropropane	9.228	63	86163	49.311	ug/l	100
46) Dibromomethane	9.319	93	50888	52.263	ug/l	98
47) Bromodichloromethane	9.508	83	128383	51.565	ug/l	99
48) Methyl methacrylate	9.301	41	41288	45.684	ug/l	98
49) 1,4-Dioxane	9.307	88	10327	1090.007	ug/l #	96
51) 4-Methyl-2-Pentanone	10.081	43	240190	229.932	ug/l	98
52) Toluene	10.258	92	248165	52.368	ug/l	99
53) t-1,3-Dichloropropene	10.477	75	114561	52.614	ug/l	98
54) cis-1,3-Dichloropropene	9.941	75	139289	52.367	ug/l	98
55) 1,1,2-Trichloroethane	10.654	97	65852	52.868	ug/l	96
56) Ethyl methacrylate	10.520	69	84126	48.086	ug/l	95
57) 1,3-Dichloropropane	10.801	76	112238	52.314	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.795	63	205506	234.289	ug/l	98
59) 2-Hexanone	10.843	43	176021	239.481	ug/l	97
60) Dibromochloromethane	10.996	129	90613	54.386	ug/l	100
61) 1,2-Dibromoethane	11.099	107	62790	53.694	ug/l	100
64) Tetrachloroethene	10.733	164	119009	53.064	ug/l	98
65) Chlorobenzene	11.526	112	272276	52.156	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	93758	53.781	ug/l	98
67) Ethyl Benzene	11.605	91	470597	52.489	ug/l	98
68) m/p-Xylenes	11.709	106	374141	107.574	ug/l	99
69) o-Xylene	12.038	106	172643	54.370	ug/l	98
70) Styrene	12.050	104	293034	55.448	ug/l	99
71) Bromoform	12.215	173	52389	57.061	ug/l #	96
73) Isopropylbenzene	12.337	105	454496	52.525	ug/l	99
74) N-amyl acetate	12.154	43	77578	43.912	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.593	83	67470	50.641	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	90619	85.635	ug/l #	100
77) Bromobenzene	12.617	156	106021	53.817	ug/l	95
78) n-propylbenzene	12.678	91	545187	52.048	ug/l	99
79) 2-Chlorotoluene	12.764	91	297541	51.799	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	357028	52.708	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	23567	51.461	ug/l	99
82) 4-Chlorotoluene	12.861	91	305829	51.892	ug/l	98
83) tert-Butylbenzene	13.087	119	331898	54.145	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	356011	53.612	ug/l	98
85) sec-Butylbenzene	13.263	105	488090	53.128	ug/l	98
86) p-Isopropyltoluene	13.379	119	412002	54.011	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	209875	52.572	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	204677	53.407	ug/l	99
89) n-Butylbenzene	13.702	91	376586	54.568	ug/l	99
90) Hexachloroethane	13.971	117	82041	52.740	ug/l	99
91) 1,2-Dichlorobenzene	13.751	146	175281	53.003	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	8735	49.672	ug/l	99
93) 1,2,4-Trichlorobenzene	15.013	180	92289	57.609	ug/l	98
94) Hexachlorobutadiene	15.117	225	60553	58.885	ug/l	98
95) Naphthalene	15.245	128	146221	49.394	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	76438	57.790	ug/l	99

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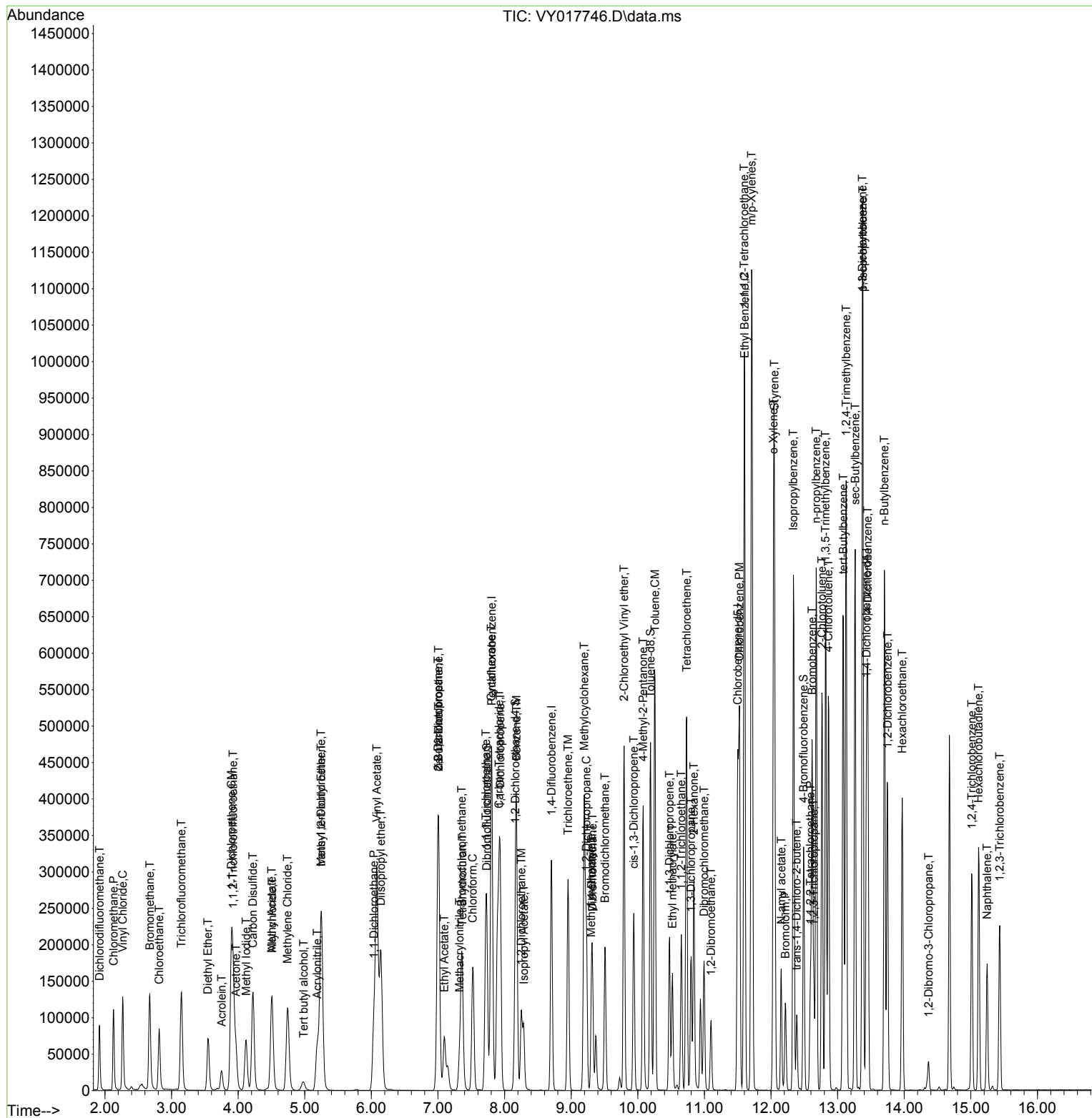
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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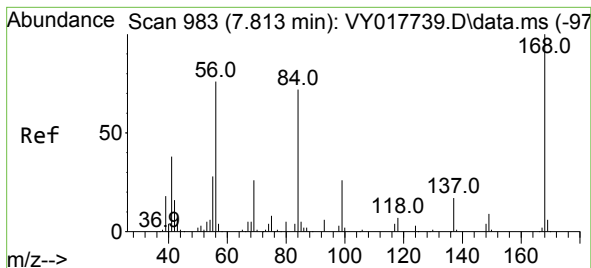
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.807 min Scan# 9

Delta R.T. -0.006 min

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MSVOA_Y

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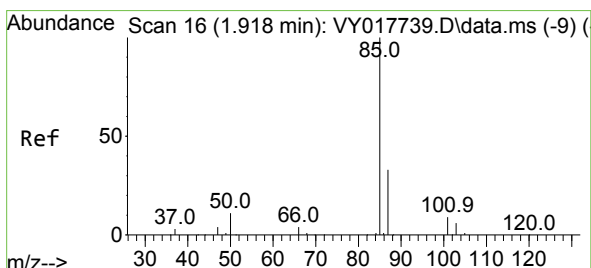
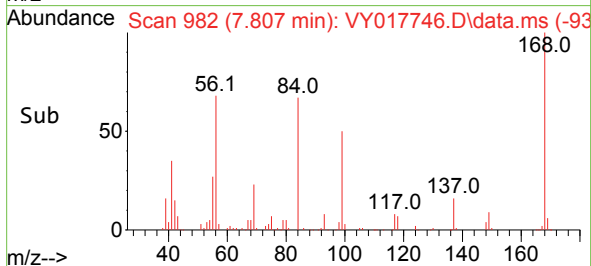
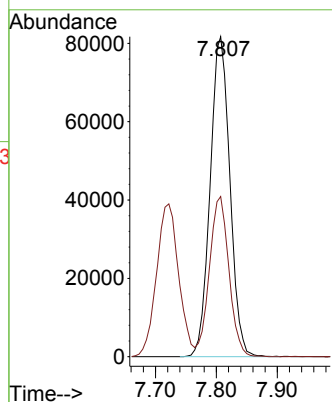
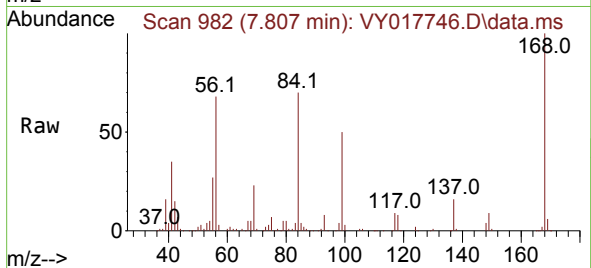
VSTDCCC050

Tgt Ion:168 Resp: 183636

Ion Ratio Lower Upper

168 100

99 50.0 39.1 58.7



#2

Dichlorodifluoromethane

Concen: 47.327 ug/l

RT: 1.918 min Scan# 16

Delta R.T. -0.000 min

Lab File: VY017746.D

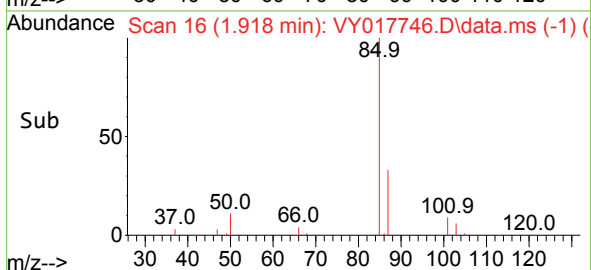
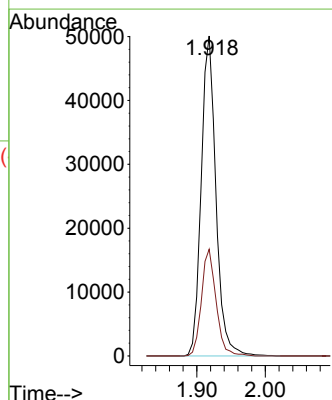
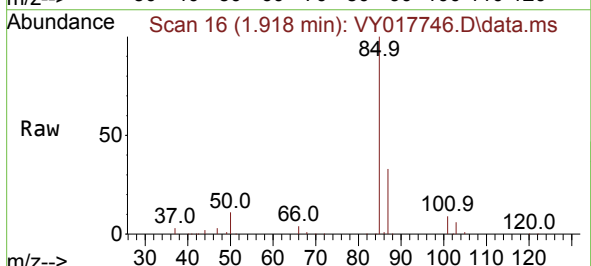
Acq: 25 Mar 2024 09:50

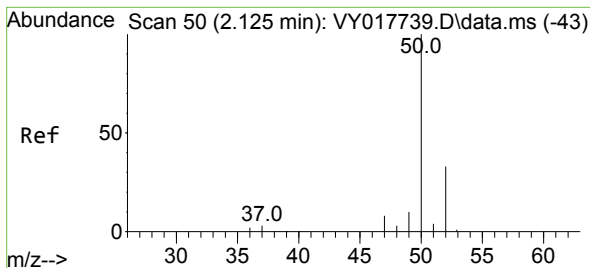
Tgt Ion: 85 Resp: 75031

Ion Ratio Lower Upper

85 100

87 33.3 16.0 48.0





#3

Chloromethane

Concen: 49.779 ug/l

RT: 2.131 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY017746.D

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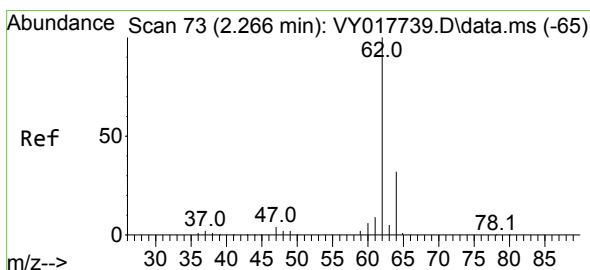
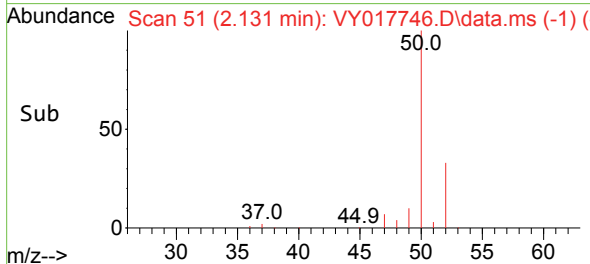
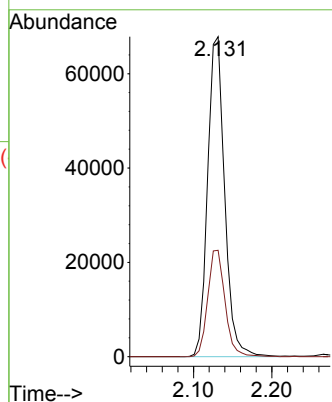
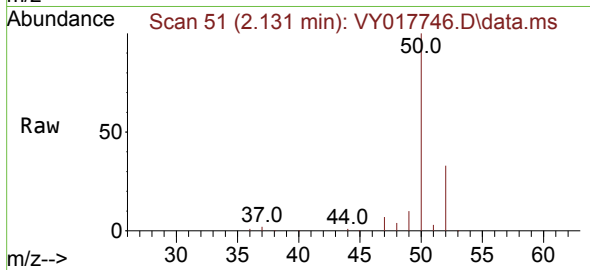
VSTDCCC050

Tgt Ion: 50 Resp: 102234

Ion Ratio Lower Upper

50 100

52 33.3 25.6 38.4



#4

Vinyl Chloride

Concen: 51.019 ug/l

RT: 2.265 min Scan# 73

Delta R.T. -0.000 min

Lab File: VY017746.D

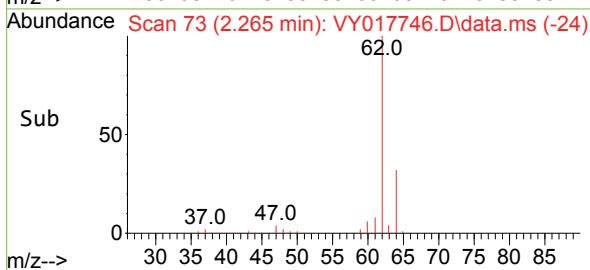
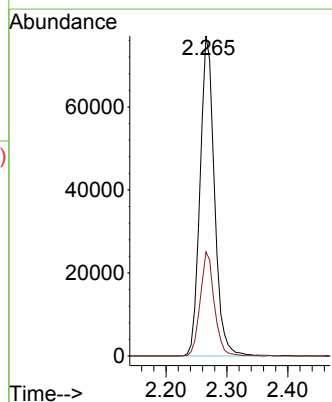
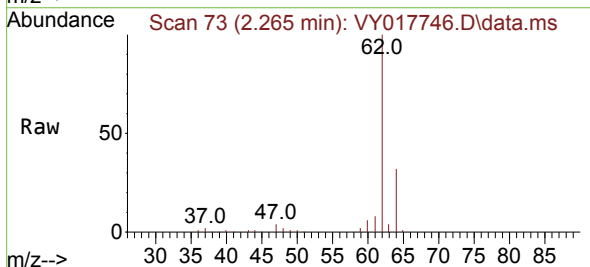
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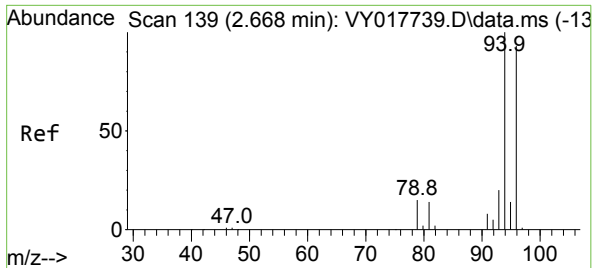
Tgt Ion: 62 Resp: 126691

Ion Ratio Lower Upper

62 100

64 32.5 26.1 39.1

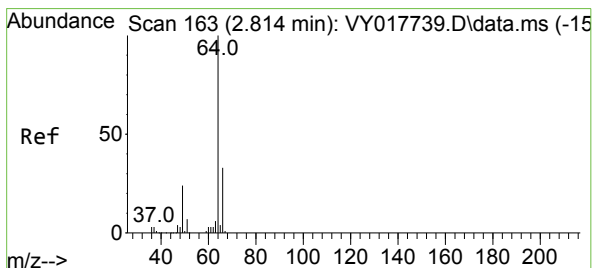
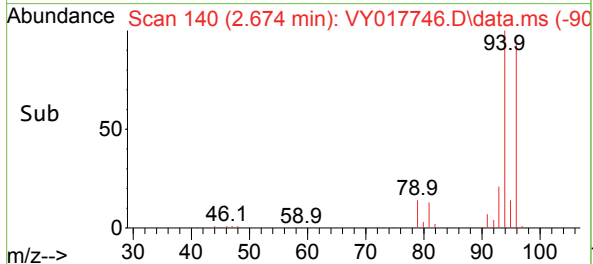
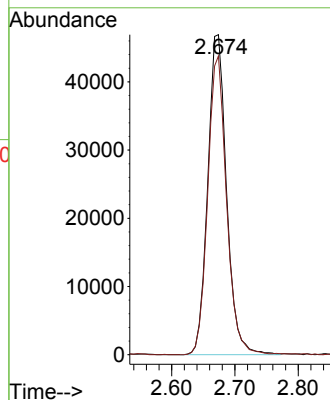
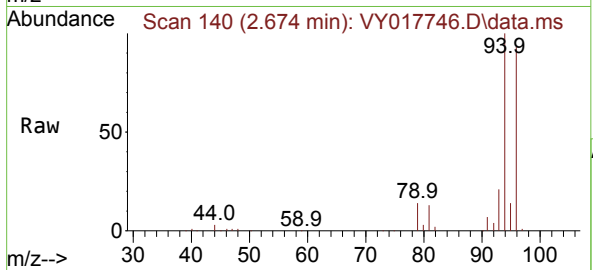




#5
Bromomethane
Concen: 50.075 ug/l
RT: 2.674 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY017746.D
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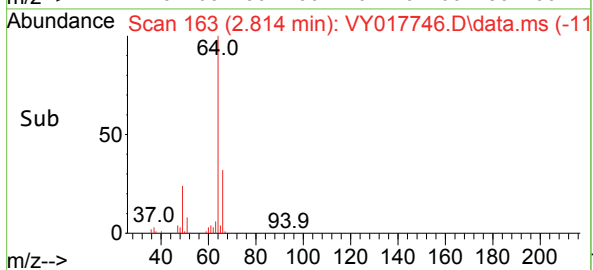
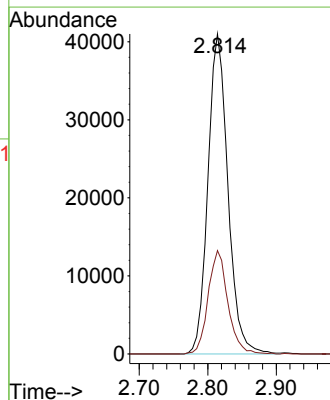
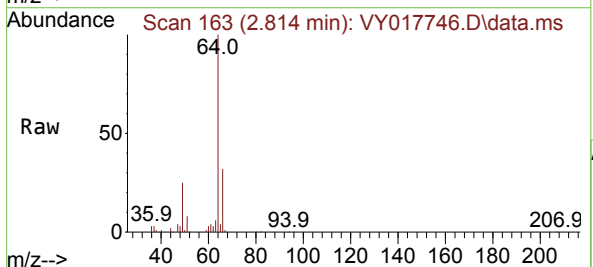
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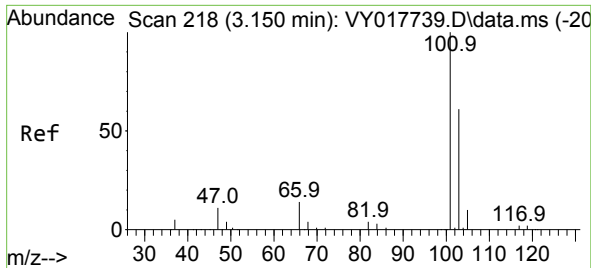
Tgt Ion: 94 Resp: 97089
Ion Ratio Lower Upper
94 100
96 93.4 74.1 111.1



#6
Chloroethane
Concen: 50.191 ug/l
RT: 2.814 min Scan# 163
Delta R.T. -0.000 min
Lab File: VY017746.D
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Tgt Ion: 64 Resp: 83297
Ion Ratio Lower Upper
64 100
66 32.3 26.1 39.1

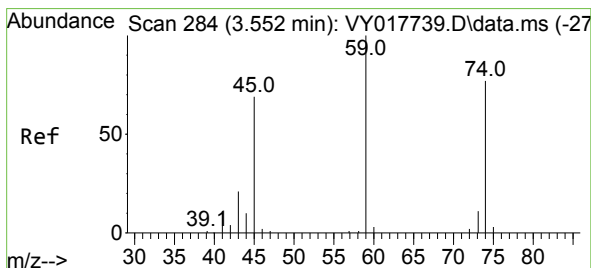
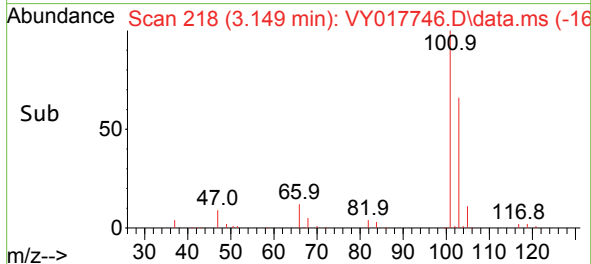
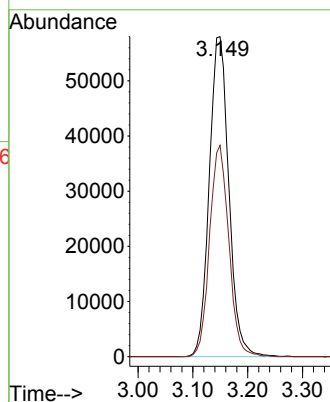
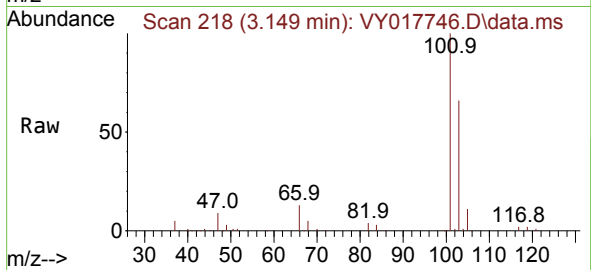




#7
 Trichlorofluoromethane
 Concen: 54.881 ug/l
 RT: 3.149 min Scan# 218
 Delta R.T. -0.000 min
 Lab File: VY017746.D
 Acq: 25 Mar 2024 09:50

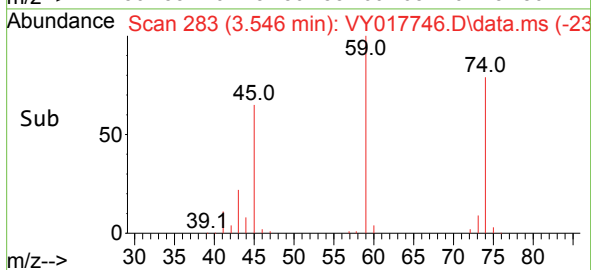
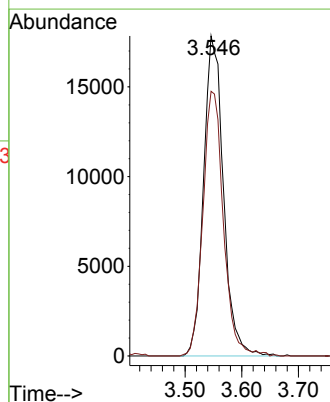
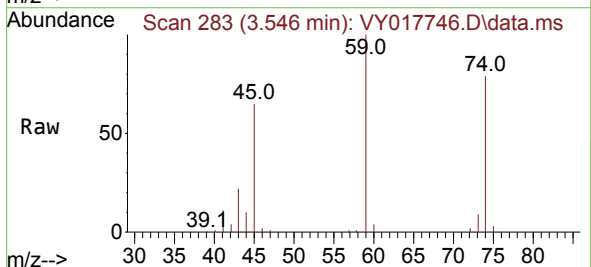
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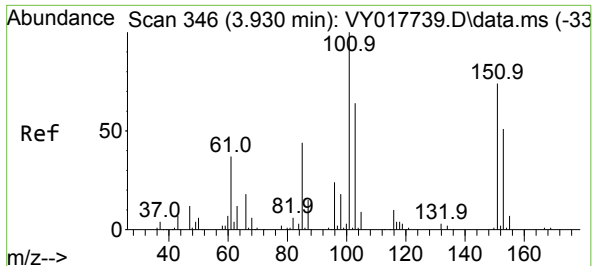
Tgt Ion:101 Resp: 143642
 Ion Ratio Lower Upper
 101 100
 103 66.1 49.3 73.9



#8
 Diethyl Ether
 Concen: 50.182 ug/l
 RT: 3.546 min Scan# 283
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 43302
 Ion Ratio Lower Upper
 74 100
 45 85.6 41.3 124.1

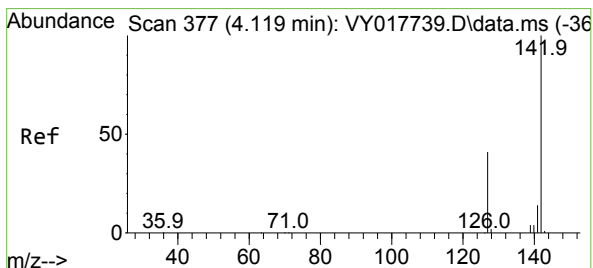
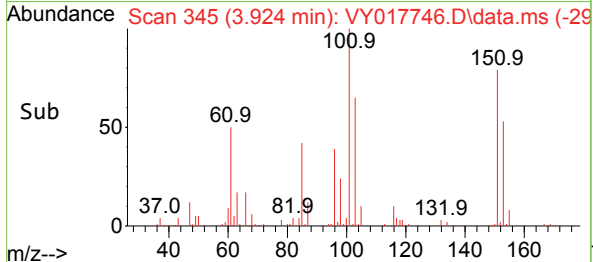
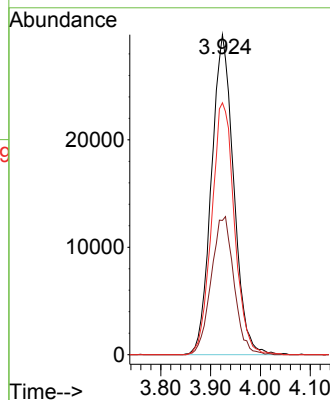
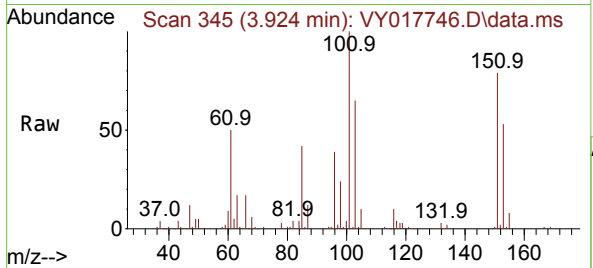




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.571 ug/l
RT: 3.924 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY017746.D
Acq: 25 Mar 2024 09:50

