

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022124\
 Data File : VY017426.D
 Acq On : 21 Feb 2024 09:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 22 03:21:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 20 06:16:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	160219	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	249014	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	210367	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.440	152	95851	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	63446	46.354	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.700%
35) Dibromofluoromethane	7.734	113	71997	49.393	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.780%
50) Toluene-d8	10.191	98	285643	50.528	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.060%
62) 4-Bromofluorobenzene	12.495	95	82640	44.044	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.080%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	61010	47.754	ug/l	99
3) Chloromethane	2.125	50	111027	42.582	ug/l	99
4) Vinyl Chloride	2.259	62	155276	45.740	ug/l	100
5) Bromomethane	2.662	94	122868	49.209	ug/l	99
6) Chloroethane	2.808	64	103233	47.736	ug/l	100
7) Trichlorofluoromethane	3.137	101	137520	47.235	ug/l	97
8) Diethyl Ether	3.546	74	36617	44.498	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.912	101	80289	47.711	ug/l	98
10) Methyl Iodide	4.107	142	97868	54.648	ug/l	99
11) Tert butyl alcohol	4.966	59	17983	168.974	ug/l #	84
12) 1,1-Dichloroethene	3.887	96	76856	48.590	ug/l	97
13) Acrolein	3.741	56	34165	239.894	ug/l	100
14) Allyl chloride	4.503	41	94313	49.194	ug/l	98
15) Acrylonitrile	5.180	53	70021	214.030	ug/l	99
16) Acetone	3.960	43	81203	273.939	ug/l	92
17) Carbon Disulfide	4.216	76	244509	48.658	ug/l	98
18) Methyl Acetate	4.491	43	29438	43.795	ug/l	100
19) Methyl tert-butyl Ether	5.241	73	160626	44.957	ug/l	98
20) Methylene Chloride	4.735	84	81151	43.807	ug/l	99
21) trans-1,2-Dichloroethene	5.241	96	91120	49.807	ug/l	100
22) Diisopropyl ether	6.137	45	212482	48.188	ug/l	96
23) Vinyl Acetate	6.082	43	600529	229.161	ug/l	100
24) 1,1-Dichloroethane	6.033	63	145556	48.689	ug/l	99
25) 2-Butanone	7.003	43	102899	247.297	ug/l	98
26) 2,2-Dichloropropane	6.996	77	130186	50.610	ug/l	99
27) cis-1,2-Dichloroethene	7.003	96	99587	49.011	ug/l	99
28) Bromochloromethane	7.350	49	45176	40.276	ug/l	100
29) Tetrahydrofuran	7.362	42	51888	212.131	ug/l	98
30) Chloroform	7.521	83	154732	49.031	ug/l	99
31) Cyclohexane	7.801	56	131261	48.443	ug/l	98
32) 1,1,1-Trichloroethane	7.722	97	138804	49.798	ug/l	98
36) 1,1-Dichloropropene	7.935	75	124292	51.055	ug/l	99
37) Ethyl Acetate	7.088	43	38428	43.351	ug/l	96
38) Carbon Tetrachloride	7.917	117	124455	51.347	ug/l	98
39) Methylcyclohexane	9.197	83	153658	51.564	ug/l	98
40) Benzene	8.179	78	354892	49.896	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.362	41	50344	116.293	ug/l #	25
42) 1,2-Dichloroethane	8.252	62	82580	47.831	ug/l	100
43) Isopropyl Acetate	8.289	43	71131	44.404	ug/l	99
44) Trichloroethene	8.953	130	95819	49.700	ug/l	95
45) 1,2-Dichloropropane	9.228	63	81121	49.339	ug/l	99
46) Dibromomethane	9.319	93	43341	46.378	ug/l	100
47) Bromodichloromethane	9.508	83	112262	48.859	ug/l	97
48) Methyl methacrylate	9.307	41	33423	44.470	ug/l	99
49) 1,4-Dioxane	9.313	88	8132	831.987	ug/l #	95
51) 4-Methyl-2-Pentanone	10.081	43	192083	222.536	ug/l	100
52) Toluene	10.258	92	226214	50.944	ug/l	99
53) t-1,3-Dichloropropene	10.478	75	101216	47.574	ug/l	98
54) cis-1,3-Dichloropropene	9.941	75	126570	48.490	ug/l	98
55) 1,1,2-Trichloroethane	10.654	97	58705	45.656	ug/l	98
56) Ethyl methacrylate	10.520	69	67434	42.189	ug/l	99
57) 1,3-Dichloropropane	10.807	76	98386	46.245	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	185463	241.401	ug/l	99
59) 2-Hexanone	10.843	43	150680	253.444	ug/l	99
60) Dibromochloromethane	10.996	129	72245	47.266	ug/l	98
61) 1,2-Dibromoethane	11.099	107	55340	46.003	ug/l	99
64) Tetrachloroethene	10.734	164	83279	49.466	ug/l	100
65) Chlorobenzene	11.532	112	228121	50.336	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.605	131	82717	49.014	ug/l	99
67) Ethyl Benzene	11.605	91	424914	52.424	ug/l	98
68) m/p-Xylenes	11.715	106	333899	104.792	ug/l	100
69) o-Xylene	12.044	106	151417	51.800	ug/l	100
70) Styrene	12.057	104	249837	52.038	ug/l	99
71) Bromoform	12.221	173	40953	46.640	ug/l #	97
73) Isopropylbenzene	12.343	105	407060	54.979	ug/l	100
74) N-amyl acetate	12.154	43	59224	45.940	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	61193	46.244	ug/l	99
76) 1,2,3-Trichloropropane	12.648	75	76639	82.464	ug/l #	100
77) Bromobenzene	12.623	156	86669	49.912	ug/l	98
78) n-propylbenzene	12.684	91	485014	54.158	ug/l	100
79) 2-Chlorotoluene	12.770	91	259562	52.638	ug/l	100
80) 1,3,5-Trimethylbenzene	12.825	105	318620	53.802	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.392	75	18620	46.713	ug/l	97
82) 4-Chlorotoluene	12.867	91	259713	51.039	ug/l	98
83) tert-Butylbenzene	13.087	119	278654	53.885	ug/l	100
84) 1,2,4-Trimethylbenzene	13.136	105	310663	52.952	ug/l	100
85) sec-Butylbenzene	13.270	105	421857	53.112	ug/l	100
86) p-Isopropyltoluene	13.386	119	346166	52.915	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	173257	49.407	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	166572	49.195	ug/l	99
89) n-Butylbenzene	13.709	91	310977	52.266	ug/l	100
90) Hexachloroethane	13.977	117	64974	50.687	ug/l	99
91) 1,2-Dichlorobenzene	13.751	146	144059	48.805	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	7064	42.234	ug/l	98
93) 1,2,4-Trichlorobenzene	15.025	180	71884	46.576	ug/l	97
94) Hexachlorobutadiene	15.129	225	43979	46.853	ug/l	99
95) Naphthalene	15.251	128	112067	39.867	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	57431	44.262	ug/l	99

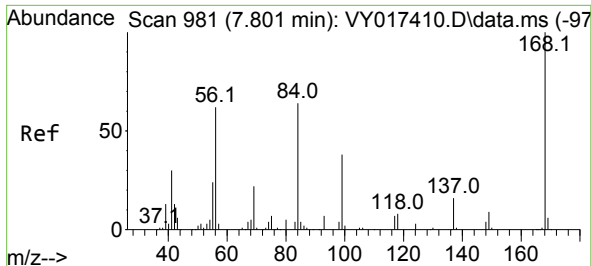
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QLast Update : Tue Feb 20 06:16:24 2024
Response via : Initial Calibration

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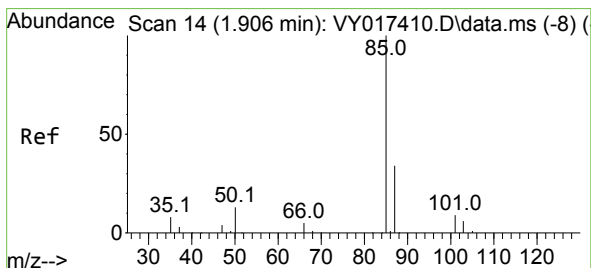
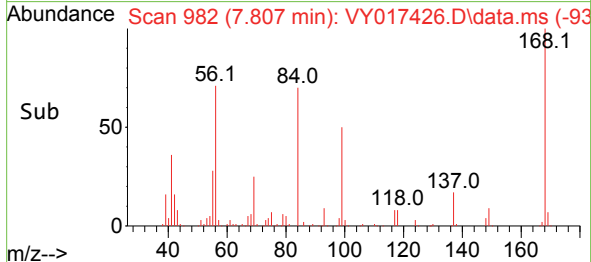
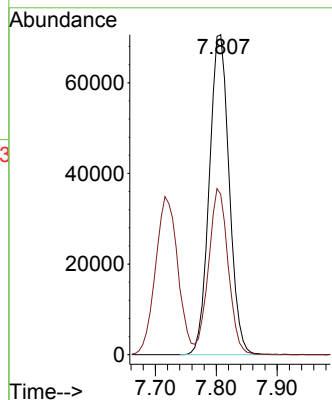
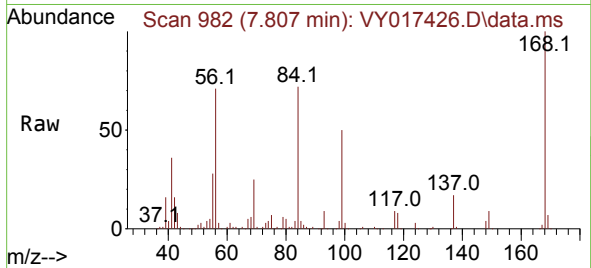
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017426.D
Acq: 21 Feb 2024 09:04

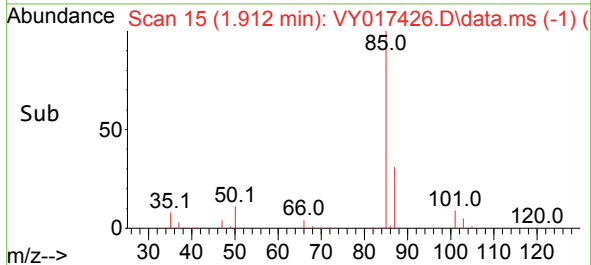
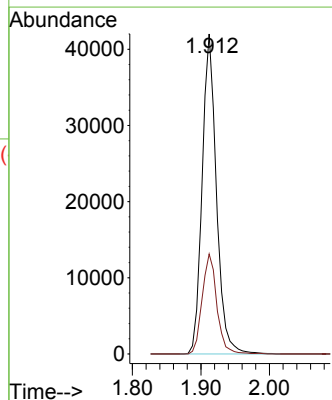
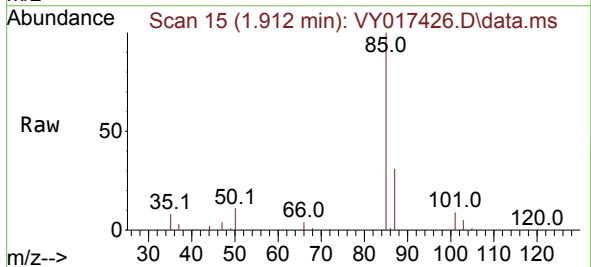
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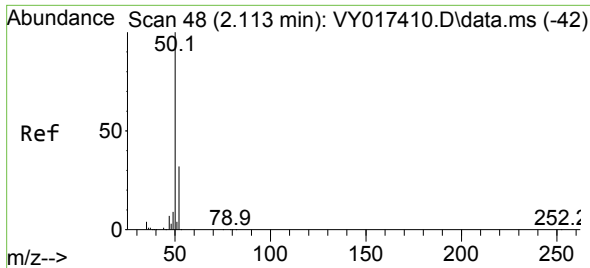
Tgt Ion:168 Resp: 160219
Ion Ratio Lower Upper
168 100
99 50.1 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 47.754 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY017426.D
Acq: 21 Feb 2024 09:04

Tgt Ion: 85 Resp: 61010
Ion Ratio Lower Upper
85 100
87 31.2 16.0 48.0

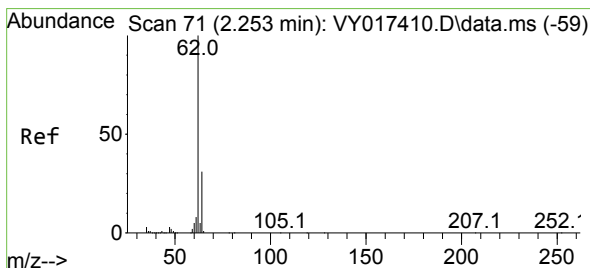
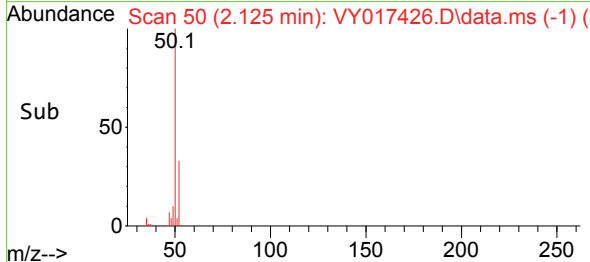
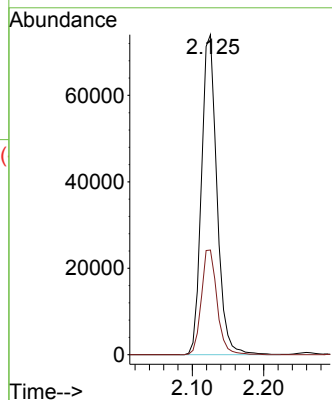
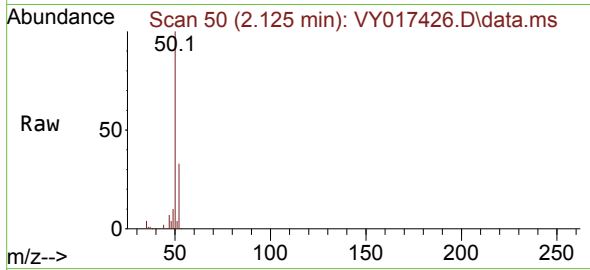




#3
Chloromethane
Concen: 42.582 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY017426.D
Acq: 21 Feb 2024 09:04

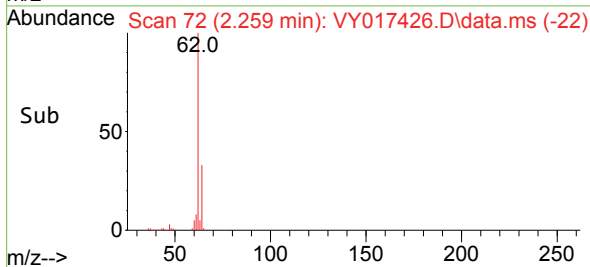
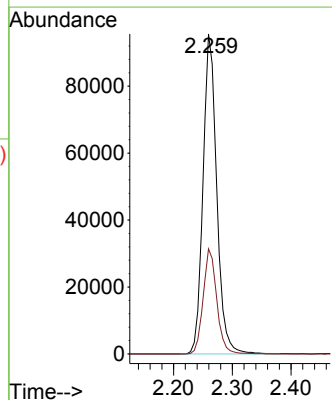
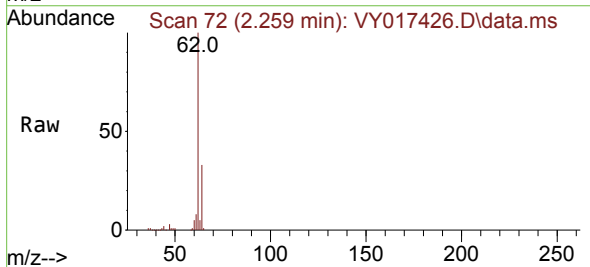
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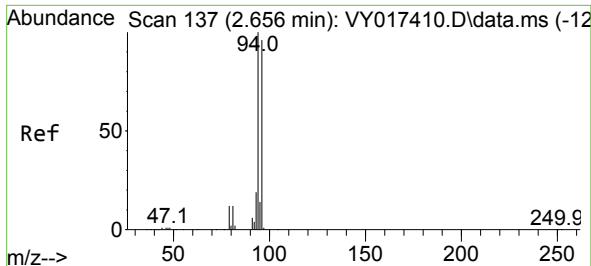
Tgt Ion: 50 Resp: 111027
Ion Ratio Lower Upper
50 100
52 32.7 25.6 38.4



#4
Vinyl Chloride
Concen: 45.740 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY017426.D
Acq: 21 Feb 2024 09:04

Tgt Ion: 62 Resp: 155276
Ion Ratio Lower Upper
62 100
64 32.9 26.1 39.1

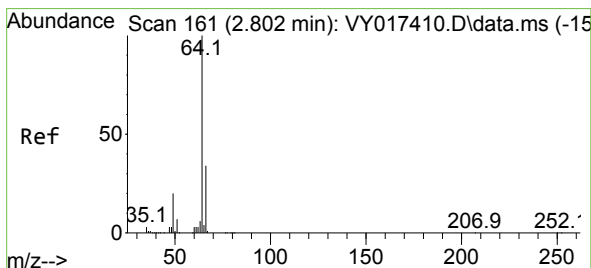
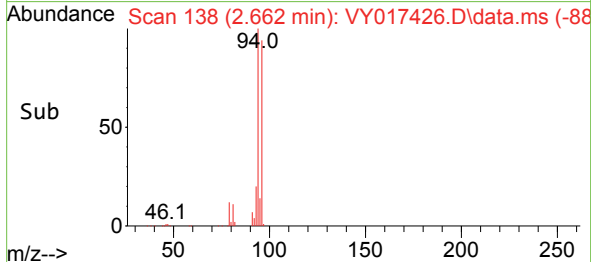
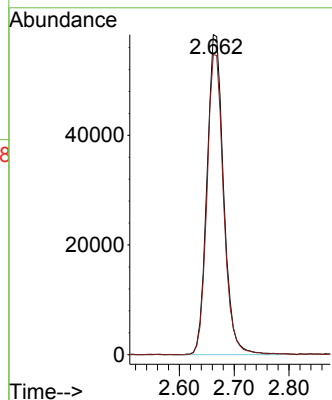
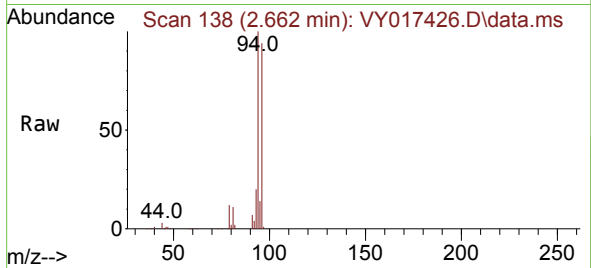




#5
Bromomethane
Concen: 49.209 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017426.D
Acq: 21 Feb 2024 09:04

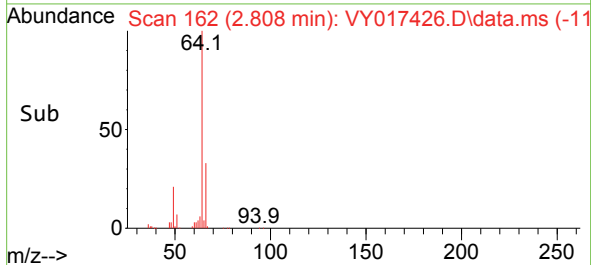
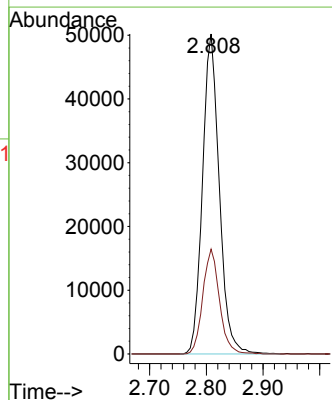
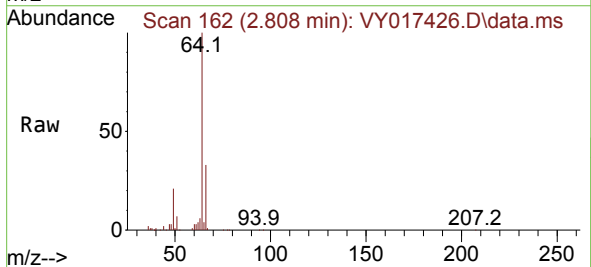
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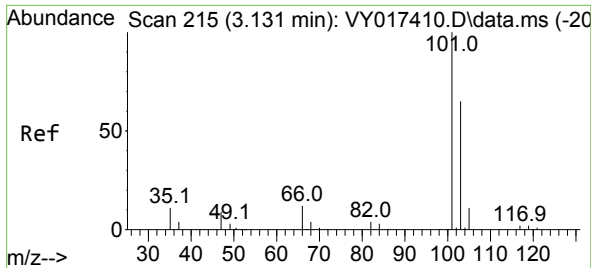
Tgt Ion: 94 Resp: 122868
Ion Ratio Lower Upper
94 100
96 93.8 74.1 111.1



#6
Chloroethane
Concen: 47.736 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.006 min
Lab File: VY017426.D
Acq: 21 Feb 2024 09:04

Tgt Ion: 64 Resp: 103233
Ion Ratio Lower Upper
64 100
66 32.7 26.1 39.1

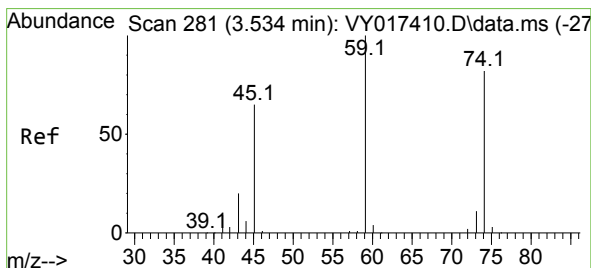
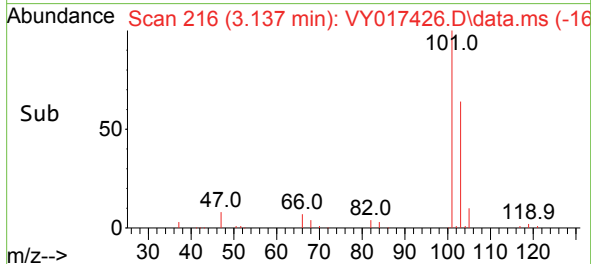
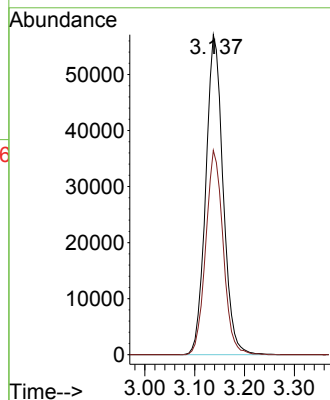
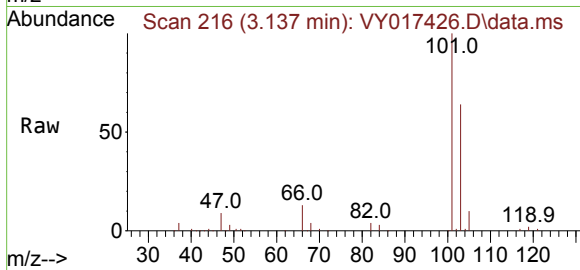




#7
 Trichlorofluoromethane
 Concen: 47.235 ug/l
 RT: 3.137 min Scan# 215
 Delta R.T. 0.006 min
 Lab File: VY017426.D
 Acq: 21 Feb 2024 09:04

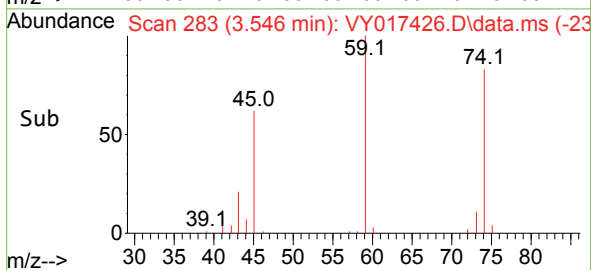
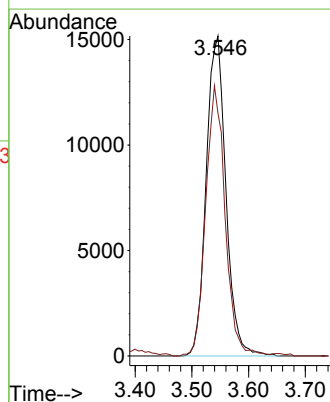
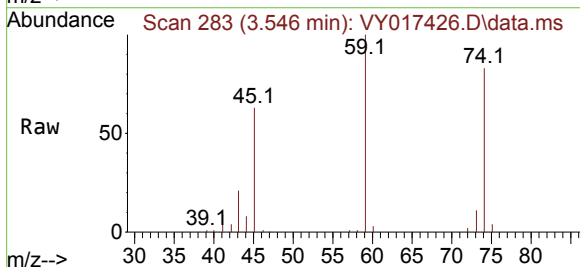
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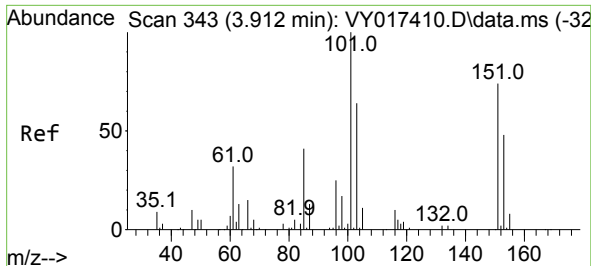
Tgt Ion:101 Resp: 137520
 Ion Ratio Lower Upper
 101 100
 103 63.9 49.3 73.9



#8
 Diethyl Ether
 Concen: 44.498 ug/l
 RT: 3.546 min Scan# 283
 Delta R.T. 0.012 min
 Lab File: VY017426.D
 Acq: 21 Feb 2024 09:04

Tgt Ion: 74 Resp: 36617
 Ion Ratio Lower Upper
 74 100
 45 83.3 41.3 124.1

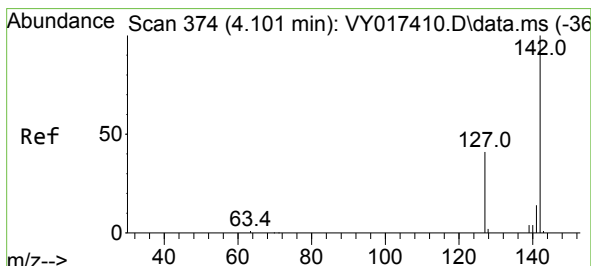
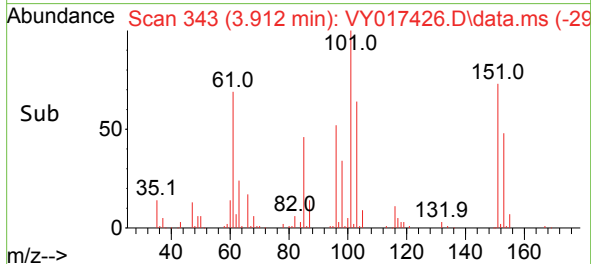
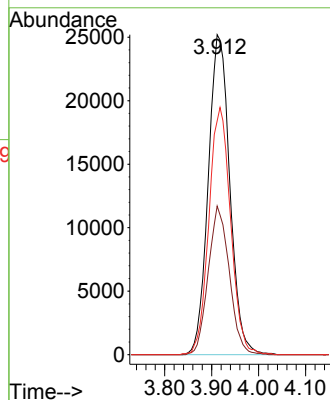
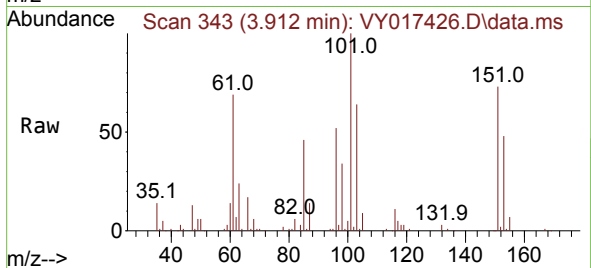




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.711 ug/l
RT: 3.912 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY017426.D
Acq: 21 Feb 2024 09:04

