

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060623\
 Data File : VY014023.D
 Acq On : 06 Jun 2023 11:32
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 07 01:35:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	234315	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	356097	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	327092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	169312	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	139405	44.944	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.880%
35) Dibromofluoromethane	7.716	113	120089	53.065	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.140%
50) Toluene-d8	10.179	98	453379	52.522	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.040%
62) 4-Bromofluorobenzene	12.483	95	156188	53.073	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.140%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.906	85	107499	52.141	ug/l 96
3) Chloromethane	2.113	50	136814	47.913	ug/l 99
4) Vinyl Chloride	2.253	62	136246	51.506	ug/l 97
5) Bromomethane	2.656	94	98567	42.792	ug/l 100
6) Chloroethane	2.796	64	87617	46.281	ug/l 99
7) Trichlorofluoromethane	3.131	101	233322	55.795	ug/l 99
8) Diethyl Ether	3.528	74	75130	45.827	ug/l 97
9) 1,1,2-Trichlorotrifluo...	3.899	101	127853	59.516	ug/l 99
10) Methyl Iodide	4.088	142	145937	49.292	ug/l 98
11) Tert butyl alcohol	4.966	59	69055	108.325	ug/l # 92
12) 1,1-Dichloroethene	3.875	96	119387	53.005	ug/l 96
13) Acrolein	3.729	56	36451	124.863	ug/l 97
14) Allyl chloride	4.479	41	222964	51.008	ug/l 99
15) Acrylonitrile	5.168	53	200402	220.284	ug/l 99
16) Acetone	3.948	43	220826	208.087	ug/l 99
17) Carbon Disulfide	4.192	76	334989	43.983	ug/l 100
18) Methyl Acetate	4.479	43	157880	41.178	ug/l 99
19) Methyl tert-butyl Ether	5.222	73	363391	49.867	ug/l 99
20) Methylene Chloride	4.716	84	147489	51.502	ug/l 99
21) trans-1,2-Dichloroethene	5.216	96	138751	54.386	ug/l 98
22) Diisopropyl ether	6.119	45	455989	53.817	ug/l 95
23) Vinyl Acetate	6.058	43	1265688	238.163	ug/l 100
24) 1,1-Dichloroethane	6.015	63	254533	53.820	ug/l 99
25) 2-Butanone	6.990	43	263610	199.393	ug/l 98
26) 2,2-Dichloropropane	6.978	77	233004	54.288	ug/l 99
27) cis-1,2-Dichloroethene	6.984	96	151917	52.010	ug/l 99
28) Bromochloromethane	7.332	49	103402	46.296	ug/l 98
29) Tetrahydrofuran	7.350	42	158143	192.358	ug/l 99
30) Chloroform	7.502	83	271431	54.663	ug/l 98
31) Cyclohexane	7.789	56	190941	51.122	ug/l 98
32) 1,1,1-Trichloroethane	7.704	97	241402	57.314	ug/l 99
36) 1,1-Dichloropropene	7.917	75	186507	57.847	ug/l 99
37) Ethyl Acetate	7.070	43	114521	40.741	ug/l 99
38) Carbon Tetrachloride	7.899	117	217686	60.253	ug/l 97
39) Methylcyclohexane	9.185	83	204401	59.385	ug/l 97
40) Benzene	8.161	78	549793	55.279	ug/l 100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	158141	121.722	ug/l #	17
42) 1,2-Dichloroethane	8.234	62	187915	51.526	ug/l	99
43) Isopropyl Acetate	8.271	43	211836	44.756	ug/l	99
44) Trichloroethene	8.941	130	144327	55.414	ug/l	97
45) 1,2-Dichloropropane	9.216	63	141830	55.259	ug/l	95
46) Dibromomethane	9.307	93	82921	50.464	ug/l	99
47) Bromodichloromethane	9.496	83	207610	56.087	ug/l	98
48) Methyl methacrylate	9.295	41	99829	46.339	ug/l	99
49) 1,4-Dioxane	9.307	88	19848	830.608	ug/l #	41
51) 4-Methyl-2-Pentanone	10.069	43	581336	217.451	ug/l	100
52) Toluene	10.246	92	348553	57.207	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	212198	53.368	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	231428	54.516	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	114621	52.912	ug/l	99
56) Ethyl methacrylate	10.508	69	154881	49.796	ug/l	98
57) 1,3-Dichloropropane	10.788	76	194612	52.576	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	334868	221.700	ug/l	99
59) 2-Hexanone	10.831	43	423772	218.910	ug/l	100
60) Dibromochloromethane	10.984	129	148733	54.323	ug/l	99
61) 1,2-Dibromoethane	11.087	107	109409	50.268	ug/l	98
64) Tetrachloroethene	10.721	164	132039	58.924	ug/l	98
65) Chlorobenzene	11.514	112	376789	56.149	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	151290	57.913	ug/l	99
67) Ethyl Benzene	11.593	91	684498	58.931	ug/l	100
68) m/p-Xylenes	11.703	106	521075	117.442	ug/l	99
69) o-Xylene	12.026	106	247672	58.256	ug/l	100
70) Styrene	12.044	104	429970	58.881	ug/l	100
71) Bromoform	12.209	173	98548	51.169	ug/l #	98
73) Isopropylbenzene	12.331	105	659692	59.032	ug/l	100
74) N-amyl acetate	12.142	43	195497	45.597	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	139199	47.659	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	182343	80.030	ug/l #	100
77) Bromobenzene	12.611	156	164619	54.491	ug/l	98
78) n-propylbenzene	12.672	91	816834	59.640	ug/l	100
79) 2-Chlorotoluene	12.758	91	457478	56.421	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	558812	58.343	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	49168	45.782	ug/l	99
82) 4-Chlorotoluene	12.855	91	480612	56.360	ug/l	99
83) tert-Butylbenzene	13.075	119	474786	59.195	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	554130	57.923	ug/l	100
85) sec-Butylbenzene	13.251	105	706622	60.585	ug/l	99
86) p-Isopropyltoluene	13.367	119	590174	59.946	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	317222	55.293	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	315760	54.409	ug/l	99
89) n-Butylbenzene	13.696	91	566938	61.030	ug/l	100
90) Hexachloroethane	13.959	117	117862	57.041	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	284129	53.758	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	23848	42.334	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	176191	54.229	ug/l	99
94) Hexachlorobutadiene	15.111	225	105252	60.818	ug/l	99
95) Naphthalene	15.239	128	341394	43.725	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	155852	52.666	ug/l	98