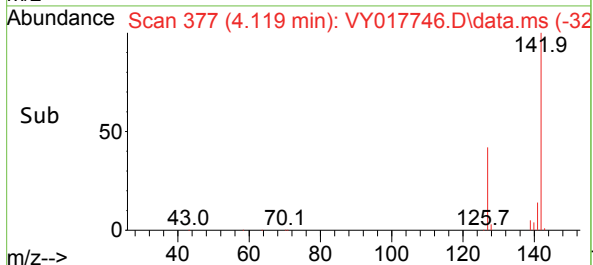
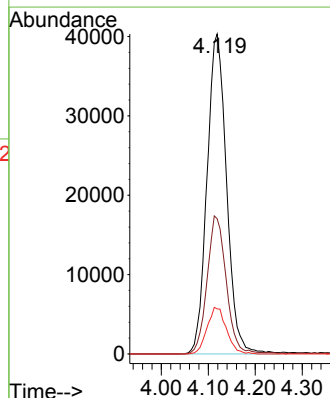
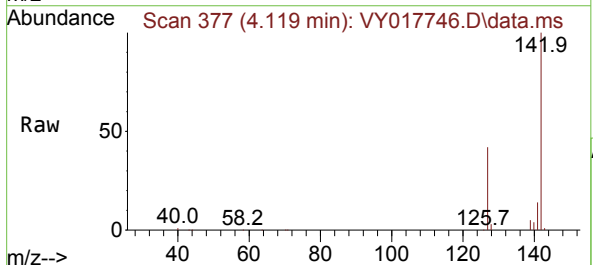
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

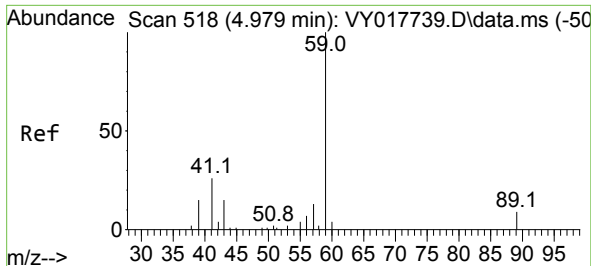
Tgt Ion:101 Resp: 92360
Ion Ratio Lower Upper
101 100
85 44.1 34.5 51.7
151 80.5 61.7 92.5



#10
Methyl Iodide
Concen: 51.253 ug/l
RT: 4.119 min Scan# 377
Delta R.T. -0.000 min
Lab File: VY017746.D
Acq: 25 Mar 2024 09:50

Tgt Ion:142 Resp: 116733
Ion Ratio Lower Upper
142 100
127 42.1 32.8 49.2
141 14.4 11.4 17.2

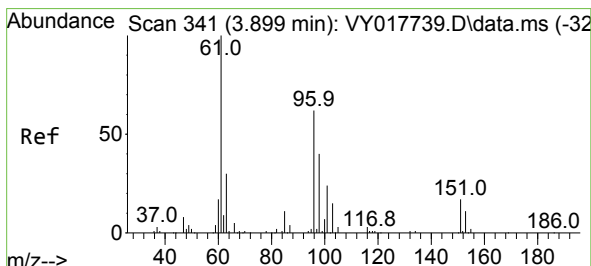
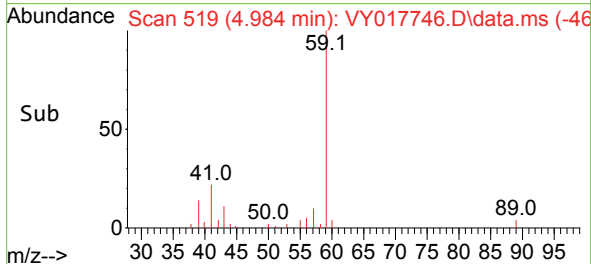
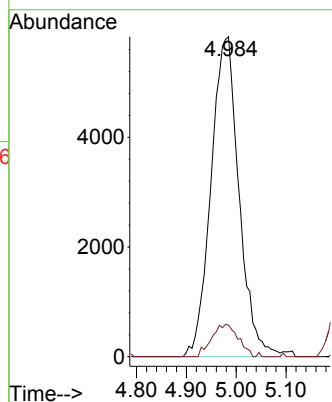
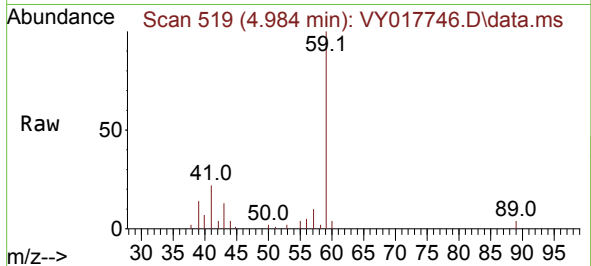




#11
Tert butyl alcohol
Concen: 213.580 ug/l
RT: 4.984 min Scan# 518
Delta R.T. 0.006 min
Lab File: VY017746.D
Acq: 25 Mar 2024 09:50

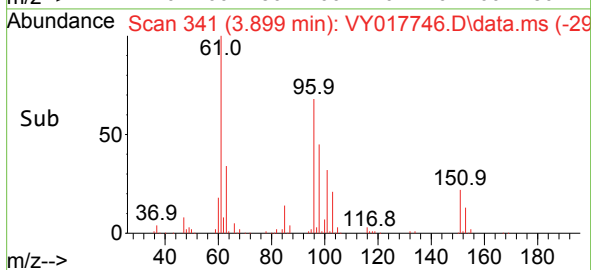
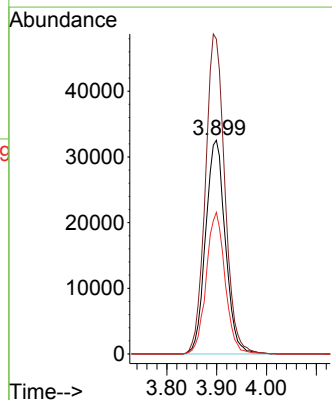
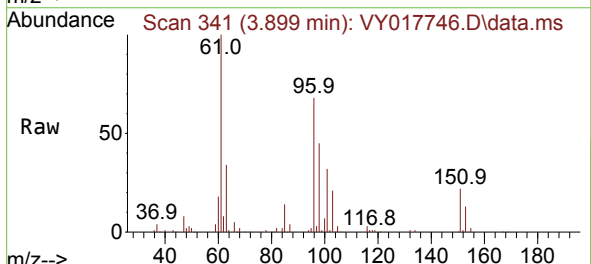
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

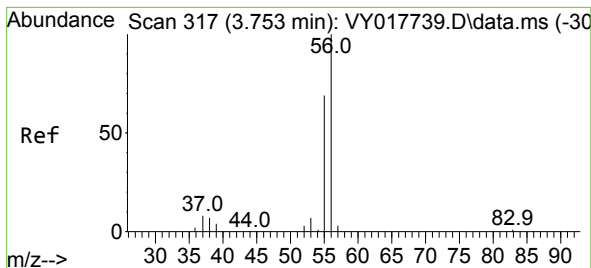
Tgt Ion: 59 Resp: 22727
Ion Ratio Lower Upper
59 100
57 9.6 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 51.034 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY017746.D
Acq: 25 Mar 2024 09:50

Tgt Ion: 96 Resp: 89440
Ion Ratio Lower Upper
96 100
61 147.3 114.6 171.8
98 66.3 50.8 76.2





#13

Acrolein

Concen: 266.567 ug/l

RT: 3.753 min Scan# 317

Delta R.T. -0.000 min

Lab File: VY017746.D

Acq: 25 Mar 2024 09:50

Instrument :

MSVOA_Y

ClientSampleId :

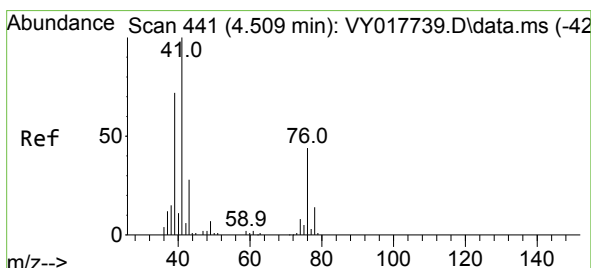
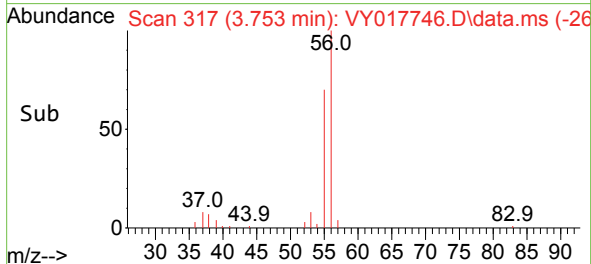
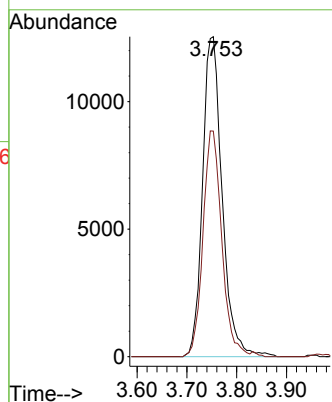
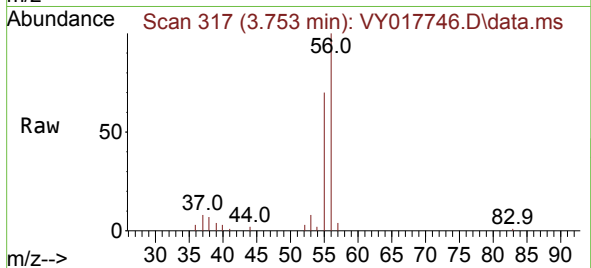
VSTDCCC050

Tgt Ion: 56 Resp: 34192

Ion Ratio Lower Upper

56 100

55 67.7 55.7 83.5



#14

Allyl chloride

Concen: 46.683 ug/l

RT: 4.509 min Scan# 441

Delta R.T. -0.000 min

Lab File: VY017746.D

Acq: 25 Mar 2024 09:50

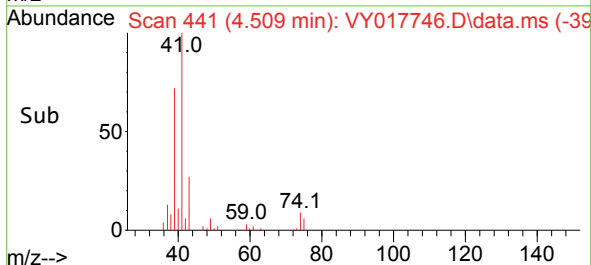
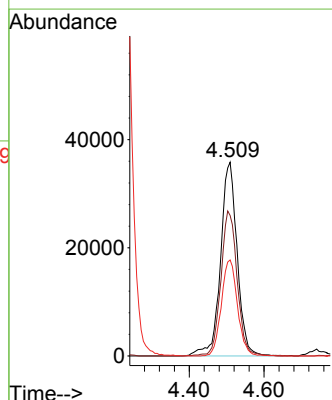
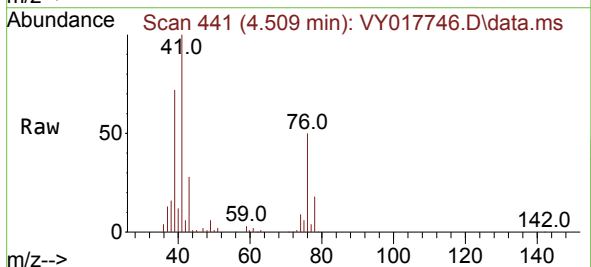
Tgt Ion: 41 Resp: 110879

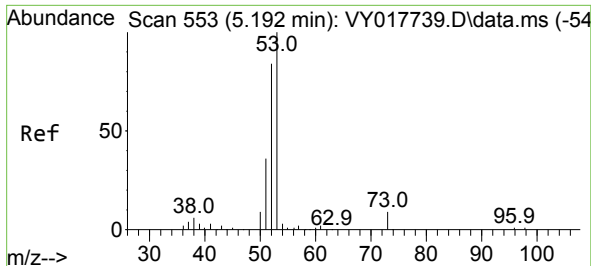
Ion Ratio Lower Upper

41 100

39 73.3 58.3 87.5

76 48.0 39.0 58.6

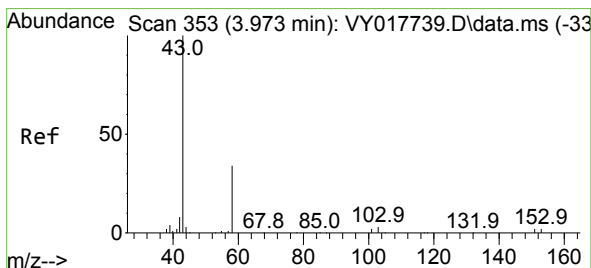
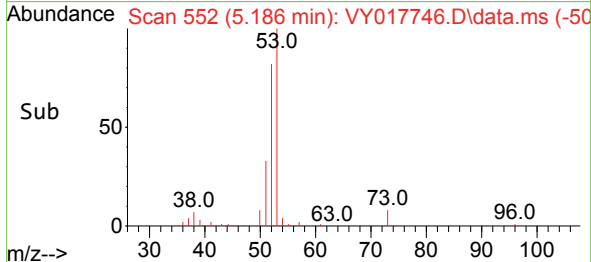
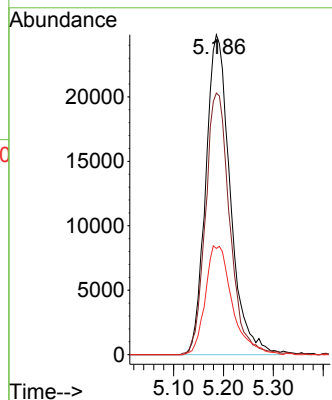
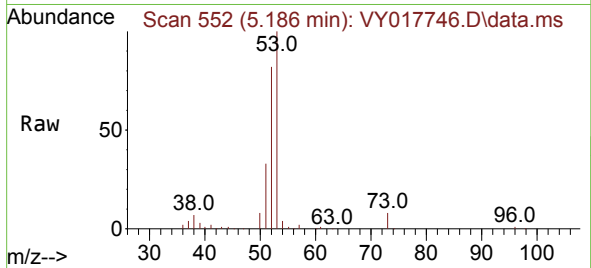




#15
Acrylonitrile
Concen: 237.379 ug/l
RT: 5.186 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY017746.D
Acq: 25 Mar 2024 09:50

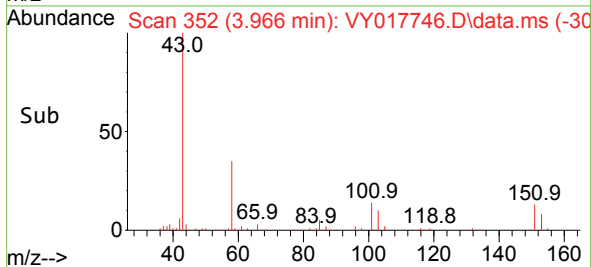
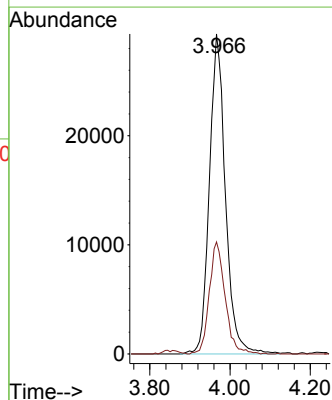
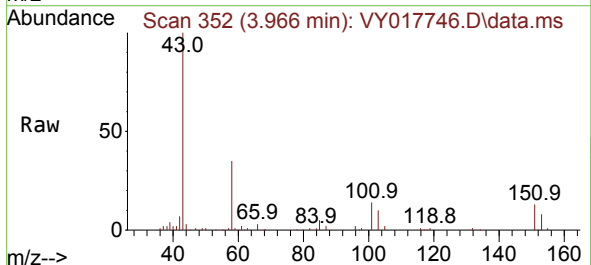
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

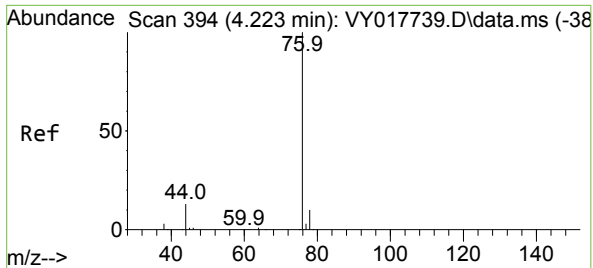
Tgt Ion: 53	Resp: 84854
Ion Ratio	Lower Upper
53	100
52	81.1 64.7 97.1
51	37.3 28.4 42.6



#16
Acetone
Concen: 290.222 ug/l
RT: 3.966 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY017746.D
Acq: 25 Mar 2024 09:50

Tgt Ion: 43	Resp: 81210
Ion Ratio	Lower Upper
43	100
58	35.0 31.7 47.5

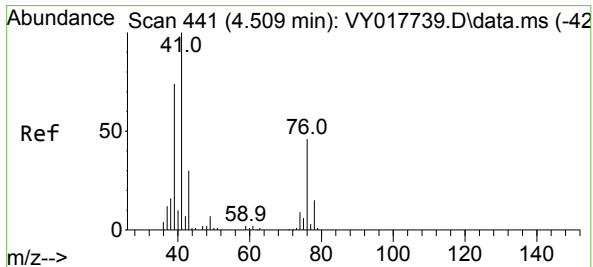
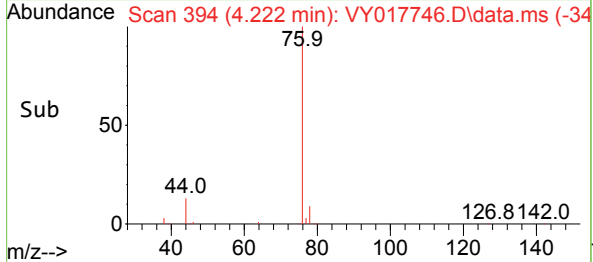
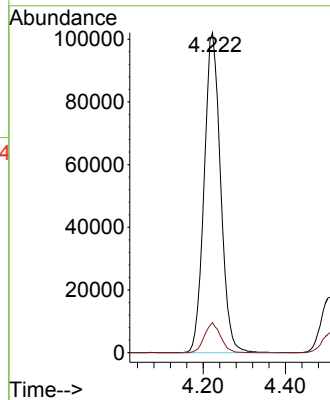
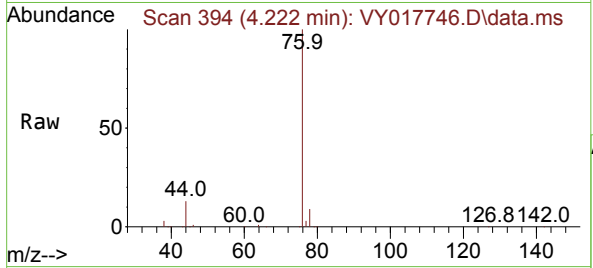




#17
Carbon Disulfide
Concen: 48.191 ug/l
RT: 4.222 min Scan# 394
Delta R.T. -0.000 min
Lab File: VY017746.D
Acq: 25 Mar 2024 09:50

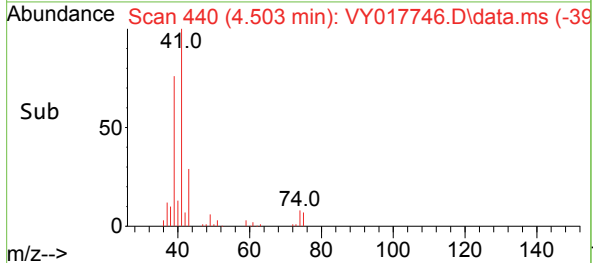
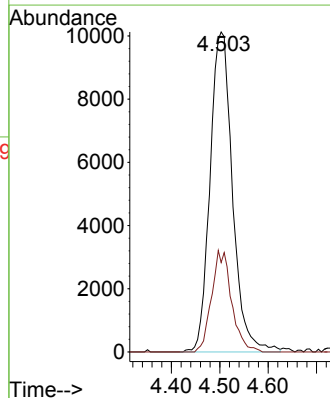
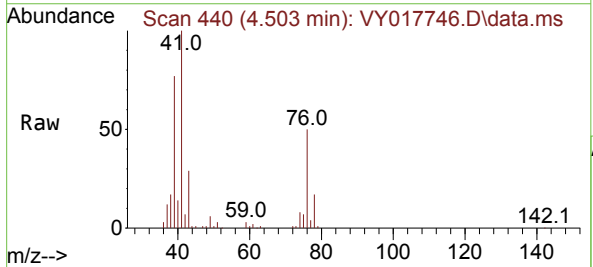
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

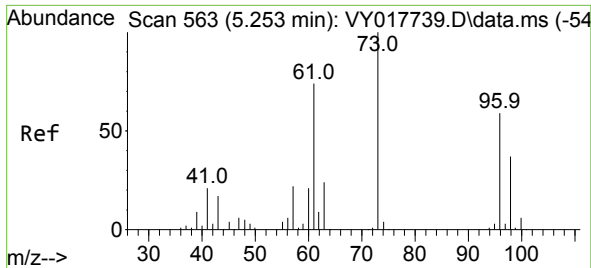
Tgt Ion: 76 Resp: 282601
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2



#18
Methyl Acetate
Concen: 46.325 ug/l
RT: 4.503 min Scan# 440
Delta R.T. -0.006 min
Lab File: VY017746.D
Acq: 25 Mar 2024 09:50

Tgt Ion: 43 Resp: 32637
Ion Ratio Lower Upper
43 100
74 28.3 23.3 34.9

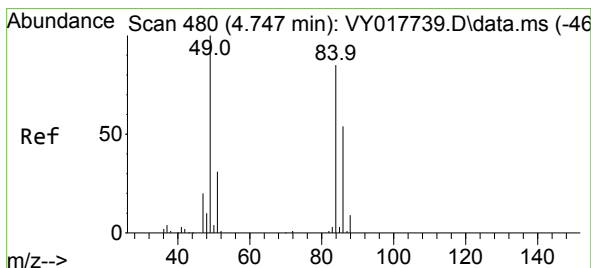
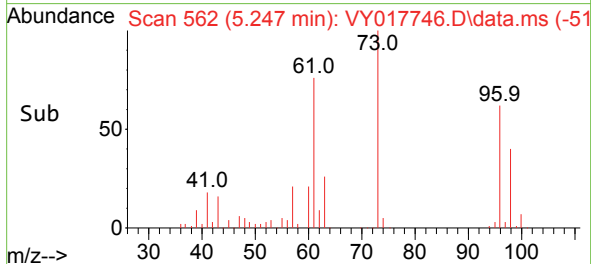
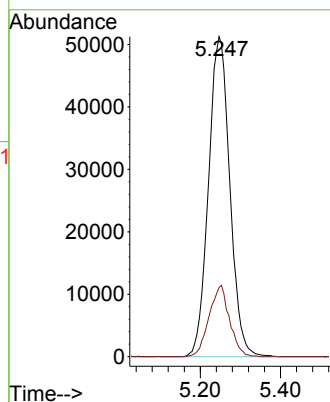
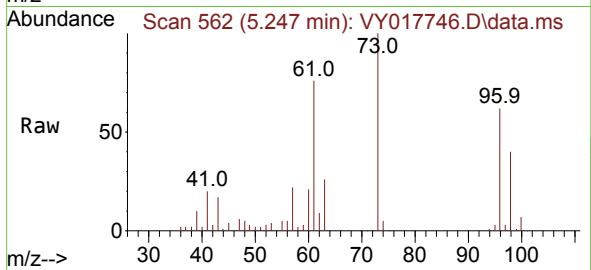




#19
Methyl tert-butyl Ether
Concen: 50.077 ug/l
RT: 5.247 min Scan# 50
Delta R.T. -0.006 min
Lab File: VY017746.D
Acq: 25 Mar 2024 09:50

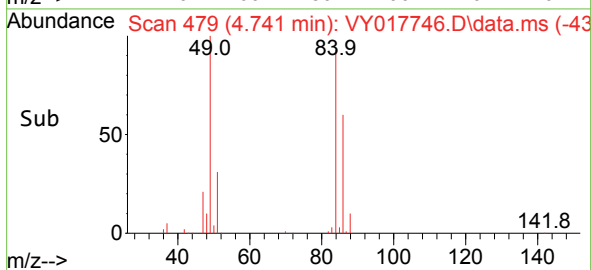
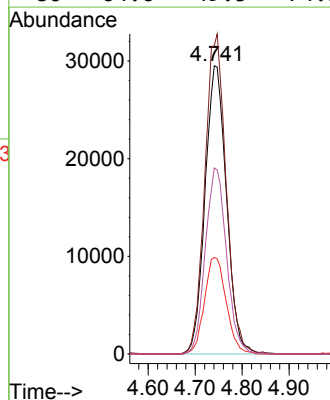
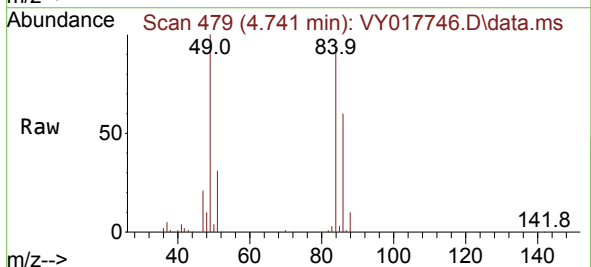
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

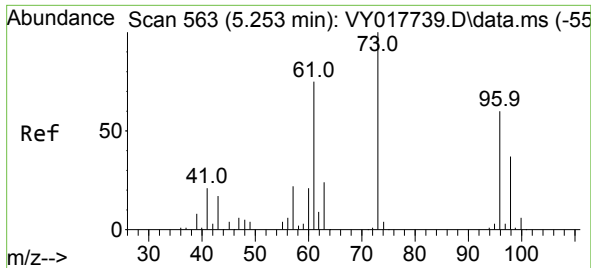
Tgt Ion: 73 Resp: 189231
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9



#20
Methylene Chloride
Concen: 45.958 ug/l
RT: 4.741 min Scan# 479
Delta R.T. -0.006 min
Lab File: VY017746.D
Acq: 25 Mar 2024 09:50

Tgt Ion: 84 Resp: 93526
Ion Ratio Lower Upper
84 100
49 107.0 84.4 126.6
51 33.5 26.0 39.0
86 64.6 49.5 74.3

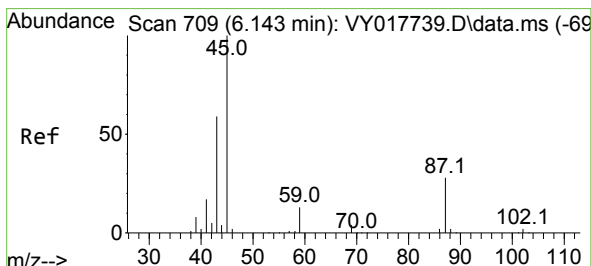
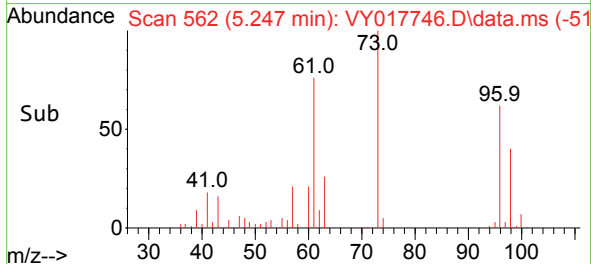
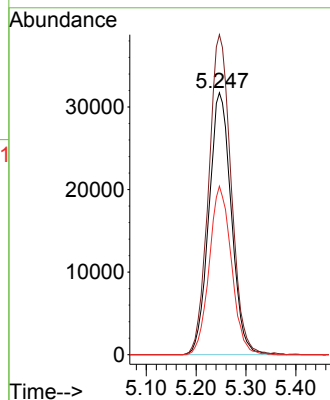
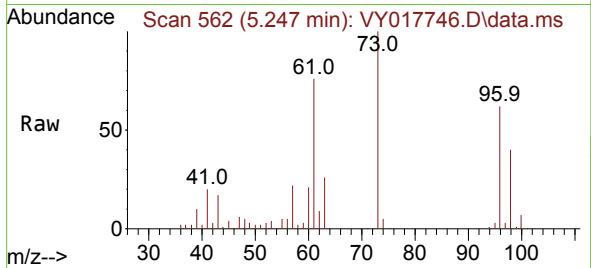




#21
trans-1,2-Dichloroethene
Concen: 49.452 ug/l
RT: 5.247 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY017746.D
Acq: 25 Mar 2024 09:50