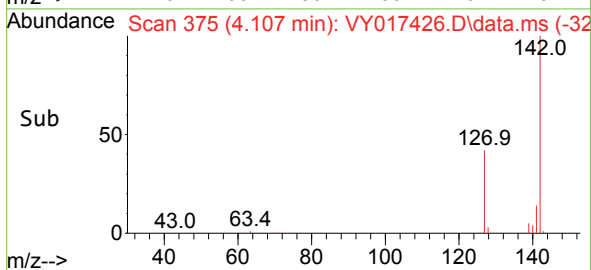
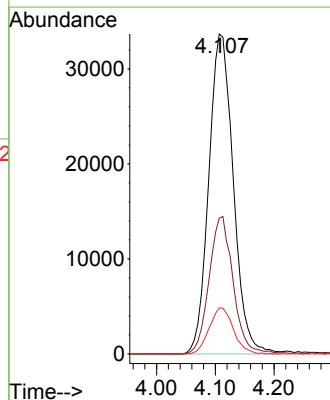
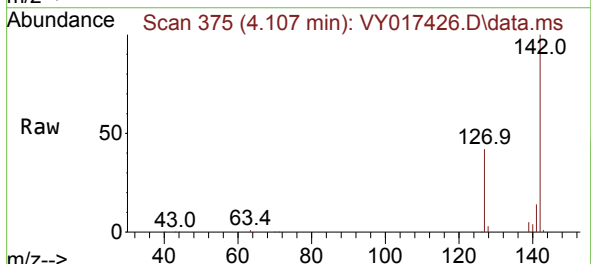
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ClientSampleId :
VSTDCCC050

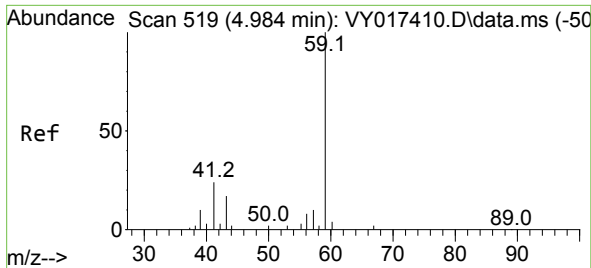
Tgt Ion:101 Resp: 80289
Ion Ratio Lower Upper
101 100
85 45.3 34.5 51.7
151 77.9 61.7 92.5



#10
Methyl Iodide
Concen: 54.648 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY017426.D
Acq: 21 Feb 2024 09:04

Tgt Ion:142 Resp: 97868
Ion Ratio Lower Upper
142 100
127 42.1 32.8 49.2
141 14.2 11.4 17.2

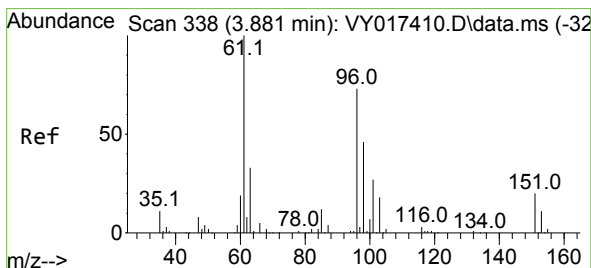
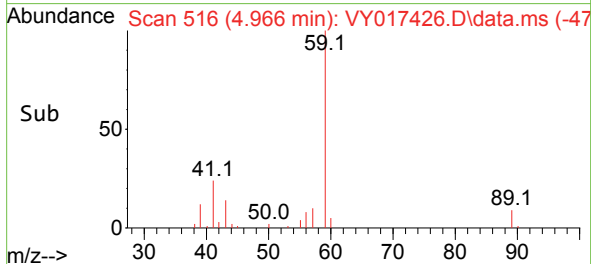
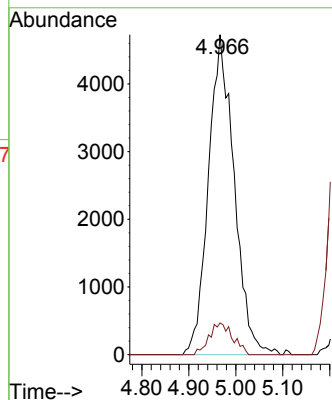
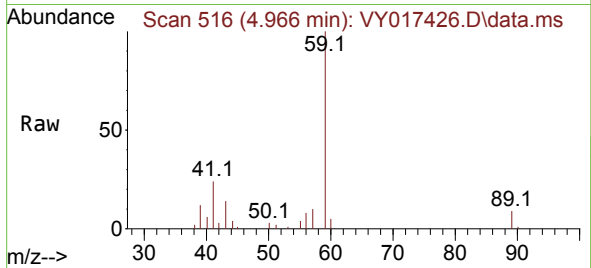




#11
Tert butyl alcohol
Concen: 168.974 ug/l
RT: 4.966 min Scan# 519
Delta R.T. -0.018 min
Lab File: VY017426.D
Acq: 21 Feb 2024 09:04

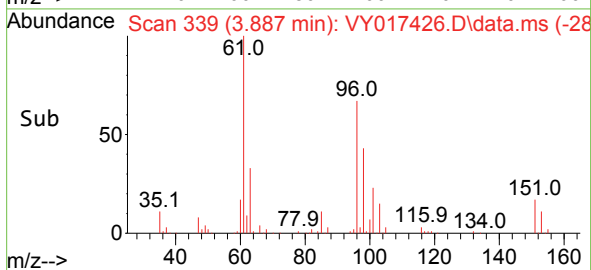
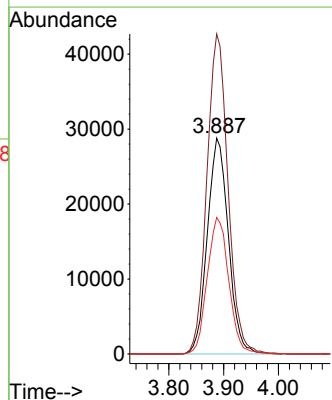
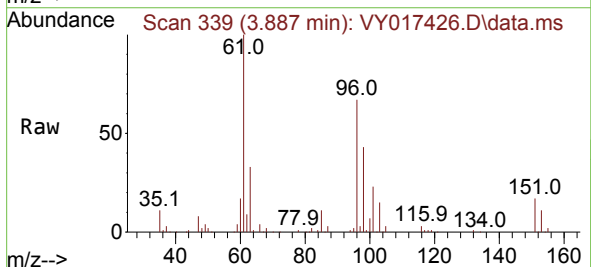
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

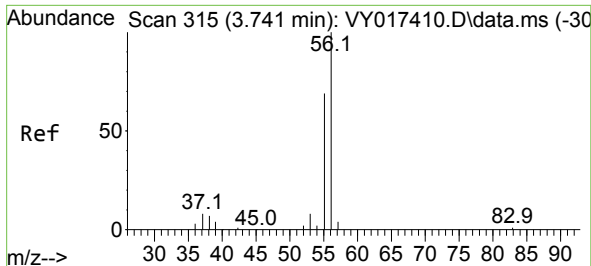
Tgt Ion: 59 Resp: 17983
Ion Ratio Lower Upper
59 100
57 9.1 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 48.590 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY017426.D
Acq: 21 Feb 2024 09:04

Tgt Ion: 96 Resp: 76856
Ion Ratio Lower Upper
96 100
61 148.3 114.6 171.8
98 63.2 50.8 76.2





#13

Acrolein

Concen: 239.894 ug/l

RT: 3.741 min Scan# 315

Delta R.T. 0.000 min

Lab File: VY017426.D

Acq: 21 Feb 2024 09:04

Instrument :

MSVOA_Y

ClientSampleId :

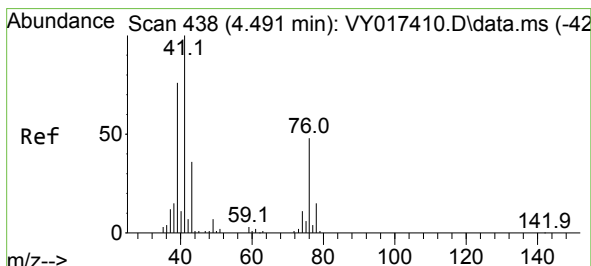
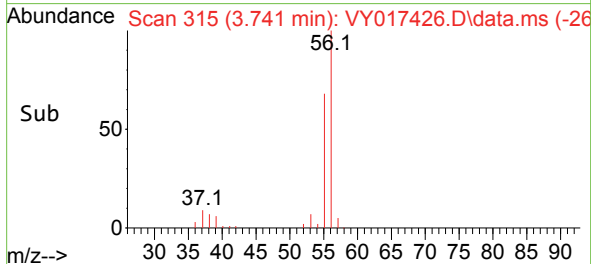
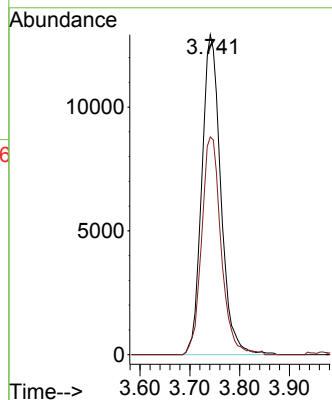
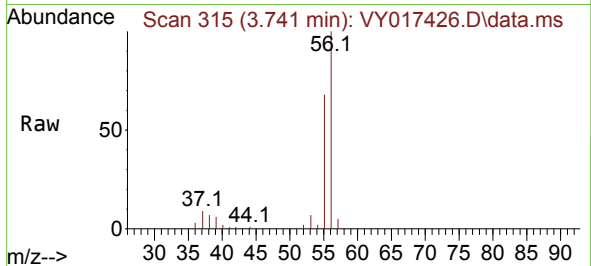
VSTDCCC050

Tgt Ion: 56 Resp: 34165

Ion Ratio Lower Upper

56 100

55 69.7 55.7 83.5



#14

Allyl chloride

Concen: 49.194 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.012 min

Lab File: VY017426.D

Acq: 21 Feb 2024 09:04

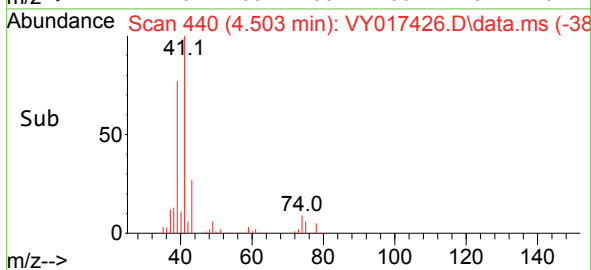
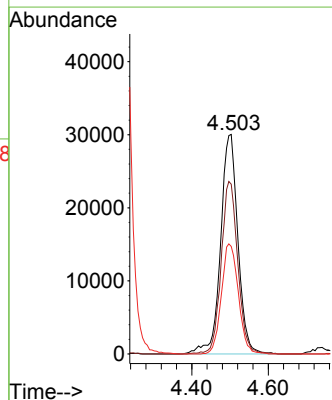
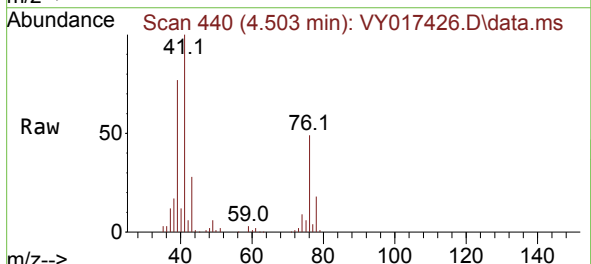
Tgt Ion: 41 Resp: 94313

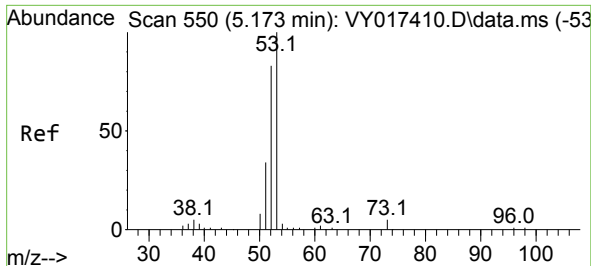
Ion Ratio Lower Upper

41 100

39 75.6 58.3 87.5

76 49.0 39.0 58.6

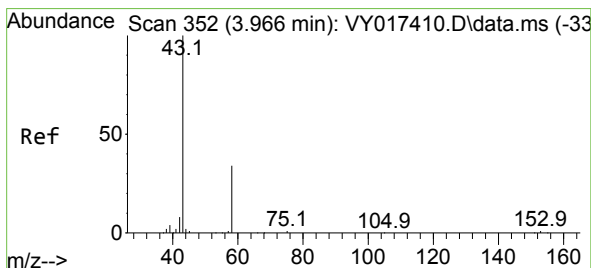
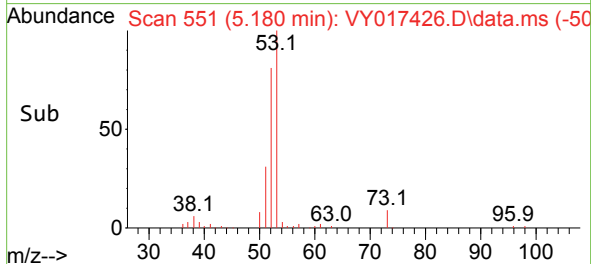
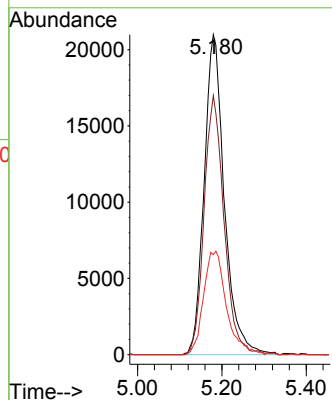
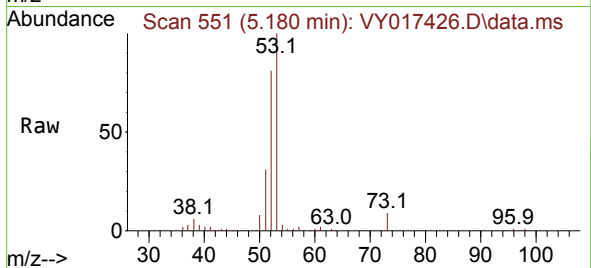




#15
Acrylonitrile
Concen: 214.030 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY017426.D
Acq: 21 Feb 2024 09:04

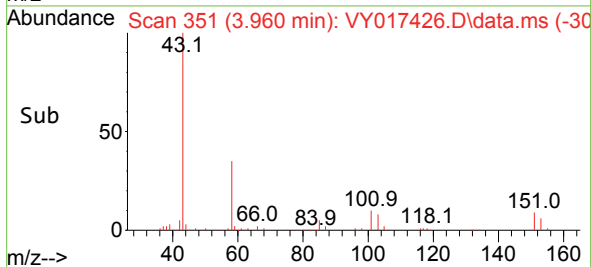
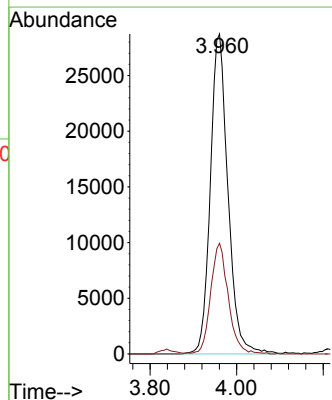
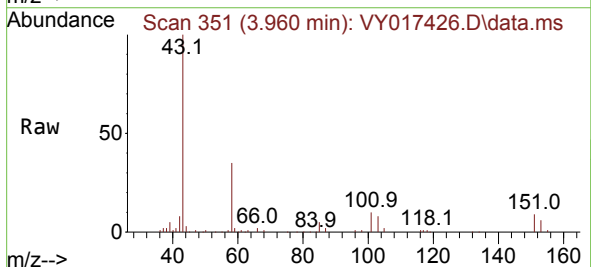
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

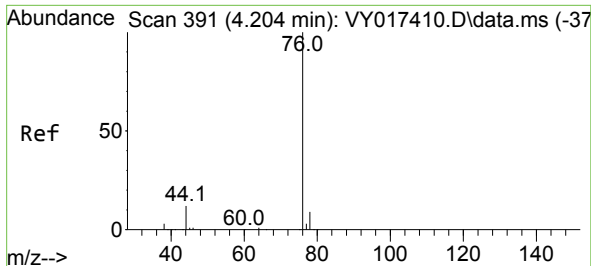
Tgt Ion: 53 Resp: 70021
Ion Ratio Lower Upper
53 100
52 80.0 64.7 97.1
51 36.6 28.4 42.6



#16
Acetone
Concen: 273.939 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.006 min
Lab File: VY017426.D
Acq: 21 Feb 2024 09:04

Tgt Ion: 43 Resp: 81203
Ion Ratio Lower Upper
43 100
58 34.6 31.7 47.5





#17

Carbon Disulfide

Concen: 48.658 ug/l

RT: 4.216 min Scan# 391

Delta R.T. 0.012 min

Lab File: VY017426.D

Acq: 21 Feb 2024 09:04

Instrument :

MSVOA_Y

ClientSampleId :

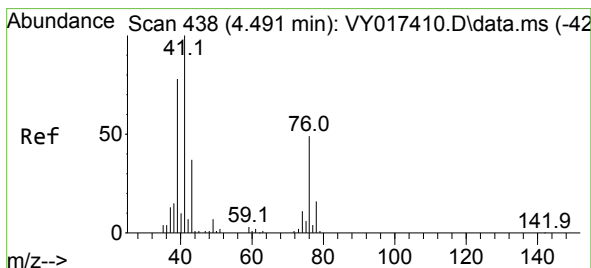
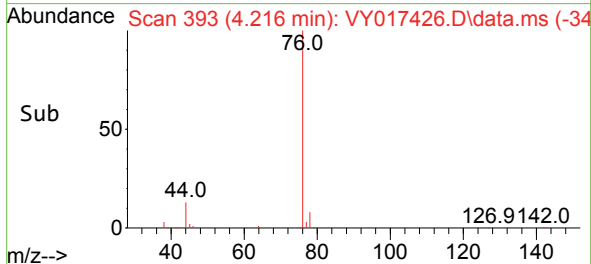
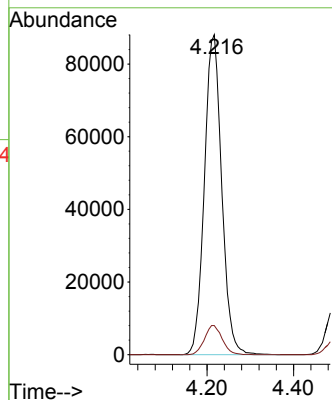
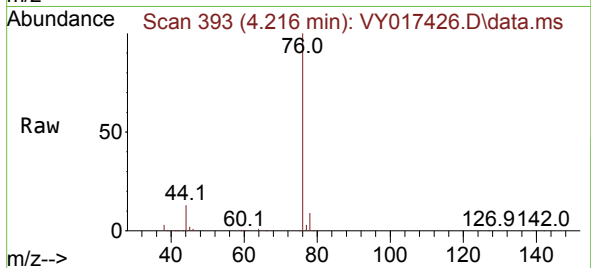
VSTDCCC050

Tgt Ion: 76 Resp: 244509

Ion Ratio Lower Upper

76 100

78 9.1 6.8 10.2



#18

Methyl Acetate

Concen: 43.795 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.000 min

Lab File: VY017426.D

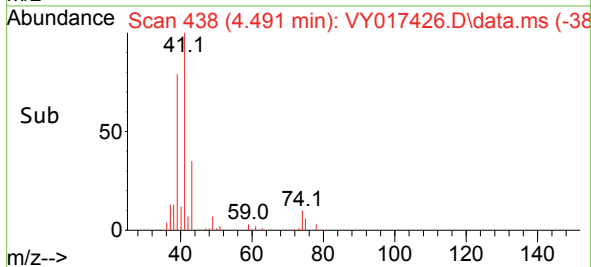
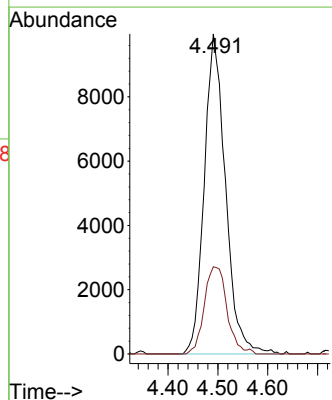
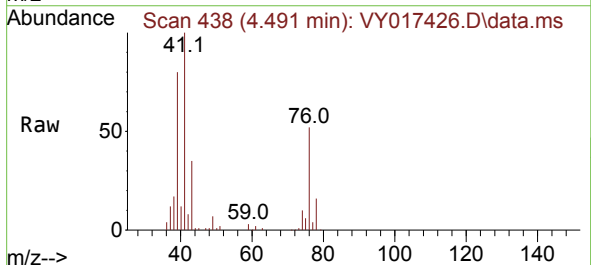
Acq: 21 Feb 2024 09:04

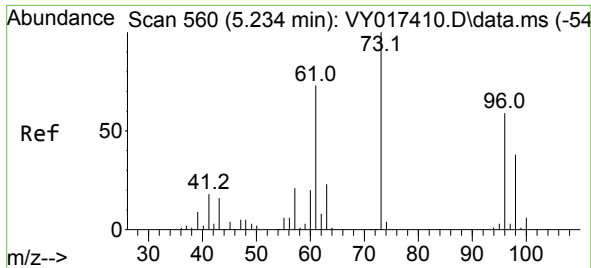
Tgt Ion: 43 Resp: 29438

Ion Ratio Lower Upper

43 100

74 29.2 23.3 34.9

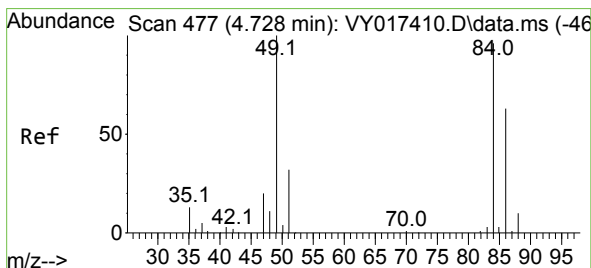
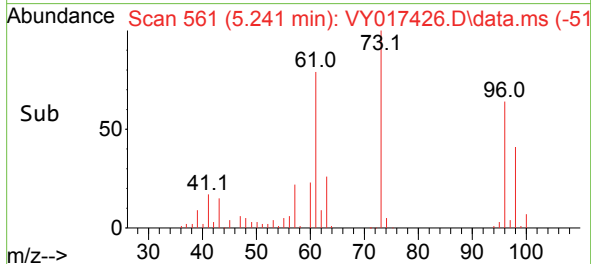
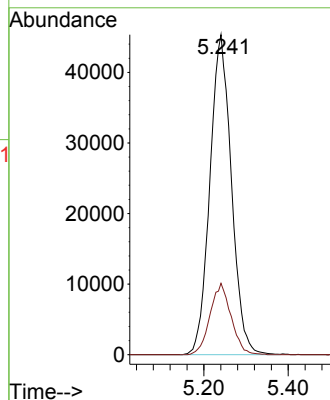
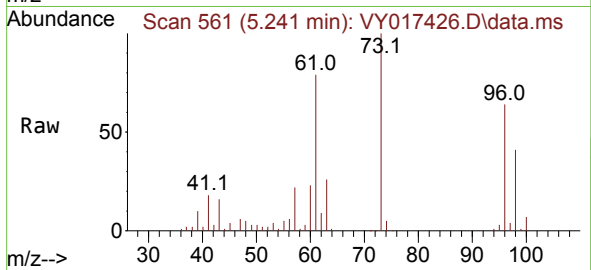




#19
Methyl tert-butyl Ether
Concen: 44.957 ug/l
RT: 5.241 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY017426.D
Acq: 21 Feb 2024 09:04

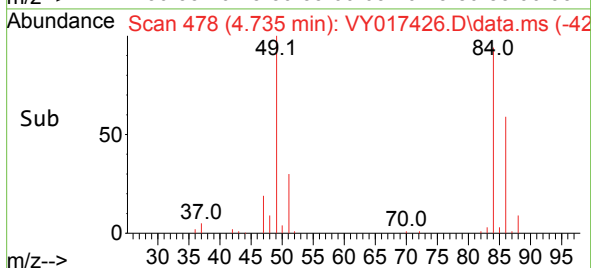
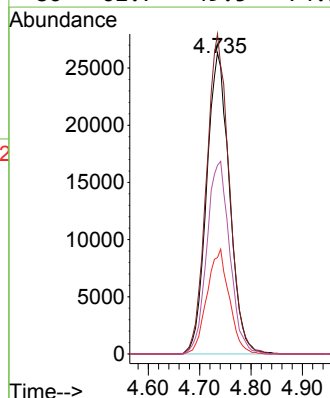
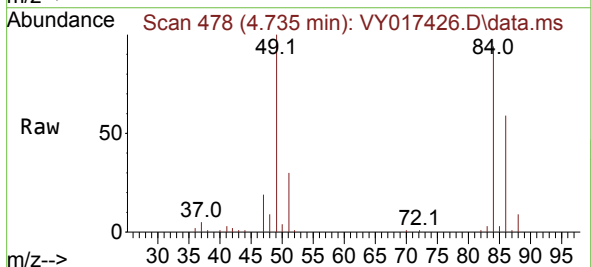
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

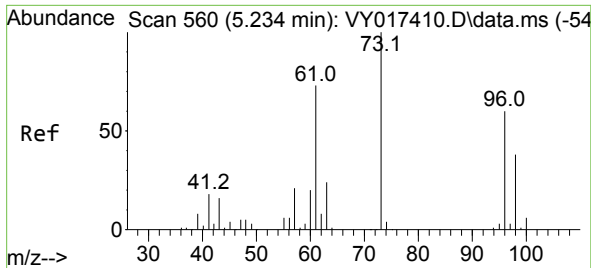
Tgt Ion: 73 Resp: 160626
Ion Ratio Lower Upper
73 100
57 22.3 17.3 25.9



#20
Methylene Chloride
Concen: 43.807 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.007 min
Lab File: VY017426.D
Acq: 21 Feb 2024 09:04

Tgt Ion: 84 Resp: 81151
Ion Ratio Lower Upper
84 100
49 106.3 84.4 126.6
51 32.0 26.0 39.0
86 62.7 49.5 74.3

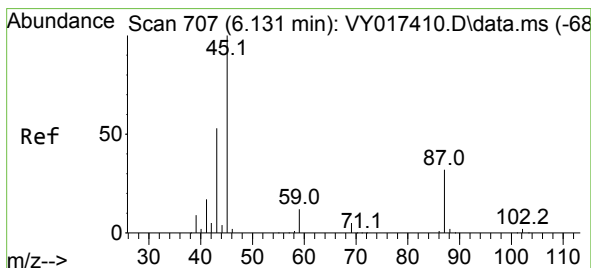
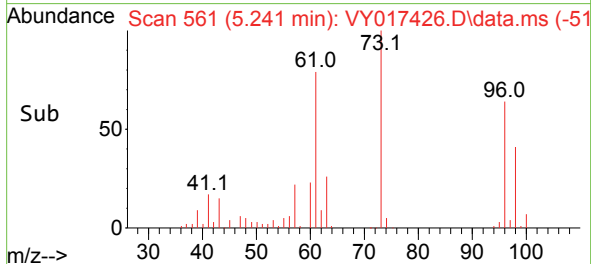
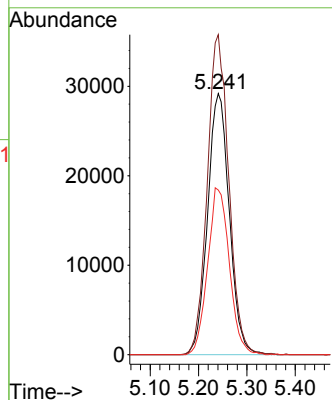
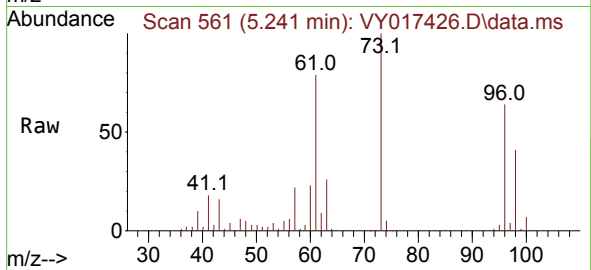




#21
trans-1,2-Dichloroethene
Concen: 49.807 ug/l
RT: 5.241 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY017426.D
Acq: 21 Feb 2024 09:04