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Fri Jun 02 07:00:14 2023
Response via : Initial Calibration

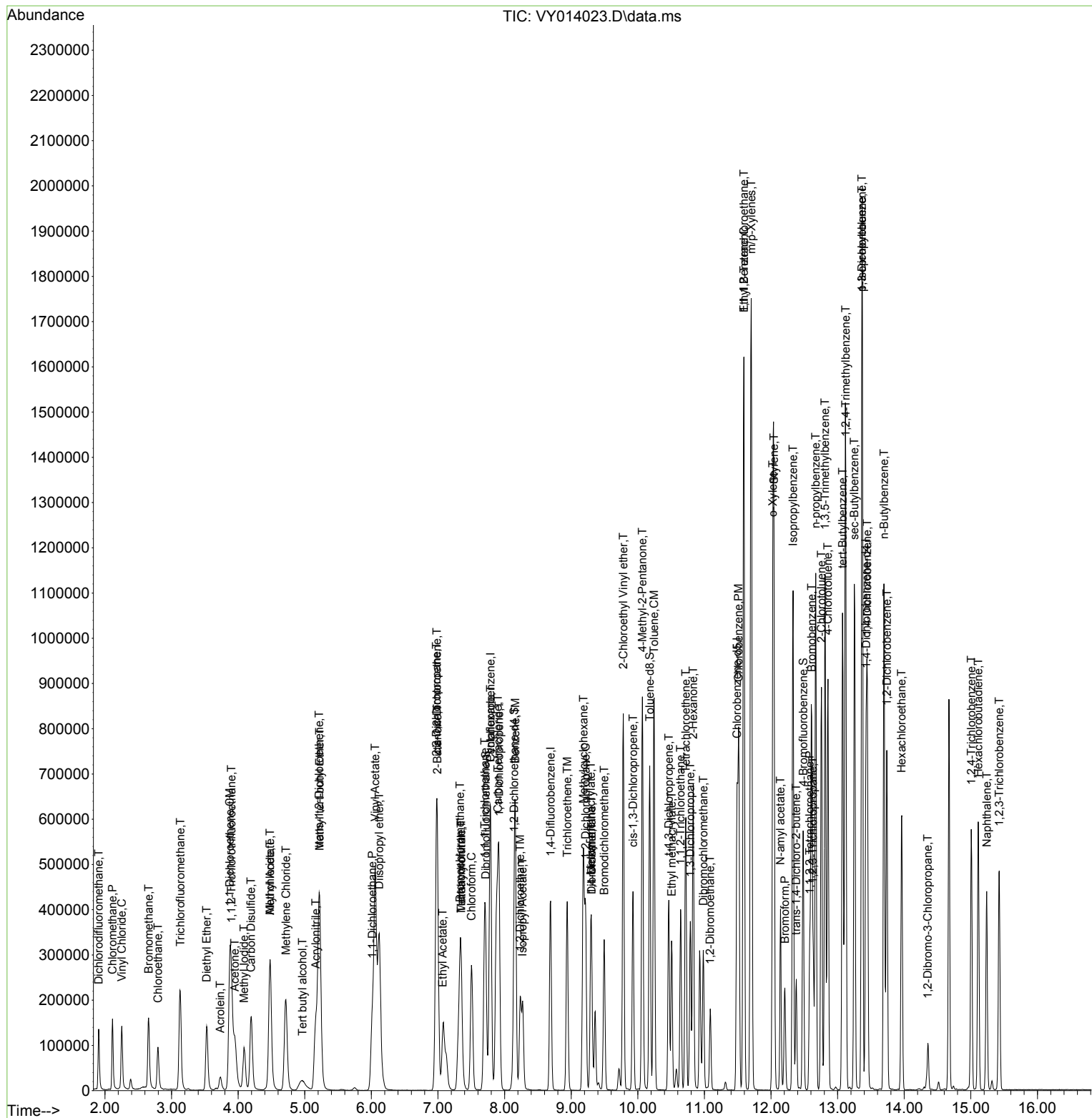
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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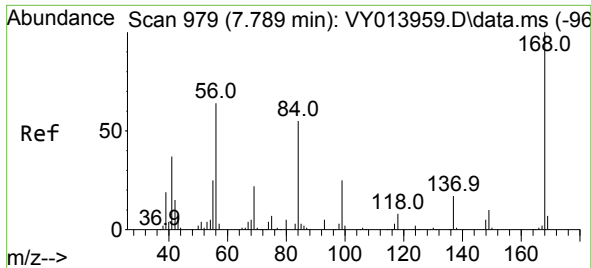
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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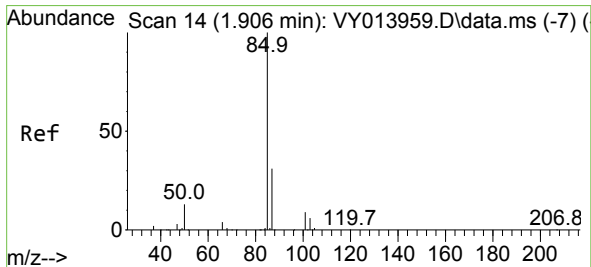
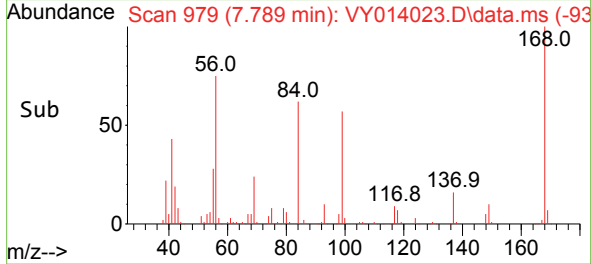
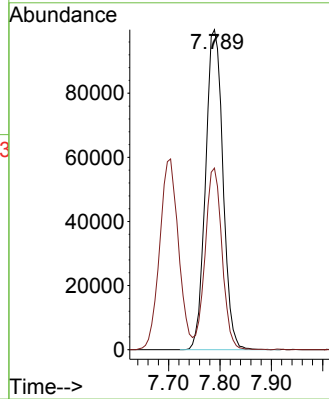
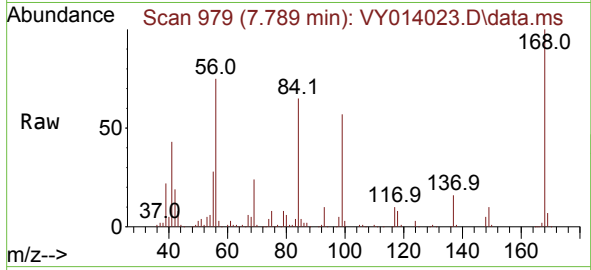