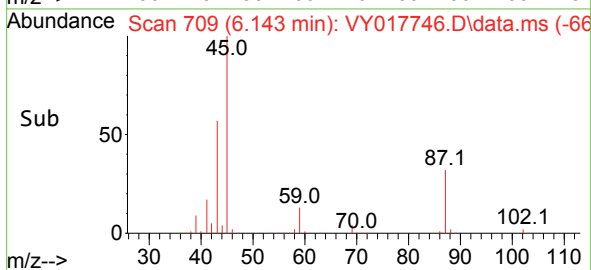
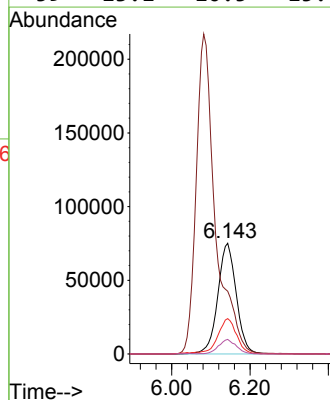
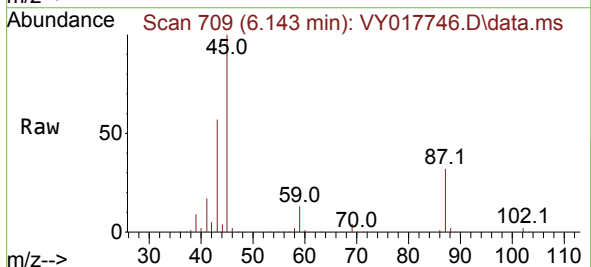
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

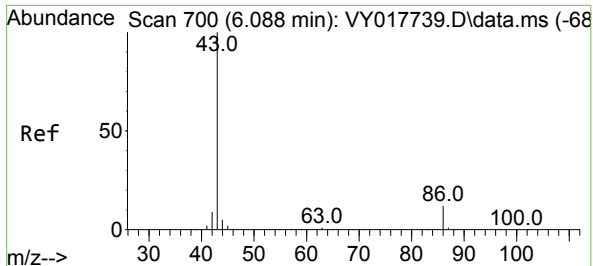
Tgt Ion: 96 Resp: 98802
Ion Ratio Lower Upper
96 100
61 122.2 97.5 146.3
98 64.3 50.5 75.7



#22
Diisopropyl ether
Concen: 47.728 ug/l
RT: 6.143 min Scan# 709
Delta R.T. -0.000 min
Lab File: VY017746.D
Acq: 25 Mar 2024 09:50

Tgt Ion: 45 Resp: 246822
Ion Ratio Lower Upper
45 100
43 56.1 42.2 63.2
87 31.9 25.0 37.6
59 13.1 10.5 15.7

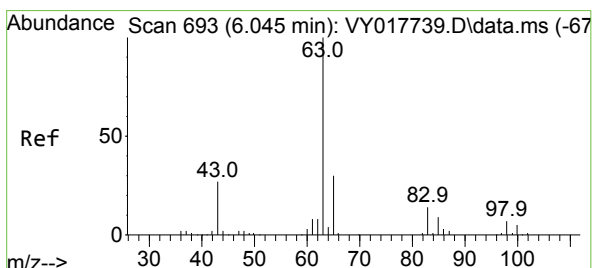
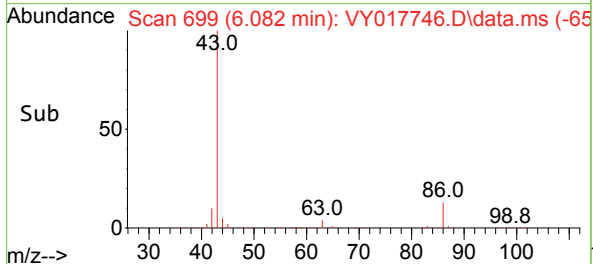
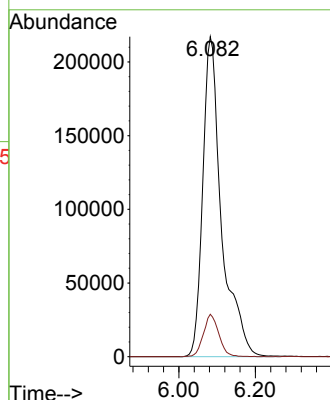
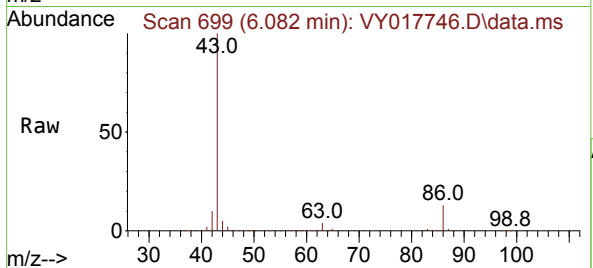




#23
 Vinyl Acetate
 Concen: 243.754 ug/l
 RT: 6.082 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VY017746.D
 Acq: 25 Mar 2024 09:50

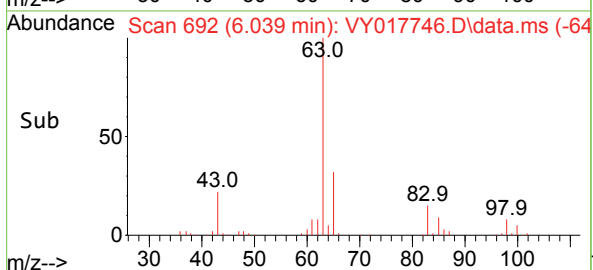
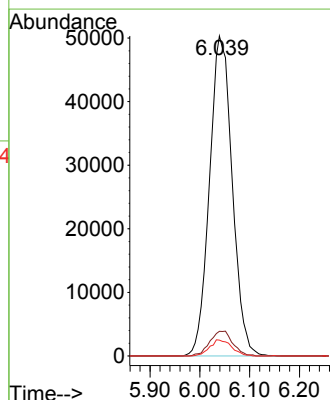
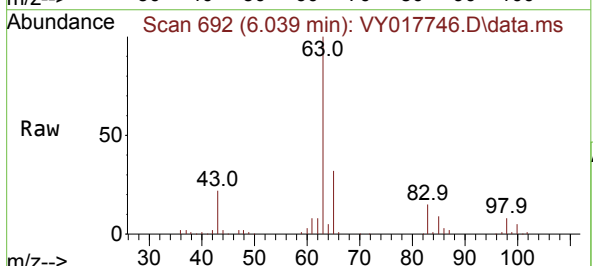
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

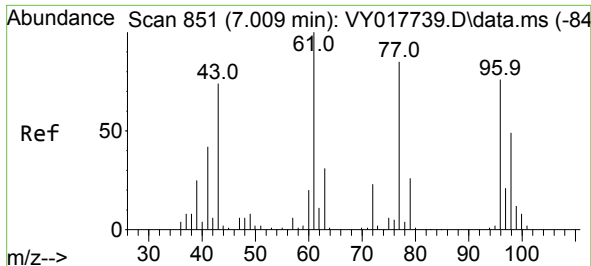
Tgt Ion: 43 Resp: 740382
 Ion Ratio Lower Upper
 43 100
 86 13.3 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 46.899 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. -0.006 min
 Lab File: VY017746.D
 Acq: 25 Mar 2024 09:50

Tgt Ion: 63 Resp: 159415
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.0 12.2
 100 5.0 2.6 8.0

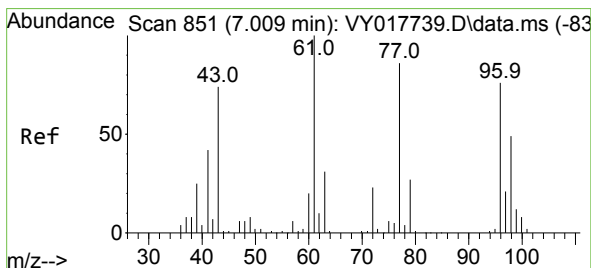
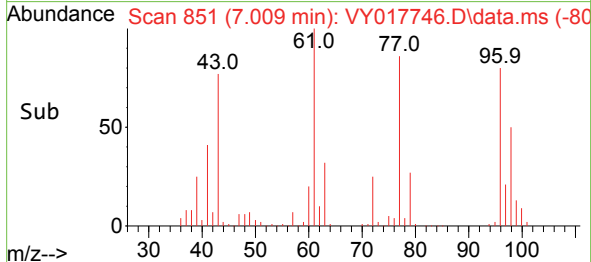
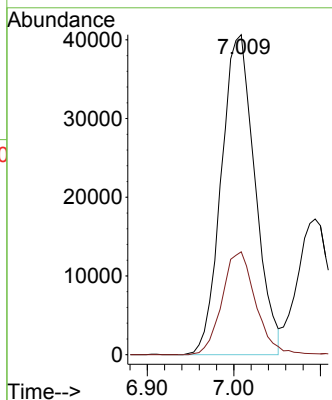
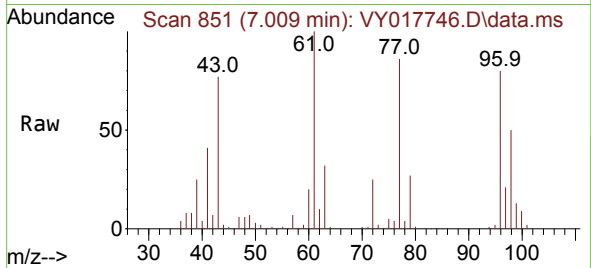




#25
2-Butanone
Concen: 231.386 ug/l
RT: 7.009 min Scan# 851
Delta R.T. -0.000 min
Lab File: VY017746.D
Acq: 25 Mar 2024 09:50

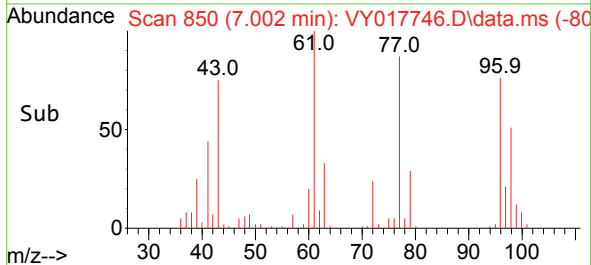
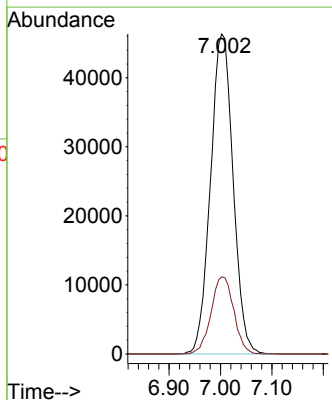
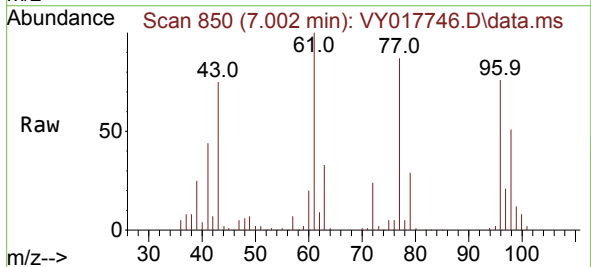
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

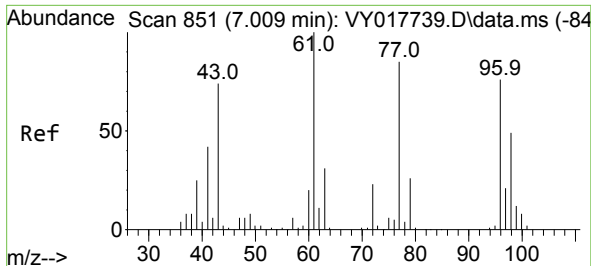
Tgt Ion: 43 Resp: 109693
Ion Ratio Lower Upper
43 100
72 32.2 27.3 40.9



#26
2,2-Dichloropropane
Concen: 48.915 ug/l
RT: 7.002 min Scan# 850
Delta R.T. -0.006 min
Lab File: VY017746.D
Acq: 25 Mar 2024 09:50

Tgt Ion: 77 Resp: 141328
Ion Ratio Lower Upper
77 100
97 24.3 12.0 36.1

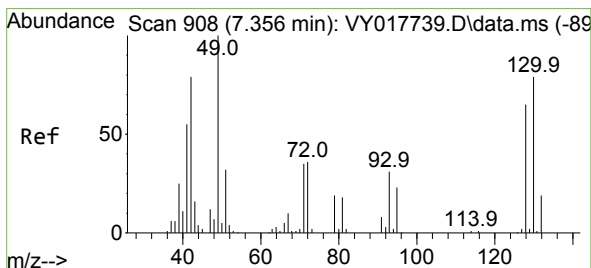
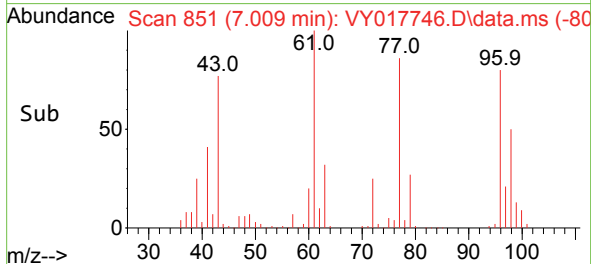
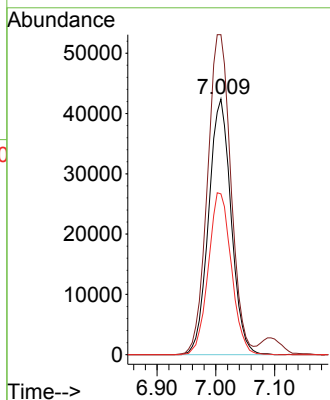
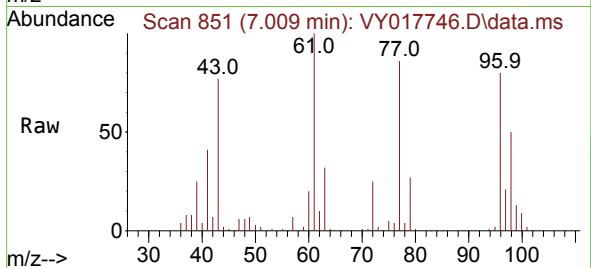




#27
 cis-1,2-Dichloroethene
 Concen: 49.963 ug/l
 RT: 7.009 min Scan# 851
 Delta R.T. -0.000 min
 Lab File: VY017746.D
 Acq: 25 Mar 2024 09:50

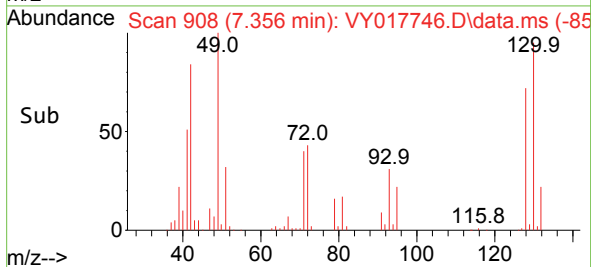
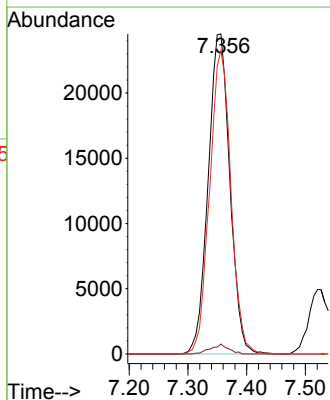
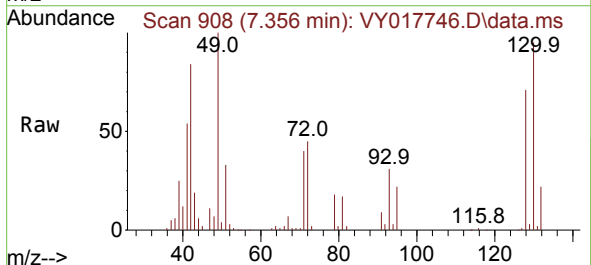
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

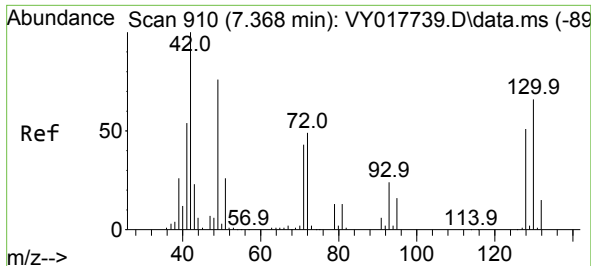
Tgt Ion: 96 Resp: 112915
 Ion Ratio Lower Upper
 96 100
 61 130.4 0.0 256.2
 98 64.7 0.0 130.0



#28
 Bromochloromethane
 Concen: 47.740 ug/l
 RT: 7.356 min Scan# 908
 Delta R.T. -0.000 min
 Lab File: VY017746.D
 Acq: 25 Mar 2024 09:50

Tgt Ion: 49 Resp: 62910
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.6
 130 92.8 72.7 109.1





#29

Tetrahydrofuran

Concen: 222.638 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.000 min

Lab File: VY017746.D

Acq: 25 Mar 2024 09:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

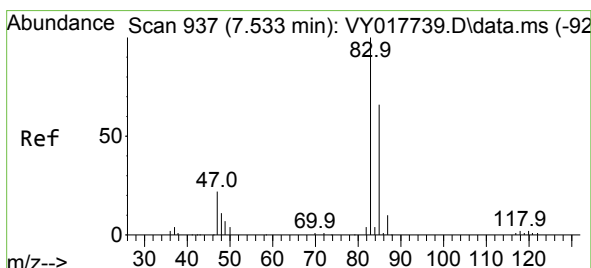
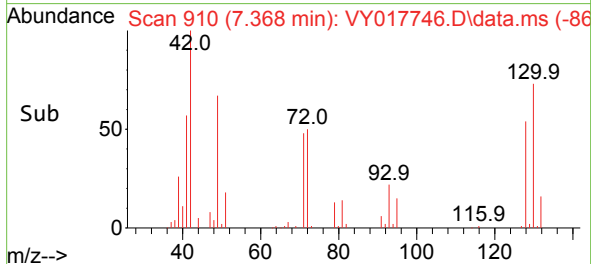
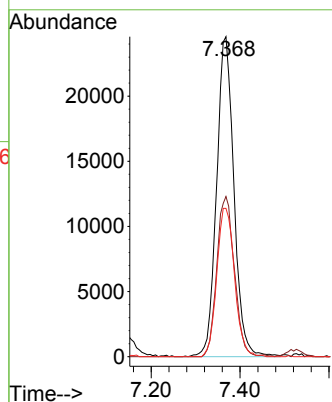
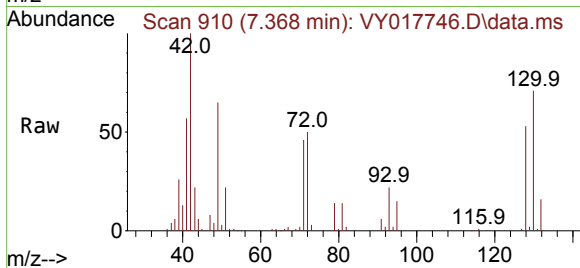
Tgt Ion: 42 Resp: 66412

Ion Ratio Lower Upper

42 100

72 50.5 43.0 64.4

71 47.5 40.8 61.2



#30

Chloroform

Concen: 48.326 ug/l

RT: 7.521 min Scan# 935

Delta R.T. -0.012 min

Lab File: VY017746.D

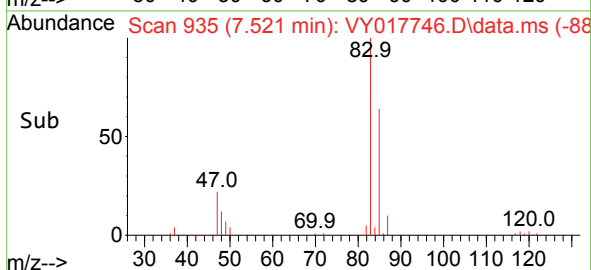
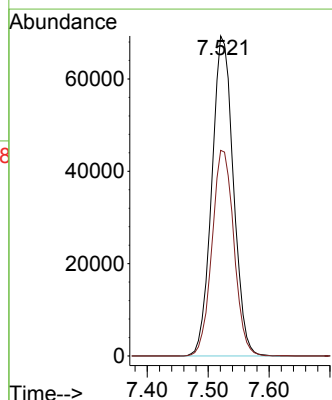
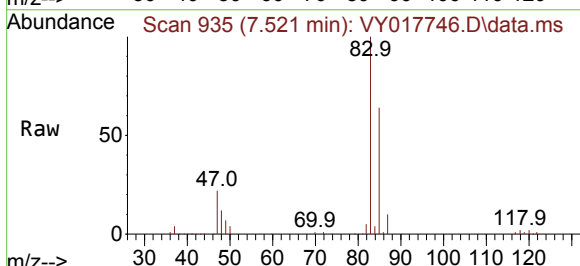
Acq: 25 Mar 2024 09:50

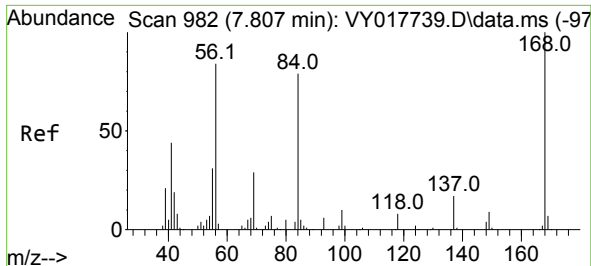
Tgt Ion: 83 Resp: 170290

Ion Ratio Lower Upper

83 100

85 64.2 52.2 78.4

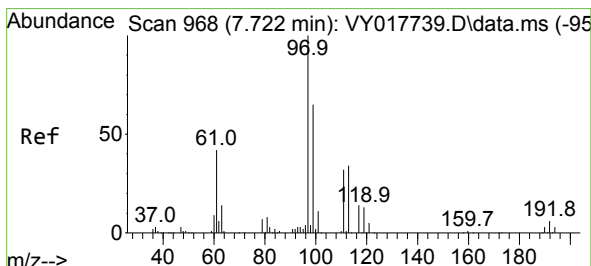
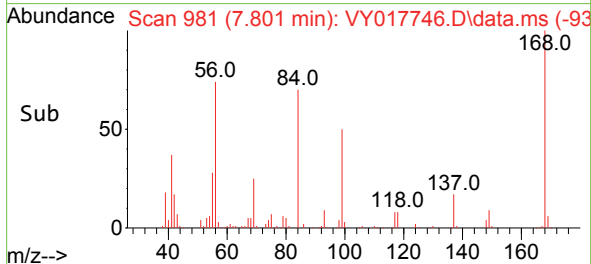
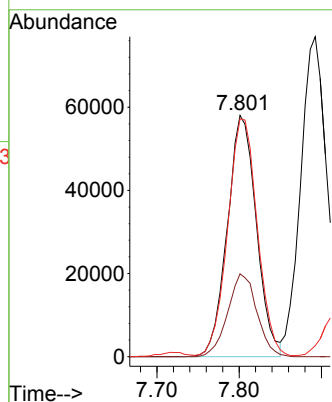
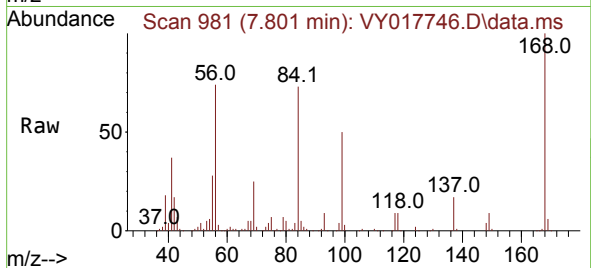




#31
Cyclohexane
Concen: 45.182 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY017746.D
Acq: 25 Mar 2024 09:50

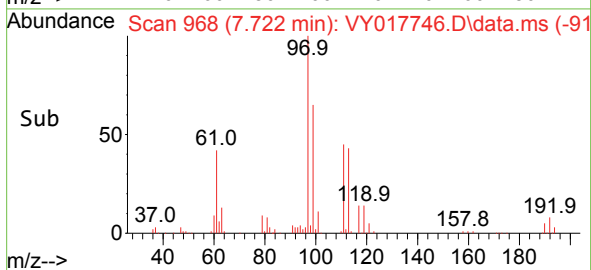
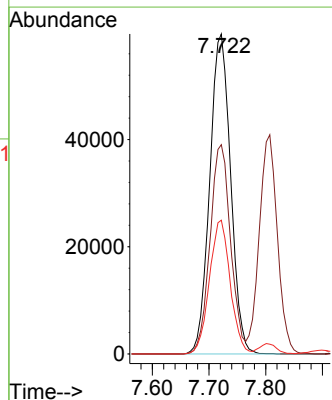
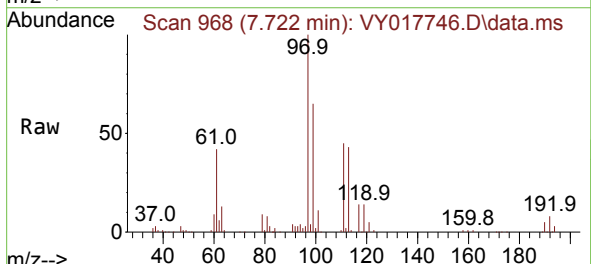
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

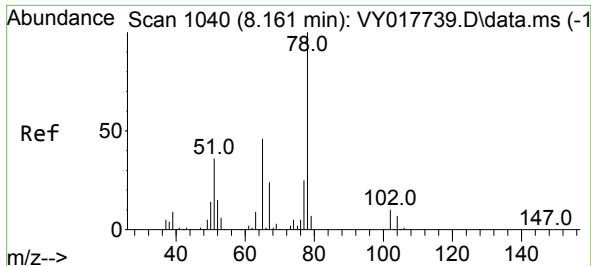
Tgt Ion: 56 Resp: 142960
Ion Ratio Lower Upper
56 100
69 34.4 28.7 43.1
84 96.9 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 49.632 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY017746.D
Acq: 25 Mar 2024 09:50

Tgt Ion: 97 Resp: 152313
Ion Ratio Lower Upper
97 100
99 64.7 50.3 75.5
61 41.9 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 46.008 ug/l

RT: 8.161 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VY017746.D

Acq: 25 Mar 2024 09:50

Instrument :

MSVOA_Y

ClientSampleId :

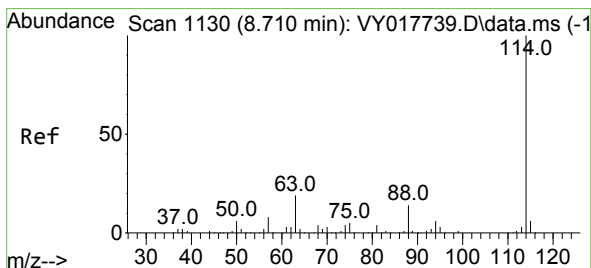
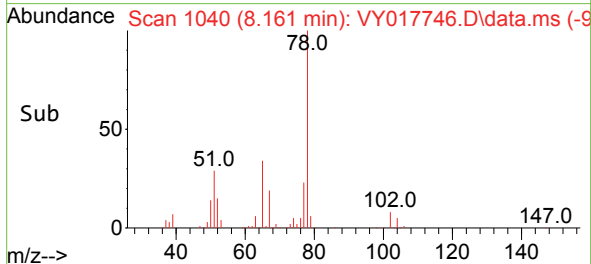
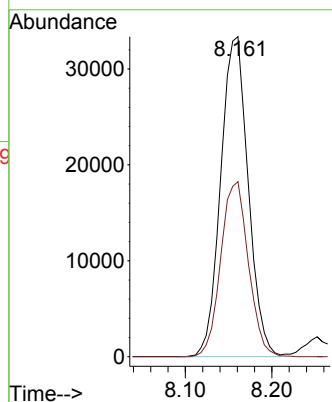
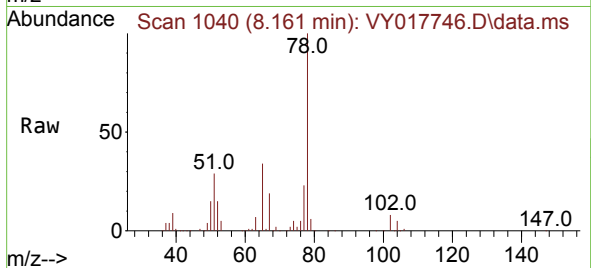
VSTDCCC050