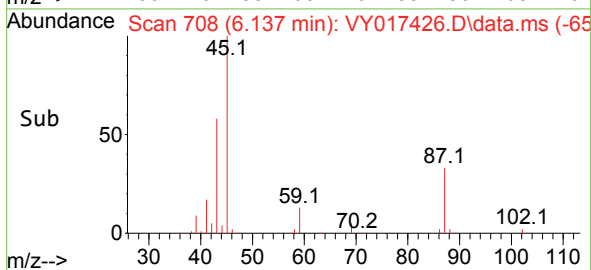
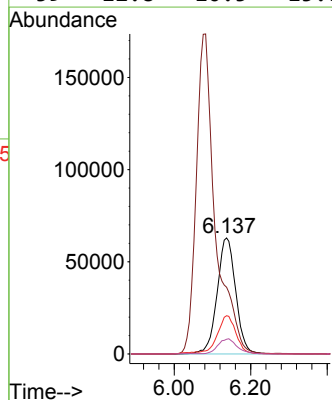
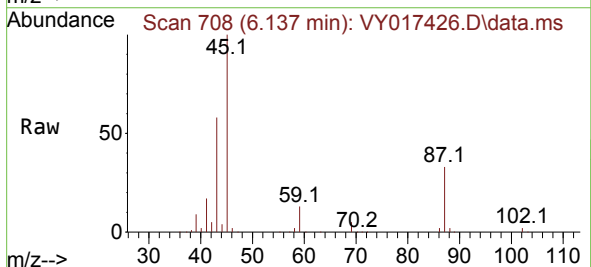
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

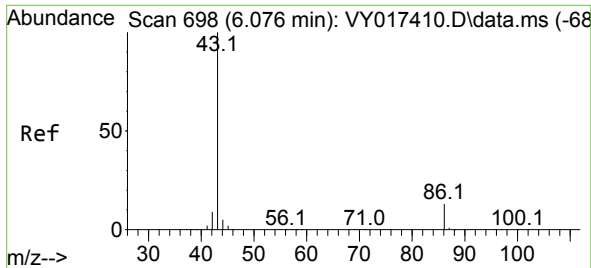
Tgt Ion: 96 Resp: 91120
Ion Ratio Lower Upper
96 100
61 122.6 97.5 146.3
98 63.1 50.5 75.7



#22
Diisopropyl ether
Concen: 48.188 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.006 min
Lab File: VY017426.D
Acq: 21 Feb 2024 09:04

Tgt Ion: 45 Resp: 212482
Ion Ratio Lower Upper
45 100
43 57.0 42.2 63.2
87 32.8 25.0 37.6
59 12.8 10.5 15.7

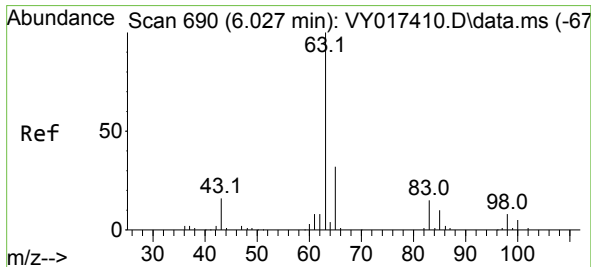
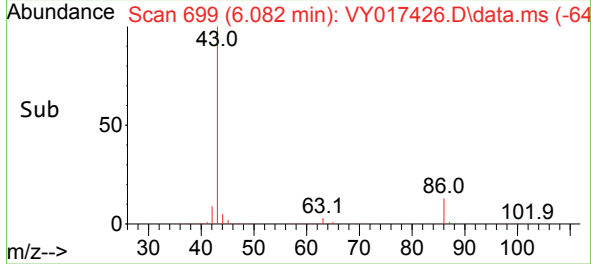
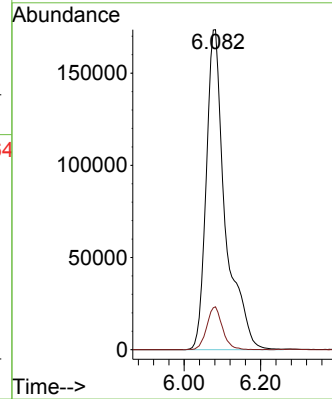
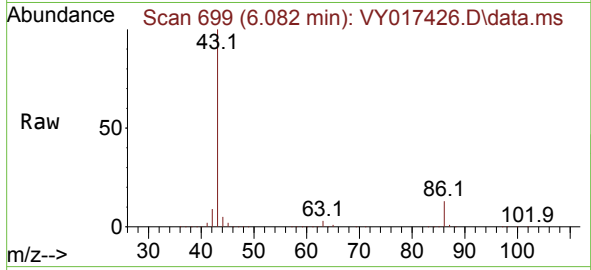




#23
 Vinyl Acetate
 Concen: 229.161 ug/l
 RT: 6.082 min Scan# 699
 Delta R.T. 0.006 min
 Lab File: VY017426.D
 Acq: 21 Feb 2024 09:04

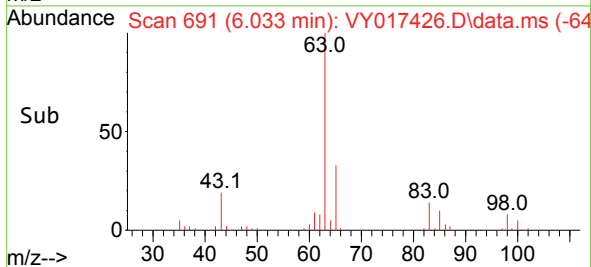
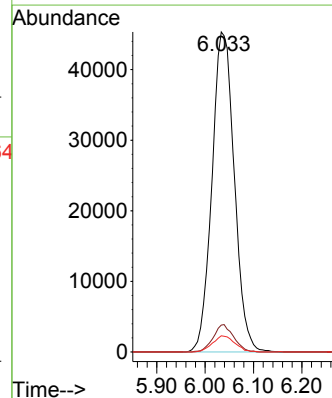
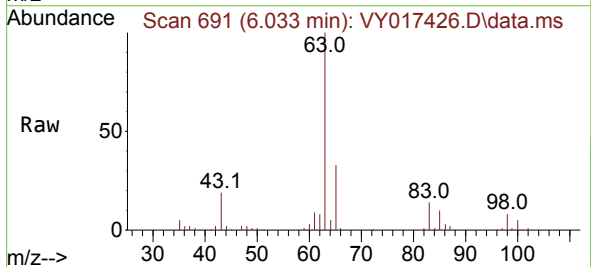
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

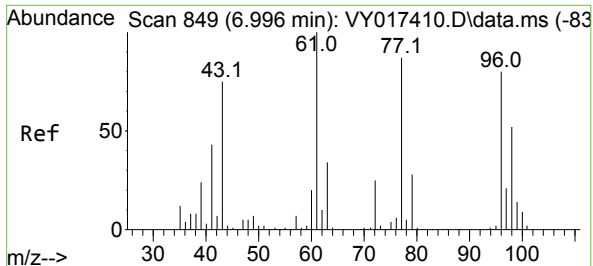
Tgt Ion: 43 Resp: 600529
 Ion Ratio Lower Upper
 43 100
 86 13.4 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 48.689 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.006 min
 Lab File: VY017426.D
 Acq: 21 Feb 2024 09:04

Tgt Ion: 63 Resp: 145556
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.0 12.2
 100 5.1 2.6 8.0





#25

2-Butanone

Concen: 247.297 ug/l

RT: 7.003 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY017426.D

Acq: 21 Feb 2024 09:04

Instrument :

MSVOA_Y

ClientSampleId :

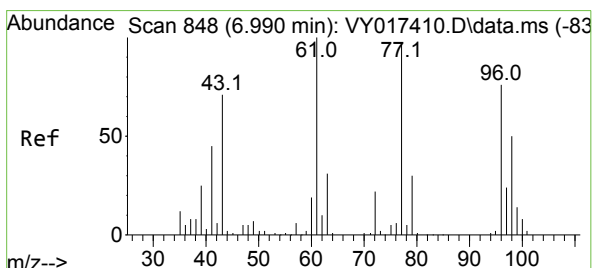
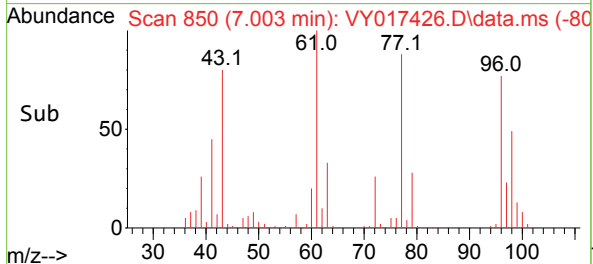
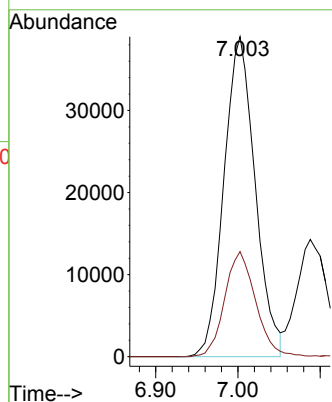
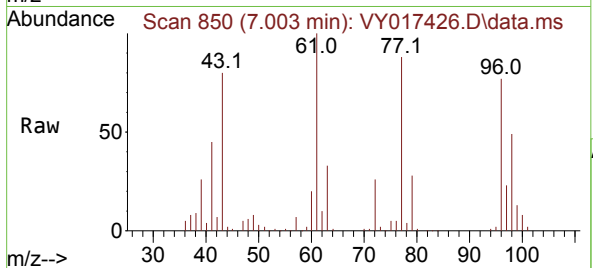
VSTDCCC050

Tgt Ion: 43 Resp: 102899

Ion Ratio Lower Upper

43 100

72 32.9 27.3 40.9



#26

2,2-Dichloropropane

Concen: 50.610 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY017426.D

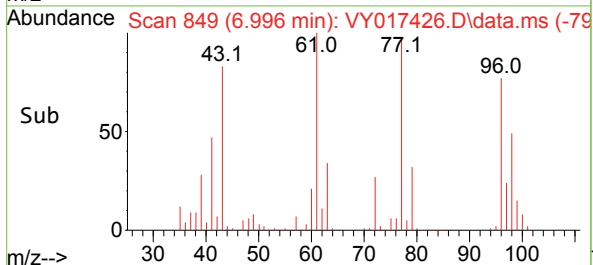
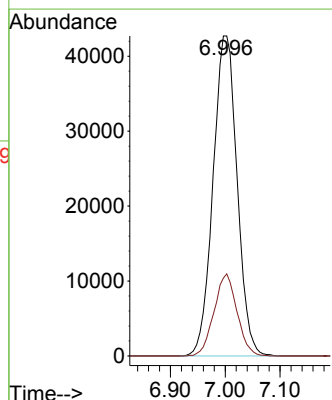
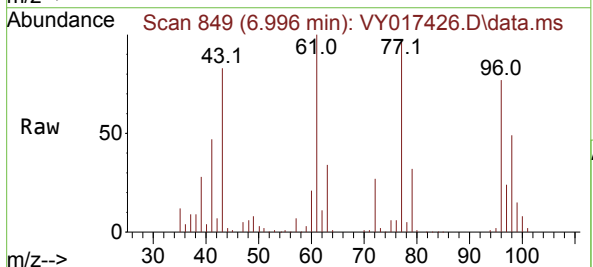
Acq: 21 Feb 2024 09:04

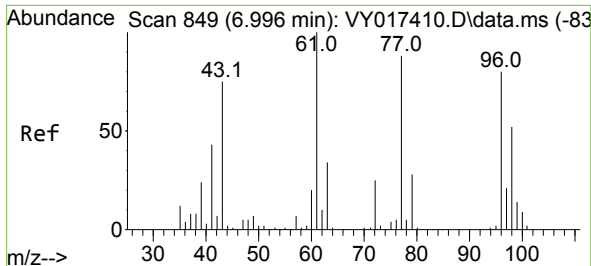
Tgt Ion: 77 Resp: 130186

Ion Ratio Lower Upper

77 100

97 24.5 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 49.011 ug/l

RT: 7.003 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY017426.D

Acq: 21 Feb 2024 09:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

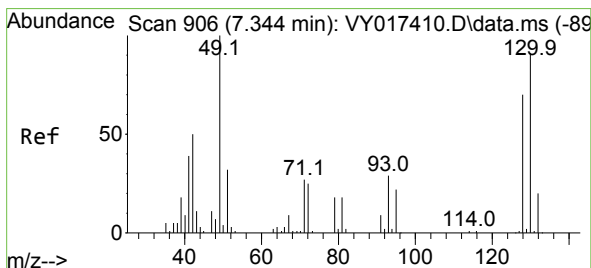
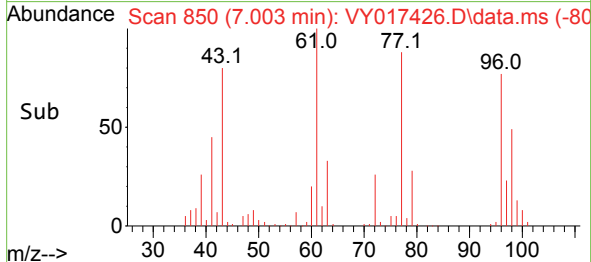
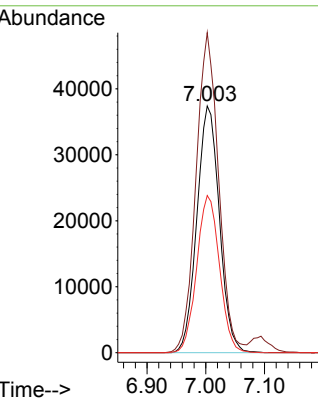
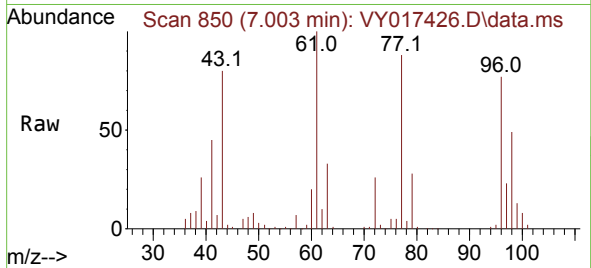
Tgt Ion: 96 Resp: 99587

Ion Ratio Lower Upper

96 100

61 130.3 0.0 256.2

98 64.5 0.0 130.0



#28

Bromochloromethane

Concen: 40.276 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY017426.D

Acq: 21 Feb 2024 09:04

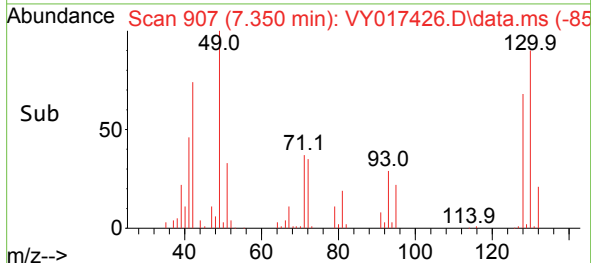
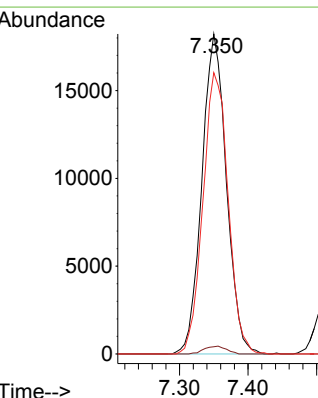
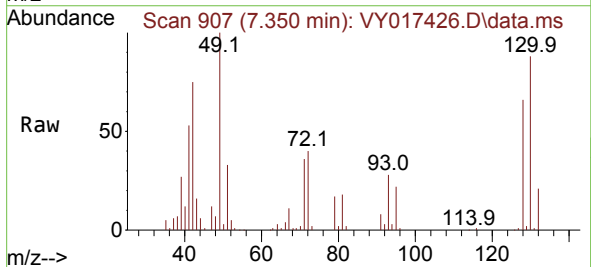
Tgt Ion: 49 Resp: 45176

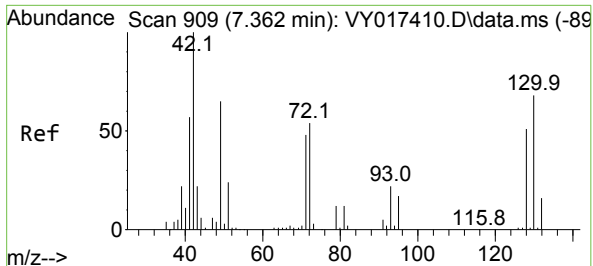
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 90.4 72.7 109.1





#29

Tetrahydrofuran

Concen: 212.131 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY017426.D

Acq: 21 Feb 2024 09:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

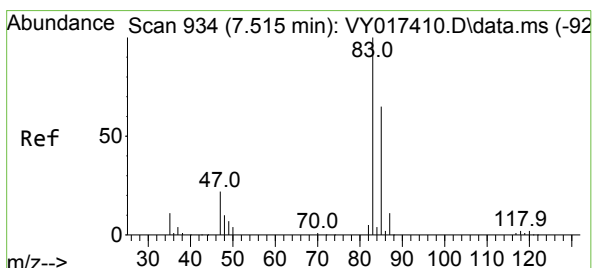
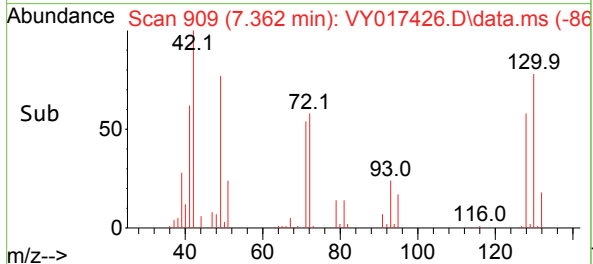
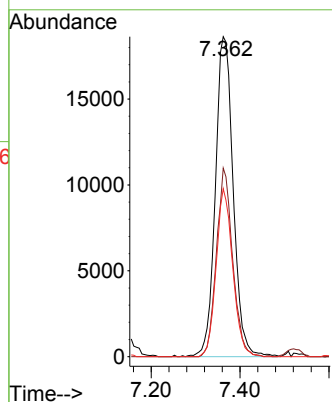
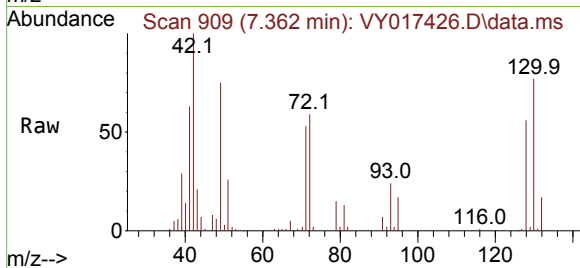
Tgt Ion: 42 Resp: 51888

Ion Ratio Lower Upper

42 100

72 53.5 43.0 64.4

71 48.8 40.8 61.2



#30

Chloroform

Concen: 49.031 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY017426.D

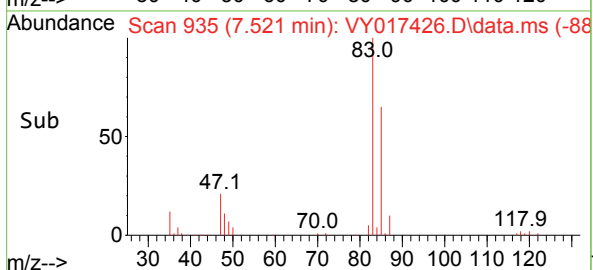
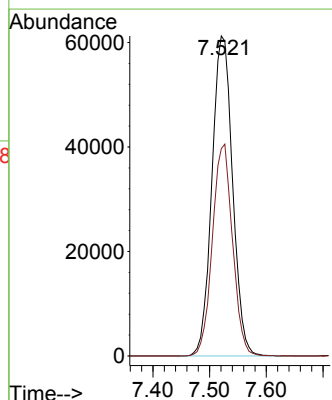
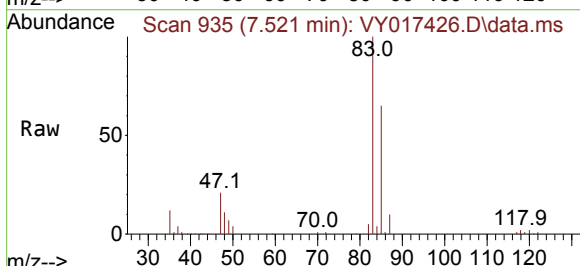
Acq: 21 Feb 2024 09:04

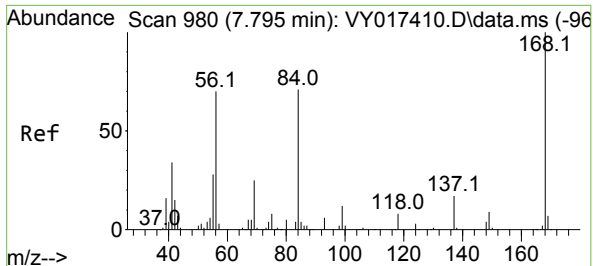
Tgt Ion: 83 Resp: 154732

Ion Ratio Lower Upper

83 100

85 64.8 52.2 78.4

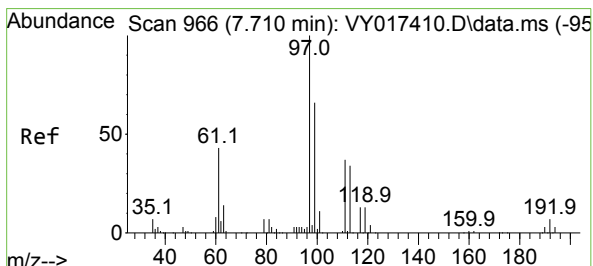
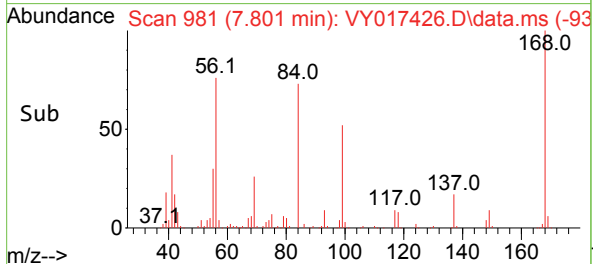
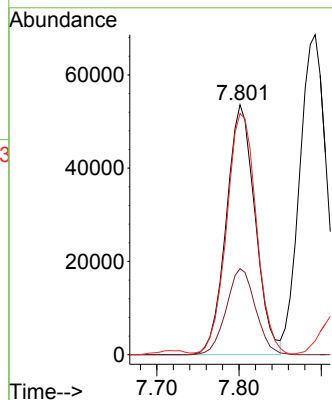
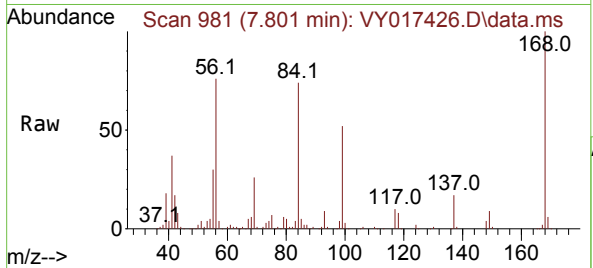




#31
Cyclohexane
Concen: 48.443 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY017426.D
Acq: 21 Feb 2024 09:04

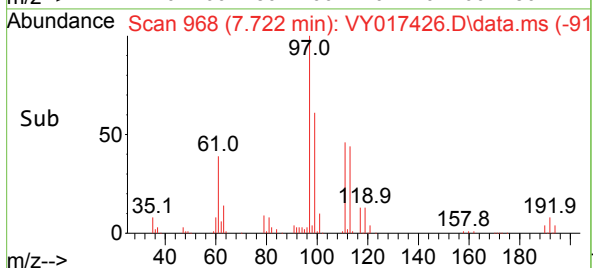
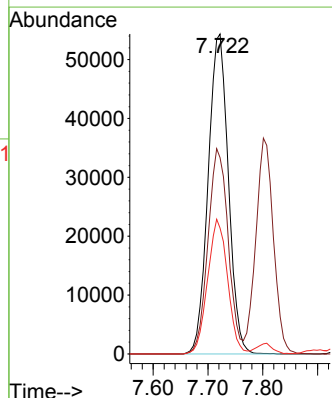
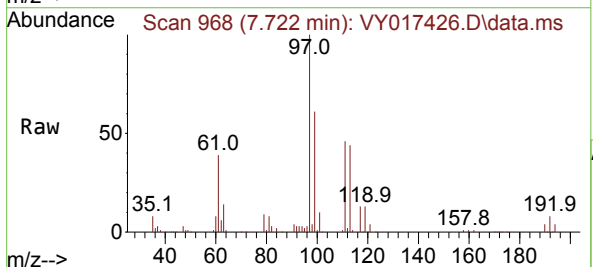
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

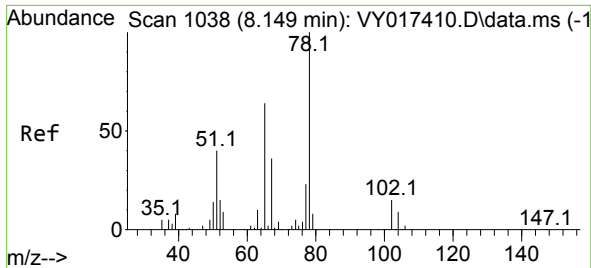
Tgt Ion: 56 Resp: 131261
Ion Ratio Lower Upper
56 100
69 34.5 28.7 43.1
84 94.9 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 49.798 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.012 min
Lab File: VY017426.D
Acq: 21 Feb 2024 09:04

Tgt Ion: 97 Resp: 138804
Ion Ratio Lower Upper
97 100
99 64.4 50.3 75.5
61 41.8 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 46.354 ug/l

RT: 8.155 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY017426.D

Acq: 21 Feb 2024 09:04

Instrument :

MSVOA_Y

ClientSampleId :

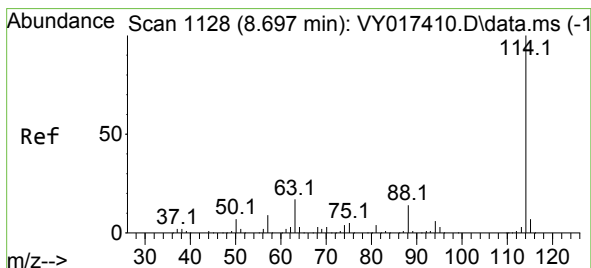
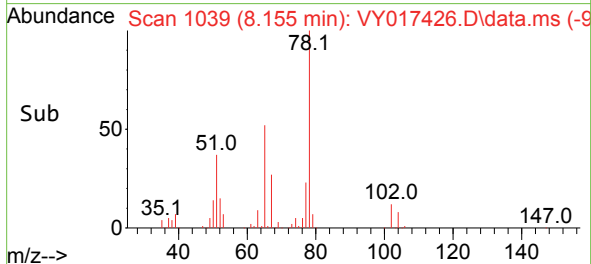
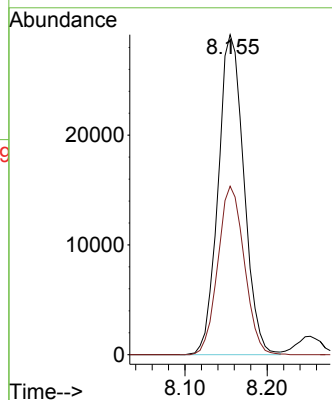
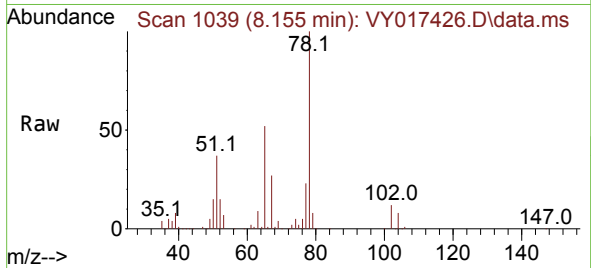
VSTDCCC050

Tgt Ion: 65 Resp: 63446

Ion Ratio Lower Upper

65 100

67 53.9 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: VY017426.D

Acq: 21 Feb 2024 09:04

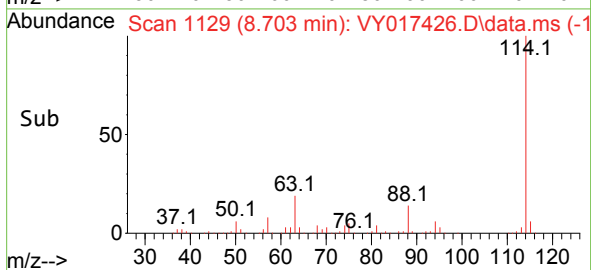
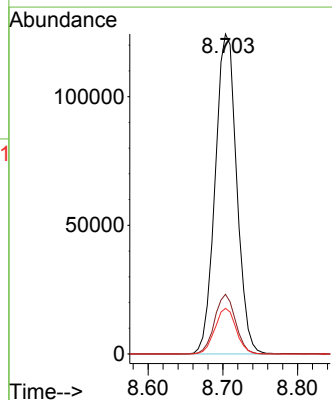
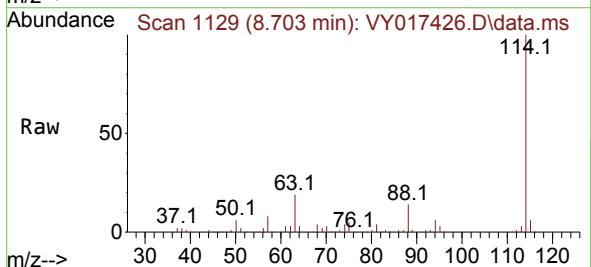
Tgt Ion:114 Resp: 249014