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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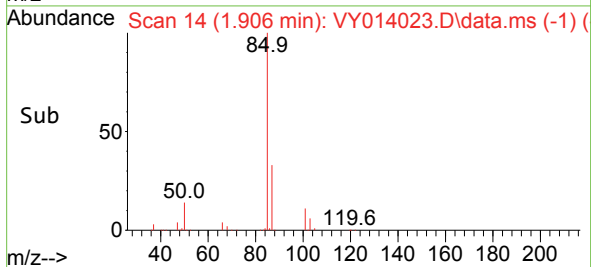
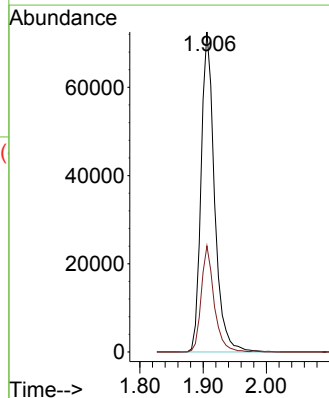
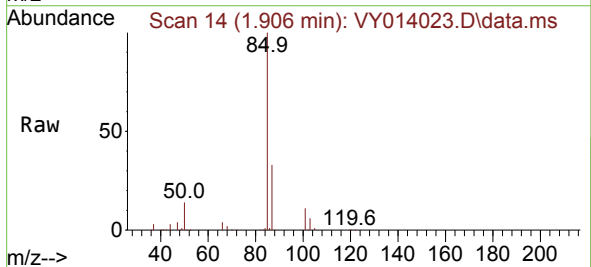
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

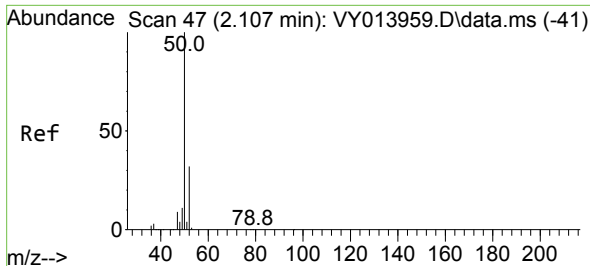
Tgt Ion:168 Resp: 234315
Ion Ratio Lower Upper
168 100
99 56.6 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 52.141 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