Tgt Ion: 65 Resp: 73604

Ion Ratio Lower Upper

65 100

67 55.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VY017746.D

Acq: 25 Mar 2024 09:50

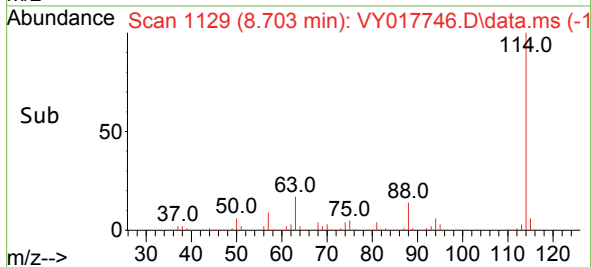
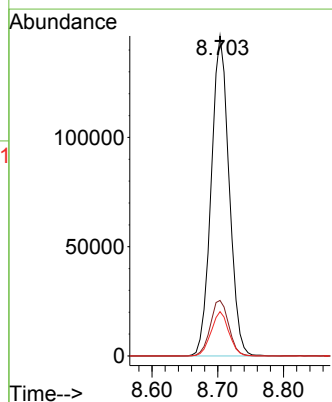
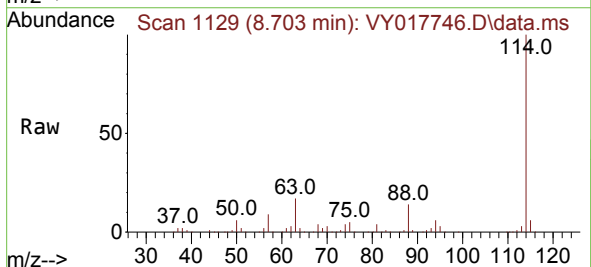
Tgt Ion: 114 Resp: 277426

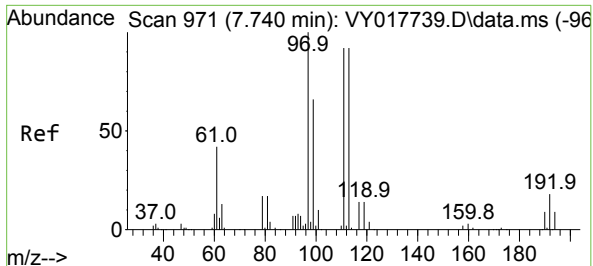
Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.0

88 13.8 0.0 27.2

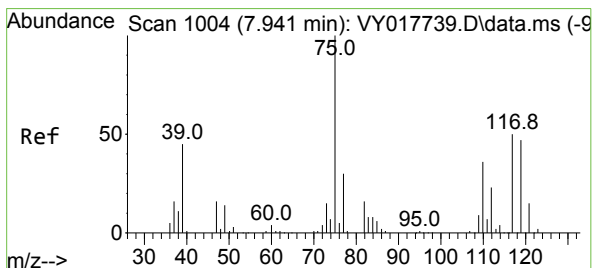
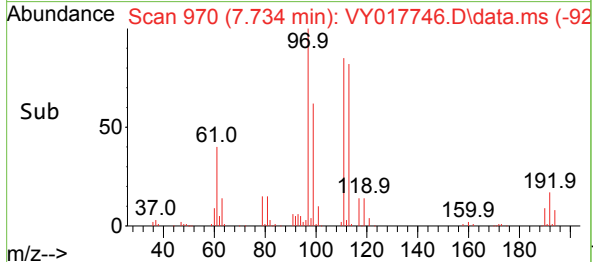
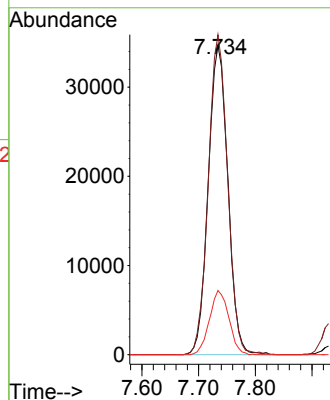
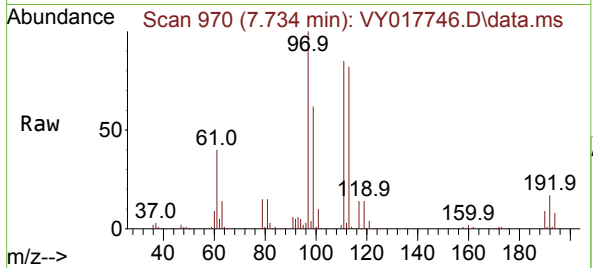




#35
Dibromofluoromethane
Concen: 50.264 ug/l
RT: 7.734 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017746.D
Acq: 25 Mar 2024 09:50

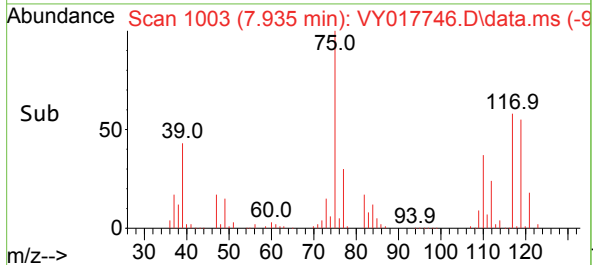
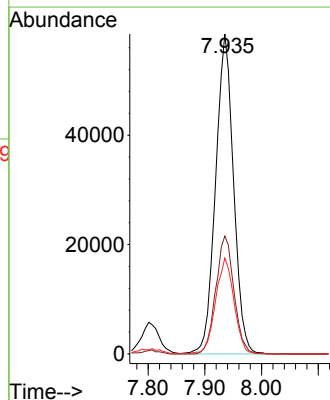
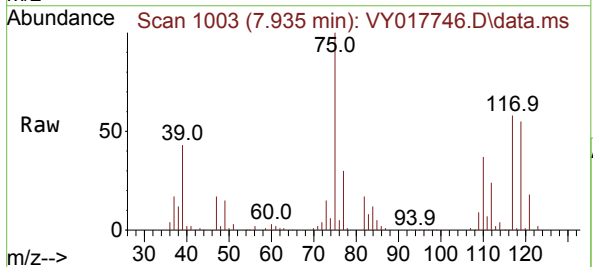
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

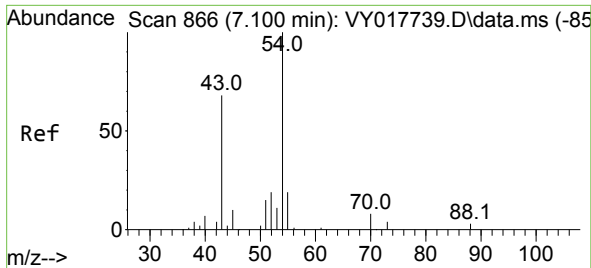
Tgt Ion:113 Resp: 83355
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 20.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 50.179 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY017746.D
Acq: 25 Mar 2024 09:50

Tgt Ion: 75 Resp: 128558
Ion Ratio Lower Upper
75 100
110 37.3 19.0 57.0
77 30.8 25.3 37.9

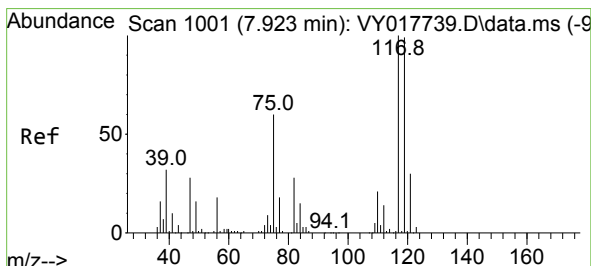
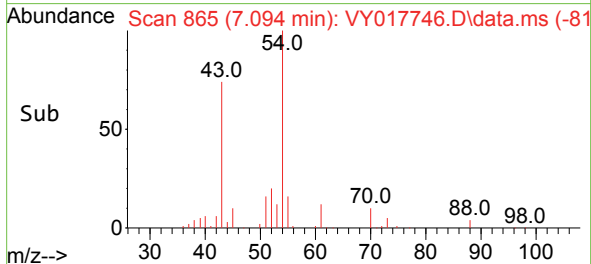
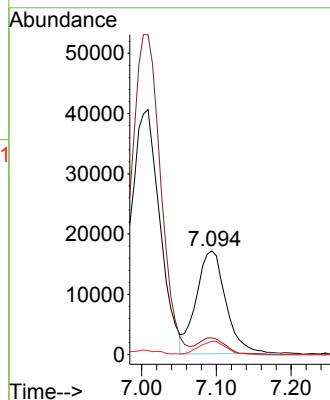
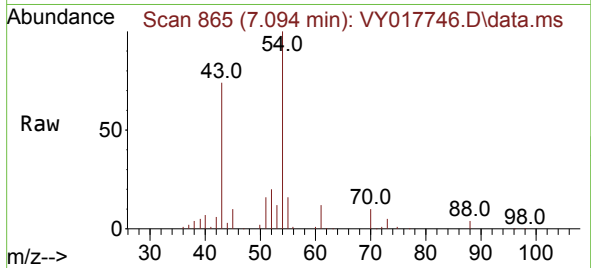




#37
Ethyl Acetate
Concen: 47.573 ug/l
RT: 7.094 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY017746.D
Acq: 25 Mar 2024 09:50

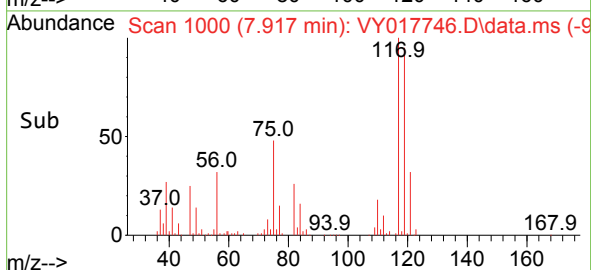
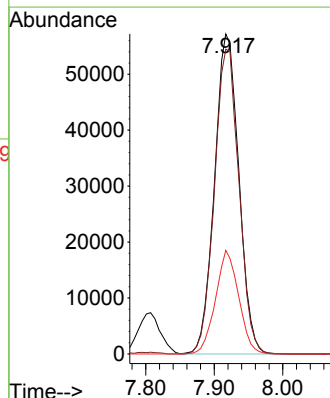
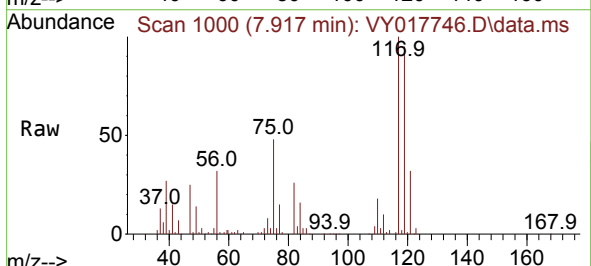
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

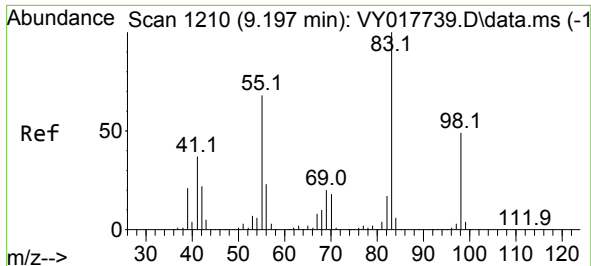
Tgt Ion: 43 Resp: 46833
Ion Ratio Lower Upper
43 100
61 15.9 12.6 19.0
70 12.2 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 52.512 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY017746.D
Acq: 25 Mar 2024 09:50

Tgt Ion: 117 Resp: 140868
Ion Ratio Lower Upper
117 100
119 95.3 75.8 113.6
121 32.3 24.0 36.0

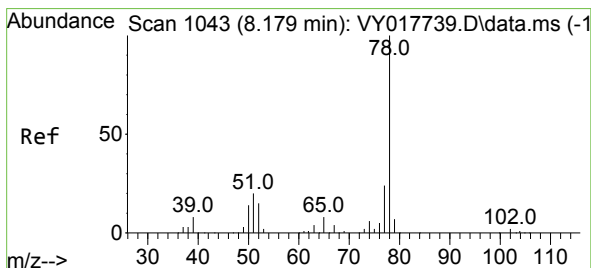
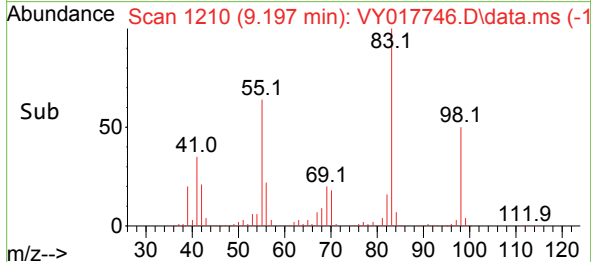
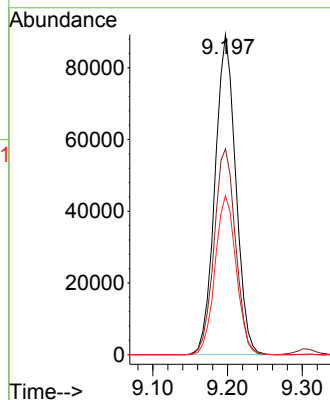
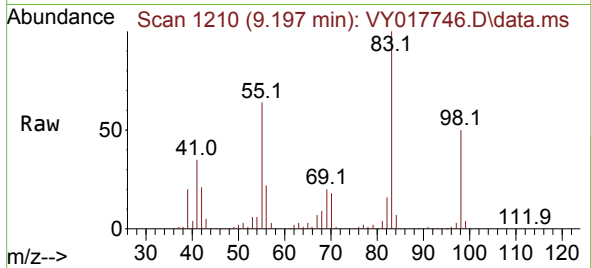




#39
Methylcyclohexane
Concen: 52.406 ug/l
RT: 9.197 min Scan# 1210
Delta R.T. -0.000 min
Lab File: VY017746.D
Acq: 25 Mar 2024 09:50

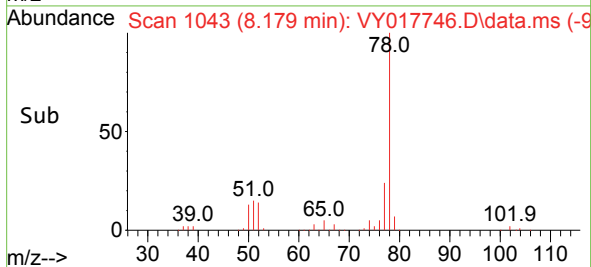
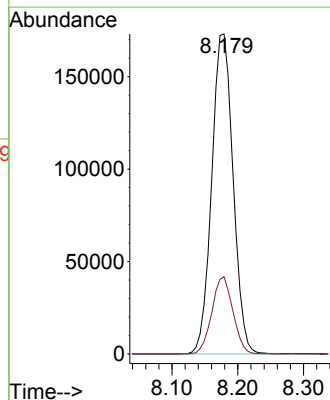
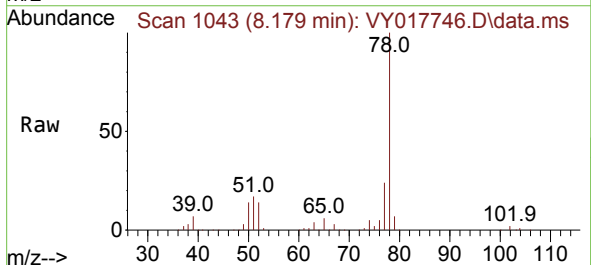
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

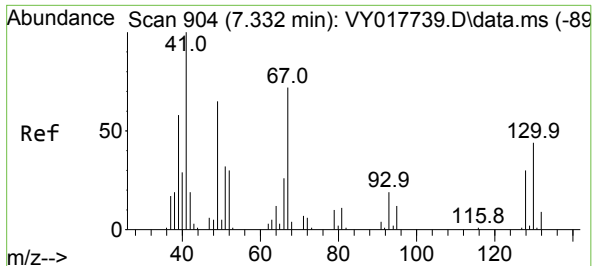
Tgt Ion: 83 Resp: 172352
Ion Ratio Lower Upper
83 100
55 64.4 51.5 77.3
98 49.7 40.5 60.7



#40
Benzene
Concen: 51.024 ug/l
RT: 8.179 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY017746.D
Acq: 25 Mar 2024 09:50

Tgt Ion: 78 Resp: 391301
Ion Ratio Lower Upper
78 100
77 24.1 19.5 29.3



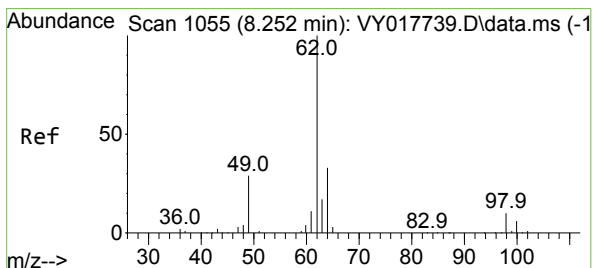
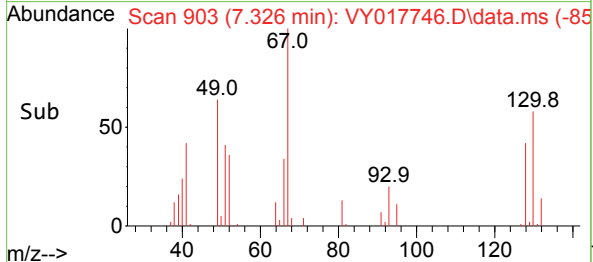
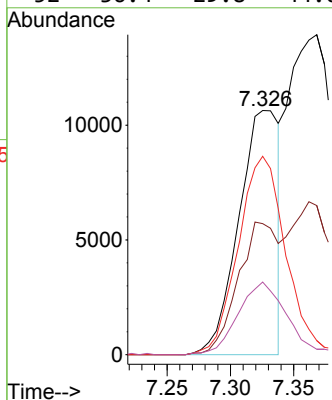
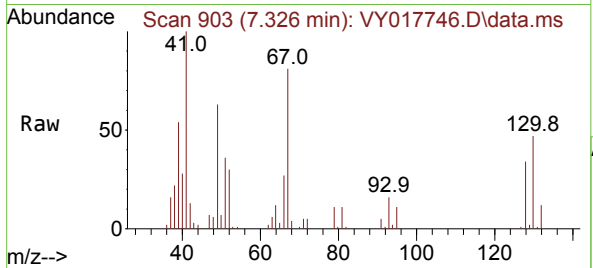


#41
Methacrylonitrile
Concen: 48.406 ug/l
RT: 7.326 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY017746.D
Acq: 25 Mar 2024 09:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 23539

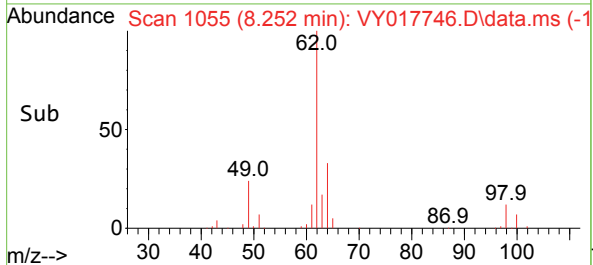
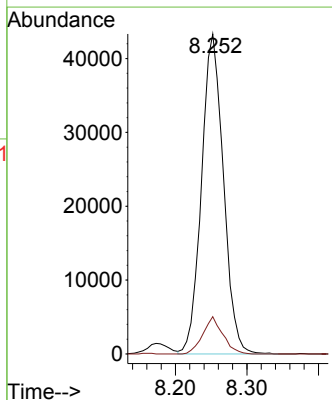
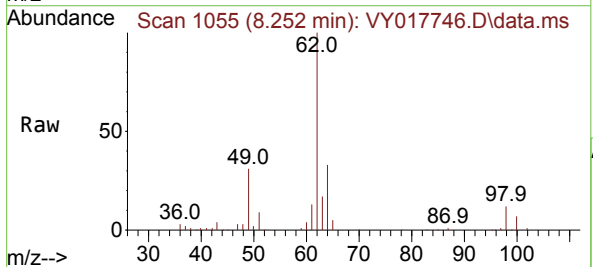
Ion	Ratio	Lower	Upper
41	100		
39	53.2	48.0	72.0
67	97.0	75.1	112.7
52	36.4	29.8	44.6

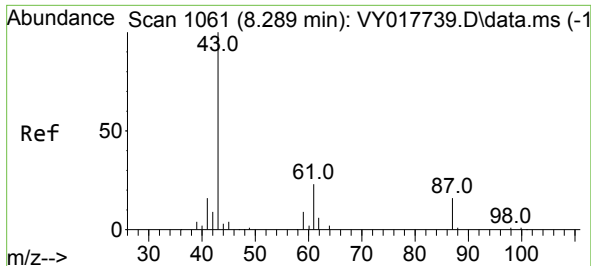


#42
1,2-Dichloroethane
Concen: 50.213 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VY017746.D
Acq: 25 Mar 2024 09:50

Tgt Ion: 62 Resp: 92235

Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	22.0

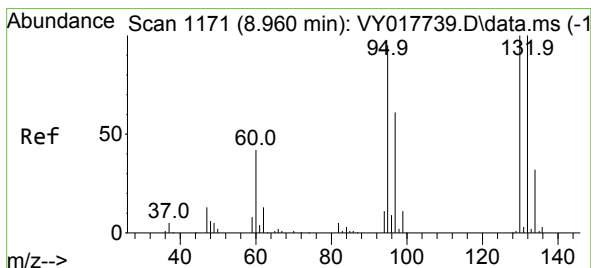
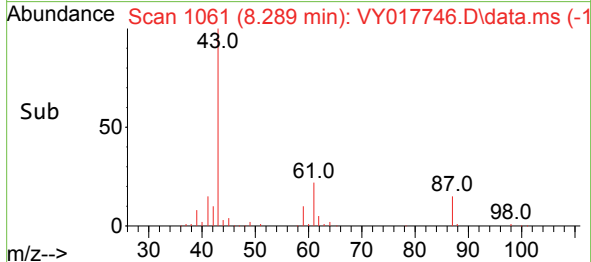
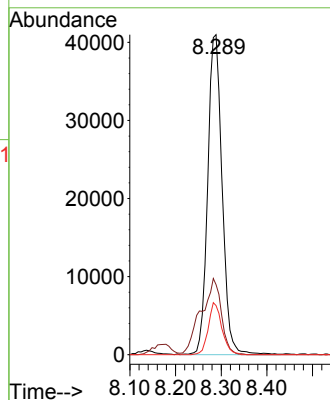
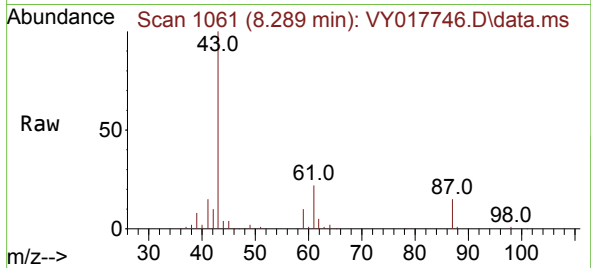




#43
Isopropyl Acetate
Concen: 46.253 ug/l
RT: 8.289 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY017746.D
Acq: 25 Mar 2024 09:50

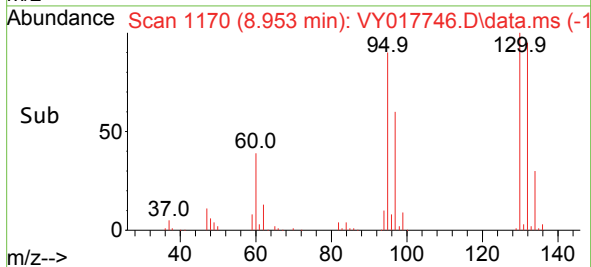
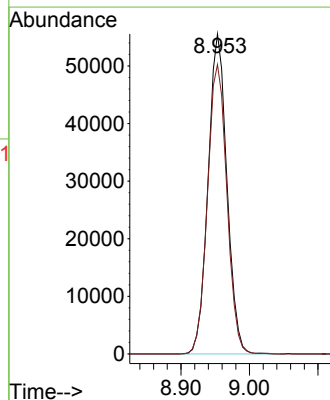
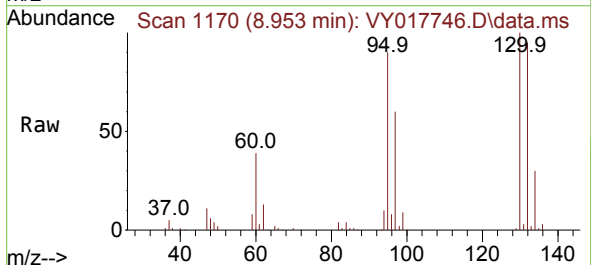
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

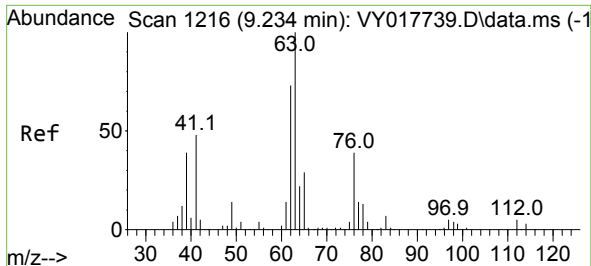
Tgt Ion: 43 Resp: 89979
Ion Ratio Lower Upper
43 100
61 33.4 27.9 41.9
87 15.3 13.1 19.7



#44
Trichloroethene
Concen: 52.914 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VY017746.D
Acq: 25 Mar 2024 09:50

Tgt Ion:130 Resp: 106142
Ion Ratio Lower Upper
130 100
95 90.4 0.0 188.0

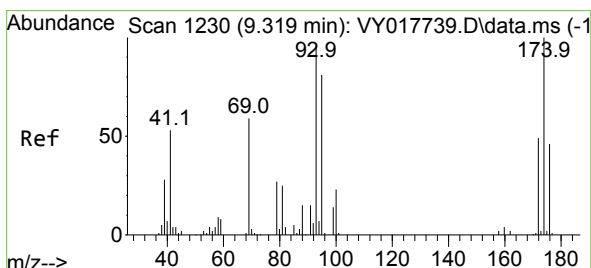
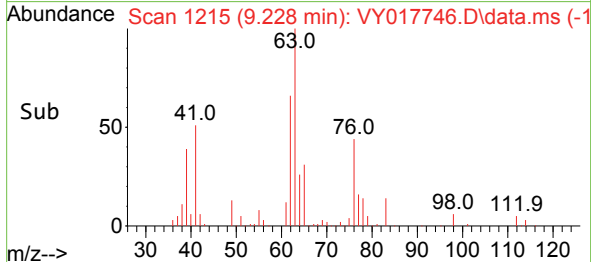
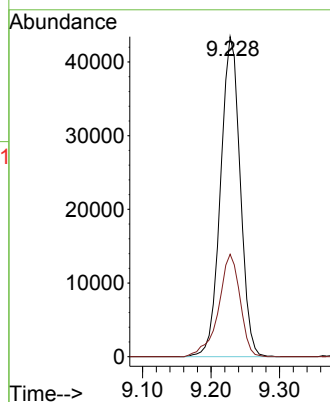
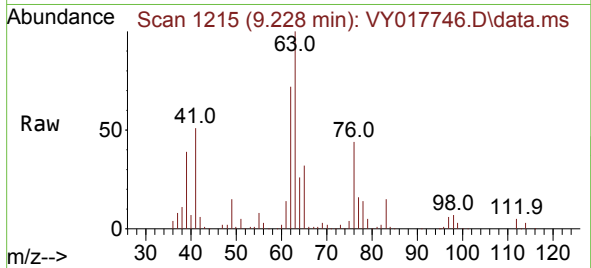




#45
1,2-Dichloropropane
Concen: 49.311 ug/l
RT: 9.228 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017746.D
Acq: 25 Mar 2024 09:50

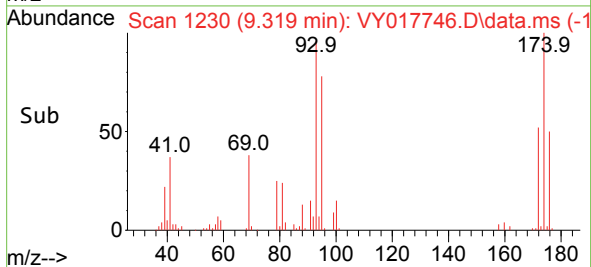
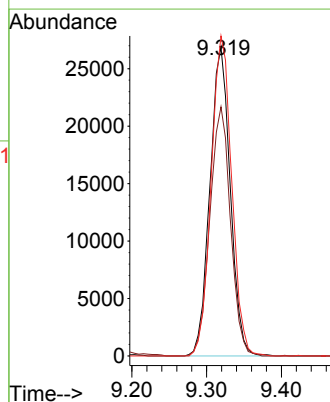
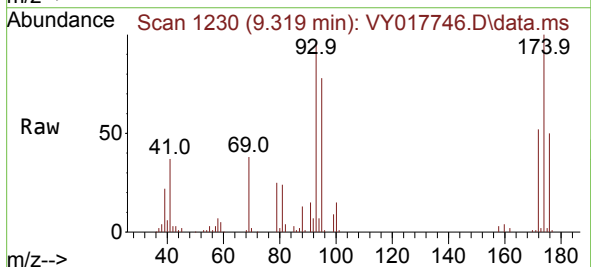
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