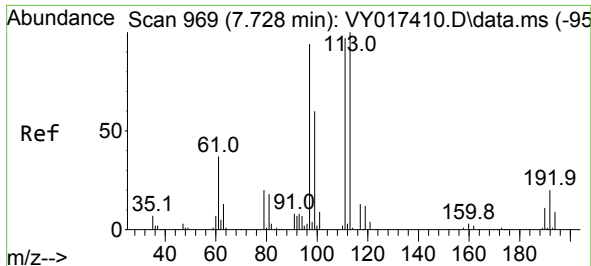
Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.0

88 14.2 0.0 27.2

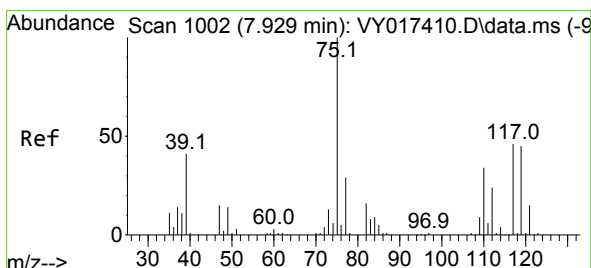
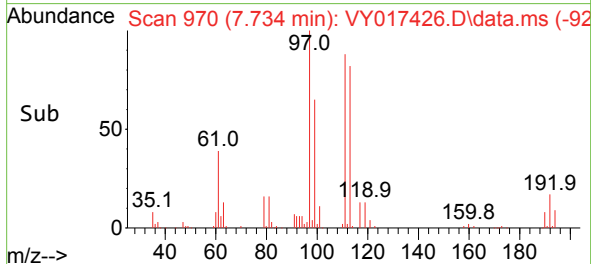
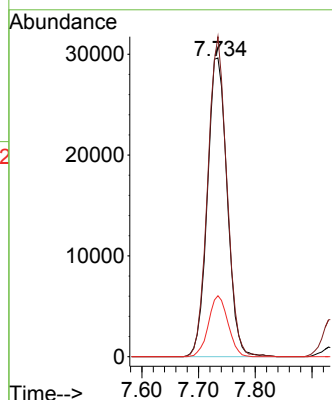
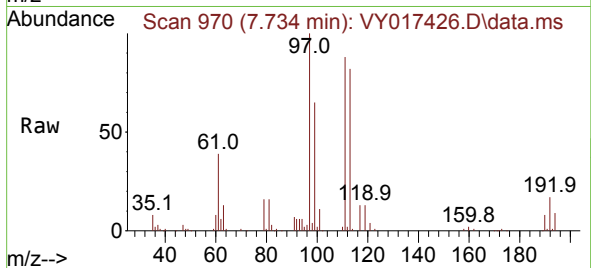




#35
Dibromofluoromethane
Concen: 49.393 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017426.D
Acq: 21 Feb 2024 09:04

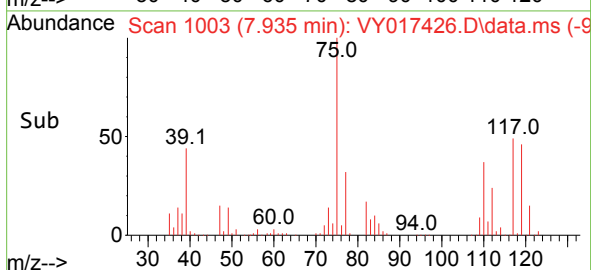
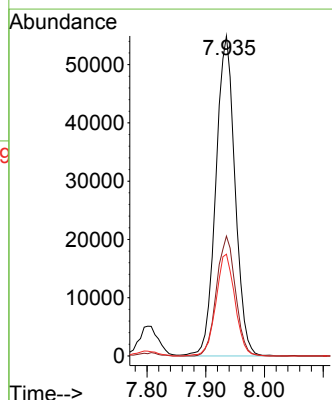
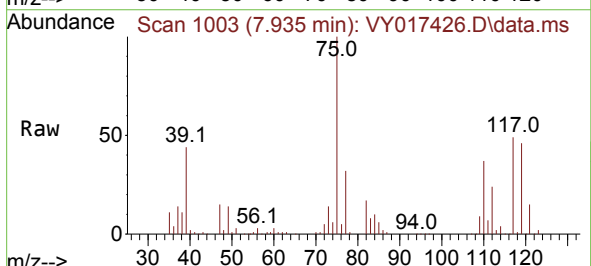
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

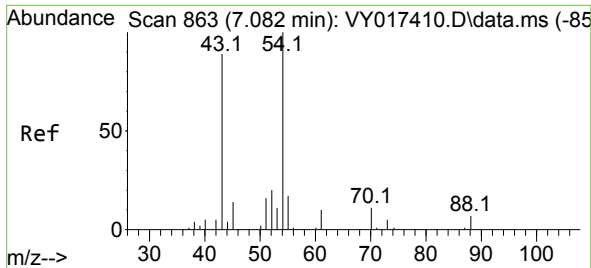
Tgt Ion:113 Resp: 71997
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 20.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 51.055 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY017426.D
Acq: 21 Feb 2024 09:04

Tgt Ion: 75 Resp: 124292
Ion Ratio Lower Upper
75 100
110 37.0 19.0 57.0
77 31.7 25.3 37.9

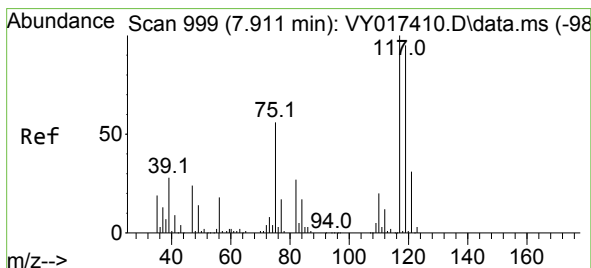
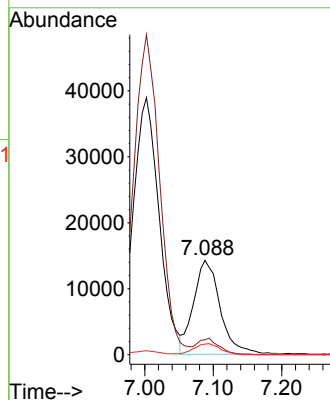
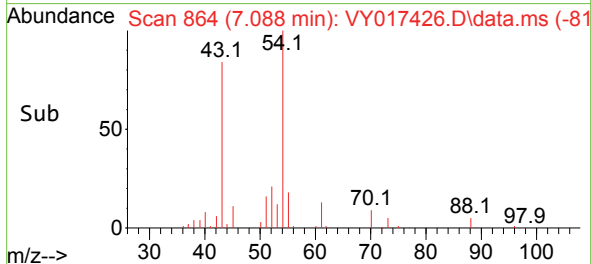
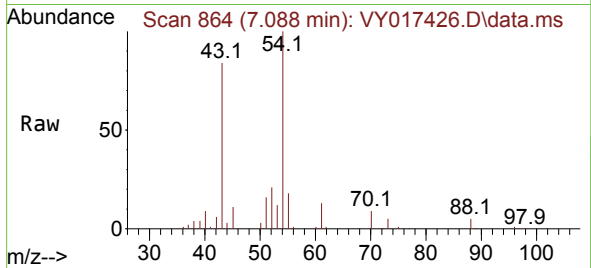




#37
Ethyl Acetate
Concen: 43.351 ug/l
RT: 7.088 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY017426.D
Acq: 21 Feb 2024 09:04

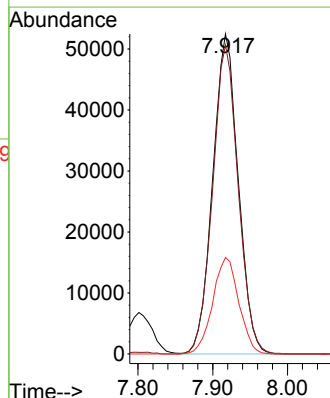
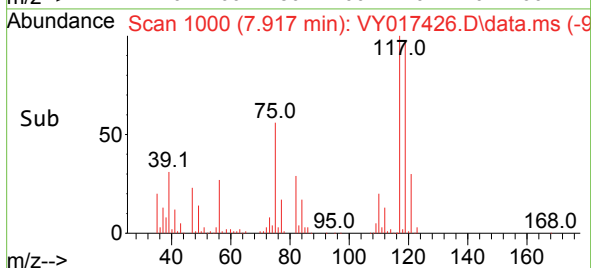
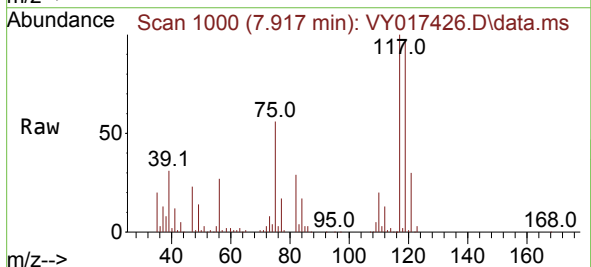
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

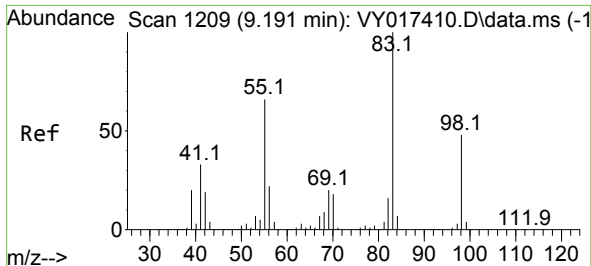
Tgt Ion: 43	Resp:	38428
Ion Ratio	Lower	Upper
43	100	
61	14.0	12.6 19.0
70	11.5	7.8 11.8



#38
Carbon Tetrachloride
Concen: 51.347 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY017426.D
Acq: 21 Feb 2024 09:04

Tgt Ion: 117	Resp:	124455
Ion Ratio	Lower	Upper
117	100	
119	96.6	75.8 113.6
121	30.1	24.0 36.0





#39

Methylcyclohexane

Concen: 51.564 ug/l

RT: 9.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017426.D

Acq: 21 Feb 2024 09:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

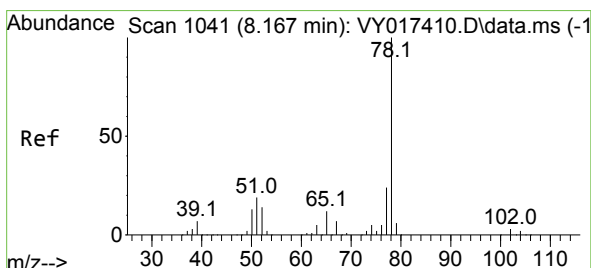
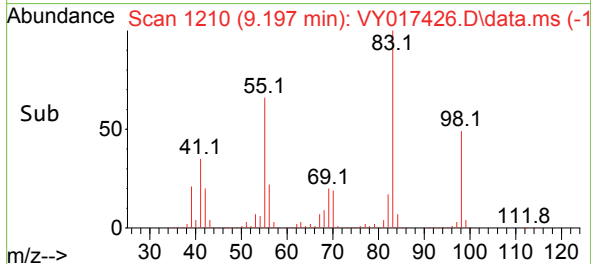
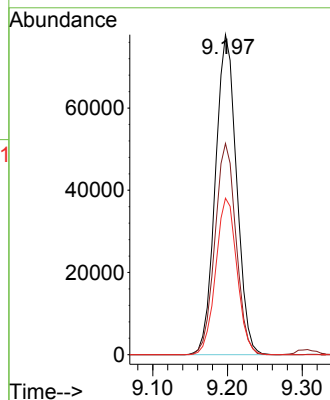
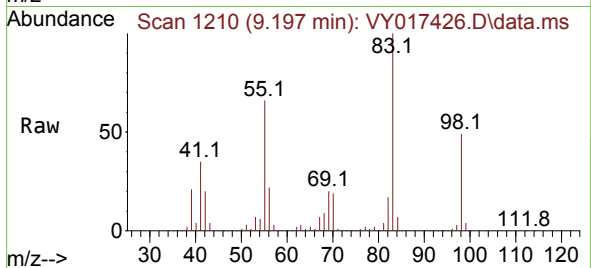
Tgt Ion: 83 Resp: 153658

Ion Ratio Lower Upper

83 100

55 66.0 51.5 77.3

98 48.9 40.5 60.7



#40

Benzene

Concen: 49.896 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. 0.012 min

Lab File: VY017426.D

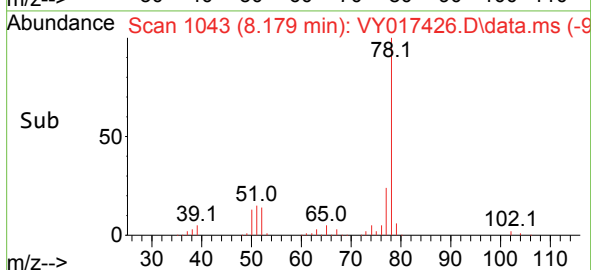
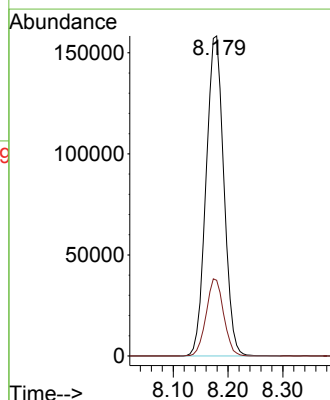
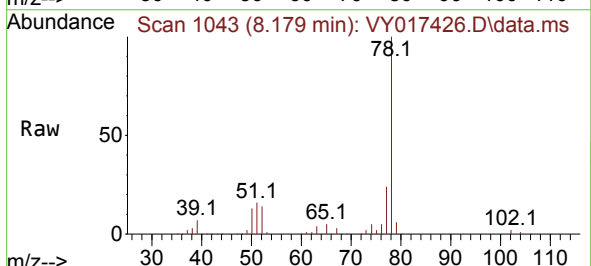
Acq: 21 Feb 2024 09:04

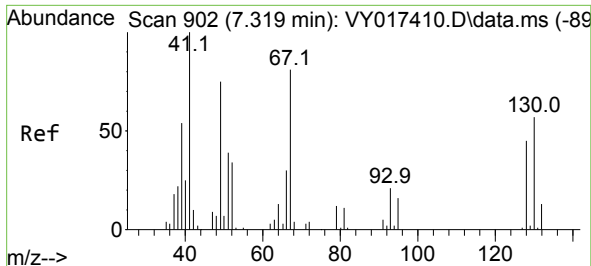
Tgt Ion: 78 Resp: 354892

Ion Ratio Lower Upper

78 100

77 23.6 19.5 29.3

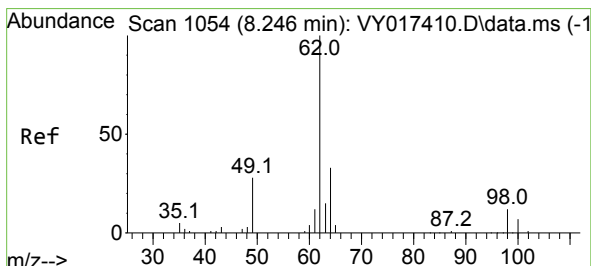
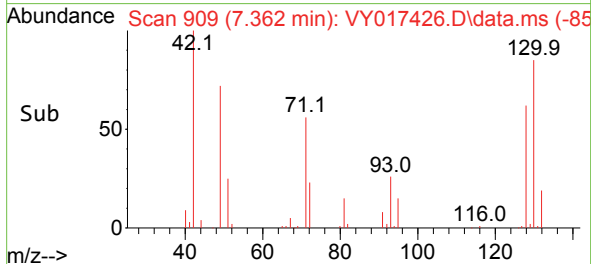
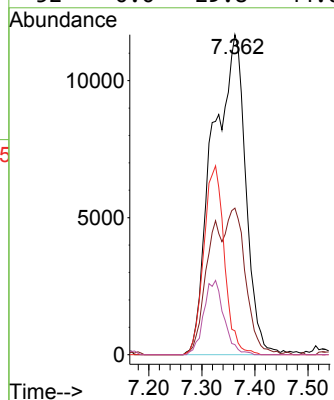
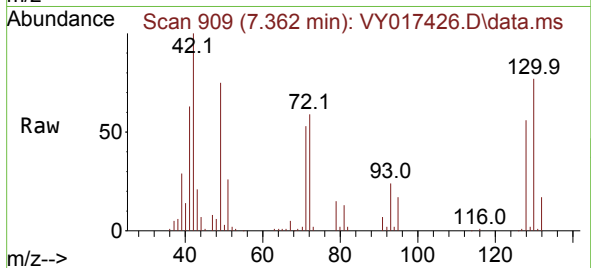




#41
Methacrylonitrile
Concen: 116.293 ug/l
RT: 7.362 min Scan# 902
Delta R.T. 0.043 min
Lab File: VY017426.D
Acq: 21 Feb 2024 09:04

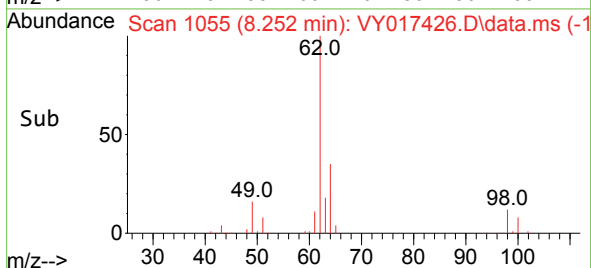
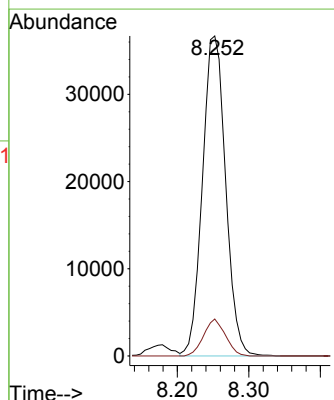
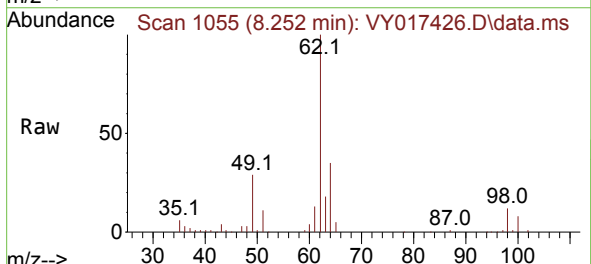
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

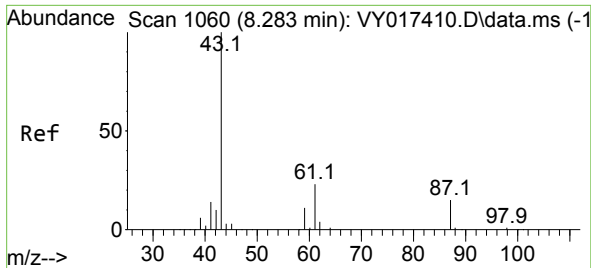
Tgt Ion: 41 Resp: 50344
Ion Ratio Lower Upper
41 100
39 24.6 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 47.831 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY017426.D
Acq: 21 Feb 2024 09:04

Tgt Ion: 62 Resp: 82580
Ion Ratio Lower Upper
62 100
98 10.8 0.0 22.0

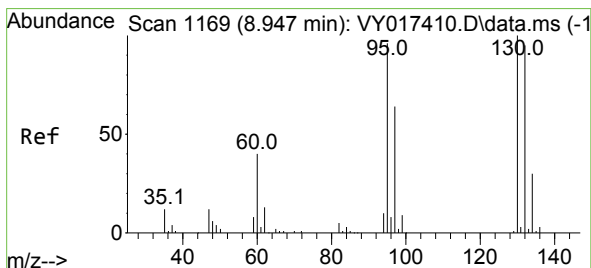
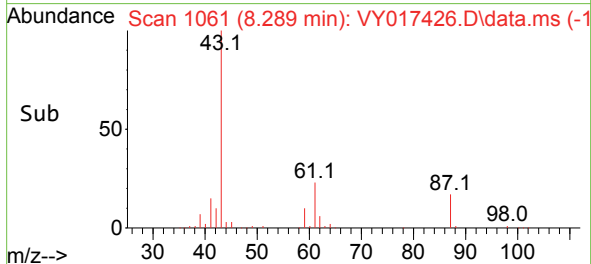
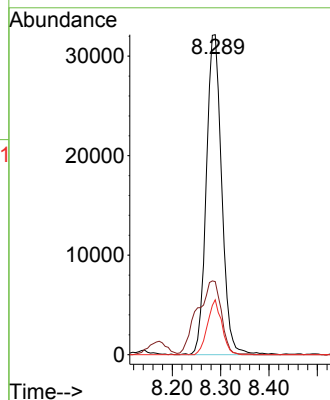
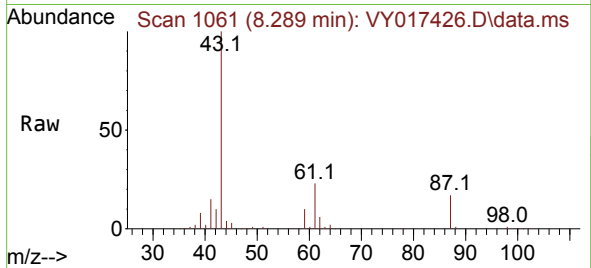




#43
Isopropyl Acetate
Concen: 44.404 ug/l
RT: 8.289 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY017426.D
Acq: 21 Feb 2024 09:04

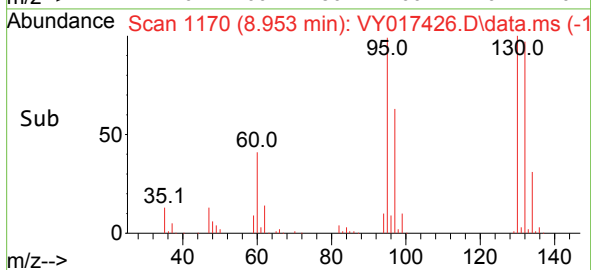
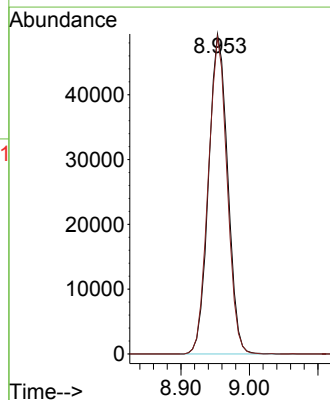
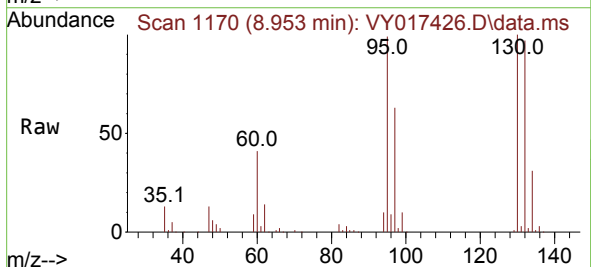
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

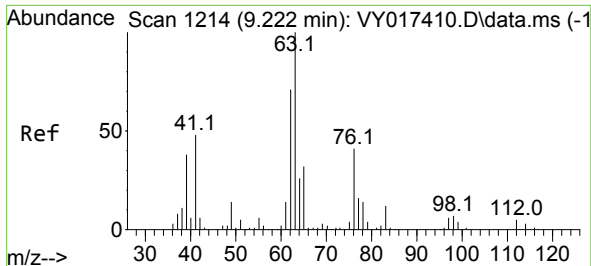
Tgt Ion: 43 Resp: 71131
Ion Ratio Lower Upper
43 100
61 35.8 27.9 41.9
87 15.9 13.1 19.7



#44
Trichloroethene
Concen: 49.700 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY017426.D
Acq: 21 Feb 2024 09:04

Tgt Ion:130 Resp: 95819
Ion Ratio Lower Upper
130 100
95 99.0 0.0 188.0

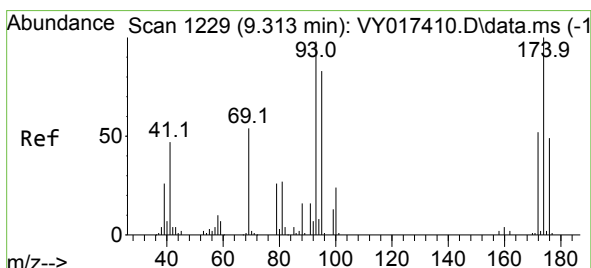
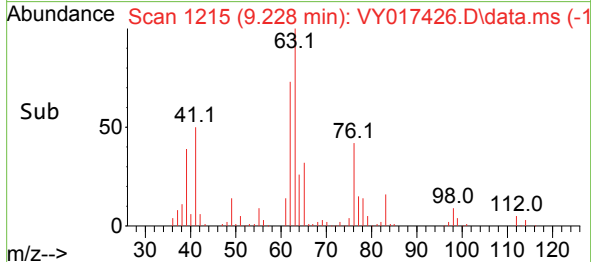
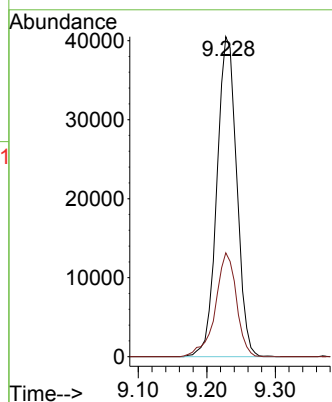
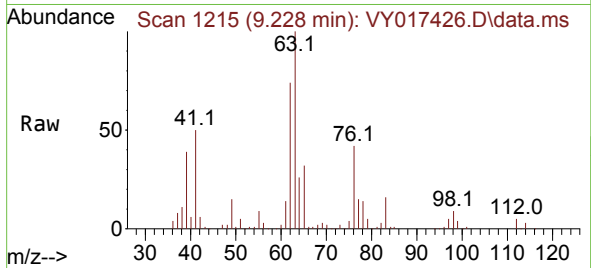




#45
1,2-Dichloropropane
Concen: 49.339 ug/l
RT: 9.228 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017426.D
Acq: 21 Feb 2024 09:04

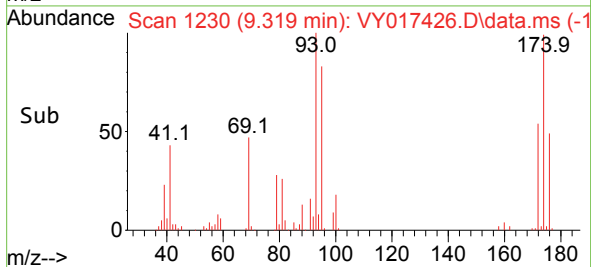
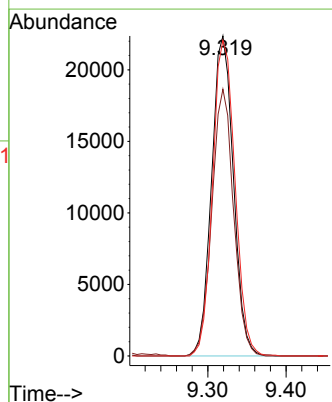
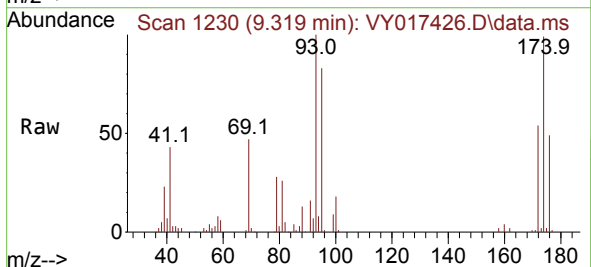
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

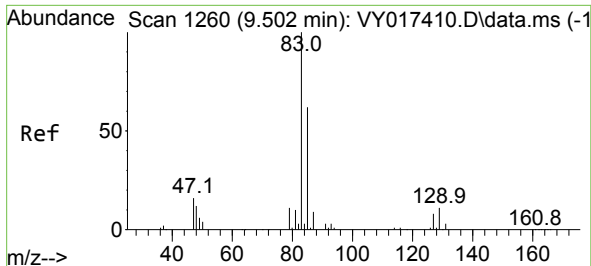
Tgt Ion: 63 Resp: 81121
Ion Ratio Lower Upper
63 100
65 32.4 25.4 38.2