Tgt Ion: 85 Resp: 107499
Ion Ratio Lower Upper
85 100
87 33.2 15.6 46.8

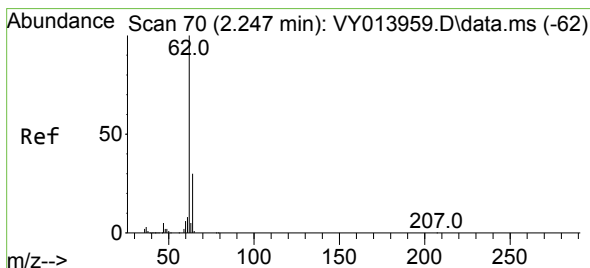
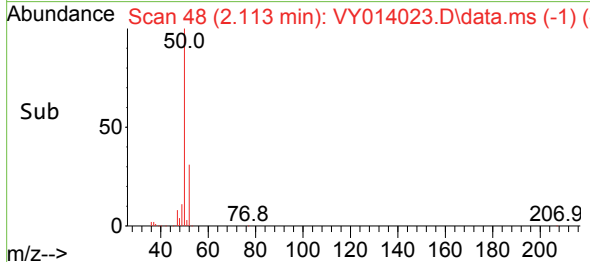
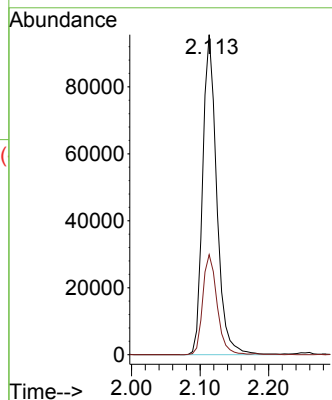
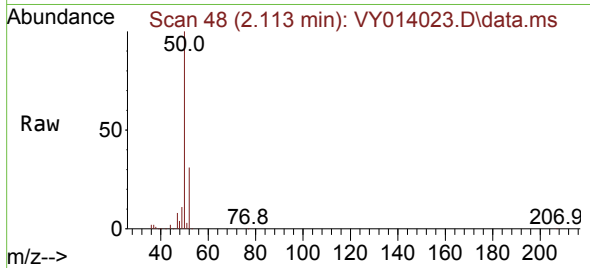




#3
Chloromethane
Concen: 47.913 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

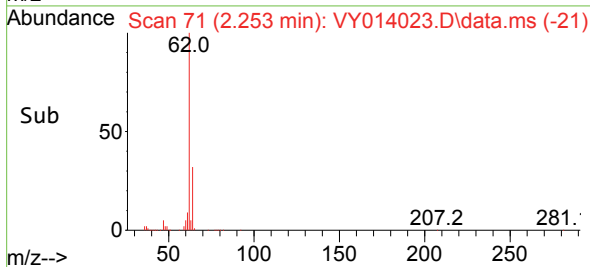
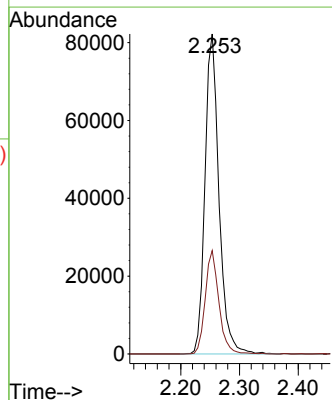
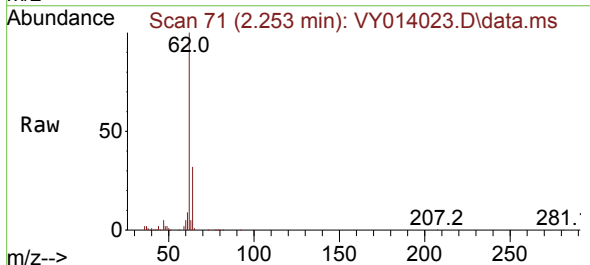
Instrument :
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ClientSampleId :
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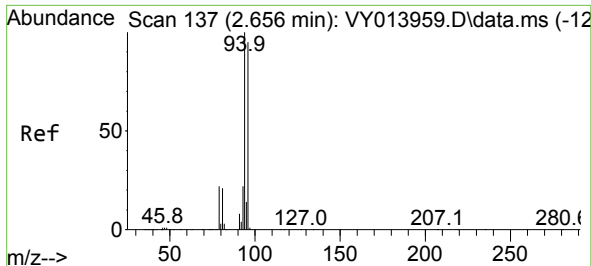
Tgt Ion: 50 Resp: 136814
Ion Ratio Lower Upper
50 100
52 31.2 25.4 38.2



#4
Vinyl Chloride
Concen: 51.506 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