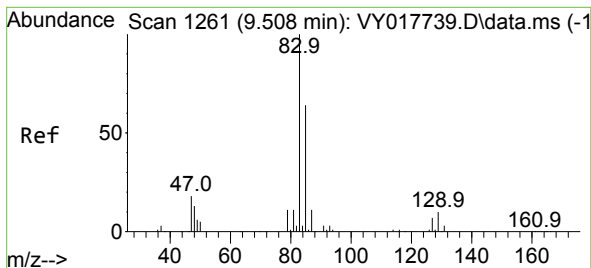
Tgt Ion: 63 Resp: 86163
Ion Ratio Lower Upper
63 100
65 32.0 25.4 38.2



#46
Dibromomethane
Concen: 52.263 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY017746.D
Acq: 25 Mar 2024 09:50

Tgt Ion: 93 Resp: 50888
Ion Ratio Lower Upper
93 100
95 81.7 66.2 99.4
174 104.7 80.9 121.3





#47

Bromodichloromethane

Concen: 51.565 ug/l

RT: 9.508 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VY017746.D

Acq: 25 Mar 2024 09:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

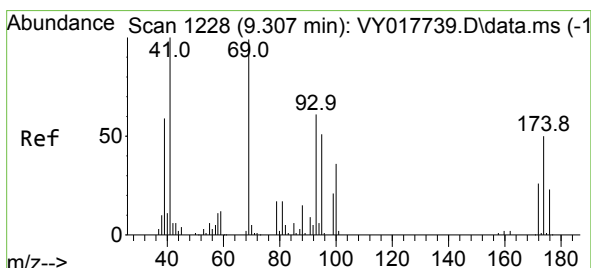
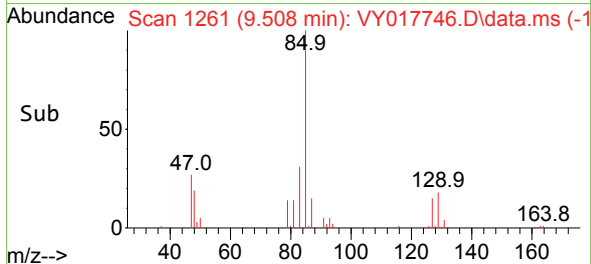
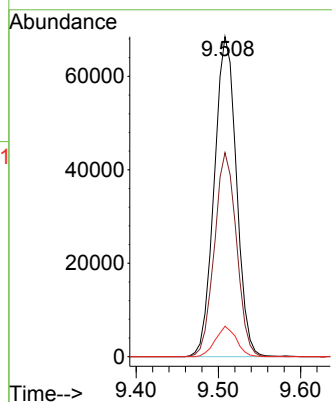
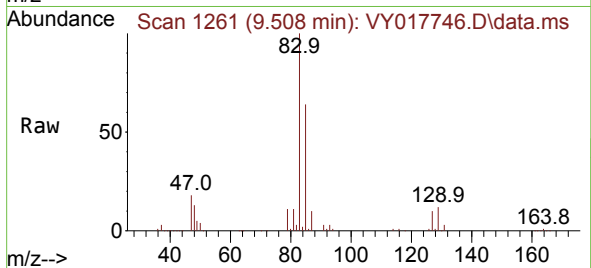
Tgt Ion: 83 Resp: 128383

Ion Ratio Lower Upper

83 100

85 63.8 50.1 75.1

127 9.5 7.4 11.0



#48

Methyl methacrylate

Concen: 45.684 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY017746.D

Acq: 25 Mar 2024 09:50

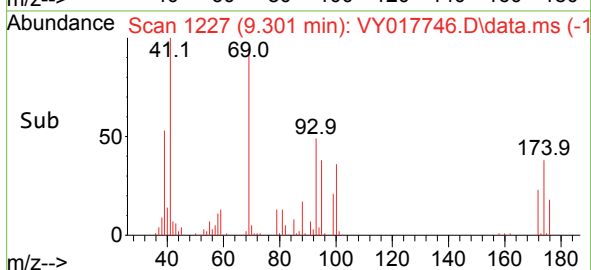
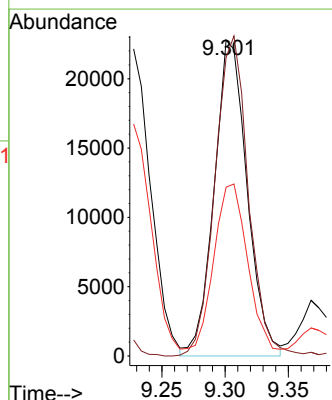
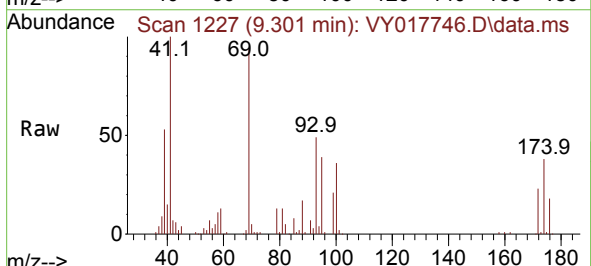
Tgt Ion: 41 Resp: 41288

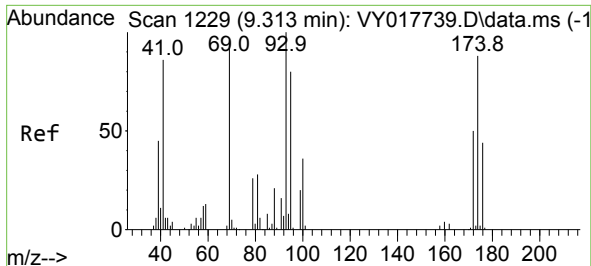
Ion Ratio Lower Upper

41 100

69 103.0 84.1 126.1

39 53.1 43.6 65.4





#49

1,4-Dioxane

Concen: 1090.007 ug/l

RT: 9.307 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017746.D

Acq: 25 Mar 2024 09:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

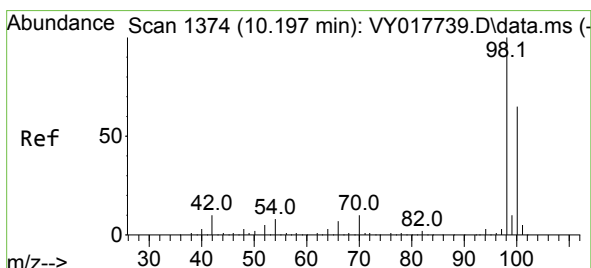
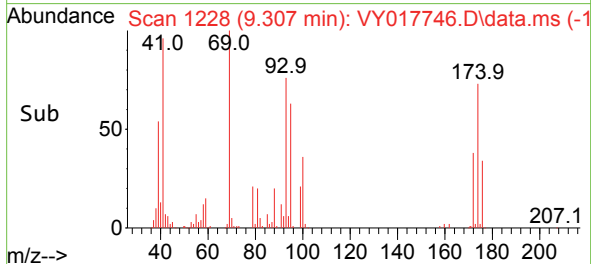
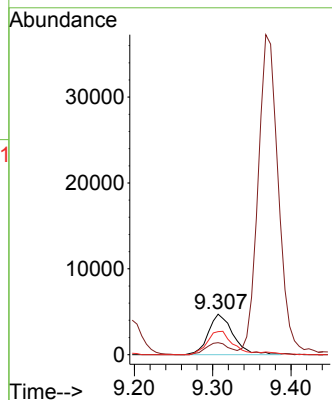
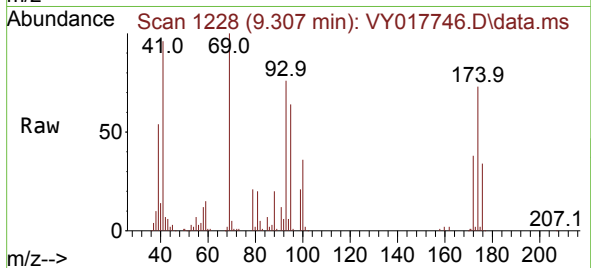
Tgt Ion: 88 Resp: 10327

Ion Ratio Lower Upper

88 100

43 28.3 0.0 0.0#

58 64.6 49.3 73.9



#50

Toluene-d8

Concen: 49.919 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.006 min

Lab File: VY017746.D

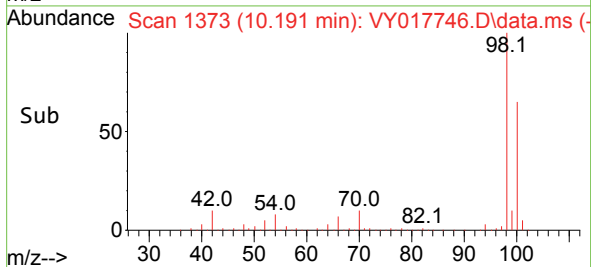
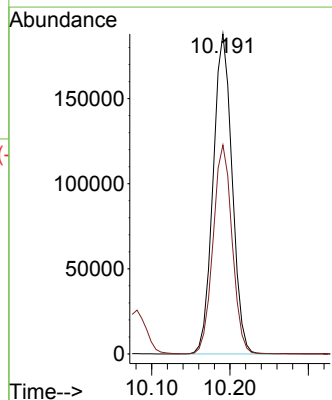
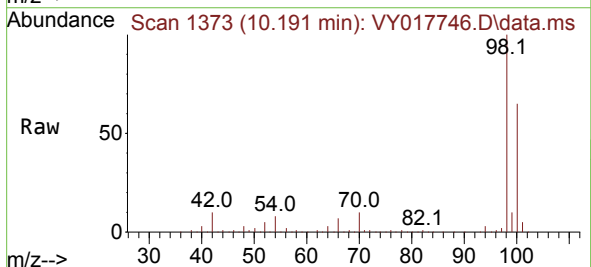
Acq: 25 Mar 2024 09:50

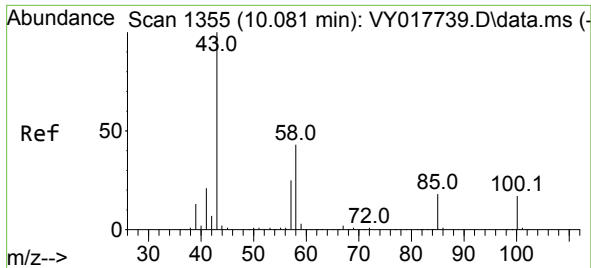
Tgt Ion: 98 Resp: 316829

Ion Ratio Lower Upper

98 100

100 65.2 52.0 78.0

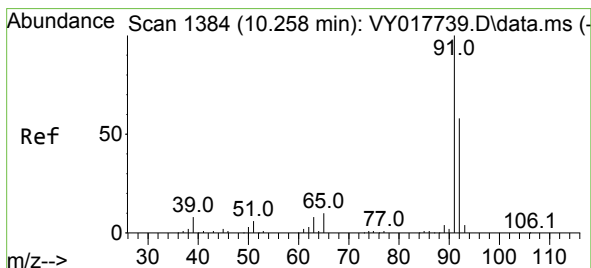
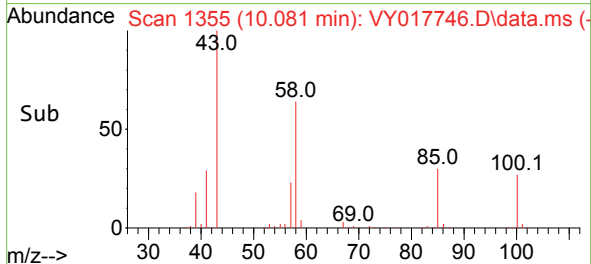
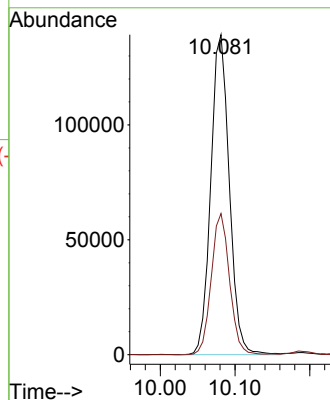
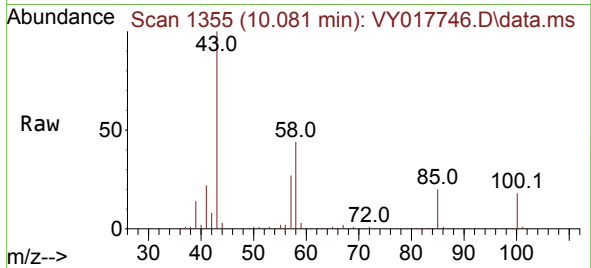




#51
4-Methyl-2-Pentanone
Concen: 229.932 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.000 min
Lab File: VY017746.D
Acq: 25 Mar 2024 09:50

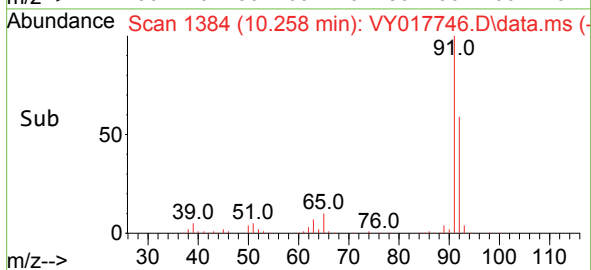
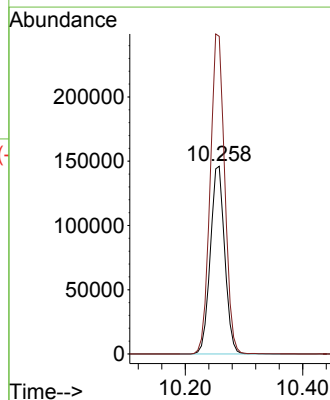
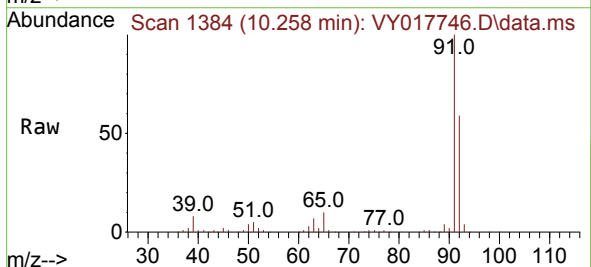
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

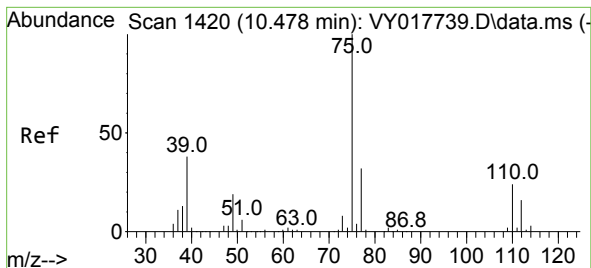
Tgt Ion: 43 Resp: 240190
Ion Ratio Lower Upper
43 100
58 43.5 35.7 53.5



#52
Toluene
Concen: 52.368 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VY017746.D
Acq: 25 Mar 2024 09:50

Tgt Ion: 92 Resp: 248165
Ion Ratio Lower Upper
92 100
91 172.1 139.0 208.6

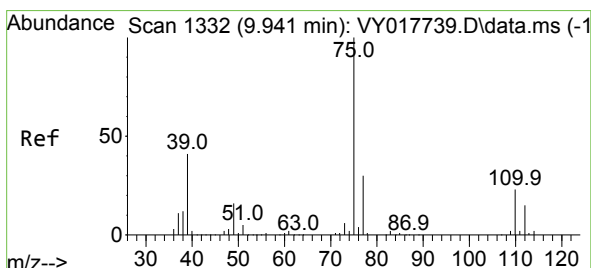
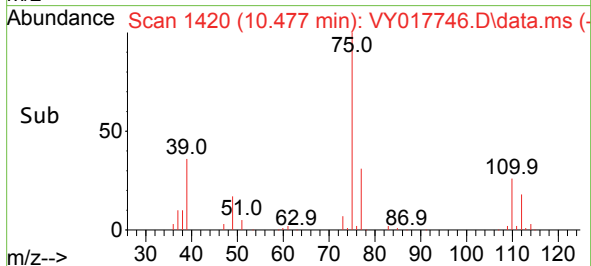
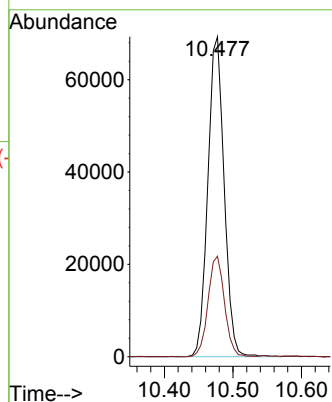
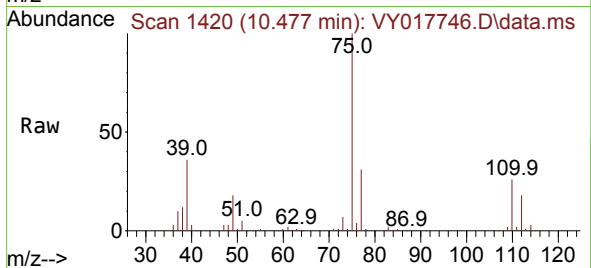




#53
 t-1,3-Dichloropropene
 Concen: 52.614 ug/l
 RT: 10.477 min Scan# 1420
 Delta R.T. -0.000 min
 Lab File: VY017746.D
 Acq: 25 Mar 2024 09:50

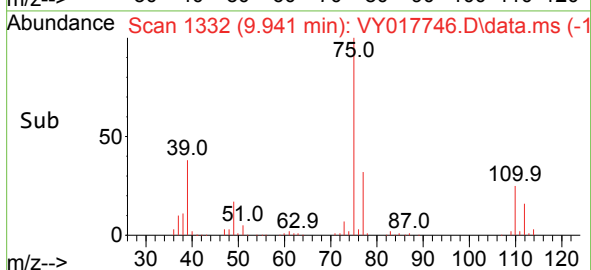
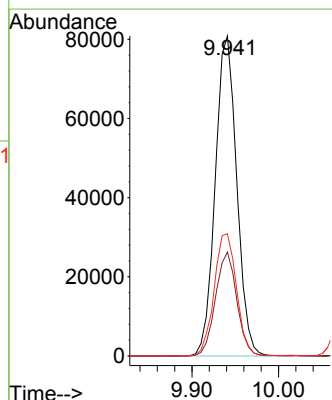
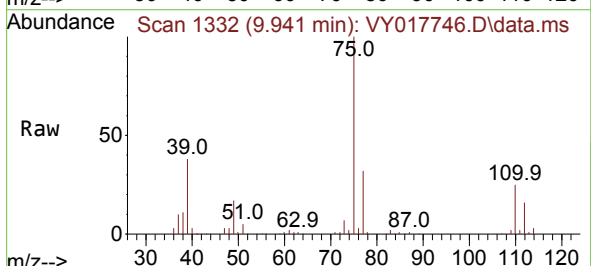
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

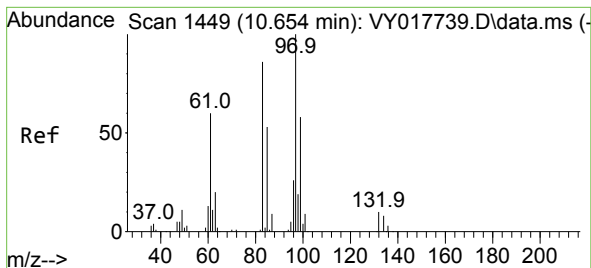
Tgt Ion: 75 Resp: 114561
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 52.367 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. -0.000 min
 Lab File: VY017746.D
 Acq: 25 Mar 2024 09:50

Tgt Ion: 75 Resp: 139289
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.4 38.0
 39 38.2 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 52.868 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. -0.000 min

Lab File: VY017746.D

Acq: 25 Mar 2024 09:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 65852

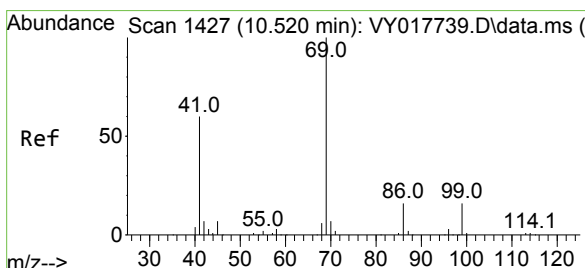
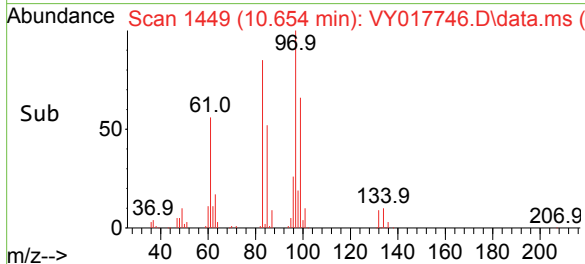
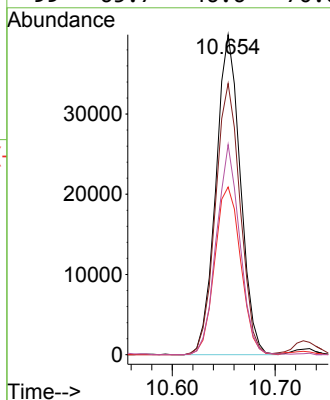
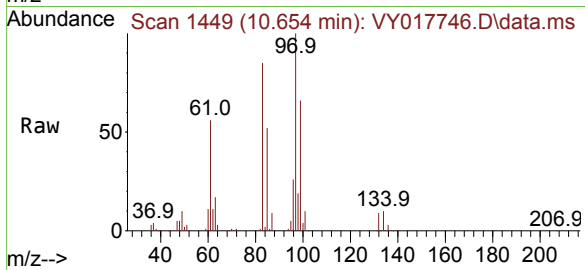
Ion Ratio Lower Upper

97 100

83 84.7 67.5 101.3

85 52.4 42.9 64.3

99 65.7 46.6 70.0



#56

Ethyl methacrylate

Concen: 48.086 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VY017746.D

Acq: 25 Mar 2024 09:50

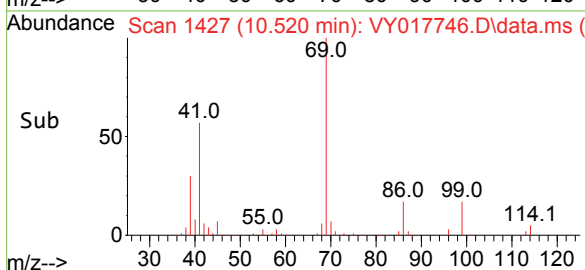
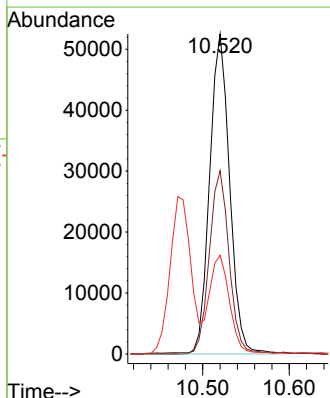
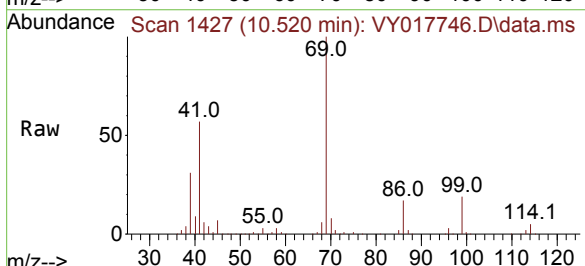
Tgt Ion: 69 Resp: 84126

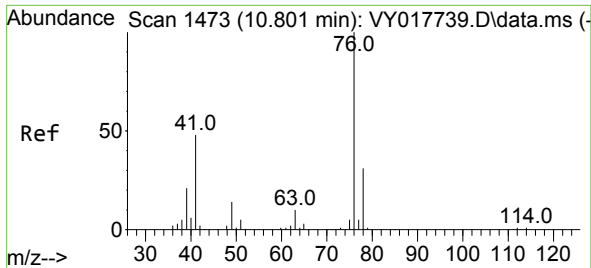
Ion Ratio Lower Upper

69 100

41 56.2 42.3 63.5

39 31.7 22.9 34.3

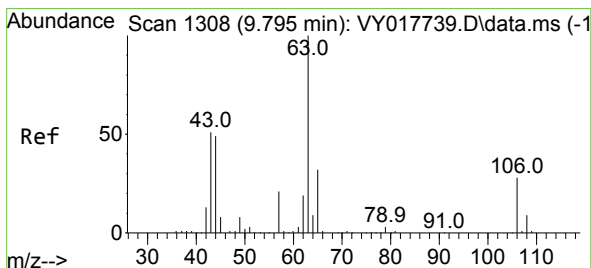
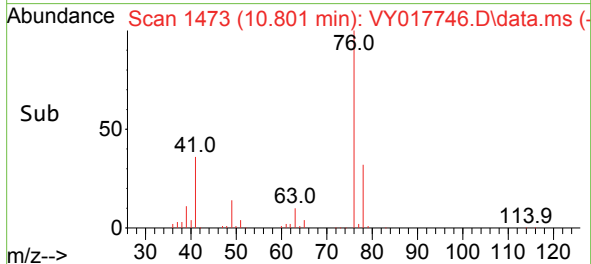
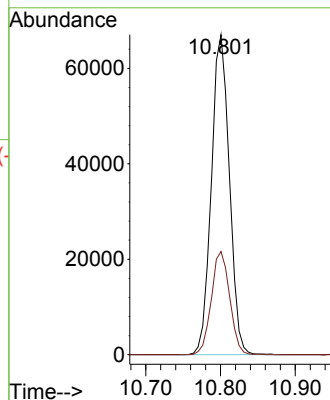
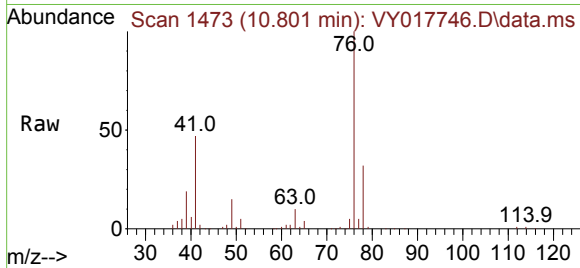




#57
1,3-Dichloropropane
Concen: 52.314 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VY017746.D
Acq: 25 Mar 2024 09:50

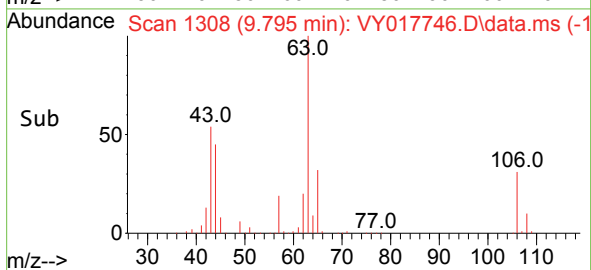
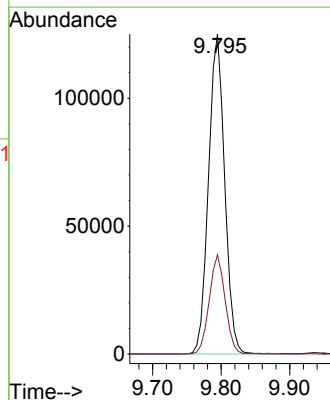
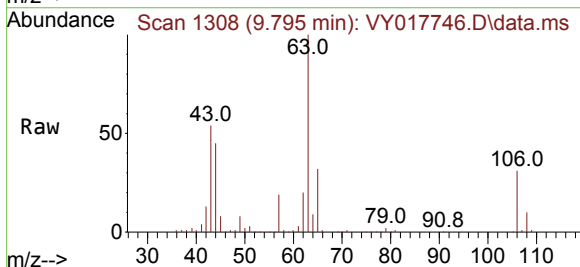
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

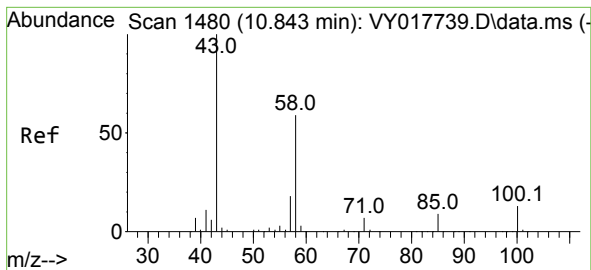
Tgt Ion: 76 Resp: 112238
Ion Ratio Lower Upper
76 100
78 32.9 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 234.289 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. -0.000 min
Lab File: VY017746.D
Acq: 25 Mar 2024 09:50