#46
Dibromomethane
Concen: 46.378 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY017426.D
Acq: 21 Feb 2024 09:04

Tgt Ion: 93 Resp: 43341
Ion Ratio Lower Upper
93 100
95 83.1 66.2 99.4
174 101.0 80.9 121.3

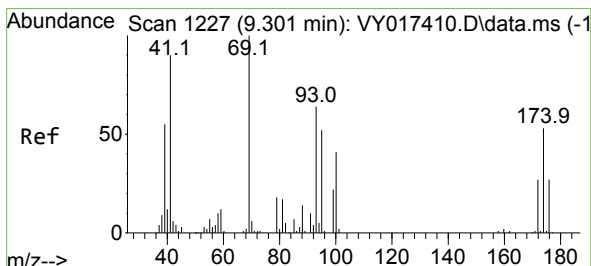
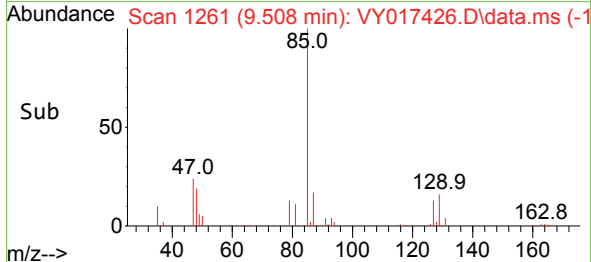
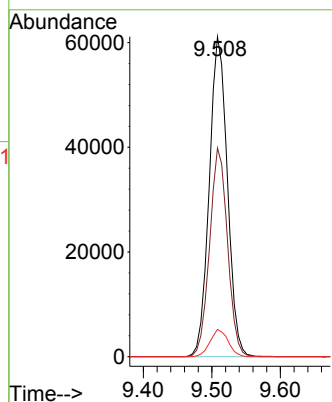
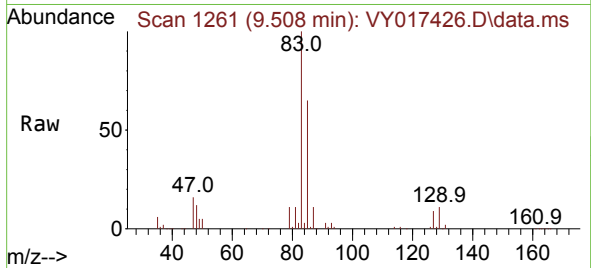




#47
Bromodichloromethane
Concen: 48.859 ug/l
RT: 9.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017426.D
Acq: 21 Feb 2024 09:04

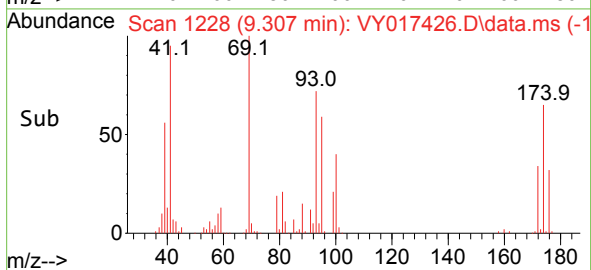
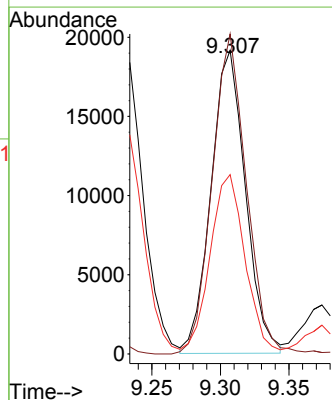
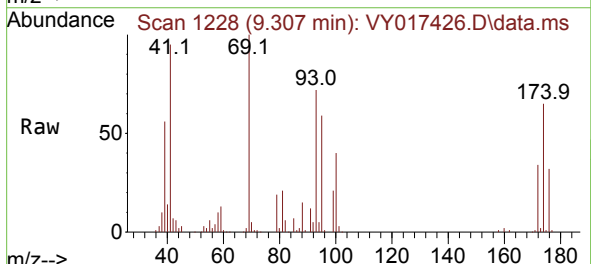
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

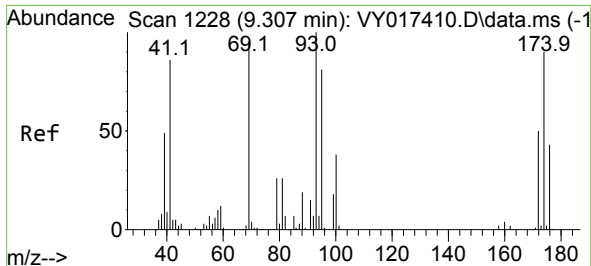
Tgt Ion: 83 Resp: 112262
Ion Ratio Lower Upper
83 100
85 65.2 50.1 75.1
127 8.5 7.4 11.0



#48
Methyl methacrylate
Concen: 44.470 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY017426.D
Acq: 21 Feb 2024 09:04

Tgt Ion: 41 Resp: 33423
Ion Ratio Lower Upper
41 100
69 105.2 84.1 126.1
39 57.5 43.6 65.4





#49

1,4-Dioxane

Concen: 831.987 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY017426.D

Acq: 21 Feb 2024 09:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

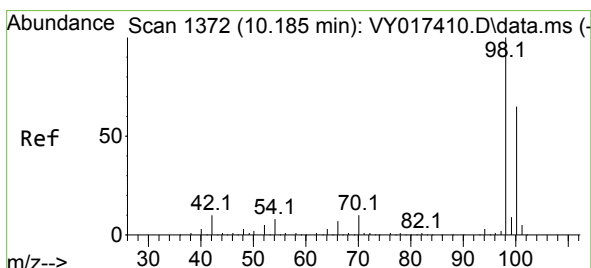
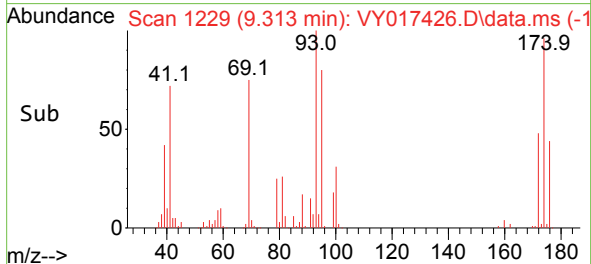
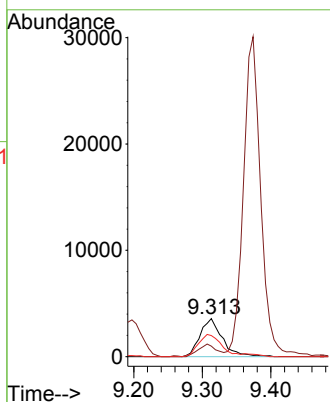
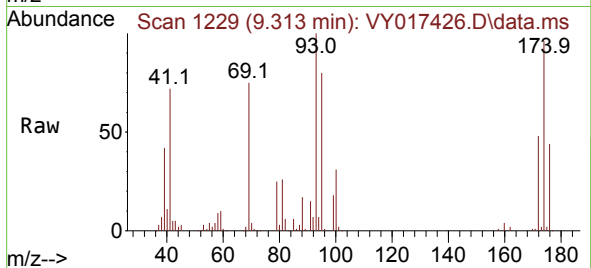
Tgt Ion: 88 Resp: 8132

Ion Ratio Lower Upper

88 100

43 27.0 0.0 0.0#

58 65.2 49.3 73.9



#50

Toluene-d8

Concen: 50.528 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY017426.D

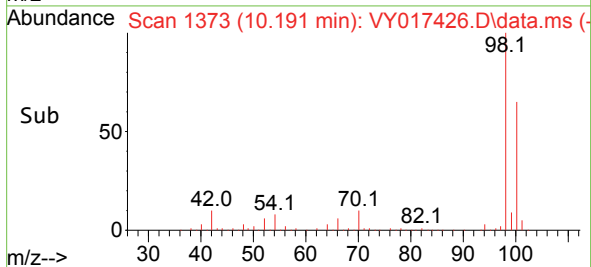
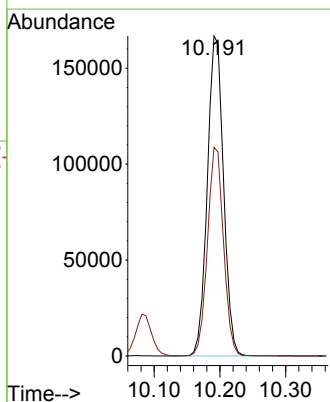
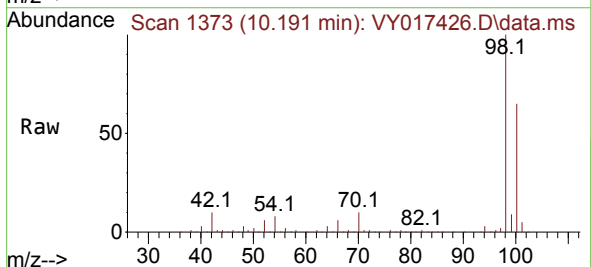
Acq: 21 Feb 2024 09:04

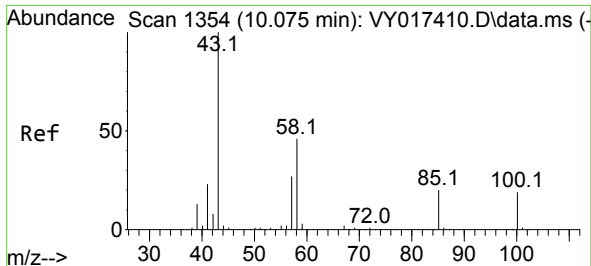
Tgt Ion: 98 Resp: 285643

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 222.536 ug/l

RT: 10.081 min Scan# 1355

Delta R.T. 0.006 min

Lab File: VY017426.D

Acq: 21 Feb 2024 09:04

Instrument :

MSVOA_Y

ClientSampleId :

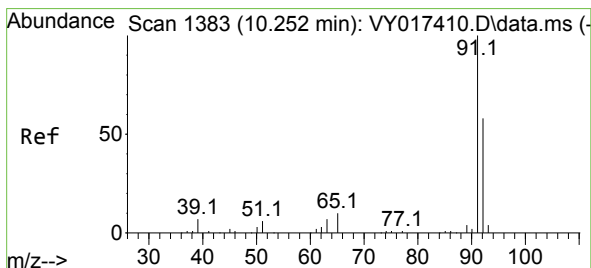
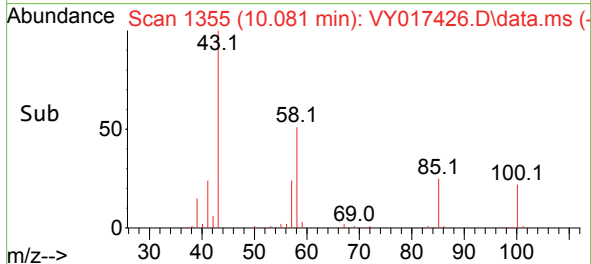
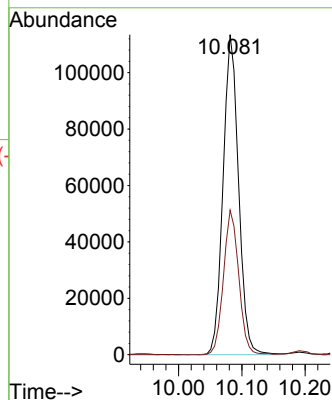
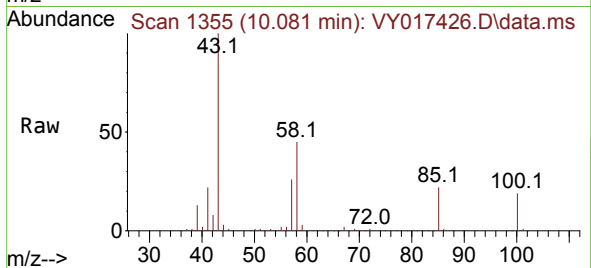
VSTDCCC050

Tgt Ion: 43 Resp: 192083

Ion Ratio Lower Upper

43 100

58 44.6 35.7 53.5



#52

Toluene

Concen: 50.944 ug/l

RT: 10.258 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VY017426.D

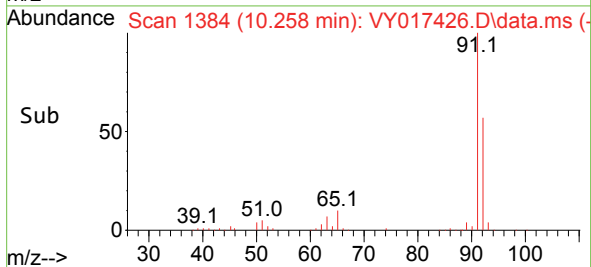
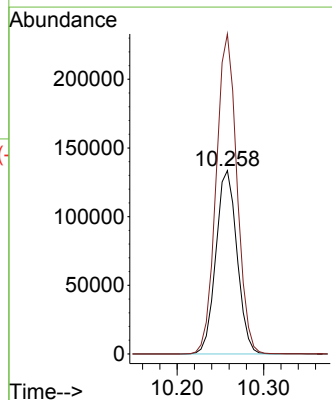
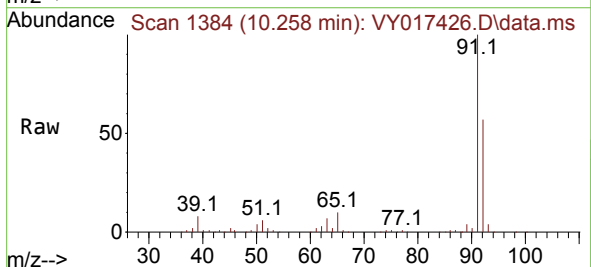
Acq: 21 Feb 2024 09:04

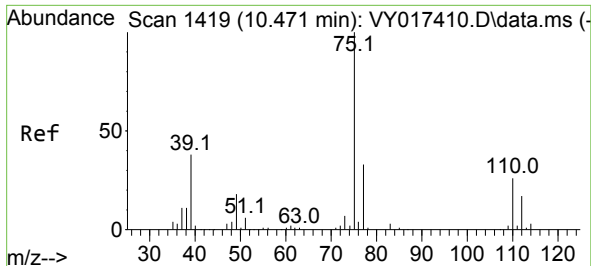
Tgt Ion: 92 Resp: 226214

Ion Ratio Lower Upper

92 100

91 171.9 139.0 208.6

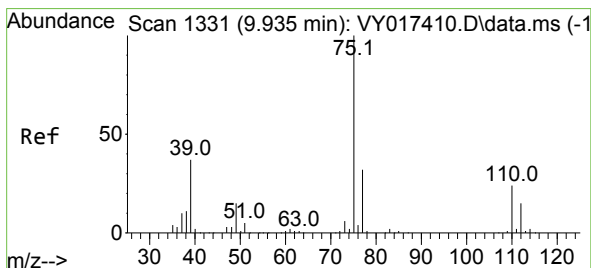
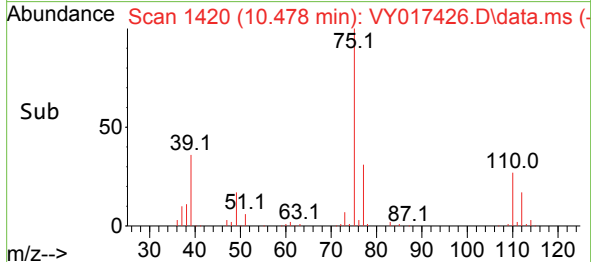
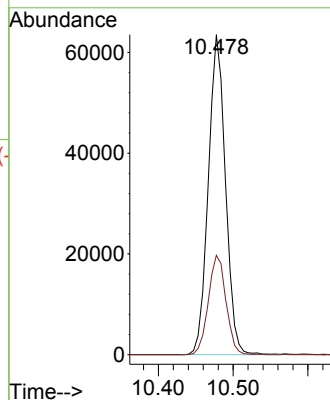
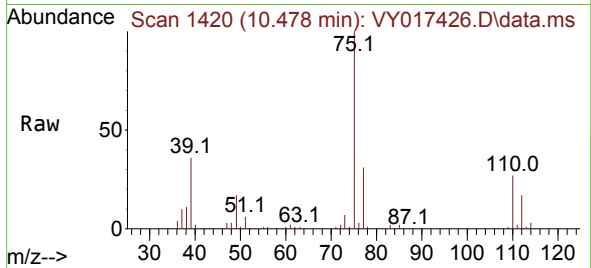




#53
 t-1,3-Dichloropropene
 Concen: 47.574 ug/l
 RT: 10.478 min Scan# 1419
 Delta R.T. 0.006 min
 Lab File: VY017426.D
 Acq: 21 Feb 2024 09:04

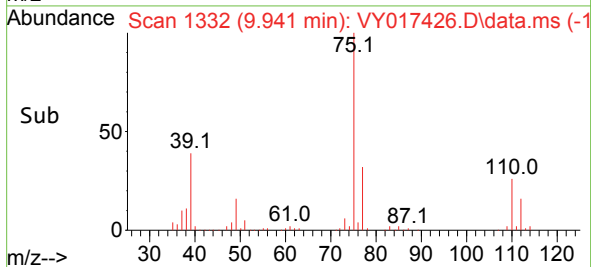
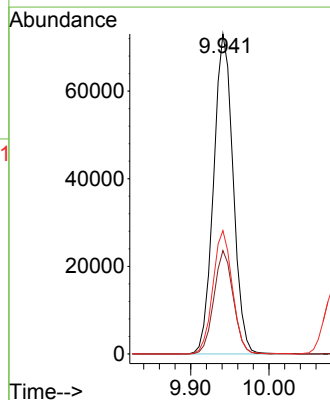
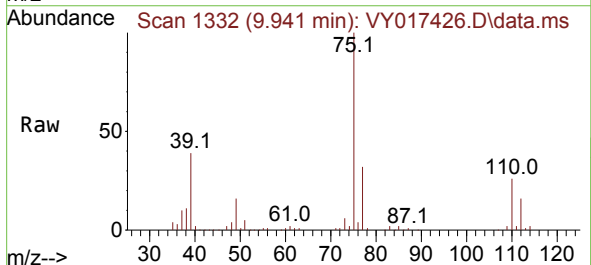
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

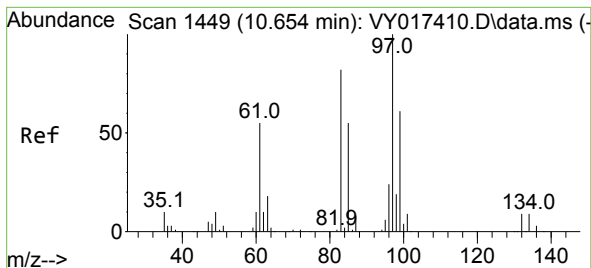
Tgt Ion: 75 Resp: 101216
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 48.490 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. 0.006 min
 Lab File: VY017426.D
 Acq: 21 Feb 2024 09:04

Tgt Ion: 75 Resp: 126570
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.4 38.0
 39 38.5 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 45.656 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. 0.000 min

Lab File: VY017426.D

Acq: 21 Feb 2024 09:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 58705

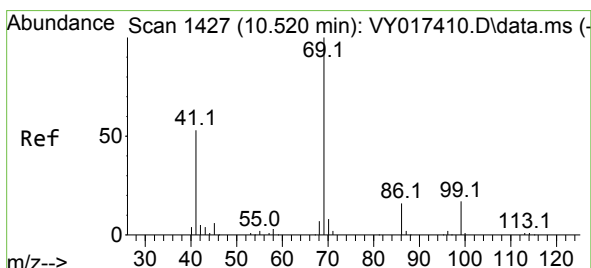
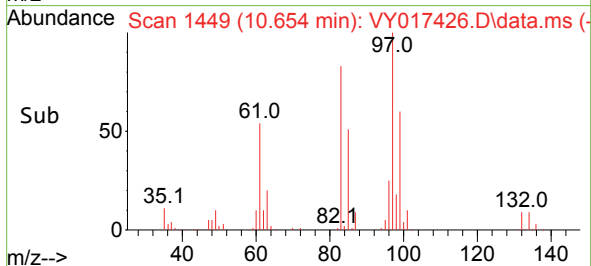
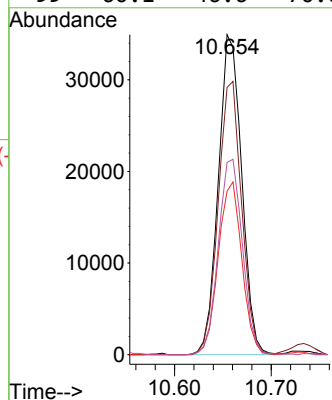
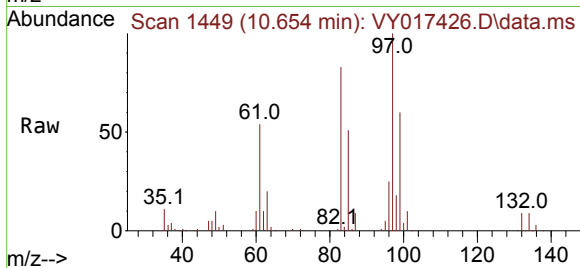
Ion Ratio Lower Upper

97 100

83 83.5 67.5 101.3

85 51.1 42.9 64.3

99 60.1 46.6 70.0



#56

Ethyl methacrylate

Concen: 42.189 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VY017426.D

Acq: 21 Feb 2024 09:04

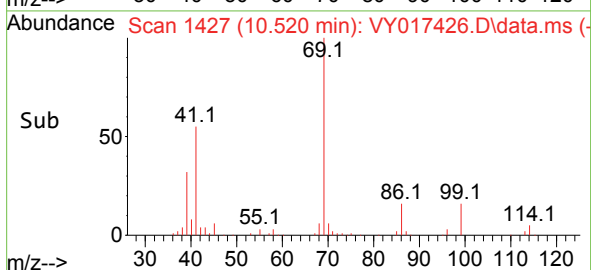
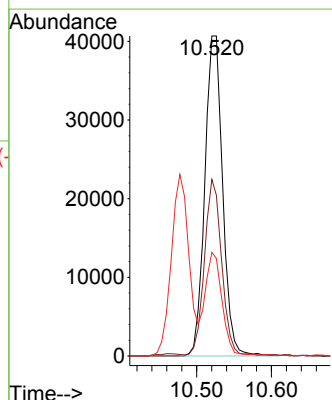
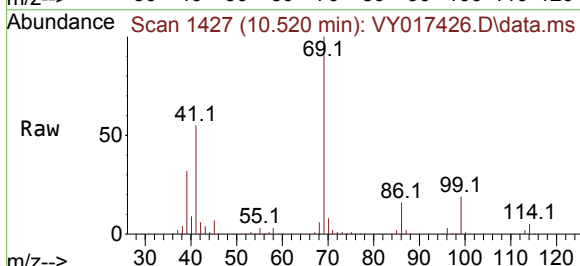
Tgt Ion: 69 Resp: 67434

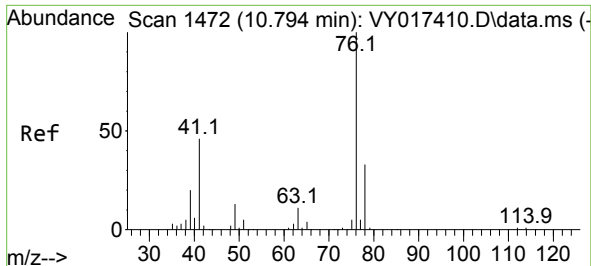
Ion Ratio Lower Upper

69 100

41 53.0 42.3 63.5

39 30.0 22.9 34.3

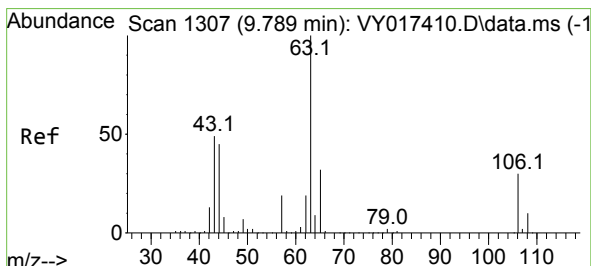
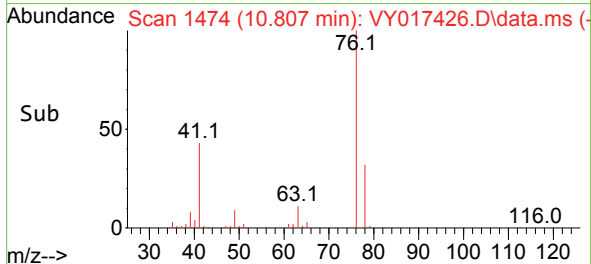
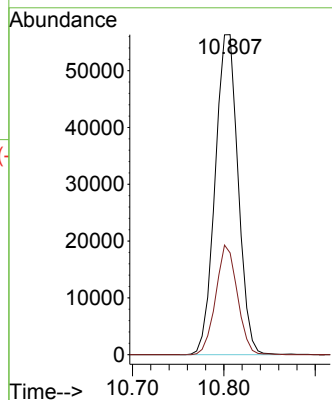
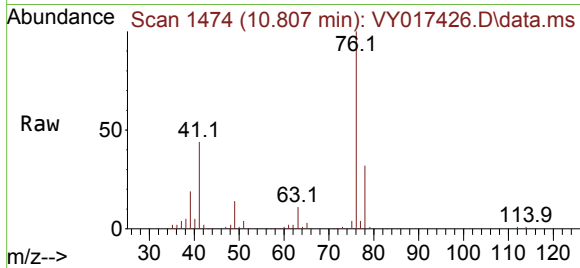




#57
1,3-Dichloropropane
Concen: 46.245 ug/l
RT: 10.807 min Scan# 1472
Delta R.T. 0.012 min
Lab File: VY017426.D
Acq: 21 Feb 2024 09:04

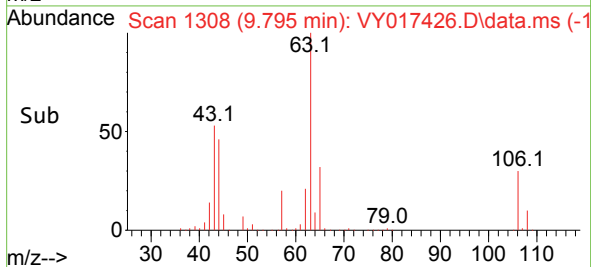
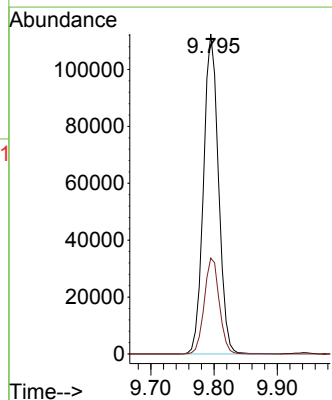
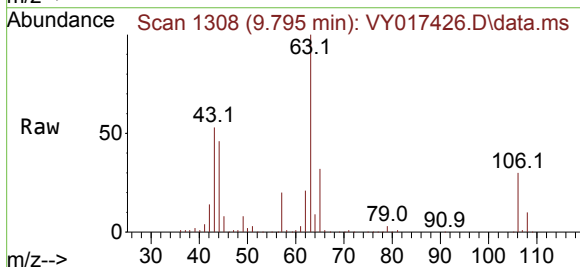
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

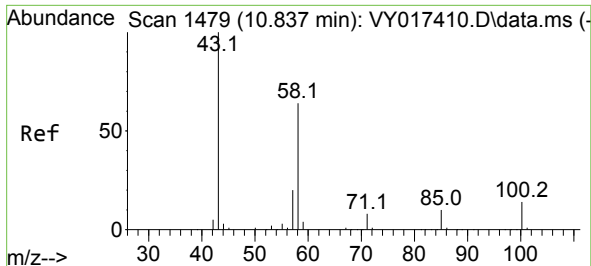
Tgt Ion: 76 Resp: 98386
Ion Ratio Lower Upper
76 100
78 32.2 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 241.401 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. 0.006 min
Lab File: VY017426.D
Acq: 21 Feb 2024 09:04