Tgt Ion: 62 Resp: 136246
Ion Ratio Lower Upper
62 100
64 32.3 24.3 36.5

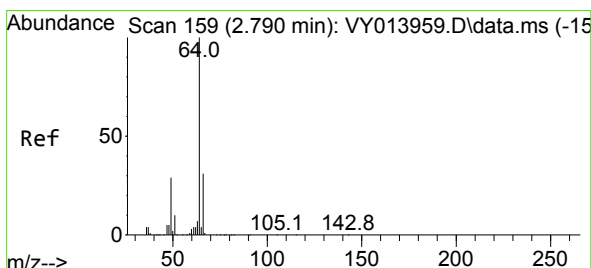
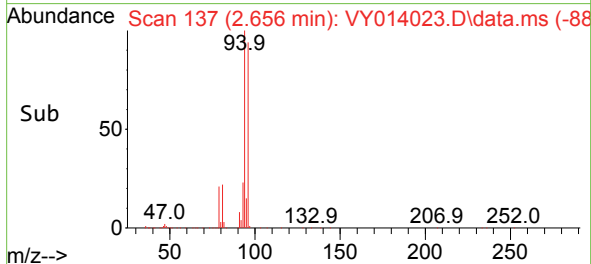
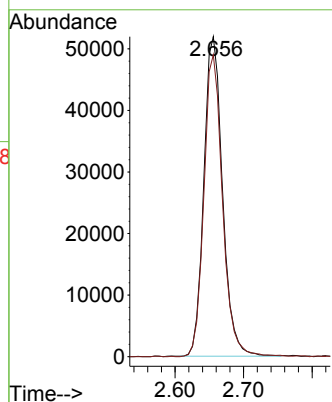
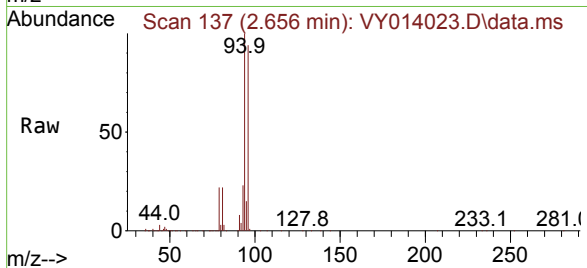




#5
Bromomethane
Concen: 42.792 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014023.D
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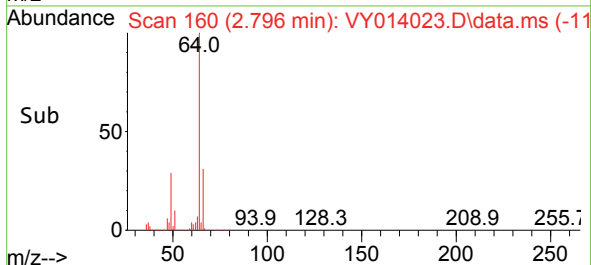
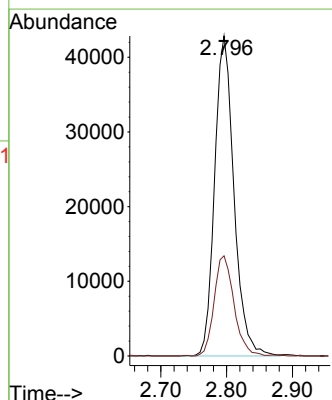
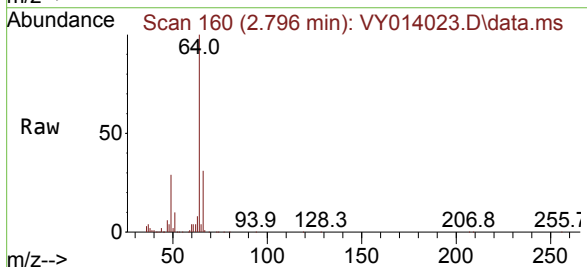
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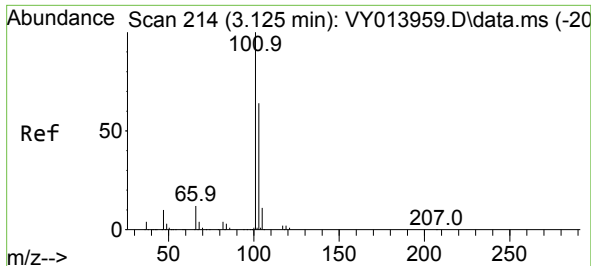
Tgt Ion: 94 Resp: 98567
Ion Ratio Lower Upper
94 100
96 94.5 75.8 113.6



#6
Chloroethane
Concen: 46.281 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY014023.D
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Tgt Ion: 64 Resp: 87617
Ion Ratio Lower Upper
64 100
66 31.3 24.4 36.6