Tgt Ion: 63 Resp: 205506
Ion Ratio Lower Upper
63 100
106 30.4 23.7 35.5

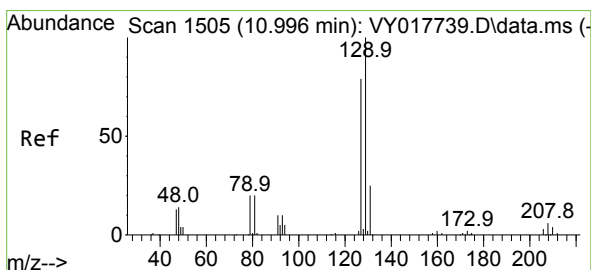
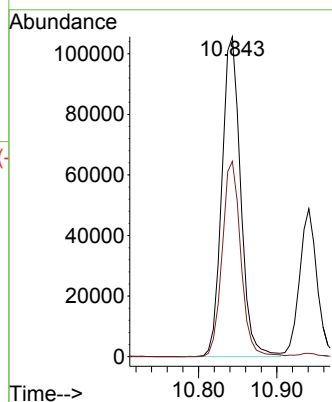
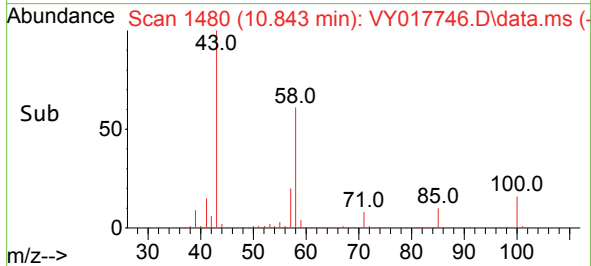
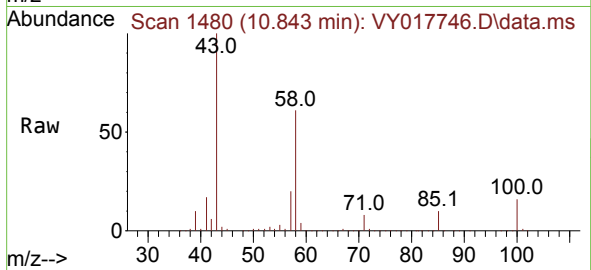




#59
2-Hexanone
Concen: 239.481 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VY017746.D
Acq: 25 Mar 2024 09:50

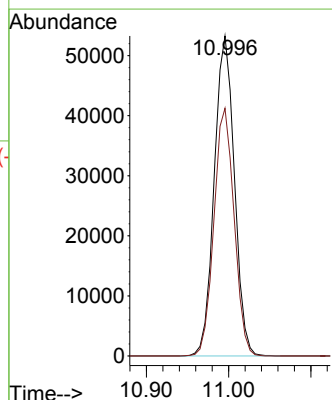
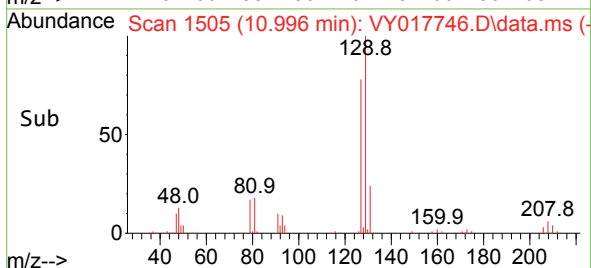
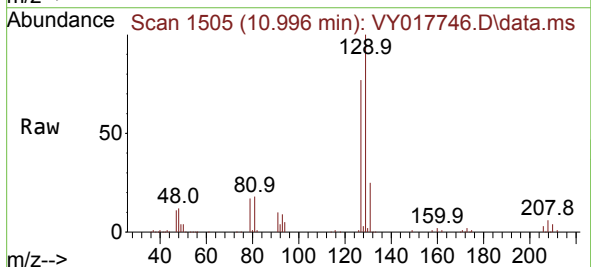
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

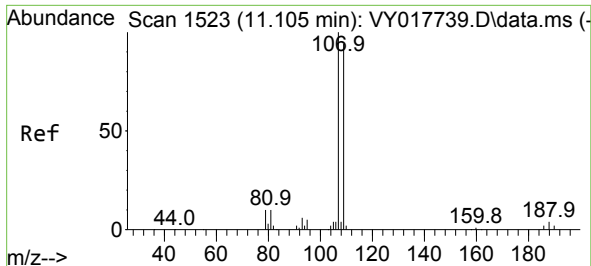
Tgt Ion: 43 Resp: 176021
Ion Ratio Lower Upper
43 100
58 60.5 31.4 94.0



#60
Dibromochloromethane
Concen: 54.386 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. -0.000 min
Lab File: VY017746.D
Acq: 25 Mar 2024 09:50

Tgt Ion: 129 Resp: 90613
Ion Ratio Lower Upper
129 100
127 77.6 39.0 117.0

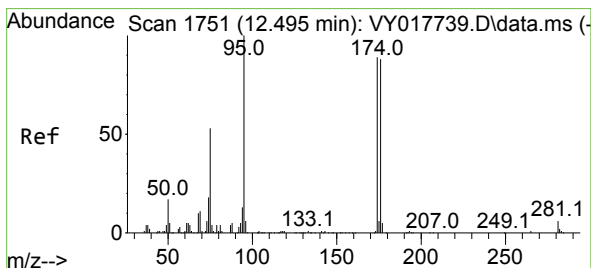
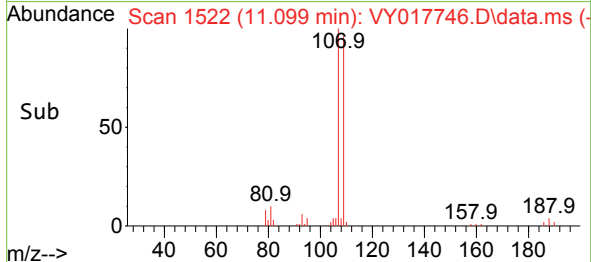
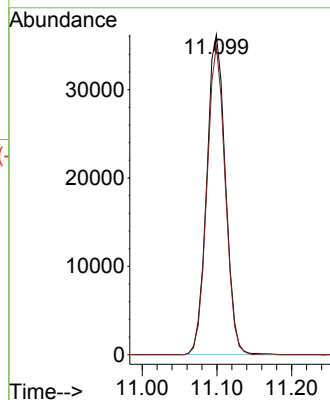
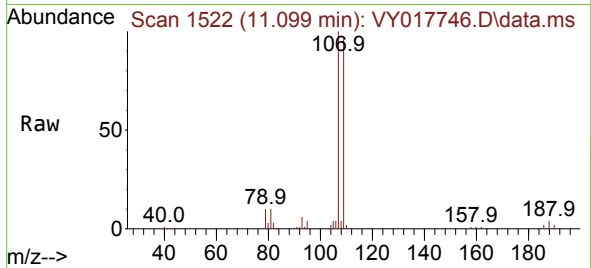




#61
1,2-Dibromoethane
Concen: 53.694 ug/l
RT: 11.099 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017746.D
Acq: 25 Mar 2024 09:50

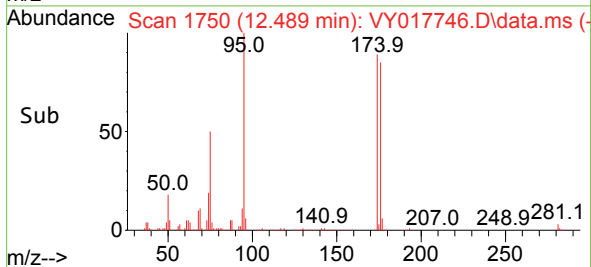
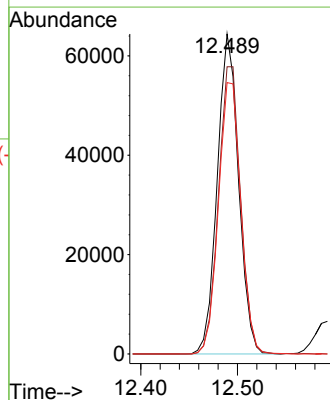
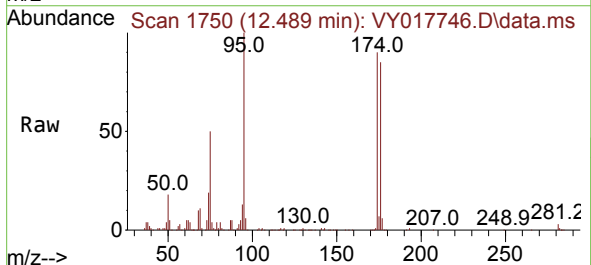
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

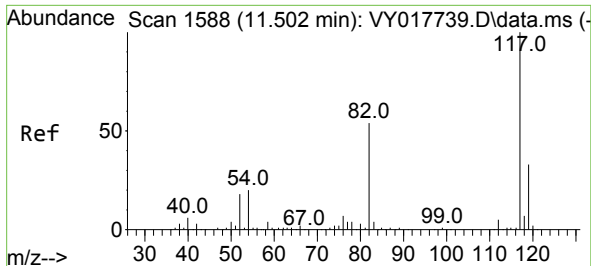
Tgt Ion:107 Resp: 62790
Ion Ratio Lower Upper
107 100
109 94.5 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 51.611 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.006 min
Lab File: VY017746.D
Acq: 25 Mar 2024 09:50

Tgt Ion: 95 Resp: 98361
Ion Ratio Lower Upper
95 100
174 93.2 0.0 175.6
176 89.1 0.0 171.4

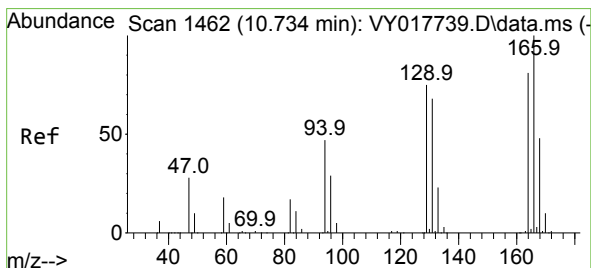
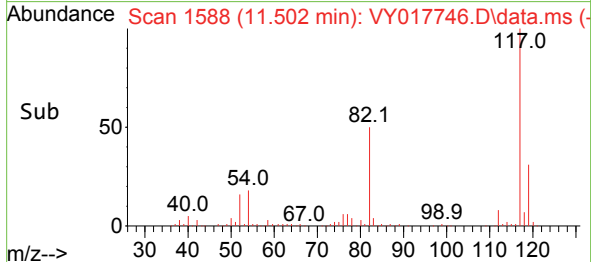
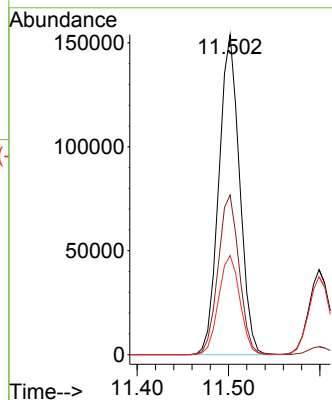
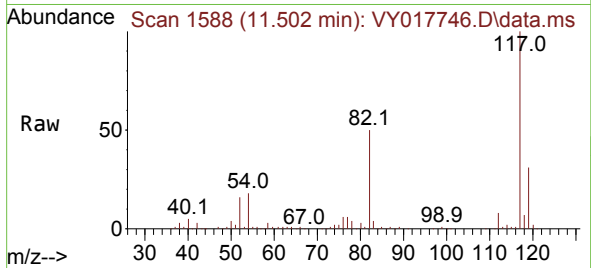




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY017746.D
Acq: 25 Mar 2024 09:50

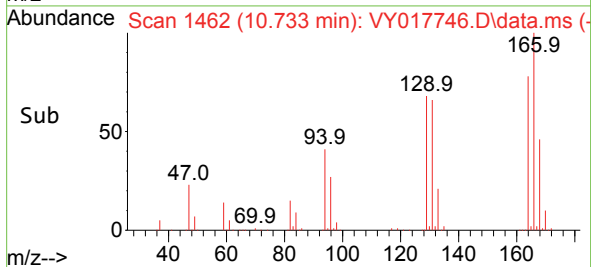
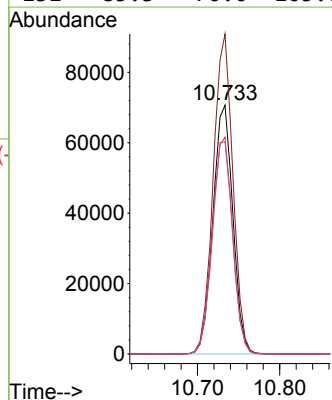
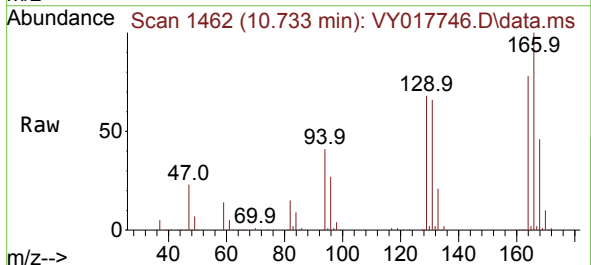
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

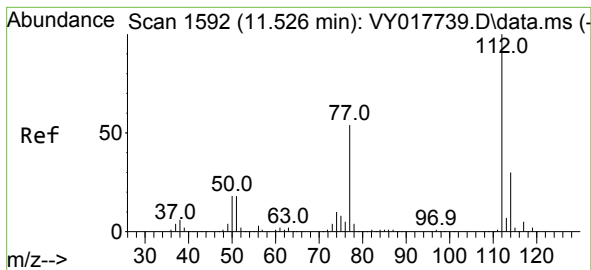
Tgt Ion:117 Resp: 242515
Ion Ratio Lower Upper
117 100
82 49.9 42.4 63.6
119 31.0 25.9 38.9



#64
Tetrachloroethene
Concen: 53.064 ug/l
RT: 10.733 min Scan# 1462
Delta R.T. -0.000 min
Lab File: VY017746.D
Acq: 25 Mar 2024 09:50

Tgt Ion:164 Resp: 119009
Ion Ratio Lower Upper
164 100
166 128.6 102.6 154.0
129 87.2 72.0 108.0
131 85.3 70.0 105.0

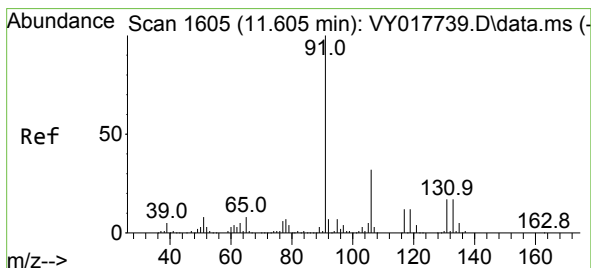
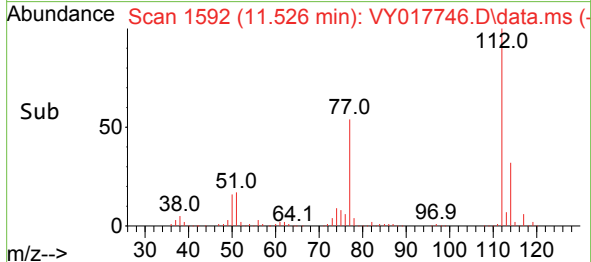
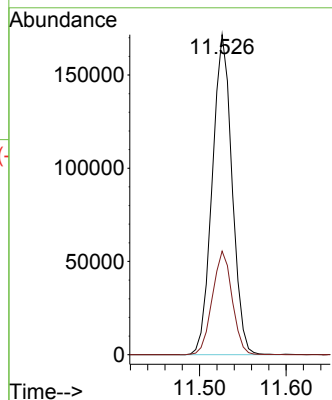
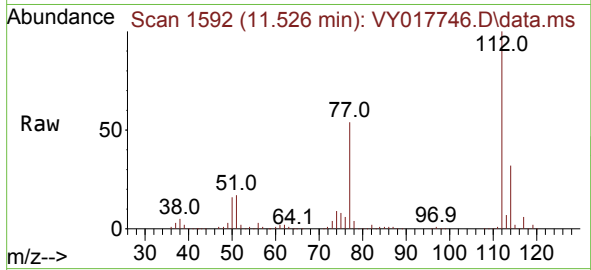




#65
Chlorobenzene
Concen: 52.156 ug/l
RT: 11.526 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY017746.D
Acq: 25 Mar 2024 09:50

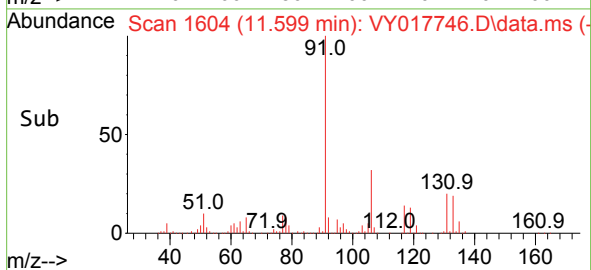
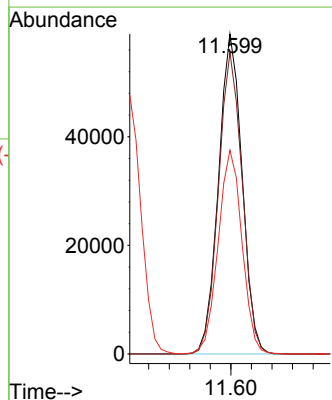
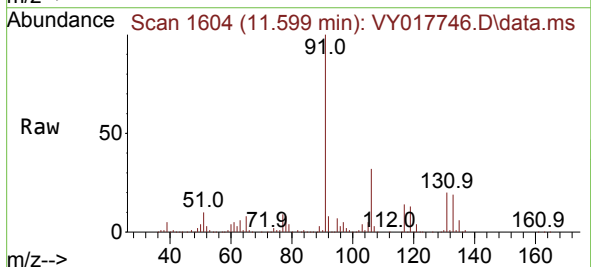
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

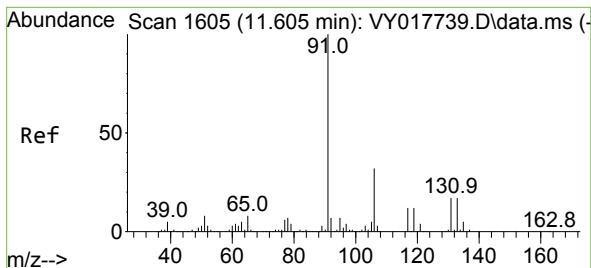
Tgt Ion:112 Resp: 272276
Ion Ratio Lower Upper
112 100
114 32.4 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.781 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.006 min
Lab File: VY017746.D
Acq: 25 Mar 2024 09:50

Tgt Ion:131 Resp: 93758
Ion Ratio Lower Upper
131 100
133 94.8 47.8 143.3
119 64.5 34.1 102.2





#67

Ethyl Benzene

Concen: 52.489 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. -0.000 min

Lab File: VY017746.D

Acq: 25 Mar 2024 09:50

Instrument :

MSVOA_Y

ClientSampleId :

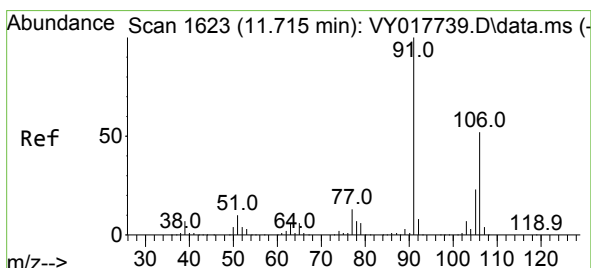
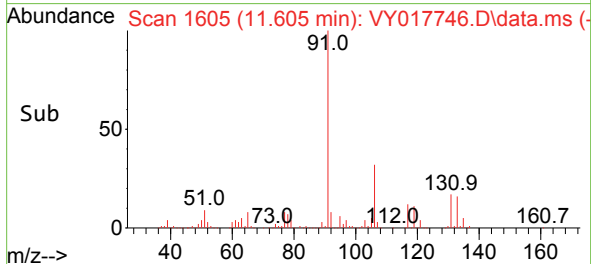
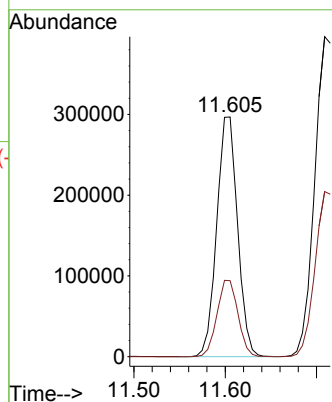
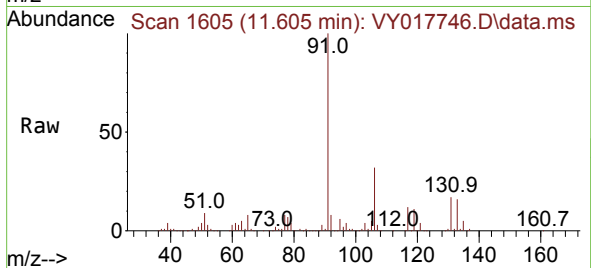
VSTDCCC050

Tgt Ion: 91 Resp: 470597

Ion Ratio Lower Upper

91 100

106 31.7 24.5 36.7



#68

m/p-Xylenes

Concen: 107.574 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. -0.006 min

Lab File: VY017746.D

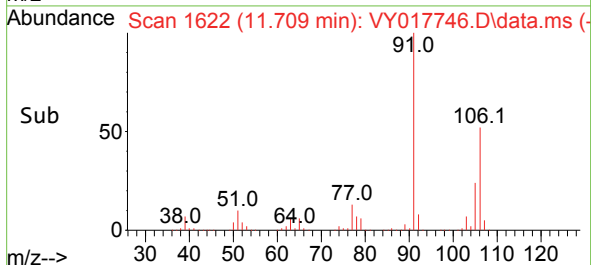
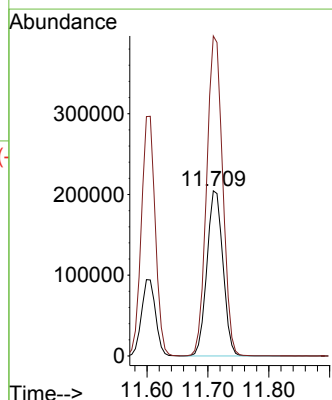
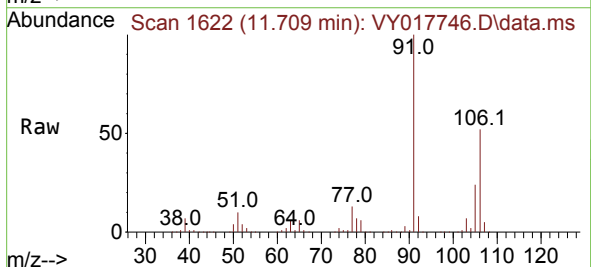
Acq: 25 Mar 2024 09:50

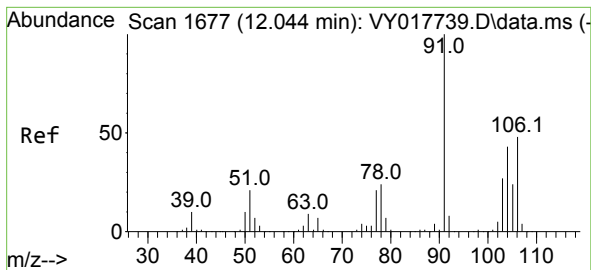
Tgt Ion: 106 Resp: 374141

Ion Ratio Lower Upper

106 100

91 193.1 156.0 234.0





#69

o-Xylene

Concen: 54.370 ug/l

RT: 12.038 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017746.D

Acq: 25 Mar 2024 09:50

Instrument :

MSVOA_Y

ClientSampleId :

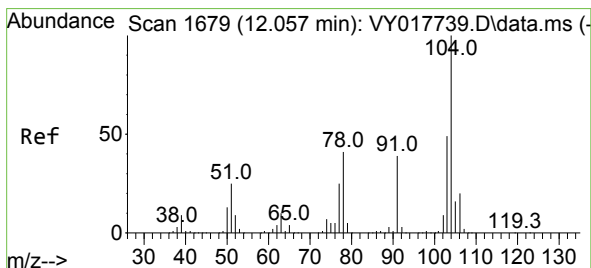
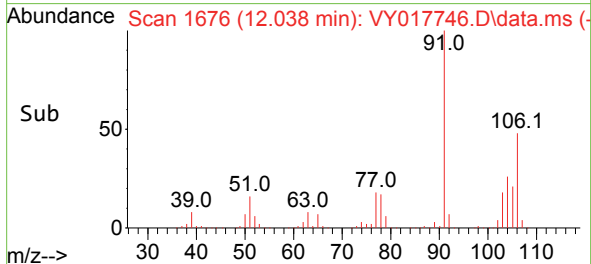
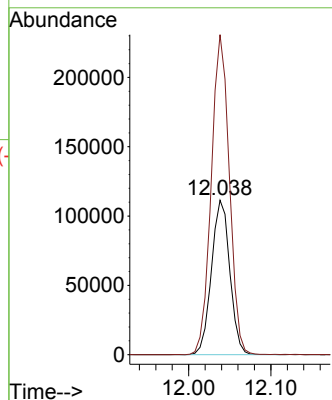
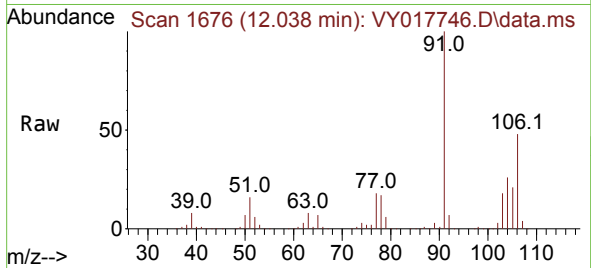
VSTDCCC050

Tgt Ion:106 Resp: 172643

Ion Ratio Lower Upper

106 100

91 204.5 103.6 310.8



#70

Styrene

Concen: 55.448 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. -0.006 min

Lab File: VY017746.D

Acq: 25 Mar 2024 09:50

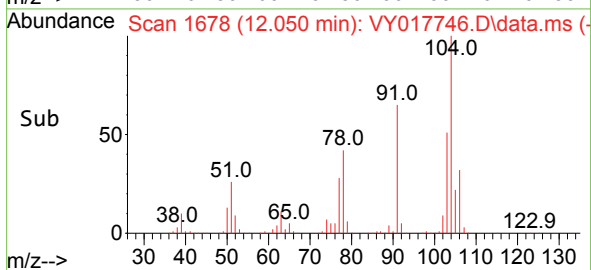
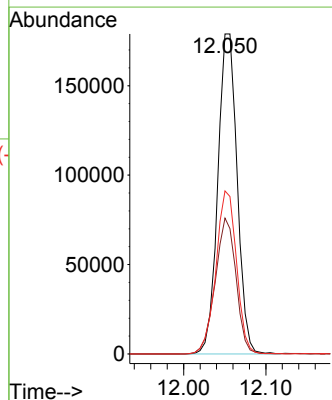
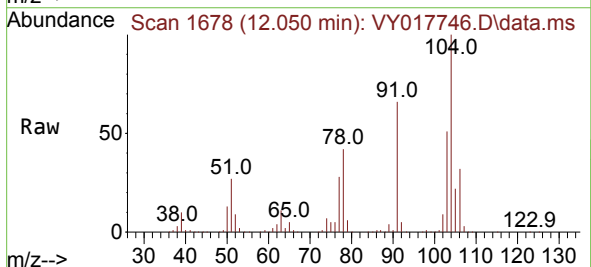
Tgt Ion:104 Resp: 293034