Tgt Ion: 63 Resp: 185463
Ion Ratio Lower Upper
63 100
106 30.1 23.7 35.5

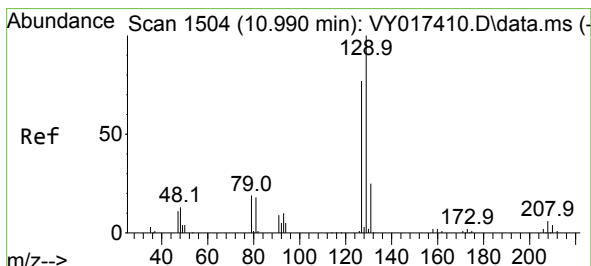
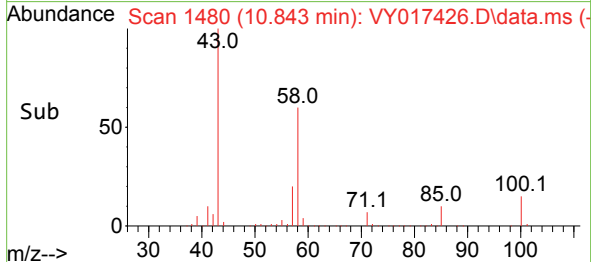
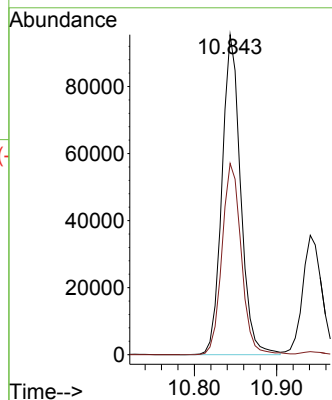
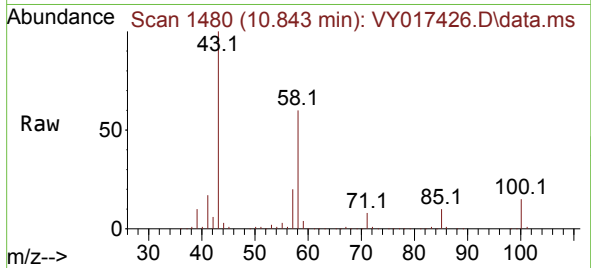




#59
2-Hexanone
Concen: 253.444 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY017426.D
Acq: 21 Feb 2024 09:04

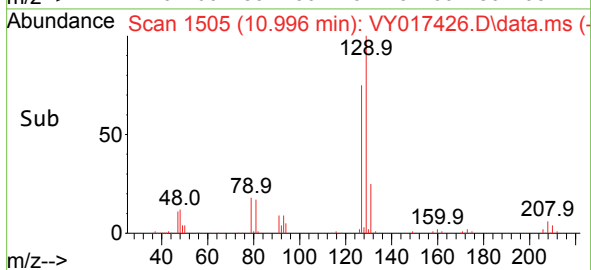
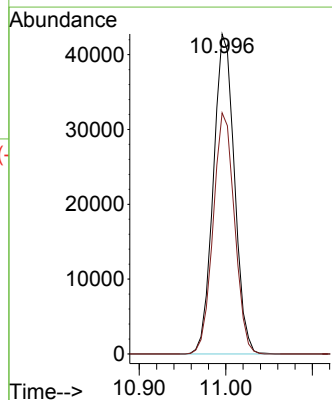
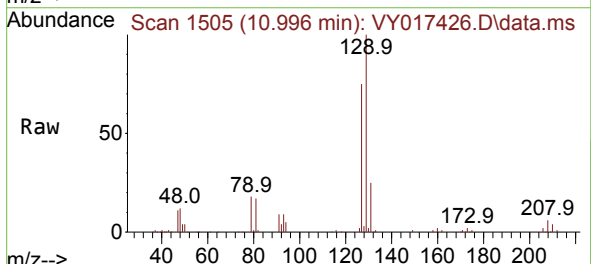
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

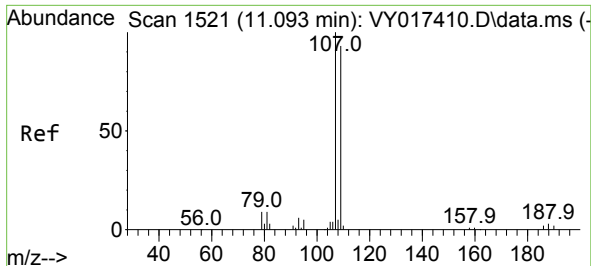
Tgt Ion: 43 Resp: 150680
Ion Ratio Lower Upper
43 100
58 61.7 31.4 94.0



#60
Dibromochloromethane
Concen: 47.266 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.006 min
Lab File: VY017426.D
Acq: 21 Feb 2024 09:04

Tgt Ion: 129 Resp: 72245
Ion Ratio Lower Upper
129 100
127 76.2 39.0 117.0

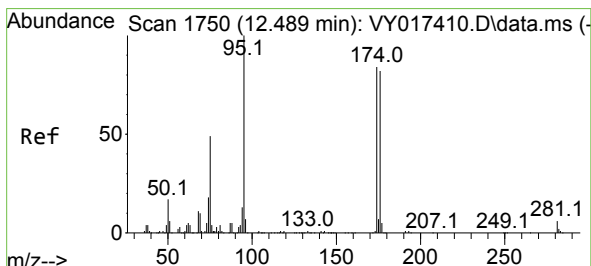
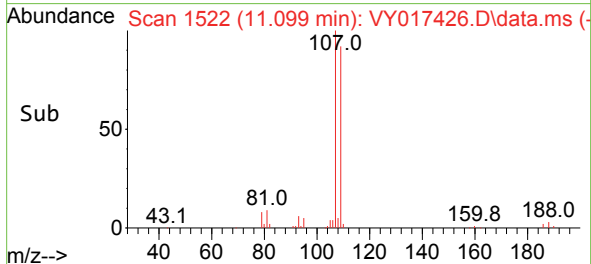
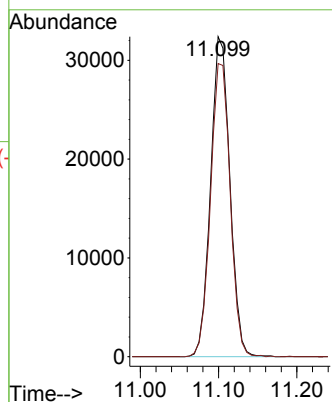
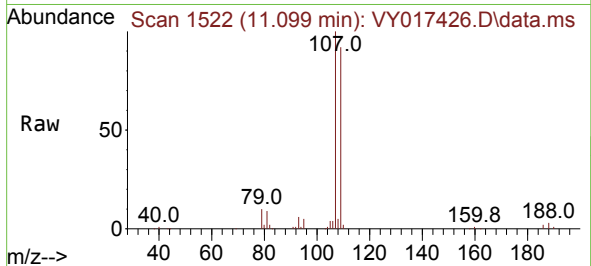




#61
1,2-Dibromoethane
Concen: 46.003 ug/l
RT: 11.099 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017426.D
Acq: 21 Feb 2024 09:04

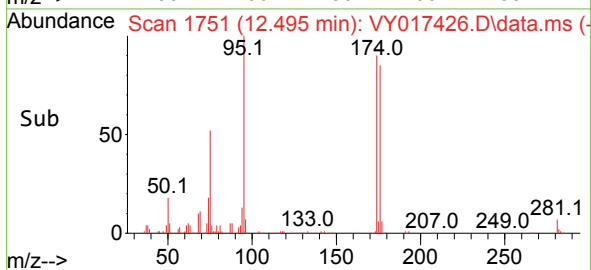
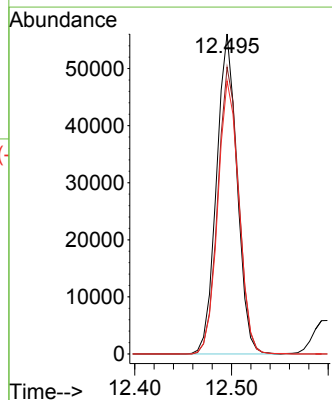
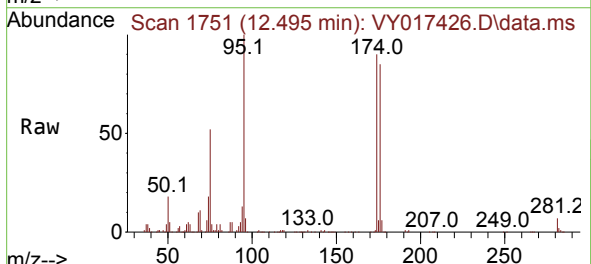
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

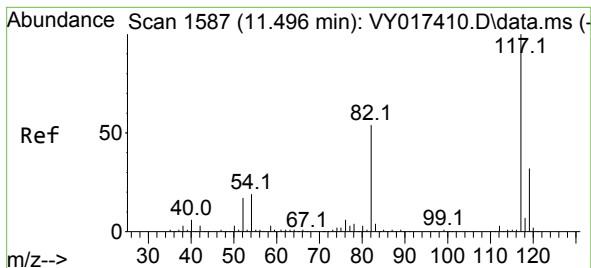
Tgt Ion:107 Resp: 55340
Ion Ratio Lower Upper
107 100
109 93.5 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 44.044 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017426.D
Acq: 21 Feb 2024 09:04

Tgt Ion: 95 Resp: 82640
Ion Ratio Lower Upper
95 100
174 91.4 0.0 175.6
176 87.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017426.D

Acq: 21 Feb 2024 09:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

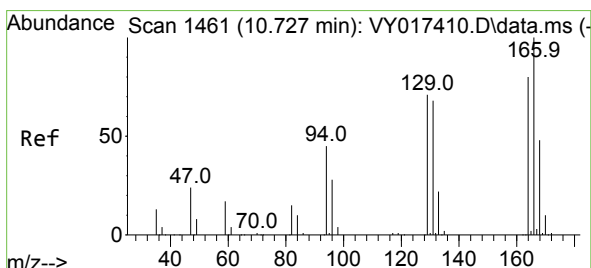
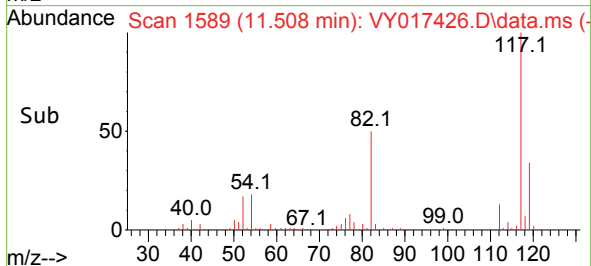
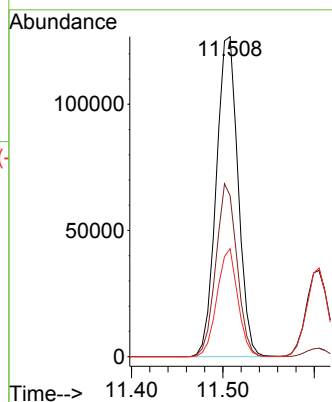
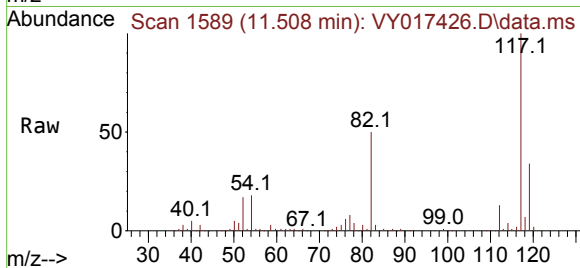
Tgt Ion:117 Resp: 210367

Ion Ratio Lower Upper

117 100

82 50.3 42.4 63.6

119 33.7 25.9 38.9



#64

Tetrachloroethene

Concen: 49.466 ug/l

RT: 10.734 min Scan# 1462

Delta R.T. 0.006 min

Lab File: VY017426.D

Acq: 21 Feb 2024 09:04

Tgt Ion:164 Resp: 83279

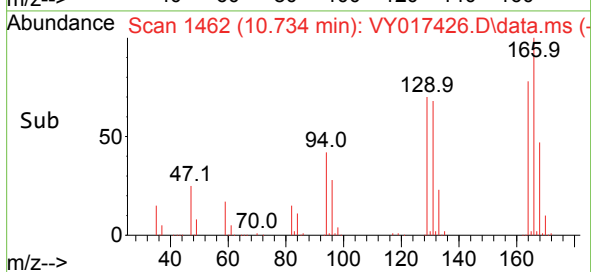
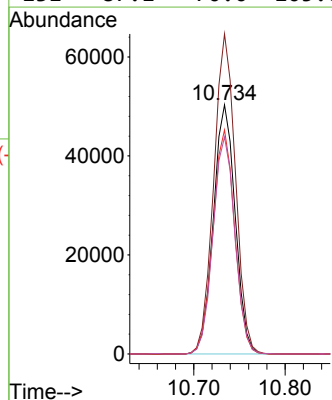
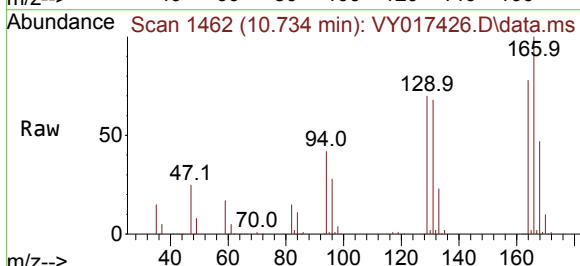
Ion Ratio Lower Upper

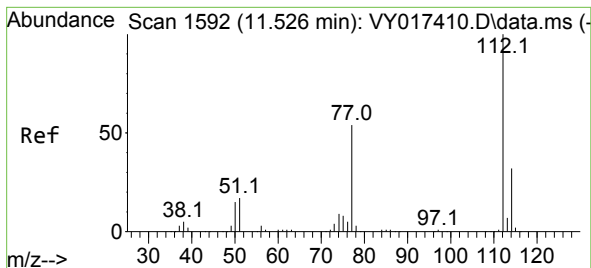
164 100

166 128.4 102.6 154.0

129 89.9 72.0 108.0

131 87.1 70.0 105.0





#65

Chlorobenzene

Concen: 50.336 ug/l

RT: 11.532 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017426.D

Acq: 21 Feb 2024 09:04

Instrument :

MSVOA_Y

ClientSampleId :

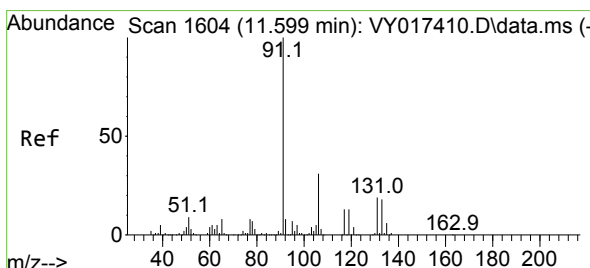
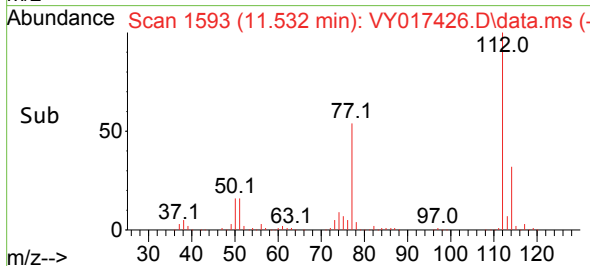
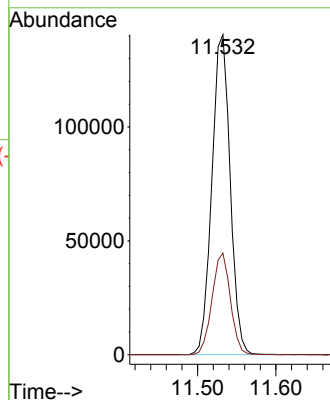
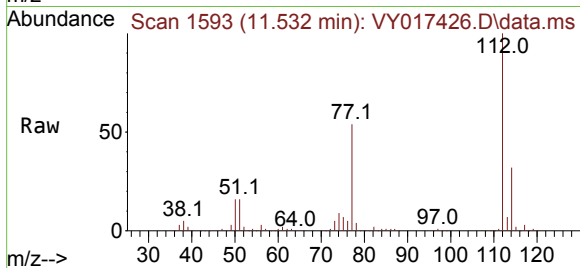
VSTDCCC050

Tgt Ion:112 Resp: 228121

Ion Ratio Lower Upper

112 100

114 31.7 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 49.014 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY017426.D

Acq: 21 Feb 2024 09:04

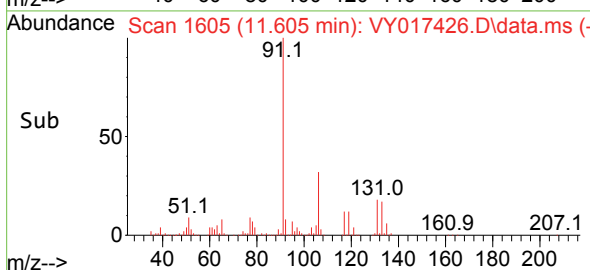
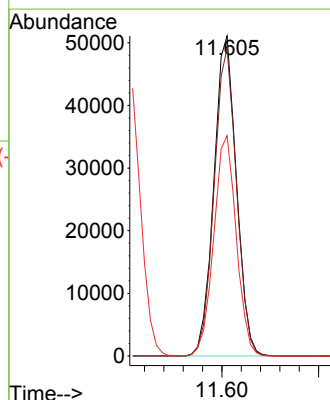
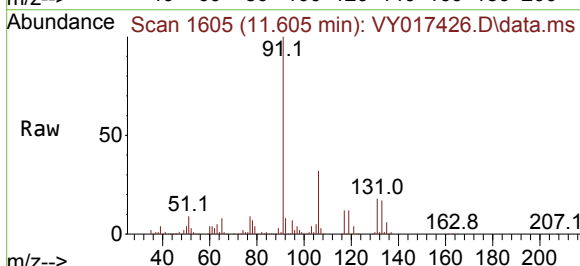
Tgt Ion:131 Resp: 82717

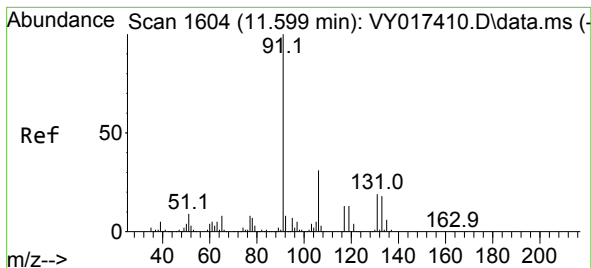
Ion Ratio Lower Upper

131 100

133 95.2 47.8 143.3

119 68.7 34.1 102.2





#67

Ethyl Benzene

Concen: 52.424 ug/l

RT: 11.605 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017426.D

Acq: 21 Feb 2024 09:04

Instrument :

MSVOA_Y

ClientSampleId :

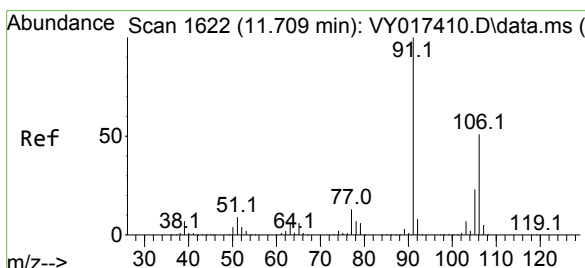
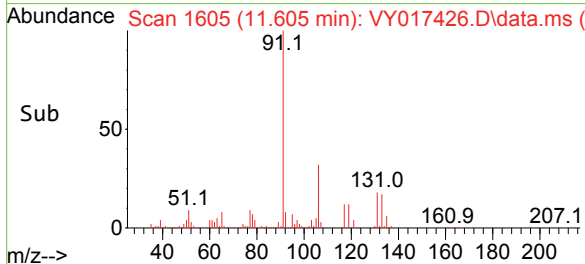
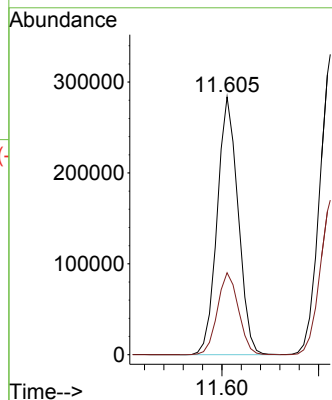
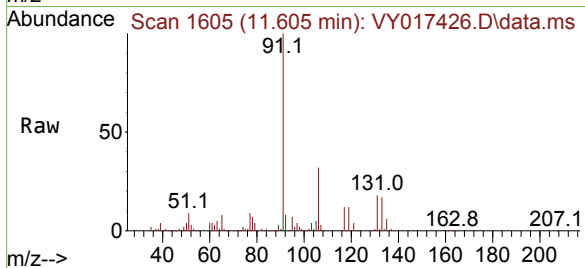
VSTDCCC050

Tgt Ion: 91 Resp: 424914

Ion Ratio Lower Upper

91 100

106 31.8 24.5 36.7



#68

m/p-Xylenes

Concen: 104.792 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY017426.D

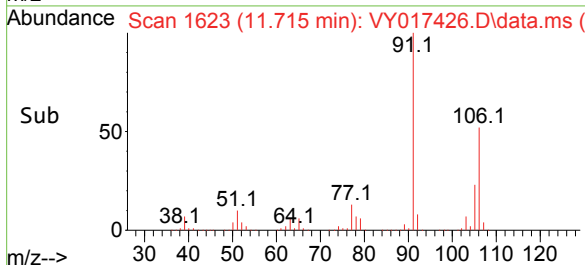
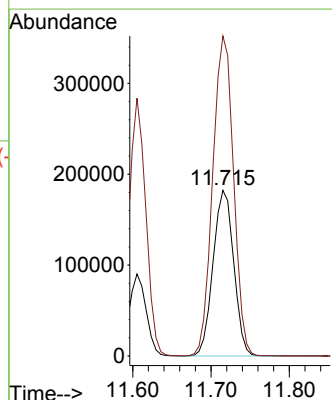
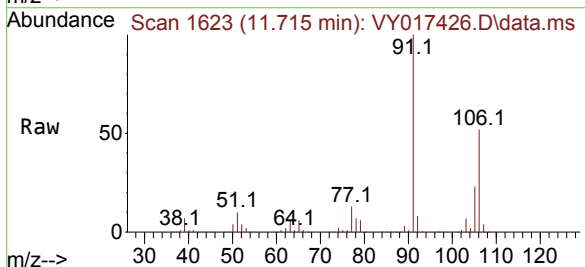
Acq: 21 Feb 2024 09:04

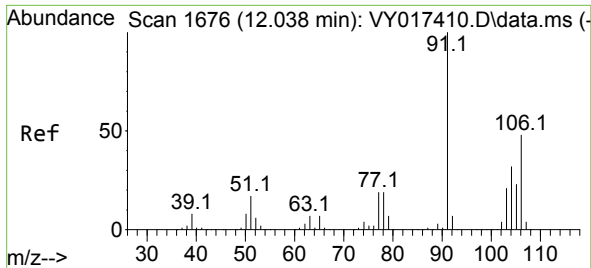
Tgt Ion:106 Resp: 333899

Ion Ratio Lower Upper

106 100

91 195.0 156.0 234.0

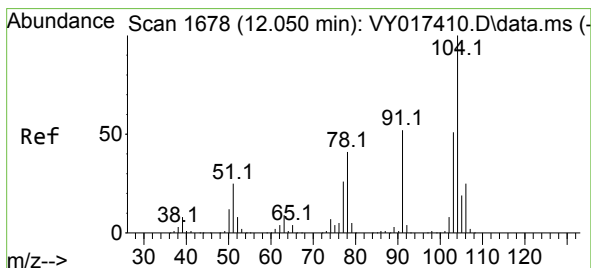
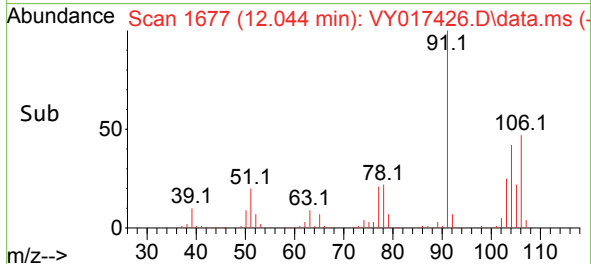
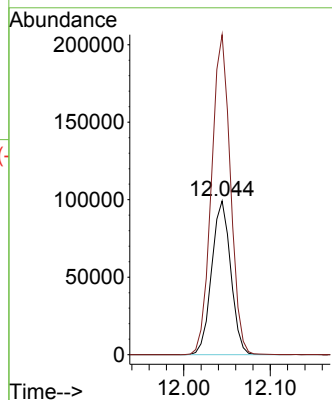
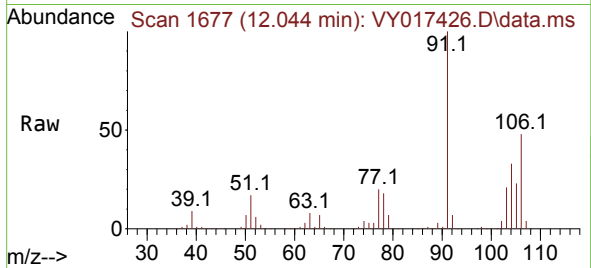




#69
o-Xylene
Concen: 51.800 ug/l
RT: 12.044 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VY017426.D
Acq: 21 Feb 2024 09:04

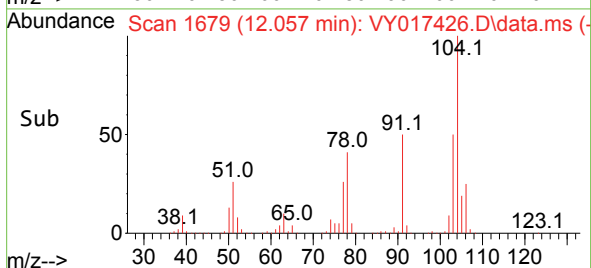
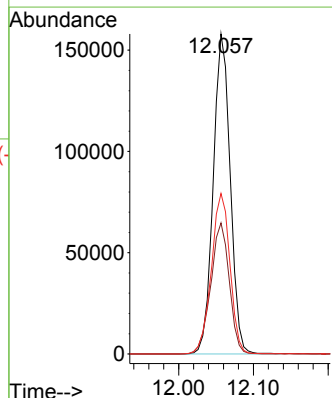
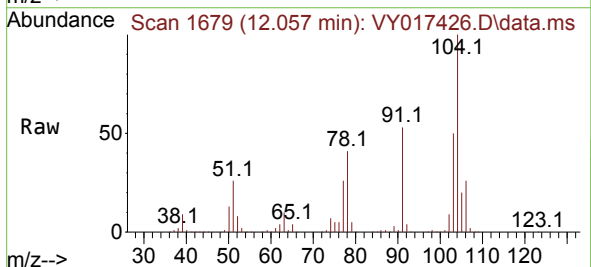
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

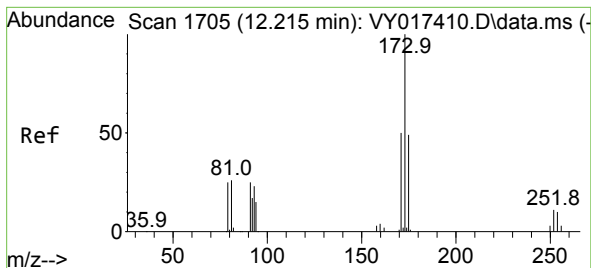
Tgt Ion:106 Resp: 151417
Ion Ratio Lower Upper
106 100
91 207.1 103.6 310.8



#70
Styrene
Concen: 52.038 ug/l
RT: 12.057 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY017426.D
Acq: 21 Feb 2024 09:04

Tgt Ion:104 Resp: 249837
Ion Ratio Lower Upper
104 100
78 44.5 37.0 55.4
103 54.8 44.2 66.2