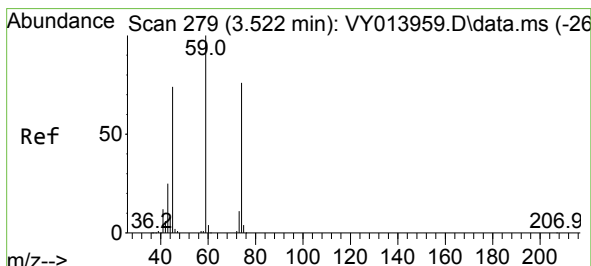
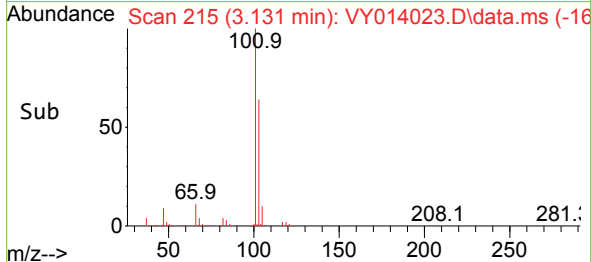
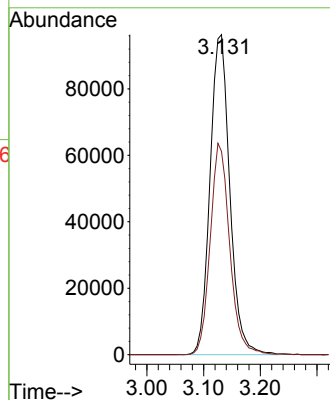
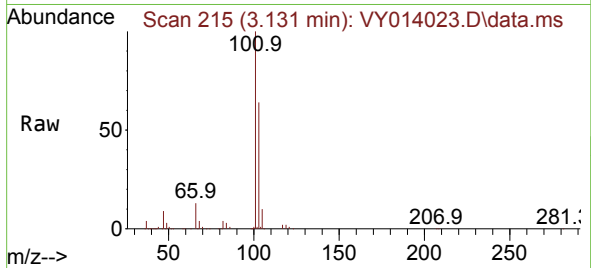




#7
Trichlorofluoromethane
Concen: 55.795 ug/l
RT: 3.131 min Scan# 214
Delta R.T. 0.006 min
Lab File: VY014023.D
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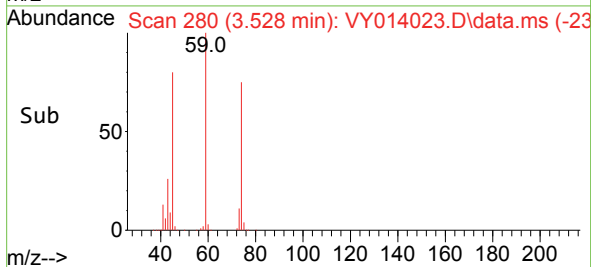
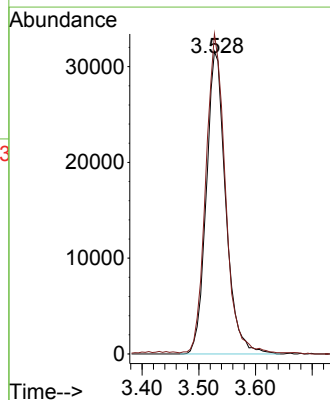
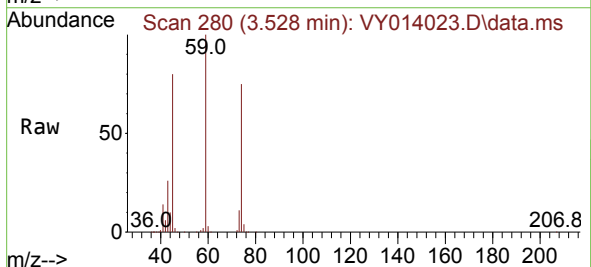
Instrument :
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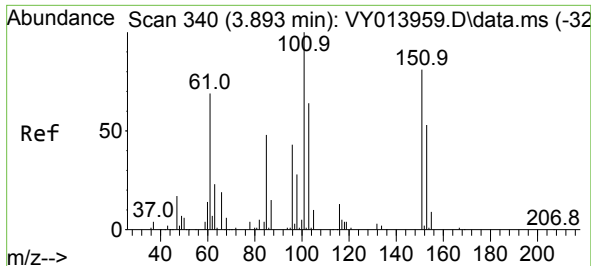
Tgt Ion:101 Resp: 233322
Ion Ratio Lower Upper
101 100
103 63.5 51.4 77.0



#8
Diethyl Ether
Concen: 45.827 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.006 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

Tgt Ion: 74 Resp: 75130
Ion Ratio Lower Upper
74 100
45 105.6 51.5 154.5

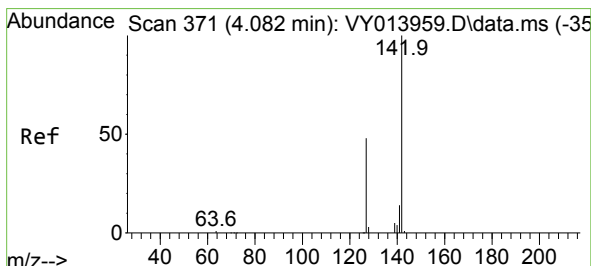
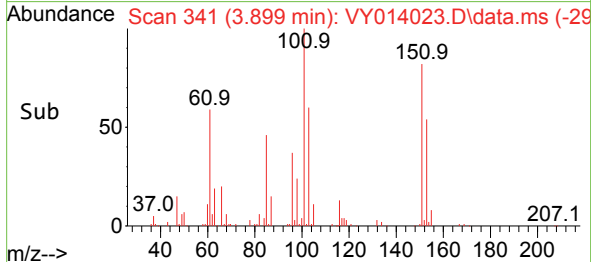
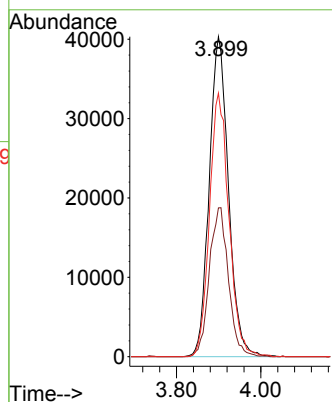
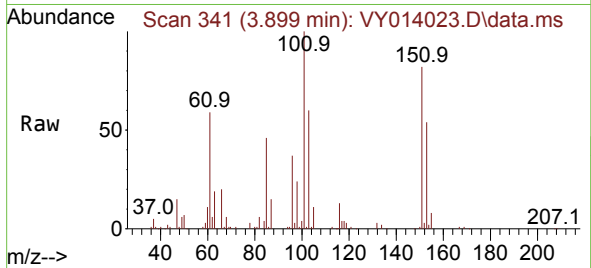