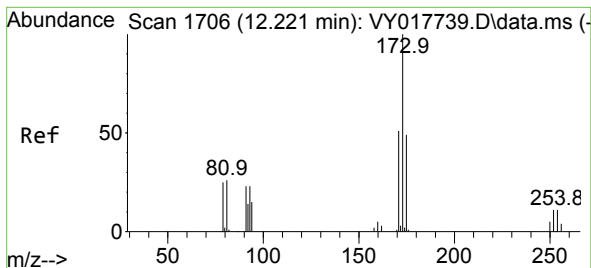
Ion Ratio Lower Upper

104 100

78 45.6 37.0 55.4

103 54.3 44.2 66.2





#71

Bromoform

Concen: 57.061 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. -0.006 min

Lab File: VY017746.D

Acq: 25 Mar 2024 09:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

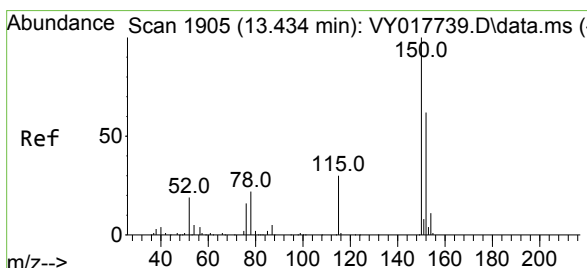
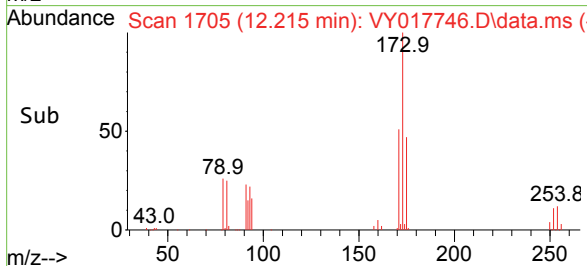
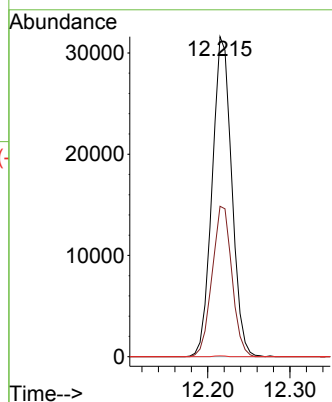
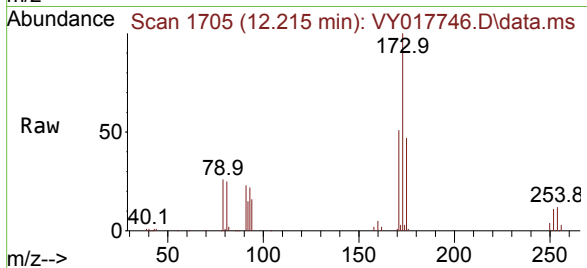
Tgt Ion:173 Resp: 52389

Ion Ratio Lower Upper

173 100

175 47.5 25.1 75.3

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY017746.D

Acq: 25 Mar 2024 09:50

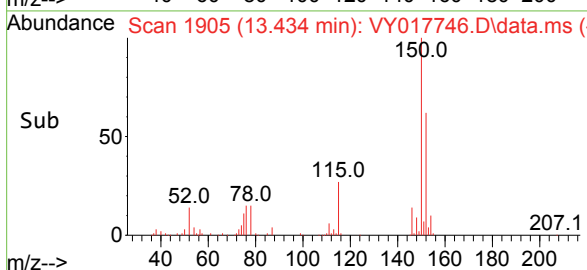
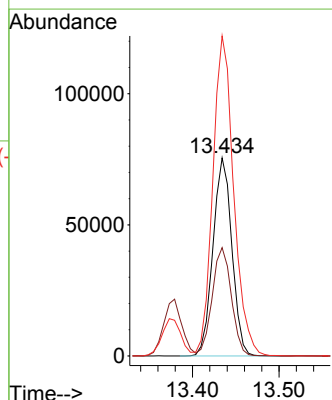
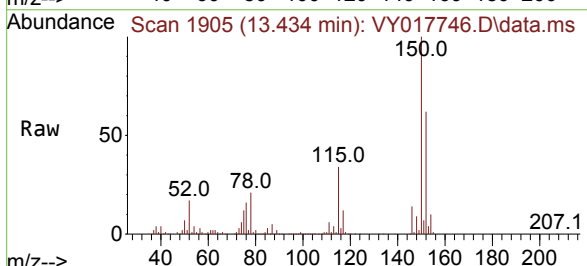
Tgt Ion:152 Resp: 114593

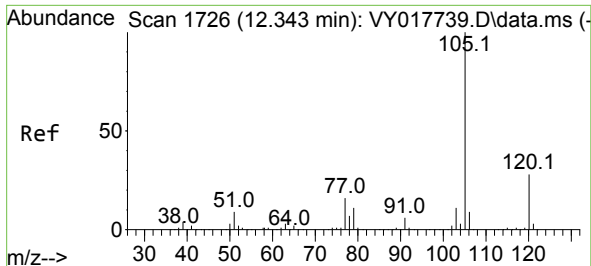
Ion Ratio Lower Upper

152 100

115 55.5 28.2 84.7

150 178.5 0.0 345.6

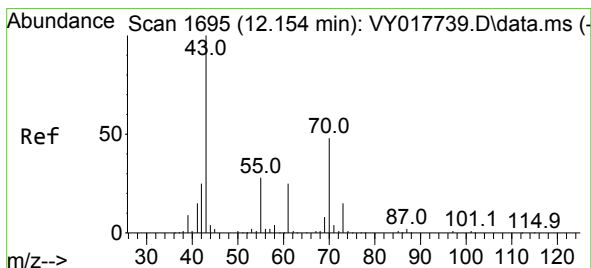
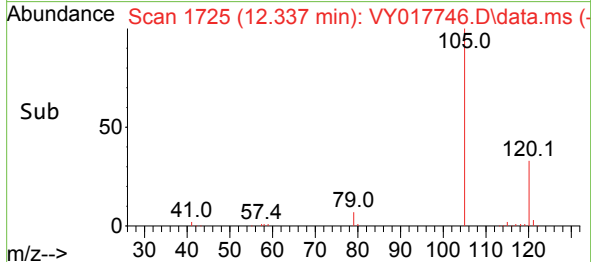
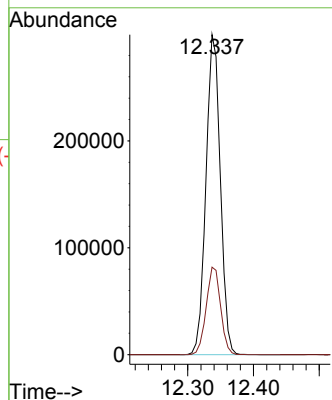
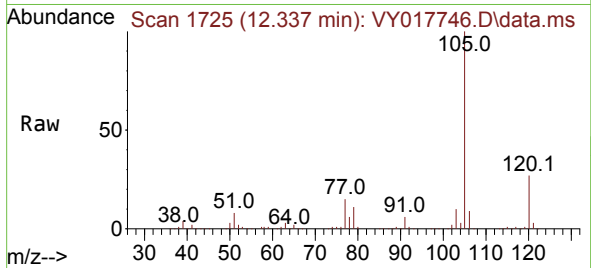




#73
Isopropylbenzene
Concen: 52.525 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. -0.006 min
Lab File: VY017746.D
Acq: 25 Mar 2024 09:50

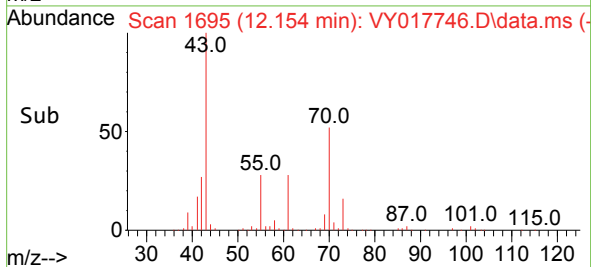
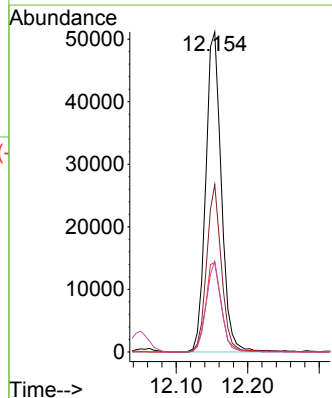
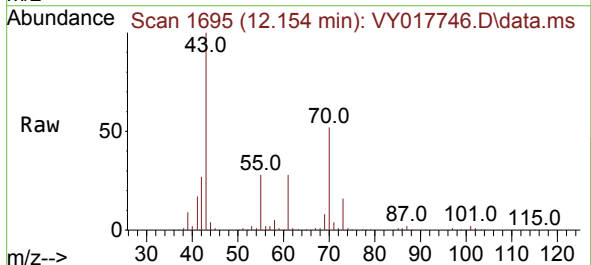
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

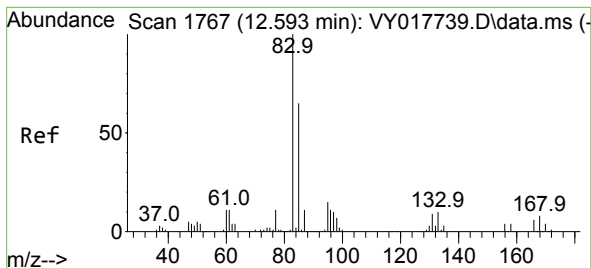
Tgt Ion:105 Resp: 454496
Ion Ratio Lower Upper
105 100
120 27.4 13.4 40.1



#74
N-ethyl acetate
Concen: 43.912 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VY017746.D
Acq: 25 Mar 2024 09:50

Tgt Ion: 43 Resp: 77578
Ion Ratio Lower Upper
43 100
70 49.3 41.4 62.2
55 28.4 23.3 34.9
61 27.1 22.6 33.8

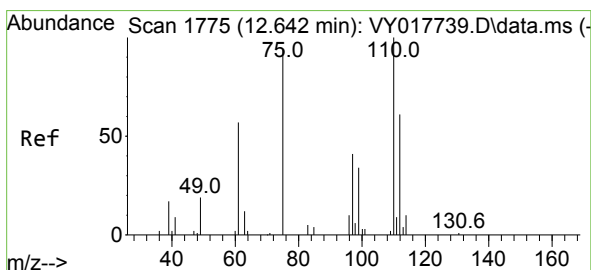
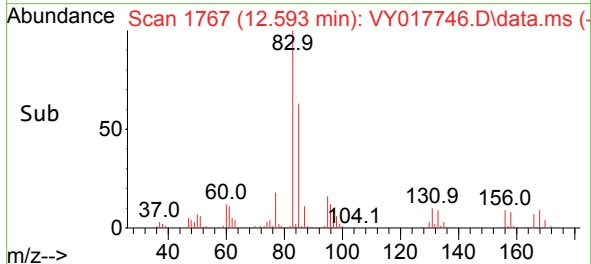
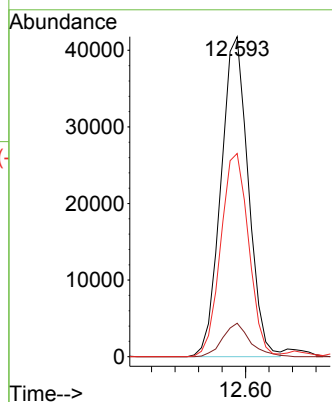
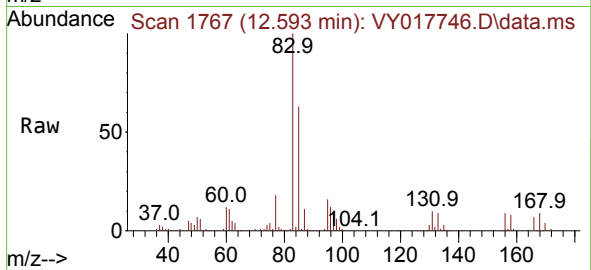




#75
1,1,2,2-Tetrachloroethane
Concen: 50.641 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. -0.000 min
Lab File: VY017746.D
Acq: 25 Mar 2024 09:50

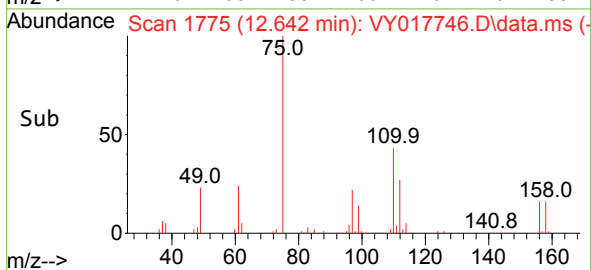
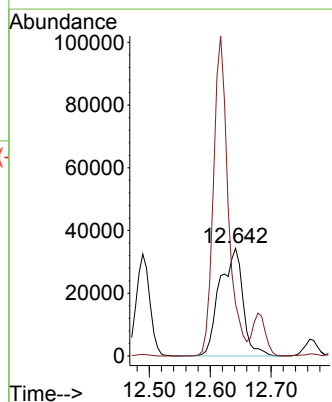
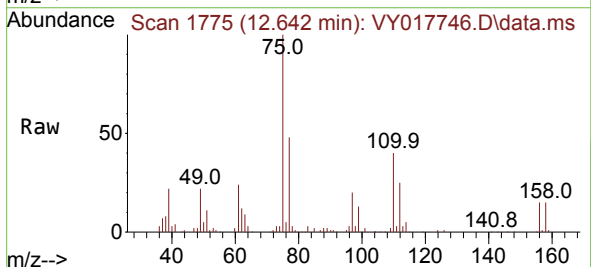
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

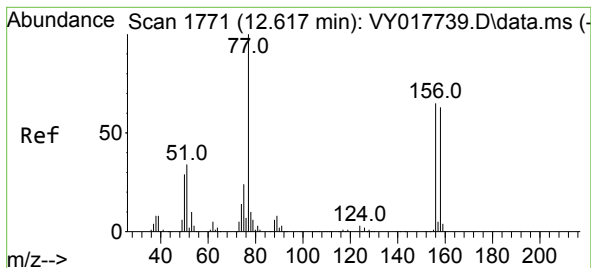
Tgt Ion: 83 Resp: 67470
Ion Ratio Lower Upper
83 100
131 10.5 5.0 14.9
85 65.1 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 85.635 ug/l
RT: 12.642 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VY017746.D
Acq: 25 Mar 2024 09:50

Tgt Ion: 75 Resp: 90619
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.817 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. -0.000 min

Lab File: VY017746.D

Acq: 25 Mar 2024 09:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

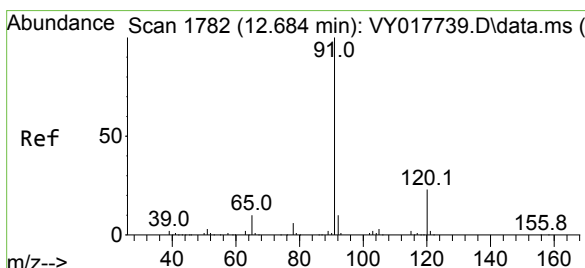
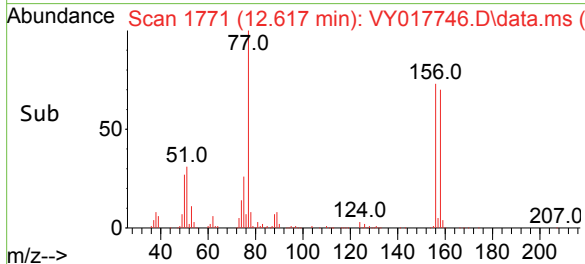
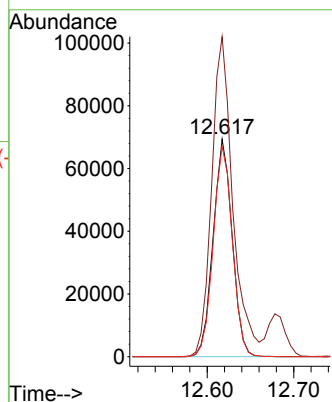
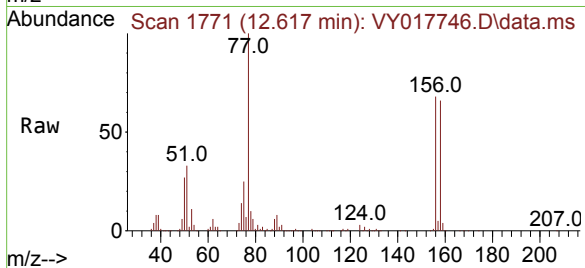
Tgt Ion:156 Resp: 106021

Ion Ratio Lower Upper

156 100

77 162.7 87.1 261.3

158 97.2 48.6 145.9



#78

n-propylbenzene

Concen: 52.048 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. -0.006 min

Lab File: VY017746.D

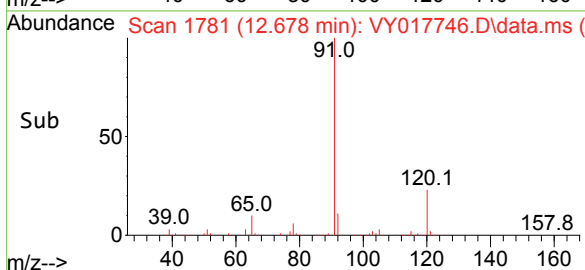
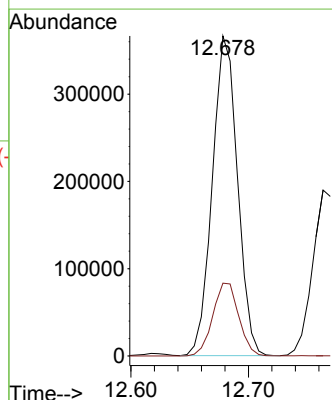
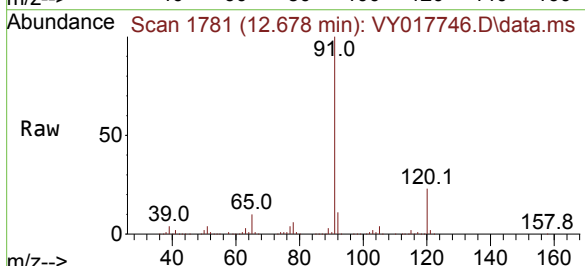
Acq: 25 Mar 2024 09:50

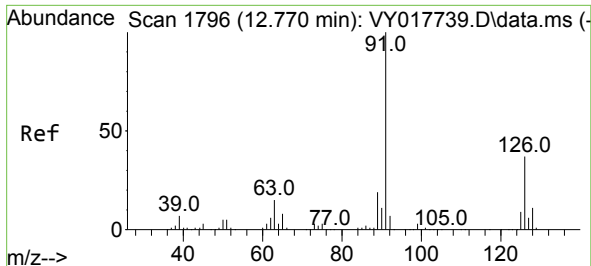
Tgt Ion: 91 Resp: 545187

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.4

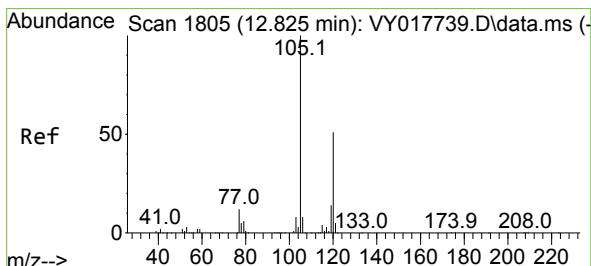
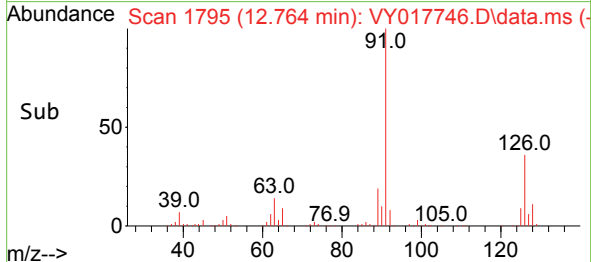
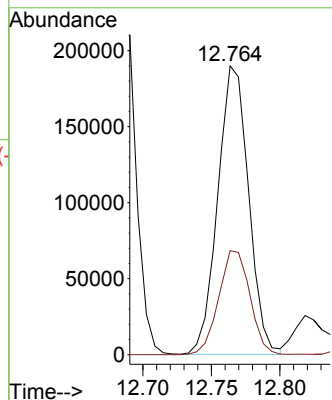
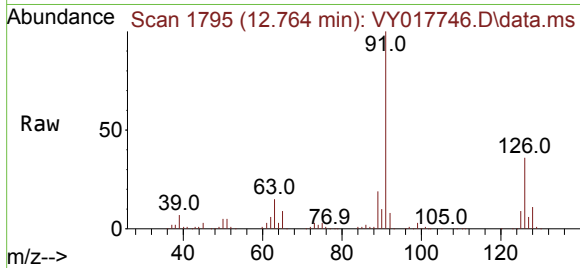




#79
2-Chlorotoluene
Concen: 51.799 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. -0.006 min
Lab File: VY017746.D
Acq: 25 Mar 2024 09:50

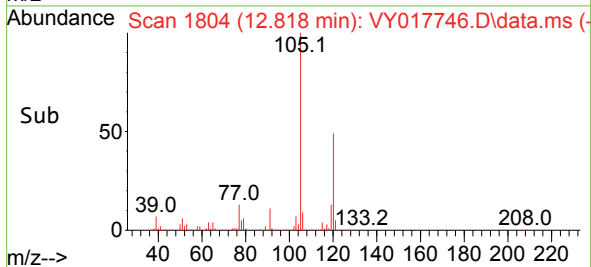
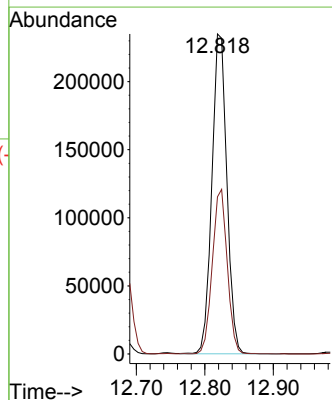
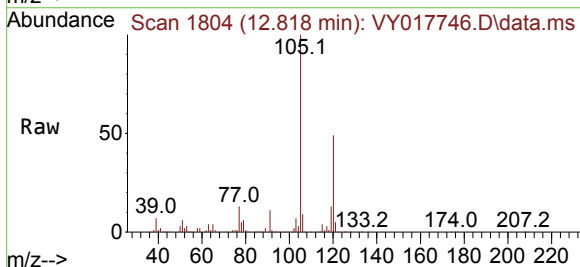
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

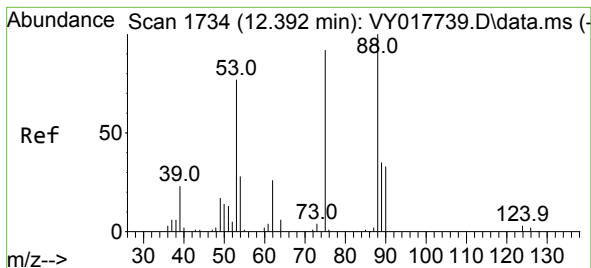
Tgt Ion: 91 Resp: 297541
Ion Ratio Lower Upper
91 100
126 36.5 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 52.708 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. -0.006 min
Lab File: VY017746.D
Acq: 25 Mar 2024 09:50

Tgt Ion: 105 Resp: 357028
Ion Ratio Lower Upper
105 100
120 51.3 25.1 75.2

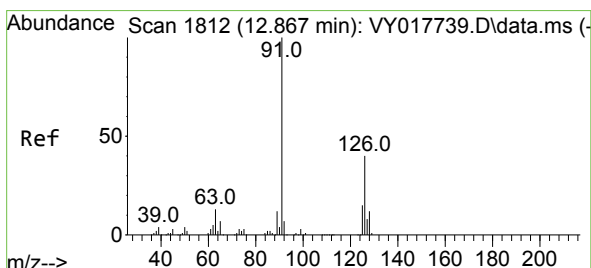
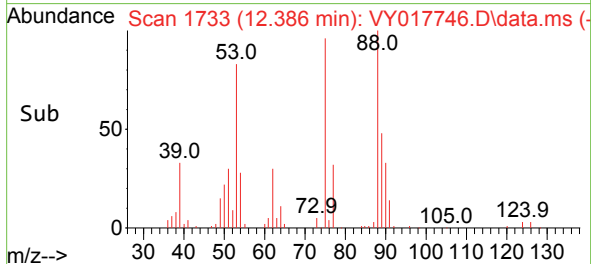
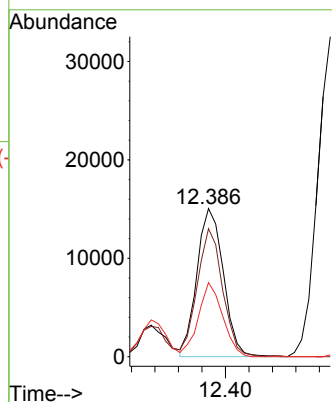
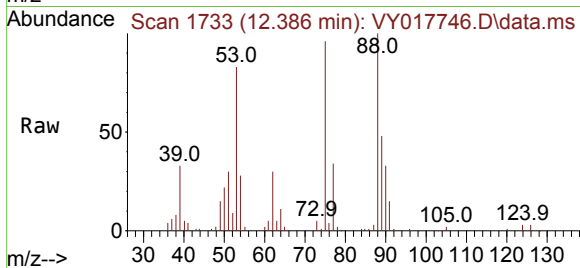




#81
trans-1,4-Dichloro-2-butene
Concen: 51.461 ug/l
RT: 12.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017746.D
Acq: 25 Mar 2024 09:50

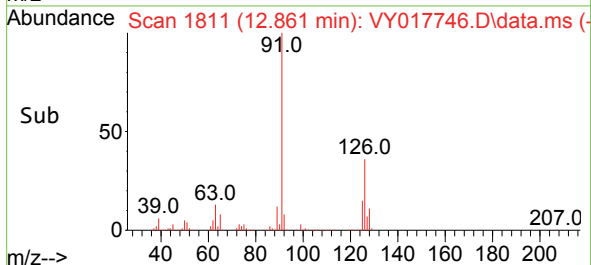
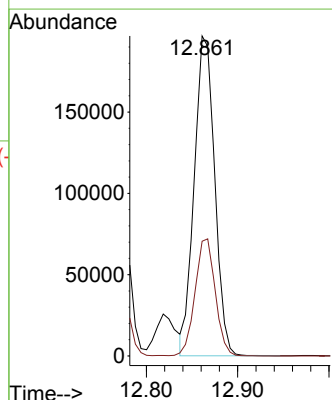
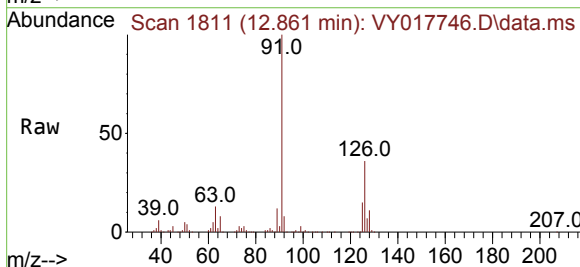
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

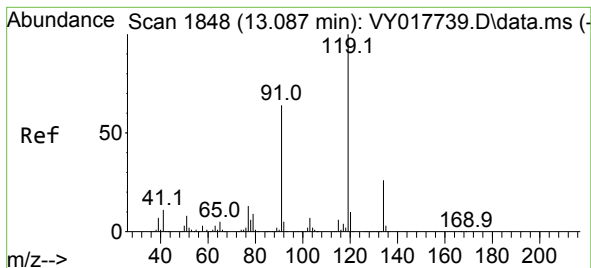
Tgt Ion: 75 Resp: 23567
Ion Ratio Lower Upper
75 100
53 82.6 66.8 100.2
89 45.9 35.8 53.6



#82
4-Chlorotoluene
Concen: 51.892 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.006 min
Lab File: VY017746.D
Acq: 25 Mar 2024 09:50

Tgt Ion: 91 Resp: 305829
Ion Ratio Lower Upper
91 100
126 36.3 17.6 52.9





#83

tert-Butylbenzene

Concen: 54.145 ug/l

RT: 13.087 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017746.D

Acq: 25 Mar 2024 09:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

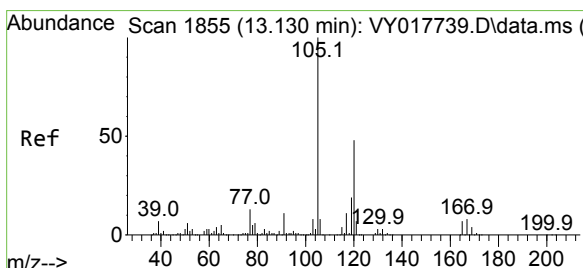
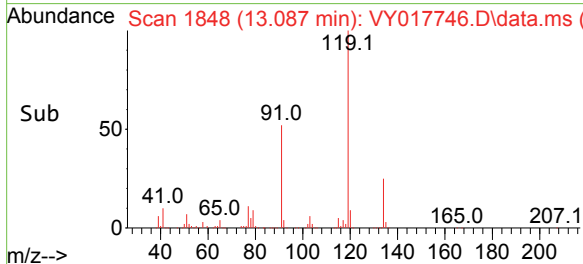
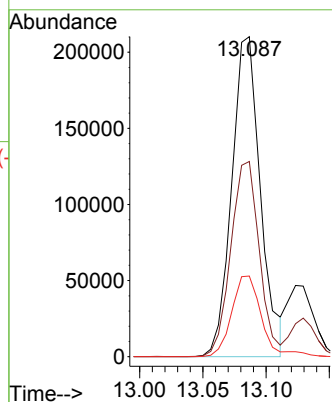
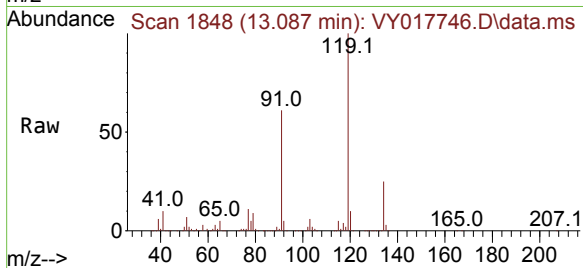
Tgt Ion:119 Resp: 331898