#71

Bromoform

Concen: 46.640 ug/l

RT: 12.221 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017426.D

Acq: 21 Feb 2024 09:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

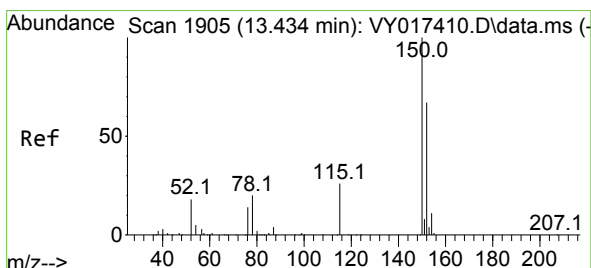
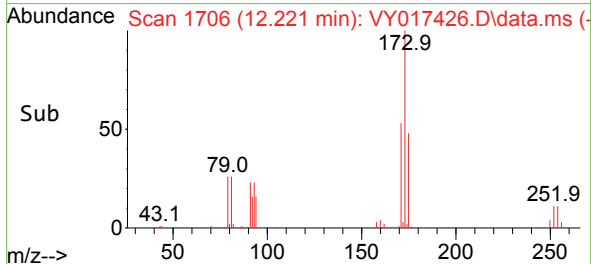
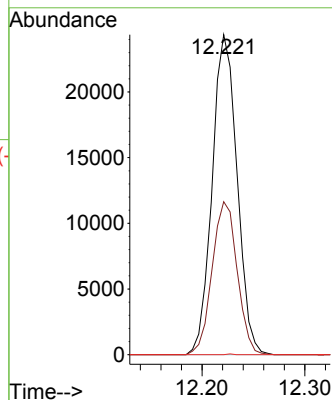
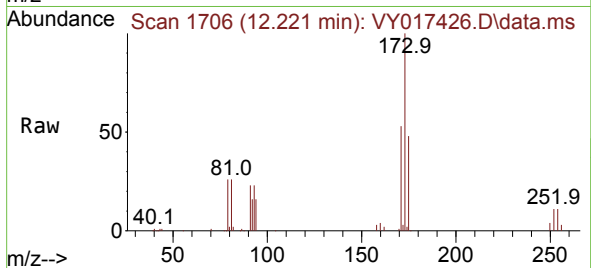
Tgt Ion:173 Resp: 40953

Ion Ratio Lower Upper

173 100

175 48.1 25.1 75.3

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY017426.D

Acq: 21 Feb 2024 09:04

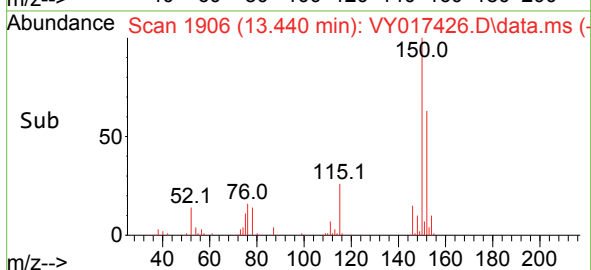
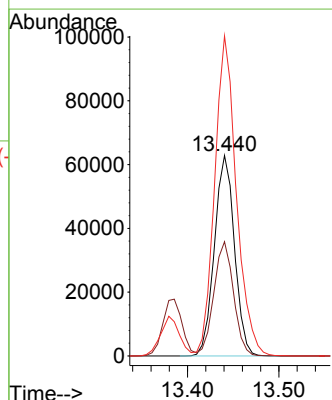
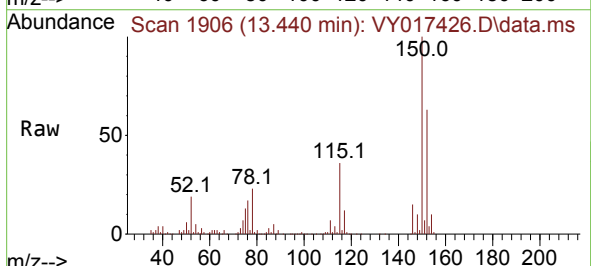
Tgt Ion:152 Resp: 95851

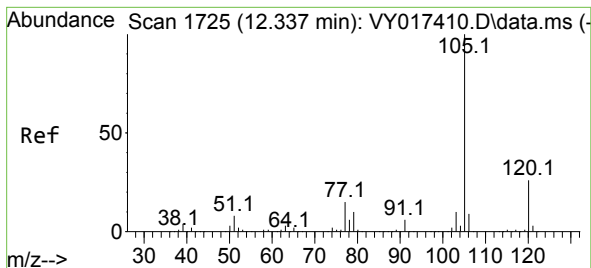
Ion Ratio Lower Upper

152 100

115 56.0 28.2 84.7

150 172.8 0.0 345.6





#73

Isopropylbenzene

Concen: 54.979 ug/l

RT: 12.343 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017426.D

Acq: 21 Feb 2024 09:04

Instrument :

MSVOA_Y

ClientSampleId :

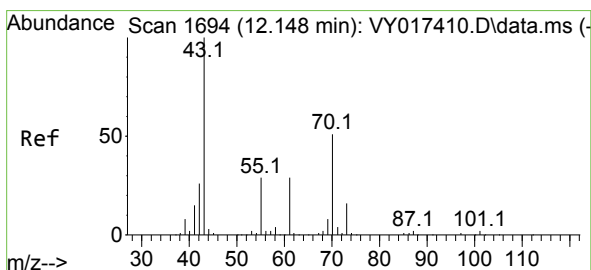
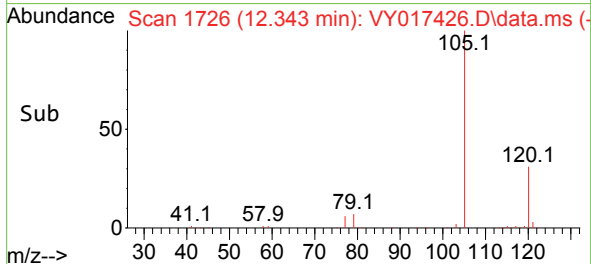
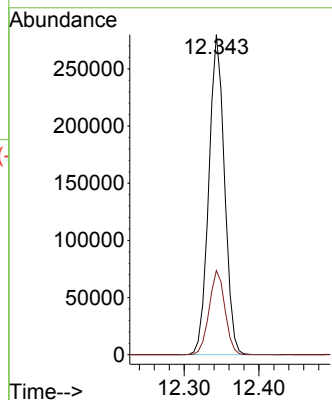
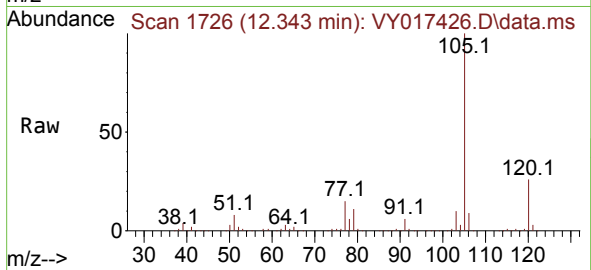
VSTDCCC050

Tgt Ion:105 Resp: 407060

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.1



#74

N-ethyl acetate

Concen: 45.940 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.006 min

Lab File: VY017426.D

Acq: 21 Feb 2024 09:04

Tgt Ion: 43 Resp: 59224

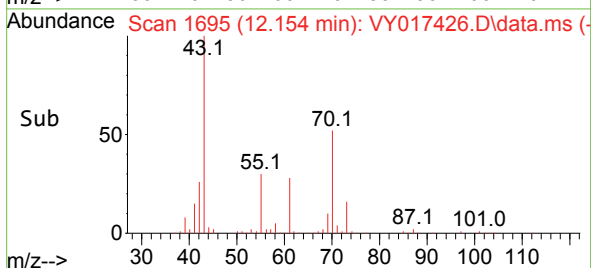
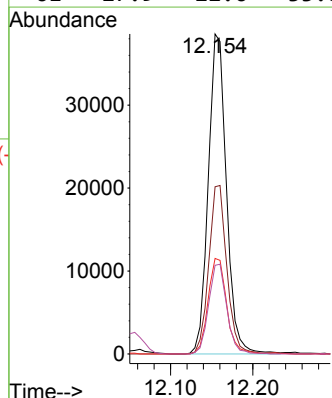
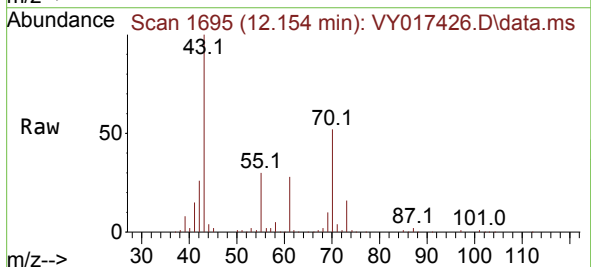
Ion Ratio Lower Upper

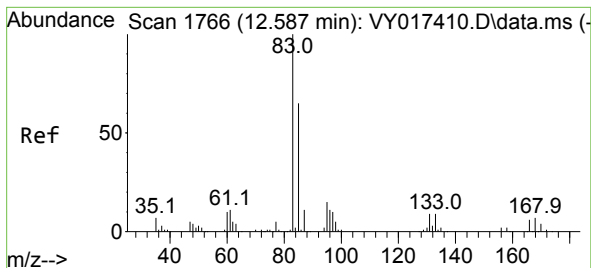
43 100

70 52.4 41.4 62.2

55 30.6 23.3 34.9

61 27.9 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 46.244 ug/l

RT: 12.593 min Scan# 1766

Delta R.T. 0.006 min

Lab File: VY017426.D

Acq: 21 Feb 2024 09:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

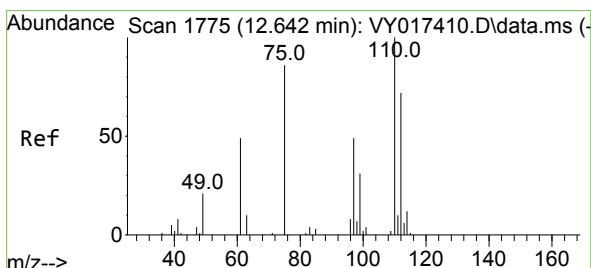
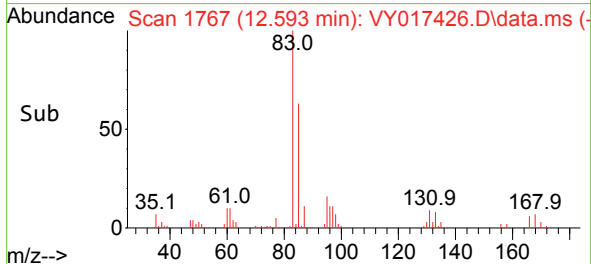
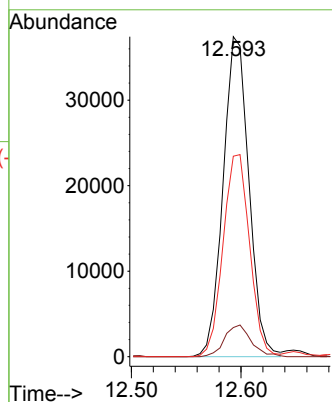
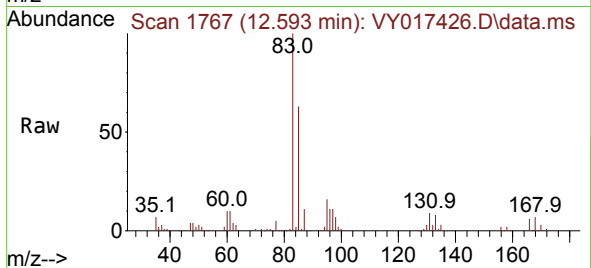
Tgt Ion: 83 Resp: 61193

Ion Ratio Lower Upper

83 100

131 10.2 5.0 14.9

85 65.1 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 82.464 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VY017426.D

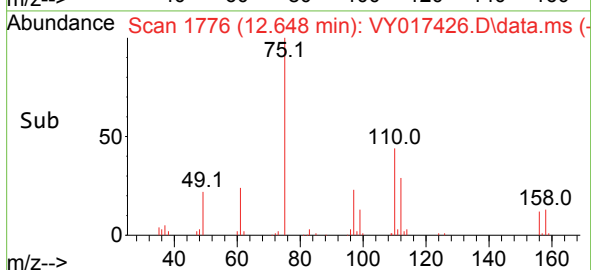
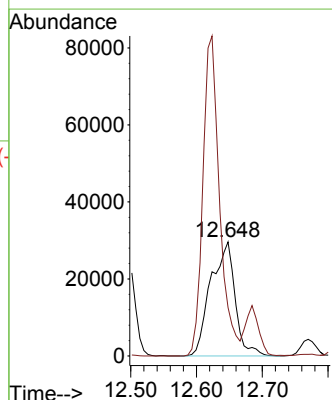
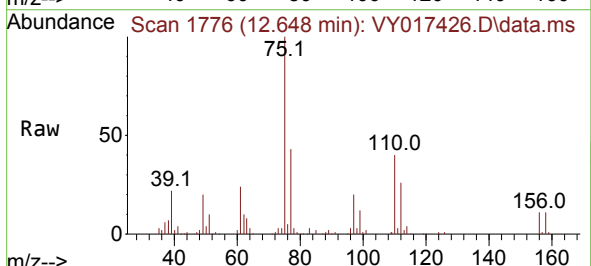
Acq: 21 Feb 2024 09:04

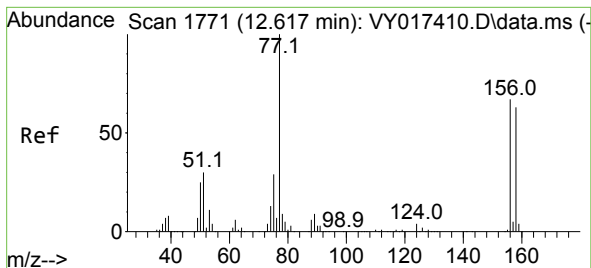
Tgt Ion: 75 Resp: 76639

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.912 ug/l

RT: 12.623 min Scan# 1771

Delta R.T. 0.006 min

Lab File: VY017426.D

Acq: 21 Feb 2024 09:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

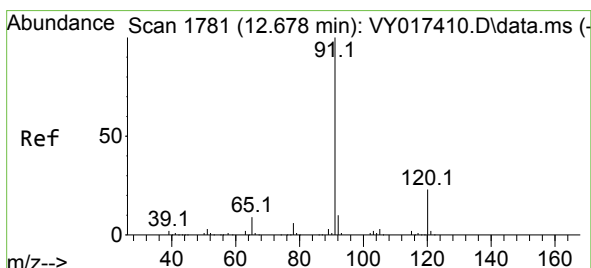
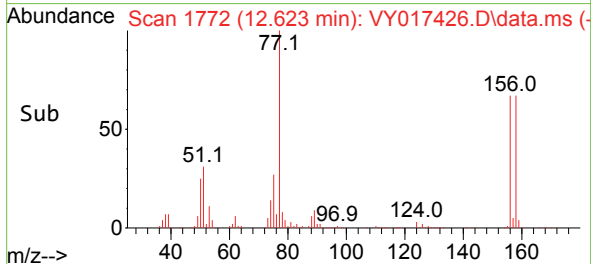
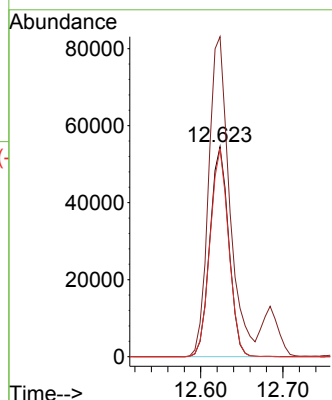
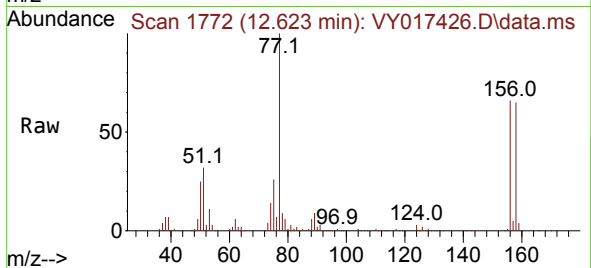
Tgt Ion:156 Resp: 86669

Ion Ratio Lower Upper

156 100

77 169.7 87.1 261.3

158 98.3 48.6 145.9



#78

n-propylbenzene

Concen: 54.158 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VY017426.D

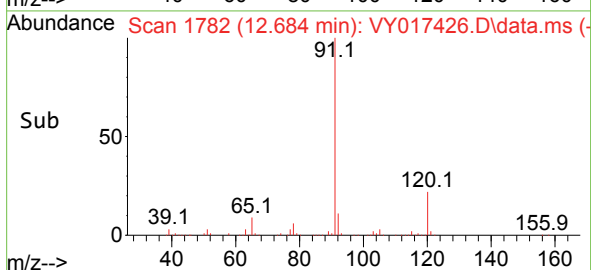
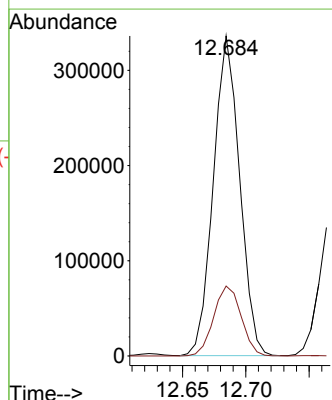
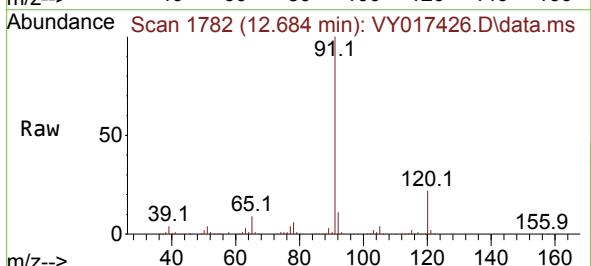
Acq: 21 Feb 2024 09:04

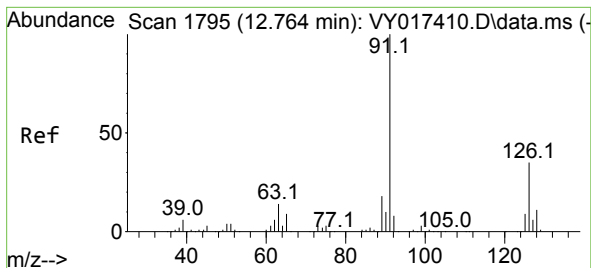
Tgt Ion: 91 Resp: 485014

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 52.638 ug/l

RT: 12.770 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017426.D

Acq: 21 Feb 2024 09:04

Instrument :

MSVOA_Y

ClientSampleId :

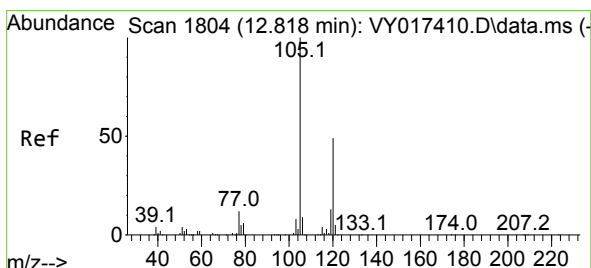
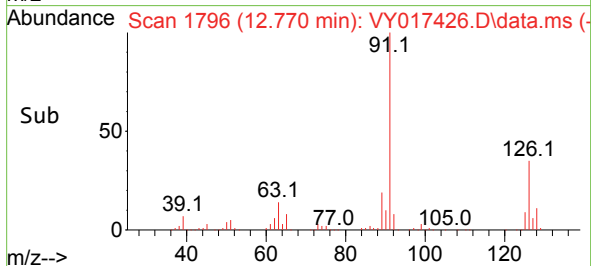
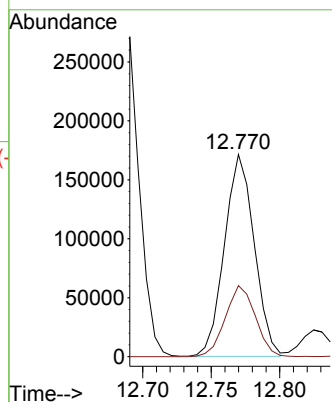
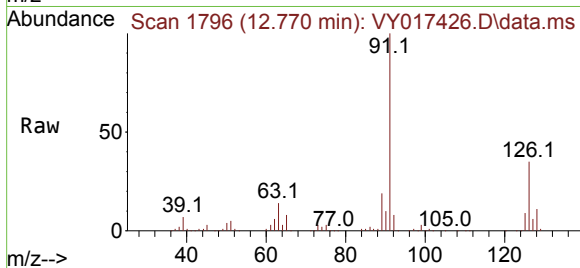
VSTDCCC050

Tgt Ion: 91 Resp: 259562

Ion Ratio Lower Upper

91 100

126 35.5 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 53.802 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VY017426.D

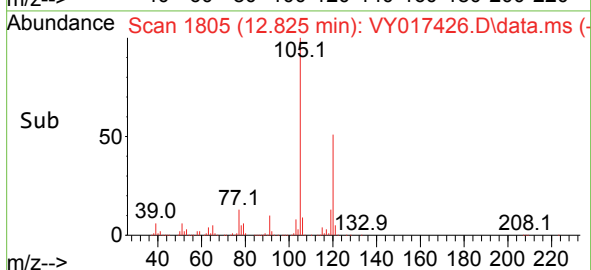
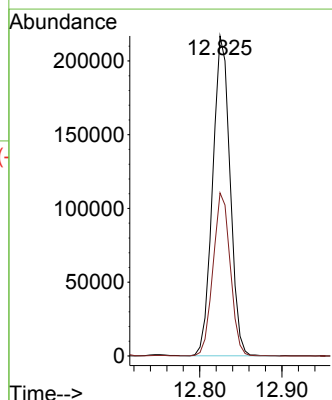
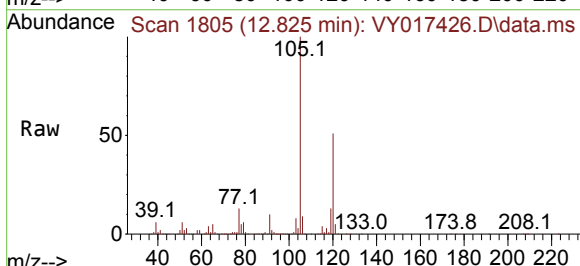
Acq: 21 Feb 2024 09:04

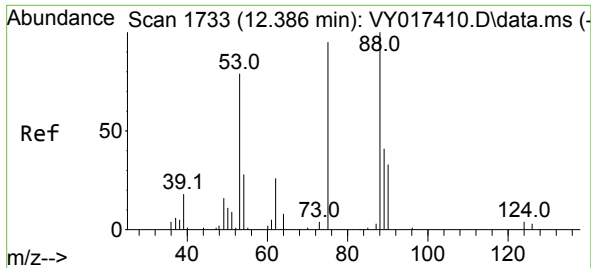
Tgt Ion:105 Resp: 318620

Ion Ratio Lower Upper

105 100

120 50.5 25.1 75.2

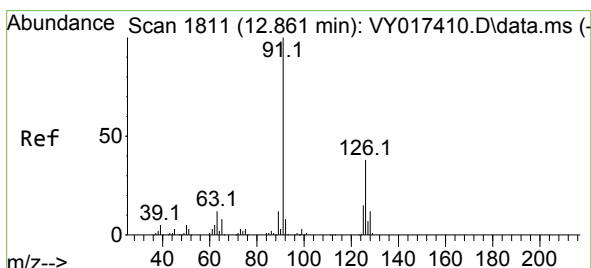
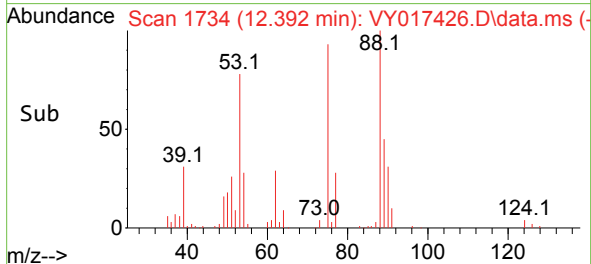
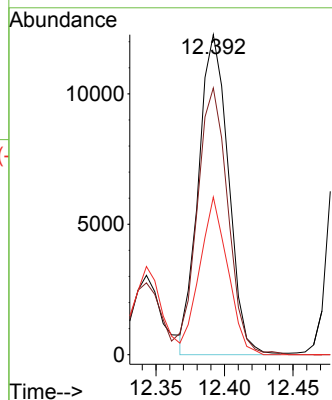
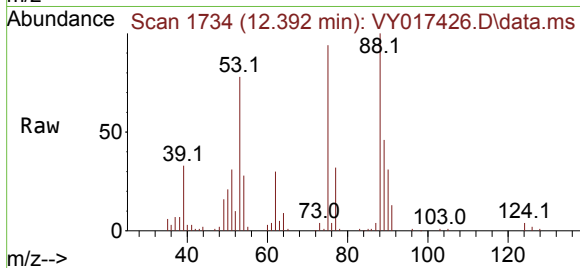




#81
trans-1,4-Dichloro-2-butene
Concen: 46.713 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017426.D
Acq: 21 Feb 2024 09:04

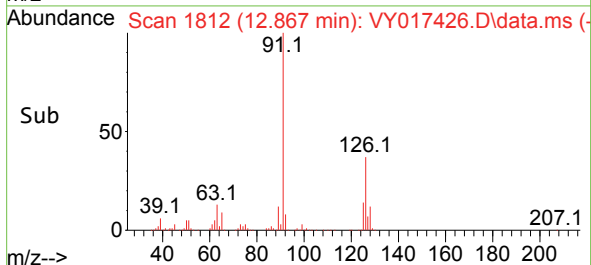
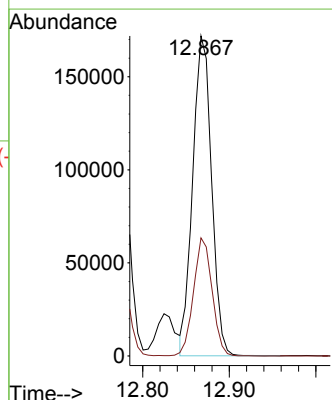
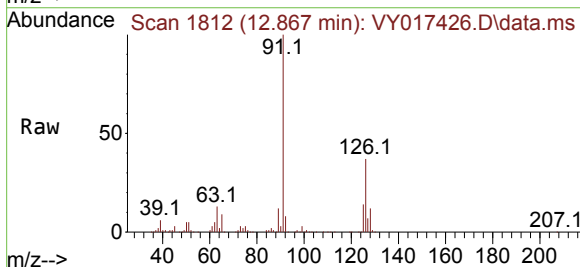
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

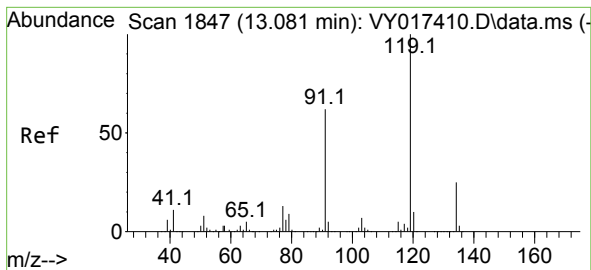
Tgt Ion: 75 Resp: 18620
Ion Ratio Lower Upper
75 100
53 85.9 66.8 100.2
89 46.3 35.8 53.6



#82
4-Chlorotoluene
Concen: 51.039 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY017426.D
Acq: 21 Feb 2024 09:04

Tgt Ion: 91 Resp: 259713
Ion Ratio Lower Upper
91 100
126 36.5 17.6 52.9





#83

tert-Butylbenzene

Concen: 53.885 ug/l

RT: 13.087 min Scan# 1848

Delta R.T. 0.006 min

Lab File: VY017426.D

Acq: 21 Feb 2024 09:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

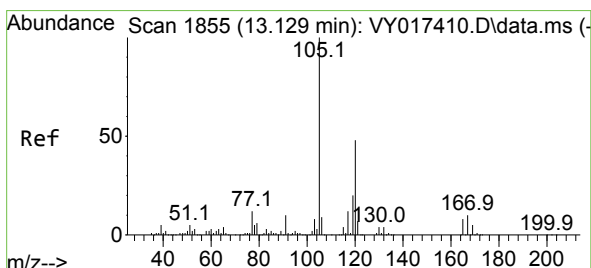
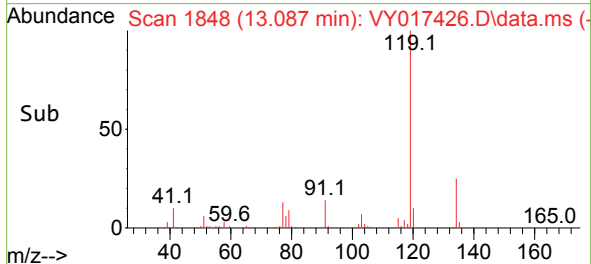
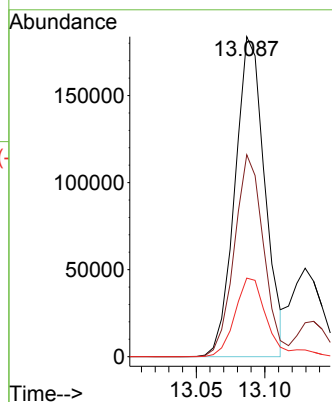
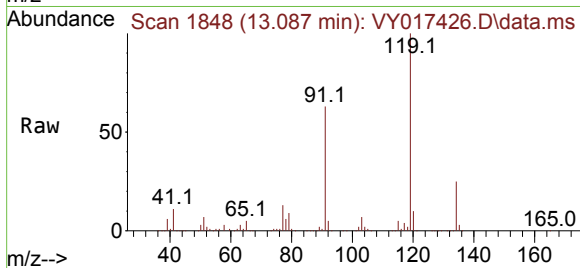
Tgt Ion:119 Resp: 278654