#9
1,1,2-Trichlorotrifluoroethane
Concen: 59.516 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

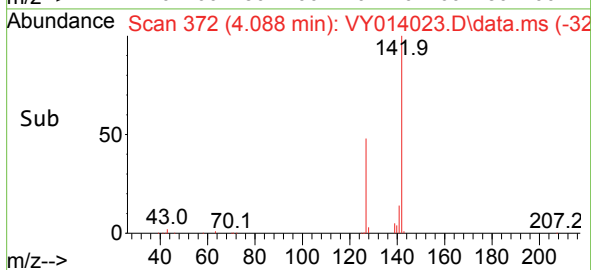
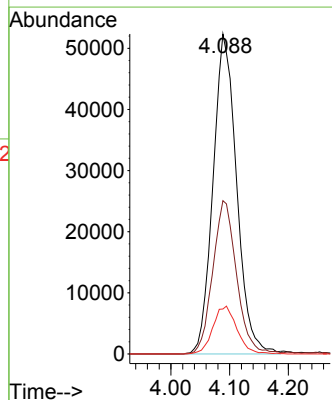
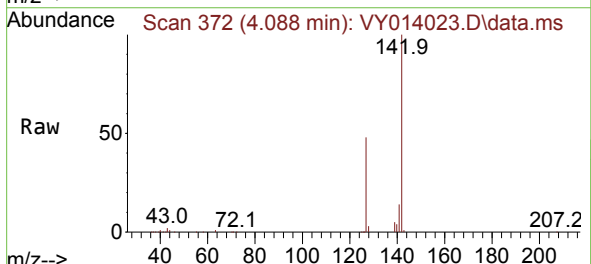
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

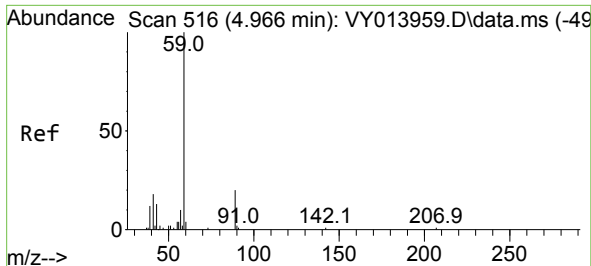
Tgt Ion:101 Resp: 127853
Ion Ratio Lower Upper
101 100
85 46.3 36.6 55.0
151 83.2 67.0 100.6



#10
Methyl Iodide
Concen: 49.292 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

Tgt Ion:142 Resp: 145937
Ion Ratio Lower Upper
142 100
127 48.4 37.6 56.4
141 15.3 11.8 17.8





#11

Tert butyl alcohol

Concen: 108.325 ug/l

RT: 4.966 min Scan# 516

Delta R.T. 0.000 min

Lab File: VY014023.D

Acq: 06 Jun 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

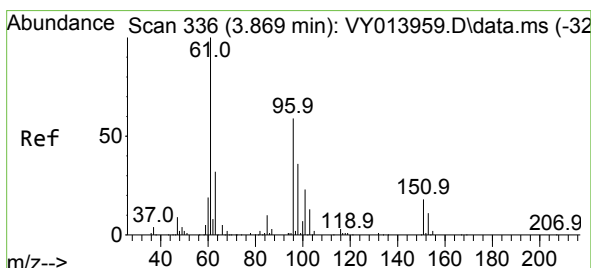
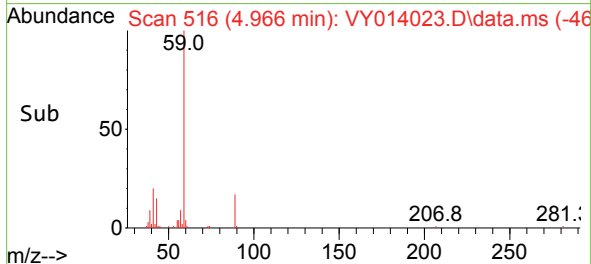
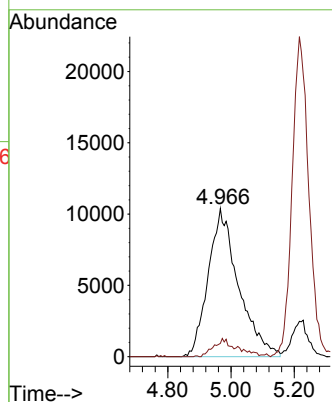
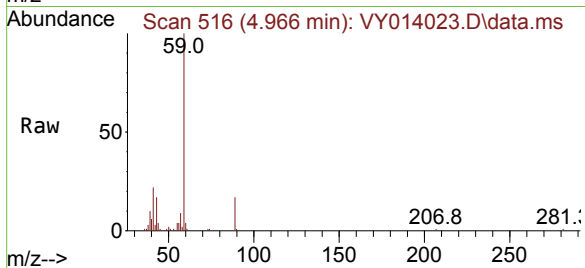
VSTDCCC050