Ion Ratio Lower Upper

119 100

91 60.6 31.3 93.8

134 26.2 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 53.612 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VY017746.D

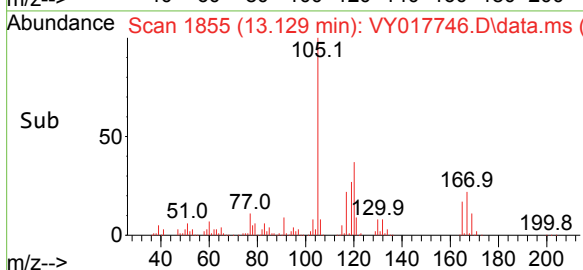
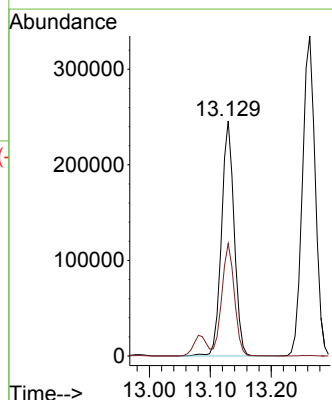
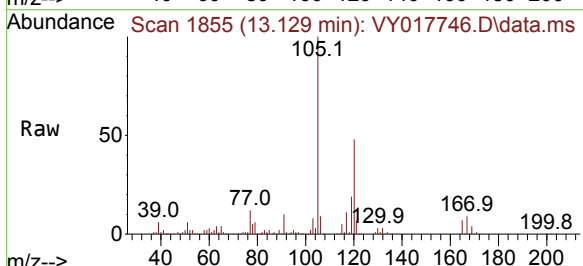
Acq: 25 Mar 2024 09:50

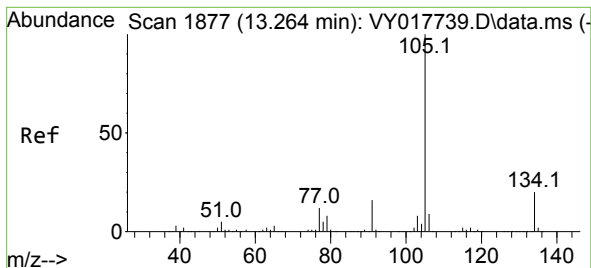
Tgt Ion:105 Resp: 356011

Ion Ratio Lower Upper

105 100

120 47.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 53.128 ug/l

RT: 13.263 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VY017746.D

Acq: 25 Mar 2024 09:50

Instrument :

MSVOA_Y

ClientSampleId :

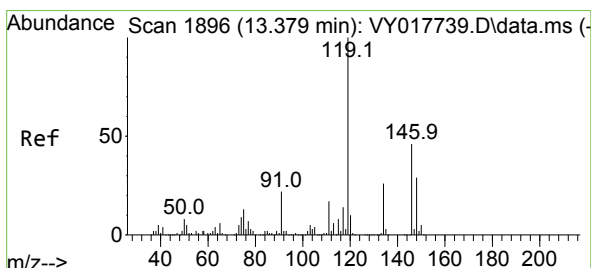
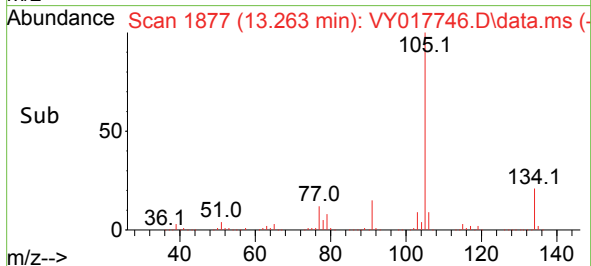
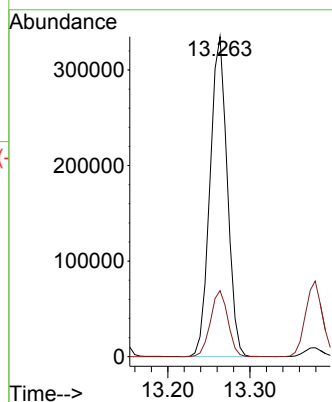
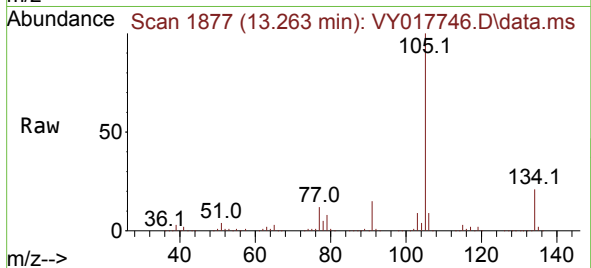
VSTDCCC050

Tgt Ion:105 Resp: 488090

Ion Ratio Lower Upper

105 100

134 20.8 10.1 30.1



#86

p-Isopropyltoluene

Concen: 54.011 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VY017746.D

Acq: 25 Mar 2024 09:50

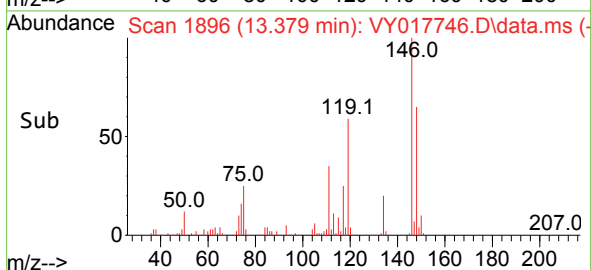
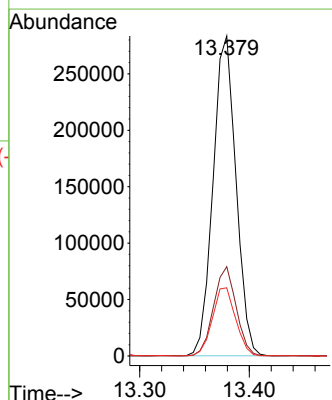
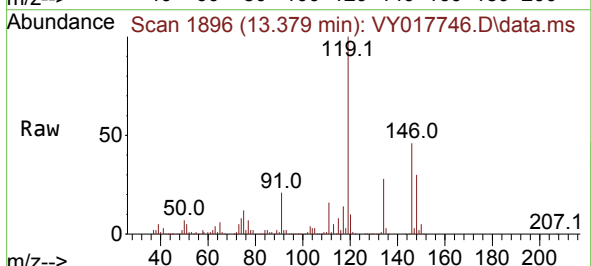
Tgt Ion:119 Resp: 412002

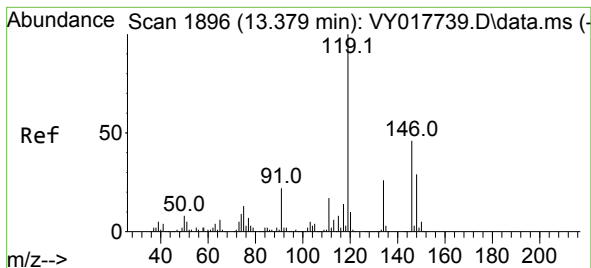
Ion Ratio Lower Upper

119 100

134 27.4 13.1 39.3

91 21.7 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 52.572 ug/l

RT: 13.373 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017746.D

Acq: 25 Mar 2024 09:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

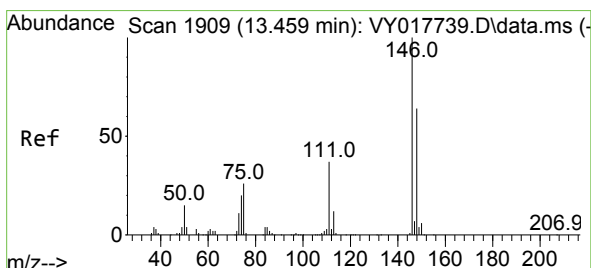
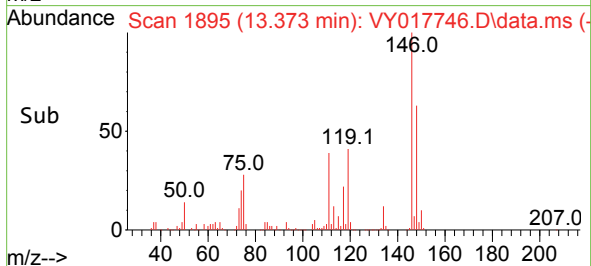
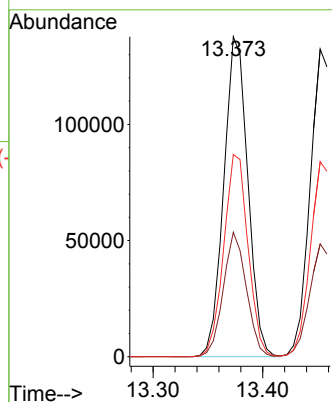
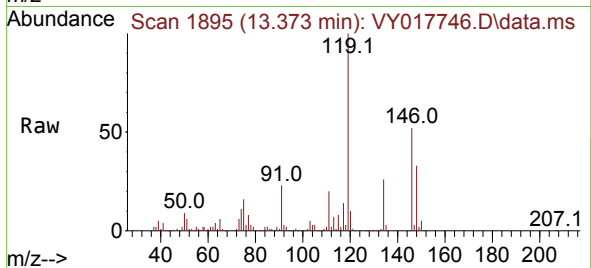
Tgt Ion:146 Resp: 209875

Ion Ratio Lower Upper

146 100

111 37.4 19.0 57.0

148 64.0 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 53.407 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. -0.006 min

Lab File: VY017746.D

Acq: 25 Mar 2024 09:50

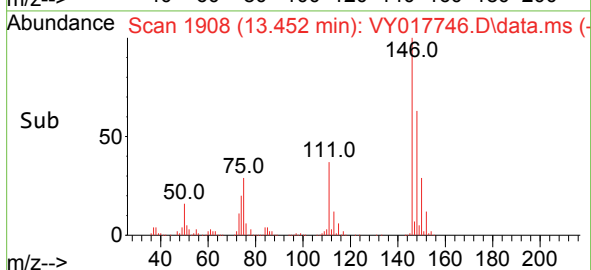
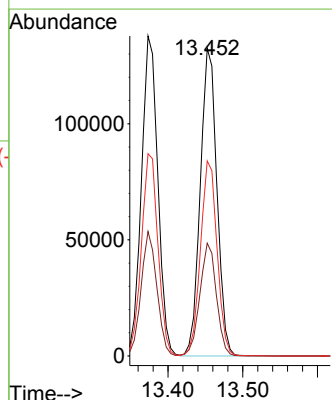
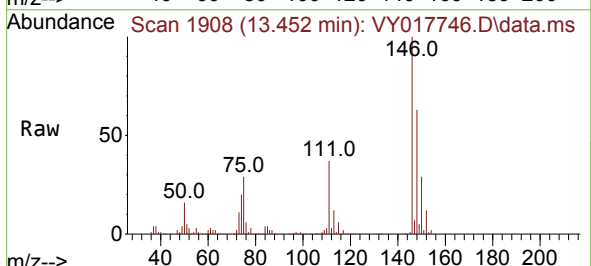
Tgt Ion:146 Resp: 204677

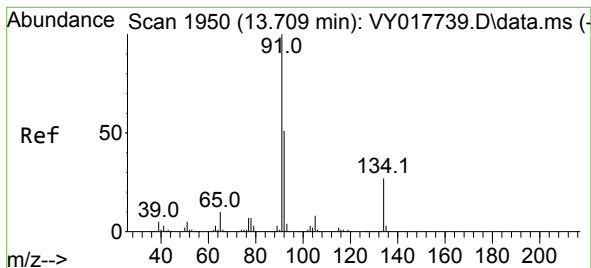
Ion Ratio Lower Upper

146 100

111 36.5 18.4 55.4

148 63.5 32.4 97.2





#89

n-Butylbenzene

Concen: 54.568 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. -0.006 min

Lab File: VY017746.D

Acq: 25 Mar 2024 09:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

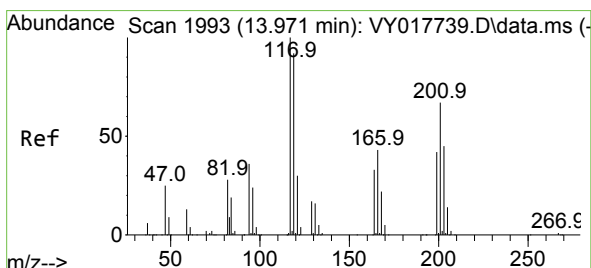
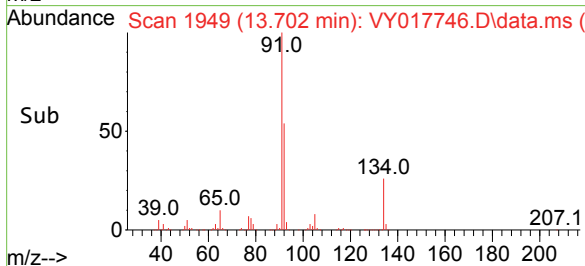
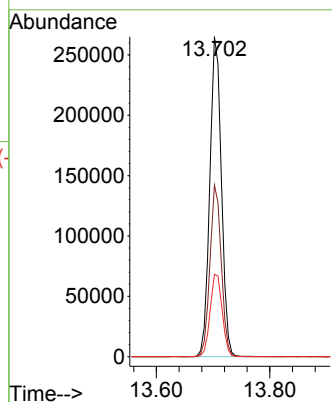
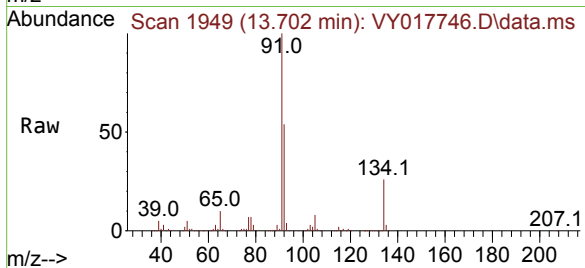
Tgt Ion: 91 Resp: 376586

Ion Ratio Lower Upper

91 100

92 52.6 26.6 79.7

134 26.7 12.9 38.7



#90

Hexachloroethane

Concen: 52.740 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY017746.D

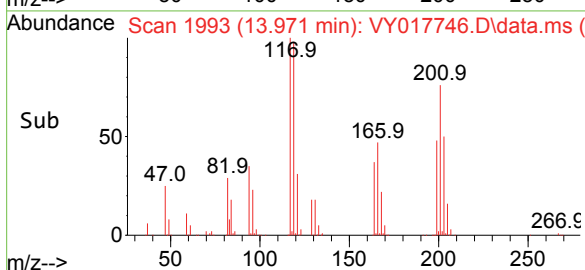
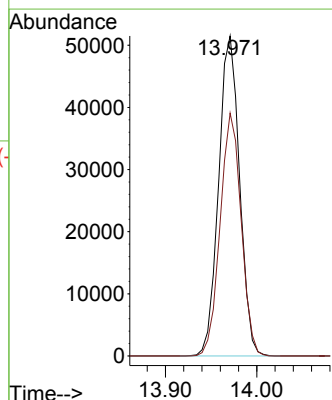
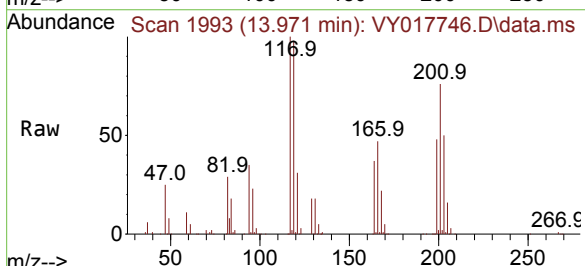
Acq: 25 Mar 2024 09:50

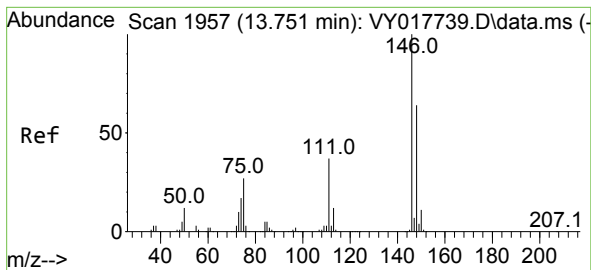
Tgt Ion: 117 Resp: 82041

Ion Ratio Lower Upper

117 100

201 76.1 37.4 112.2

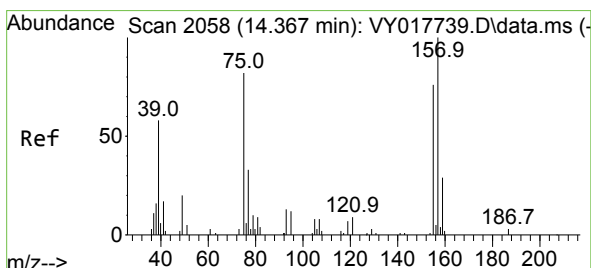
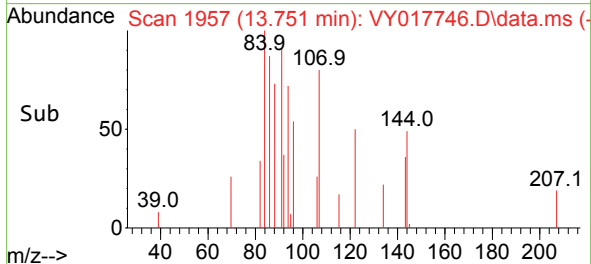
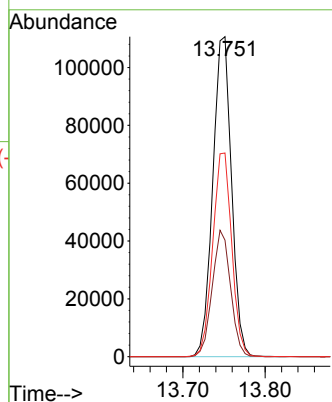
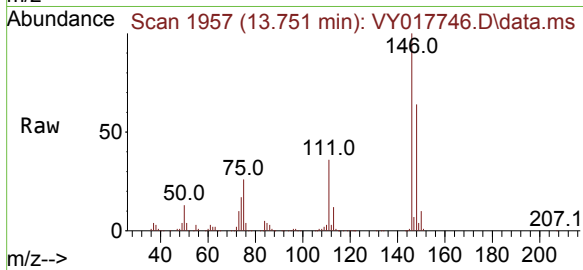




#91
1,2-Dichlorobenzene
Concen: 53.003 ug/l
RT: 13.751 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VY017746.D
Acq: 25 Mar 2024 09:50

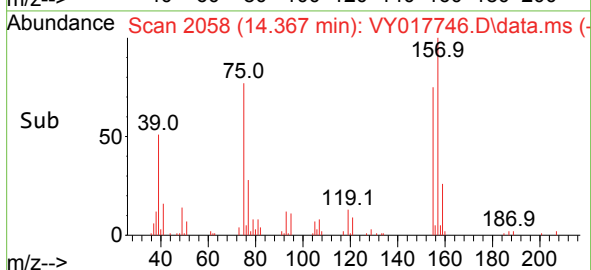
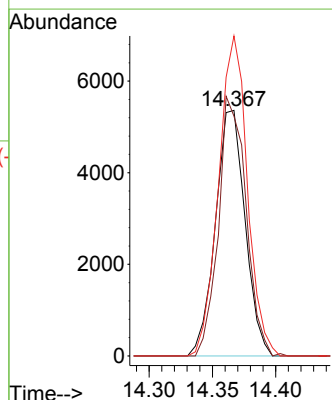
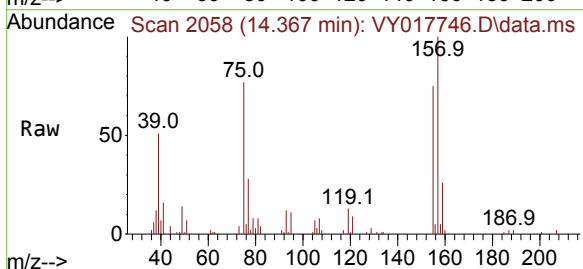
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

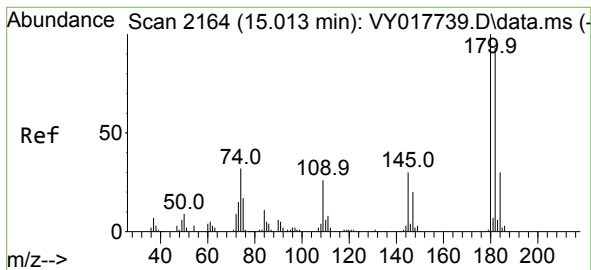
Tgt Ion:146 Resp: 175281
Ion Ratio Lower Upper
146 100
111 38.6 19.9 59.7
148 64.6 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.672 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VY017746.D
Acq: 25 Mar 2024 09:50

Tgt Ion: 75 Resp: 8735
Ion Ratio Lower Upper
75 100
155 98.3 48.6 145.8
157 126.6 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 57.609 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017746.D

Acq: 25 Mar 2024 09:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

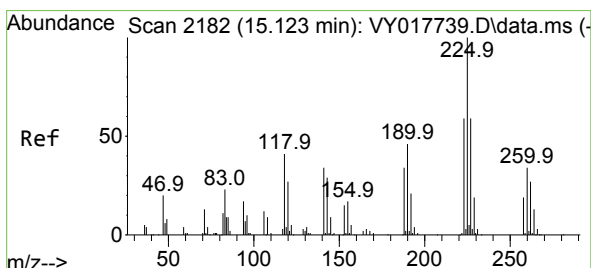
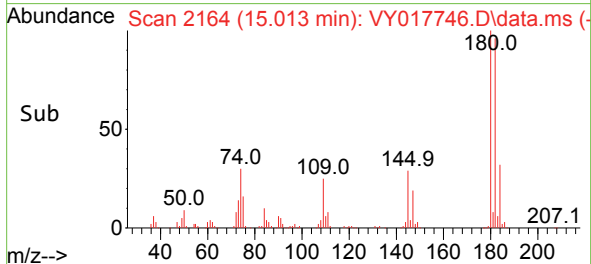
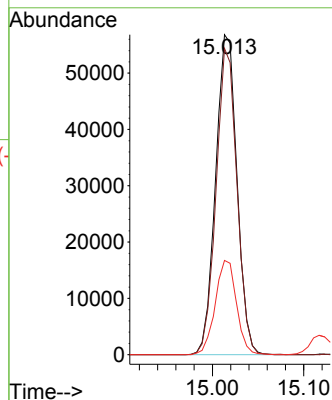
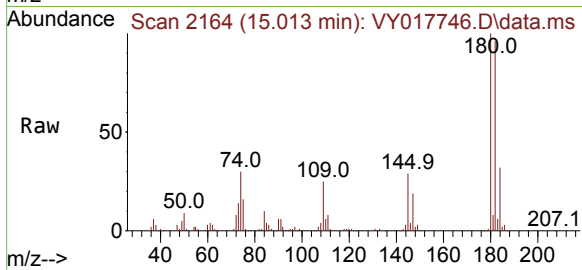
Tgt Ion:180 Resp: 92289

Ion Ratio Lower Upper

180 100

182 93.5 47.9 143.8

145 29.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 58.885 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY017746.D

Acq: 25 Mar 2024 09:50

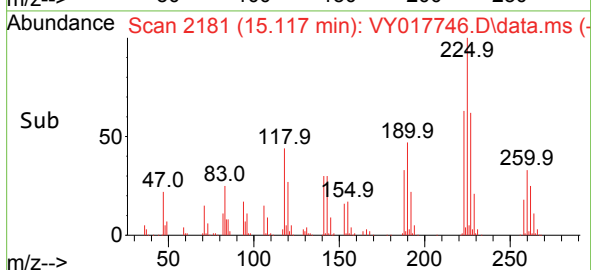
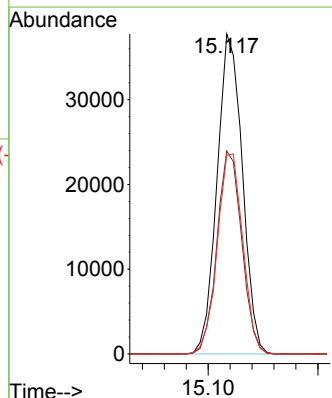
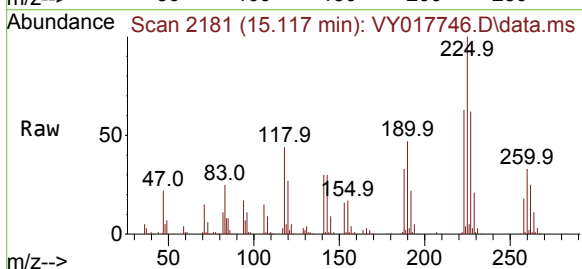
Tgt Ion:225 Resp: 60553

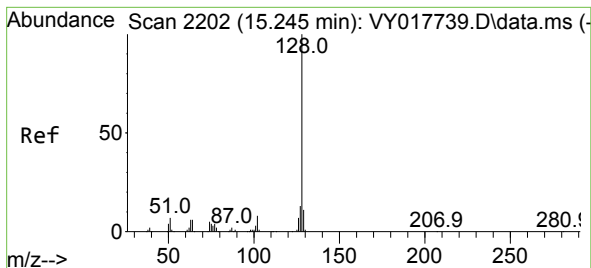
Ion Ratio Lower Upper

225 100

223 62.3 30.4 91.2

227 63.0 31.9 95.9





#95

Naphthalene

Concen: 49.394 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY017746.D

Acq: 25 Mar 2024 09:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

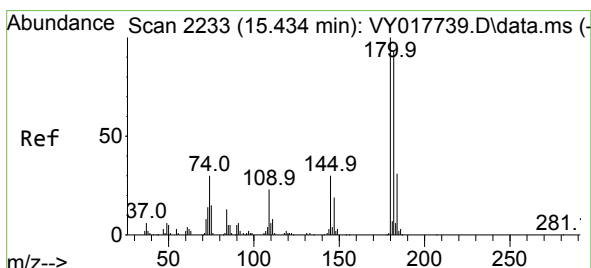
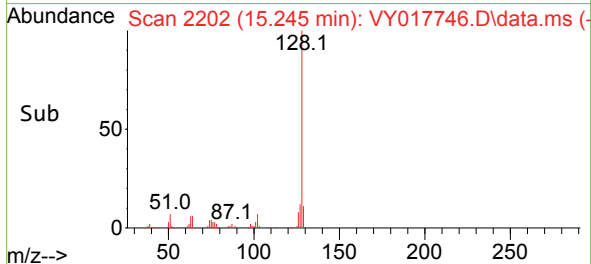
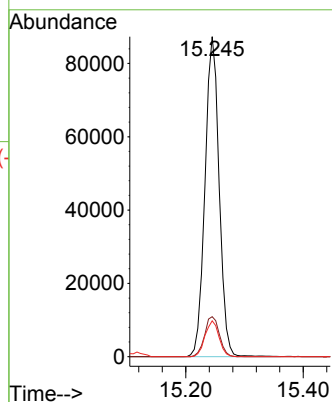
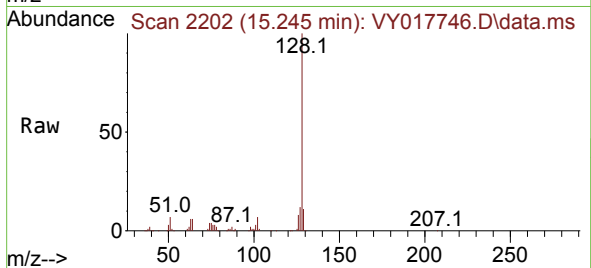
Tgt Ion:128 Resp: 146221

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 57.790 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY017746.D

Acq: 25 Mar 2024 09:50

Tgt Ion:180 Resp: 76438

Ion Ratio Lower Upper

180 100

182 94.7 47.6 142.9

145 31.1 15.4 46.1