Ion Ratio Lower Upper

119 100

91 62.2 31.3 93.8

134 26.8 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 52.952 ug/l

RT: 13.136 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VY017426.D

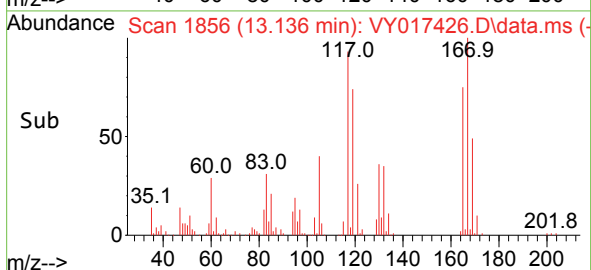
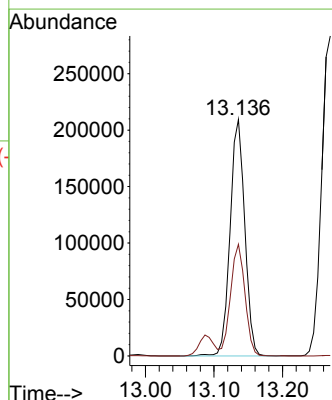
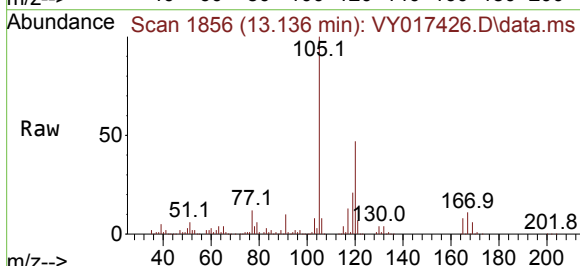
Acq: 21 Feb 2024 09:04

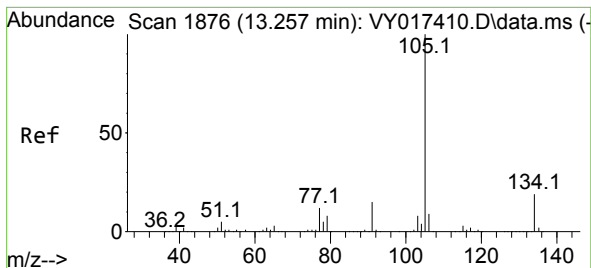
Tgt Ion:105 Resp: 310663

Ion Ratio Lower Upper

105 100

120 46.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 53.112 ug/l

RT: 13.270 min Scan# 1876

Delta R.T. 0.012 min

Lab File: VY017426.D

Acq: 21 Feb 2024 09:04

Instrument :

MSVOA_Y

ClientSampleId :

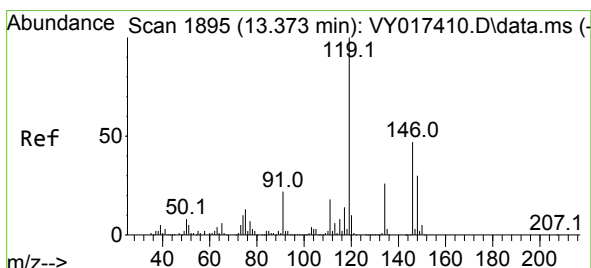
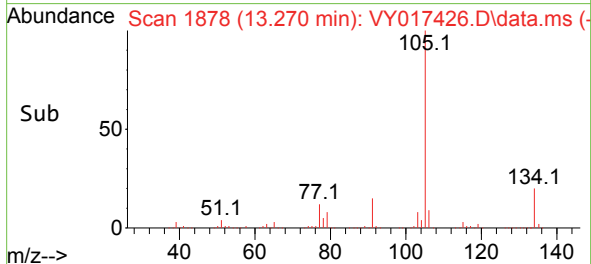
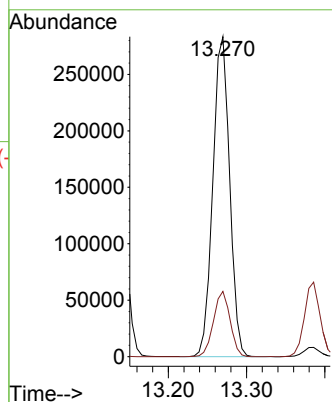
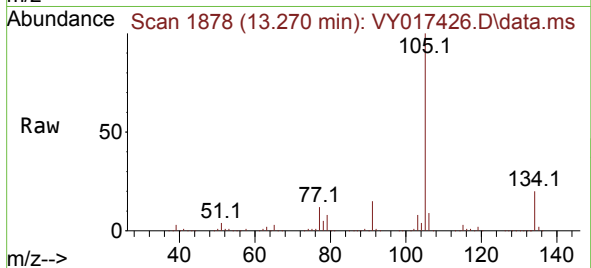
VSTDCCC050

Tgt Ion:105 Resp: 421857

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 52.915 ug/l

RT: 13.386 min Scan# 1897

Delta R.T. 0.012 min

Lab File: VY017426.D

Acq: 21 Feb 2024 09:04

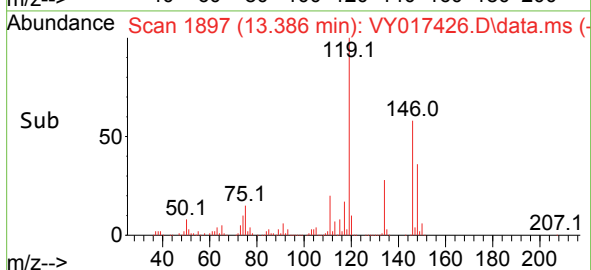
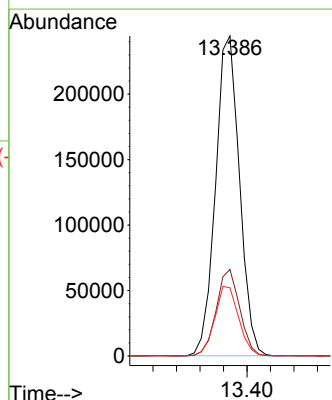
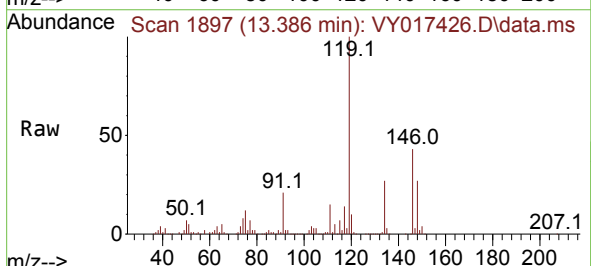
Tgt Ion:119 Resp: 346166

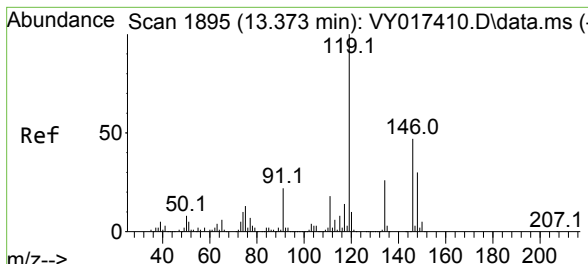
Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.3

91 21.8 10.7 32.1

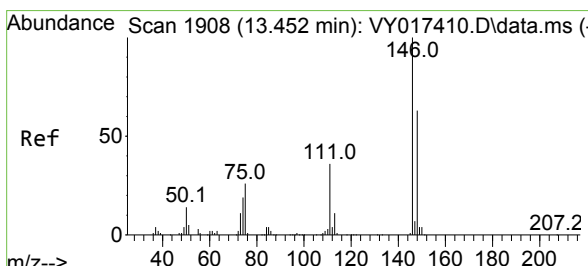
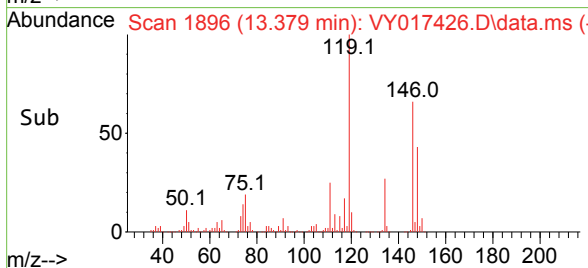
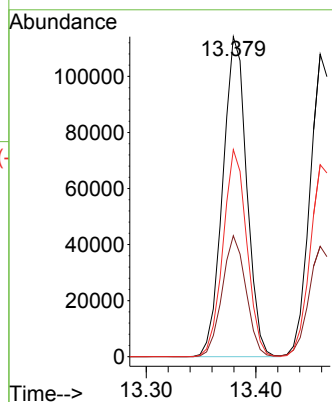
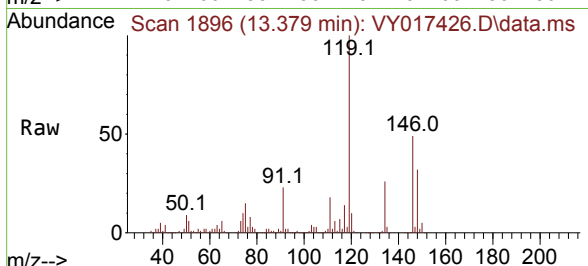




#87
 1,3-Dichlorobenzene
 Concen: 49.407 ug/l
 RT: 13.379 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY017426.D
 Acq: 21 Feb 2024 09:04

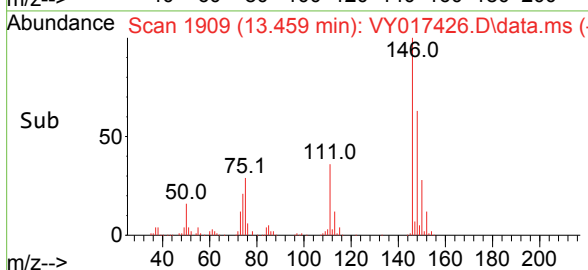
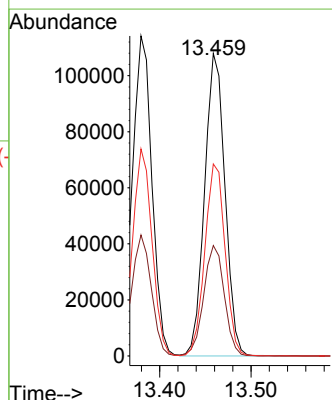
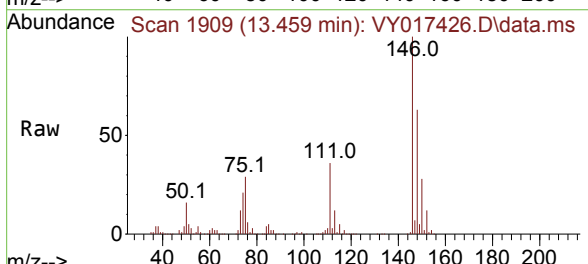
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

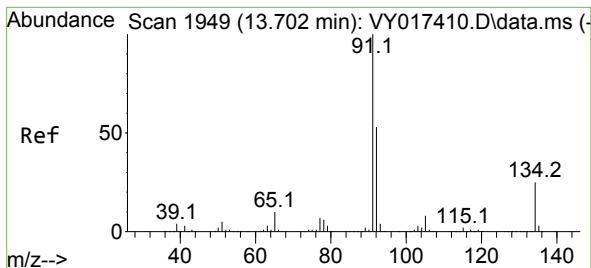
Tgt Ion:146 Resp: 173257
 Ion Ratio Lower Upper
 146 100
 111 37.5 19.0 57.0
 148 64.1 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 49.195 ug/l
 RT: 13.459 min Scan# 1909
 Delta R.T. 0.006 min
 Lab File: VY017426.D
 Acq: 21 Feb 2024 09:04

Tgt Ion:146 Resp: 166572
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.4 55.4
 148 63.5 32.4 97.2





#89

n-Butylbenzene

Concen: 52.266 ug/l

RT: 13.709 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY017426.D

Acq: 21 Feb 2024 09:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

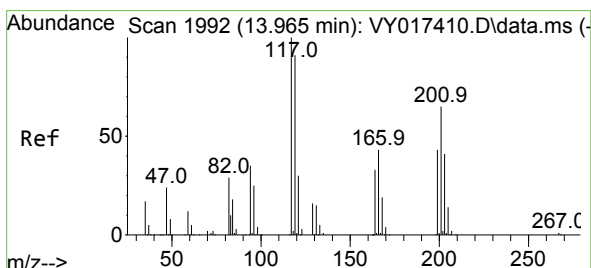
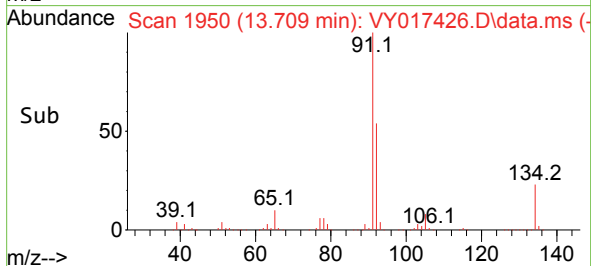
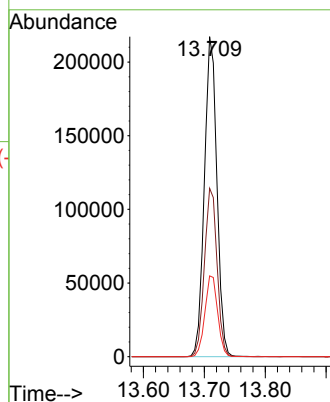
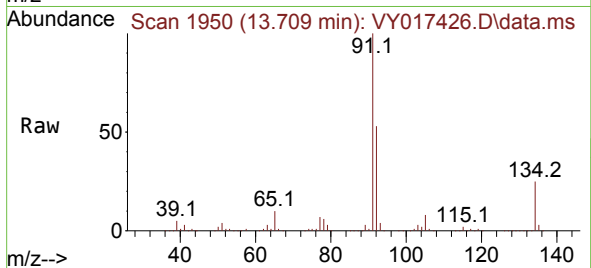
Tgt Ion: 91 Resp: 310977

Ion Ratio Lower Upper

91 100

92 53.2 26.6 79.7

134 25.7 12.9 38.7



#90

Hexachloroethane

Concen: 50.687 ug/l

RT: 13.977 min Scan# 1994

Delta R.T. 0.012 min

Lab File: VY017426.D

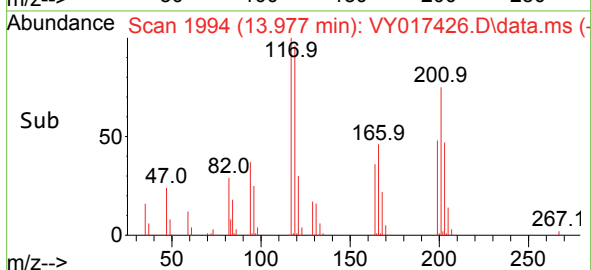
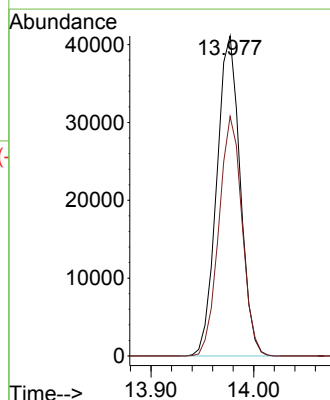
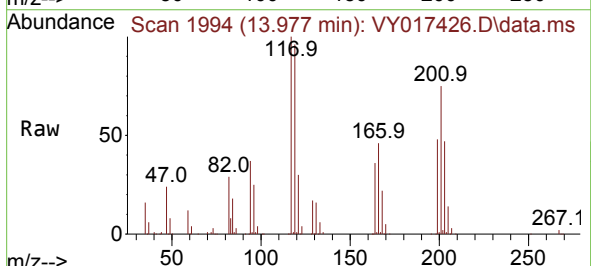
Acq: 21 Feb 2024 09:04

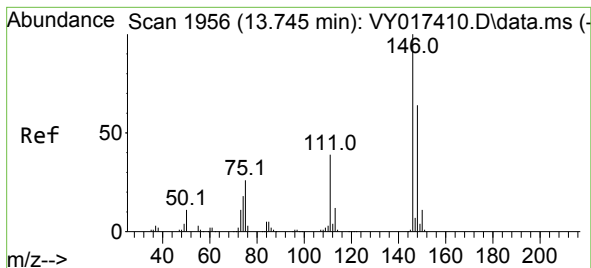
Tgt Ion: 117 Resp: 64974

Ion Ratio Lower Upper

117 100

201 74.2 37.4 112.2

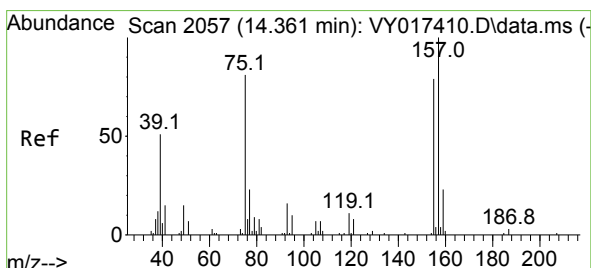
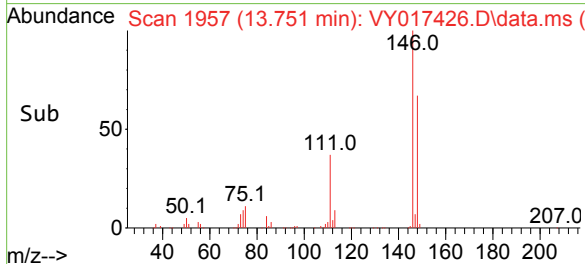
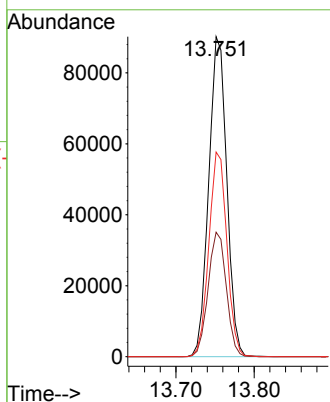
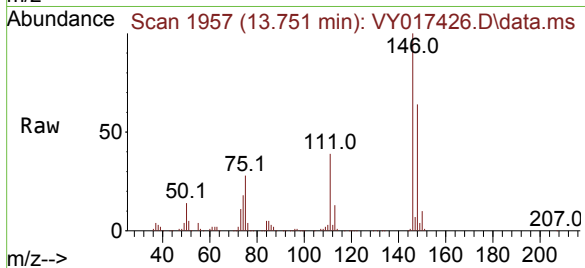




#91
1,2-Dichlorobenzene
Concen: 48.805 ug/l
RT: 13.751 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VY017426.D
Acq: 21 Feb 2024 09:04

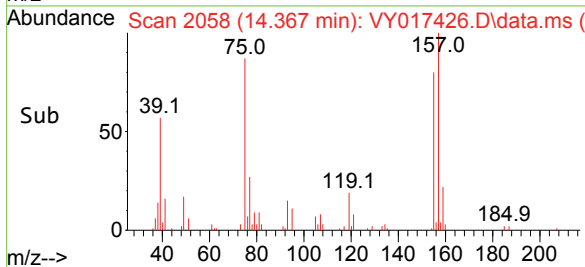
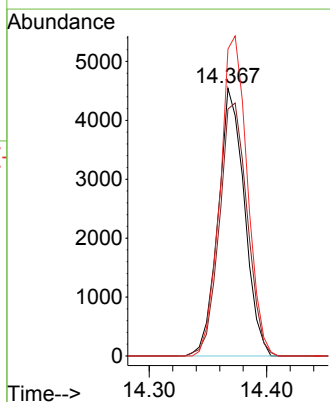
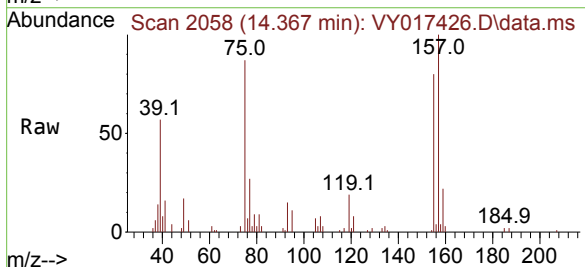
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

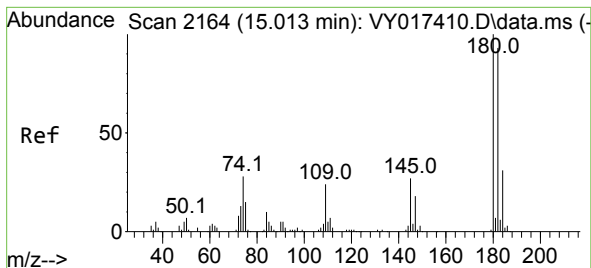
Tgt Ion:146 Resp: 144059
Ion Ratio Lower Upper
146 100
111 39.3 19.9 59.7
148 63.9 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 42.234 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VY017426.D
Acq: 21 Feb 2024 09:04

Tgt Ion: 75 Resp: 7064
Ion Ratio Lower Upper
75 100
155 99.8 48.6 145.8
157 123.3 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 46.576 ug/l

RT: 15.025 min Scan# 2166

Delta R.T. 0.012 min

Lab File: VY017426.D

Acq: 21 Feb 2024 09:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

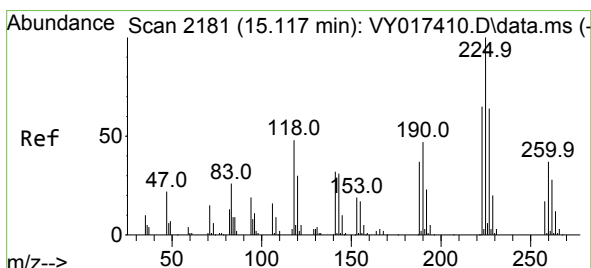
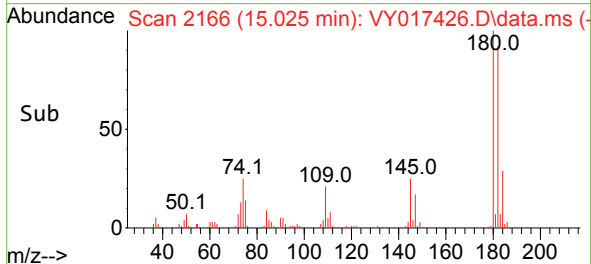
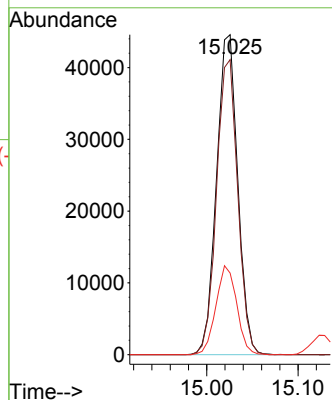
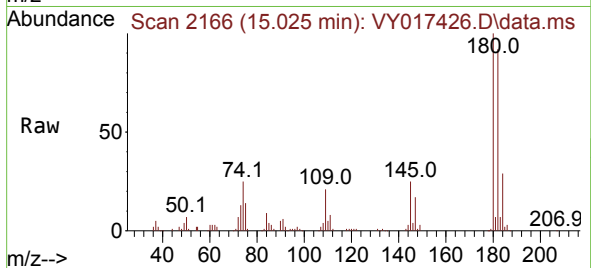
Tgt Ion:180 Resp: 71884

Ion Ratio Lower Upper

180 100

182 92.2 47.9 143.8

145 27.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 46.853 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.012 min

Lab File: VY017426.D

Acq: 21 Feb 2024 09:04

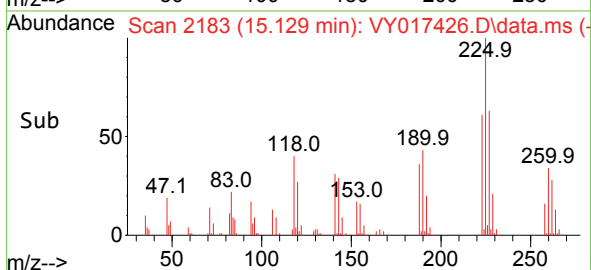
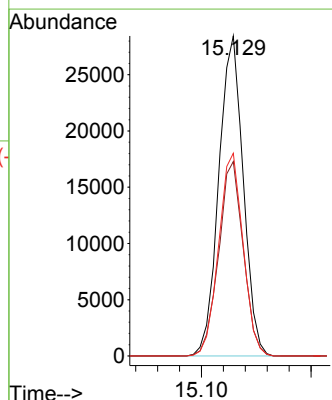
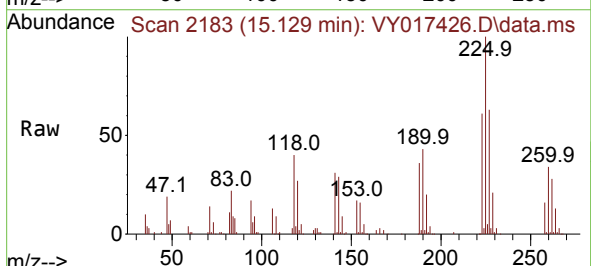
Tgt Ion:225 Resp: 43979

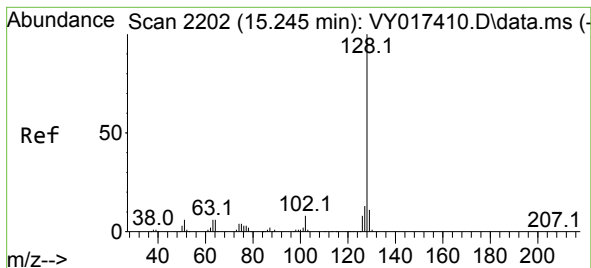
Ion Ratio Lower Upper

225 100

223 61.2 30.4 91.2

227 63.3 31.9 95.9





#95

Naphthalene

Concen: 39.867 ug/l

RT: 15.251 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY017426.D

Acq: 21 Feb 2024 09:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

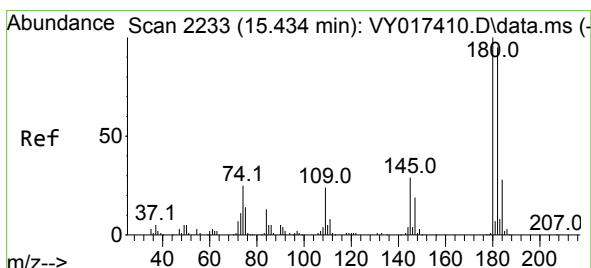
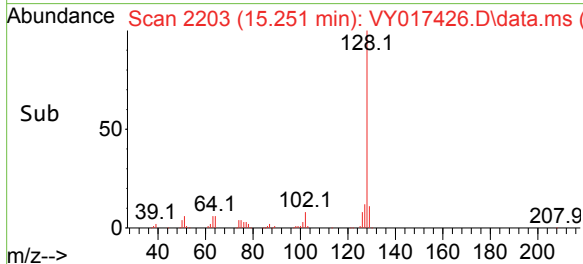
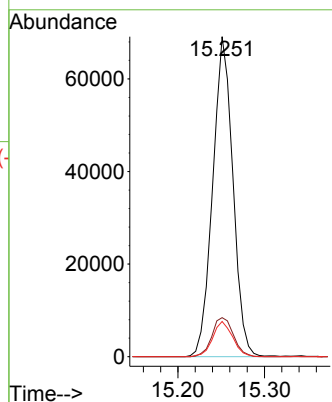
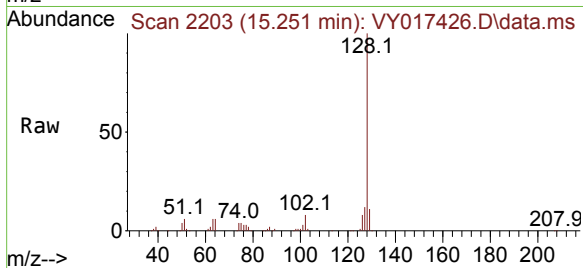
Tgt Ion:128 Resp: 112067

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 44.262 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY017426.D

Acq: 21 Feb 2024 09:04

Tgt Ion:180 Resp: 57431

Ion Ratio Lower Upper

180 100

182 94.4 47.6 142.9

145 30.7 15.4 46.1