Tgt Ion: 59 Resp: 69055

Ion Ratio Lower Upper

59 100

57 6.4 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 53.005 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.006 min

Lab File: VY014023.D

Acq: 06 Jun 2023 11:32

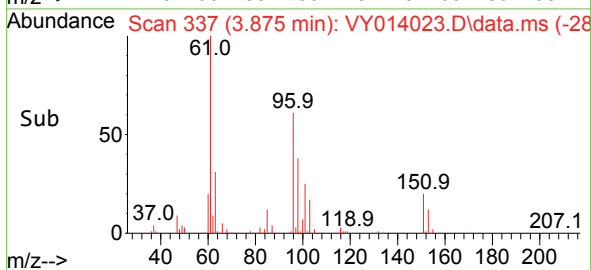
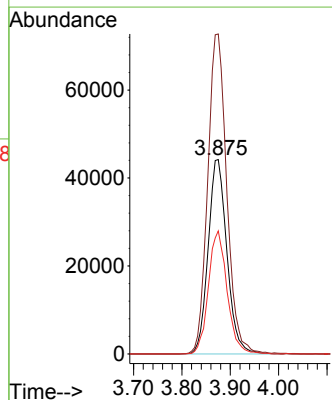
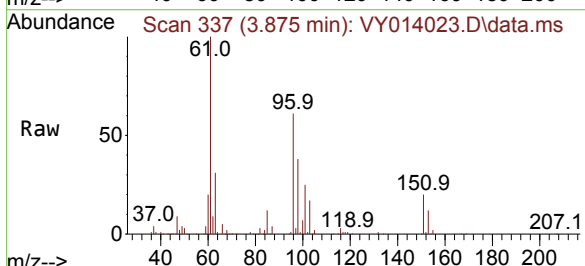
Tgt Ion: 96 Resp: 119387

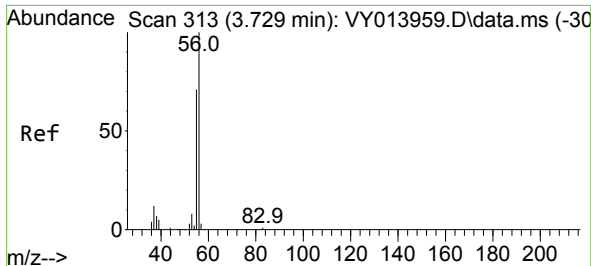
Ion Ratio Lower Upper

96 100

61 164.6 136.4 204.6

98 63.3 49.4 74.2

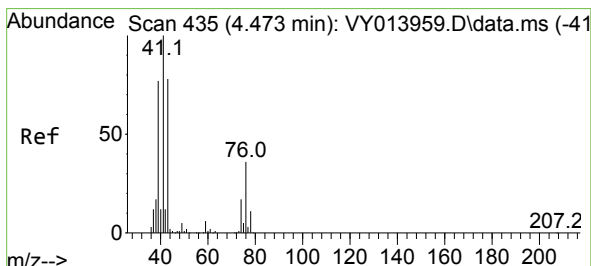
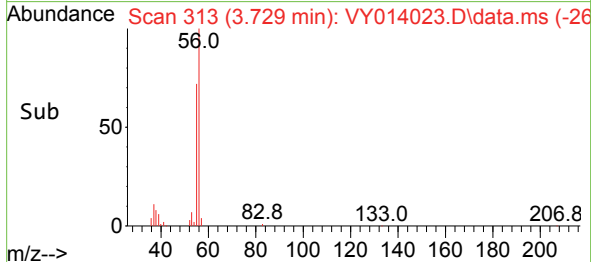
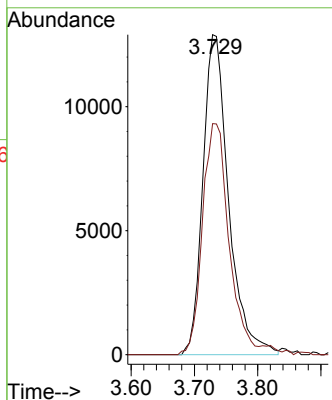
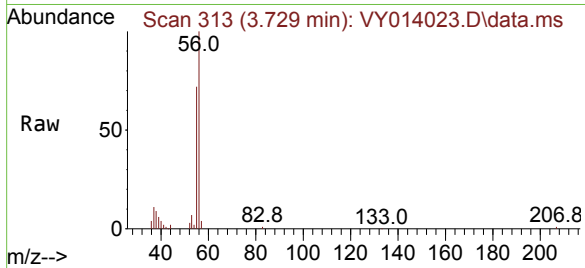




#13
Acrolein
Concen: 124.863 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

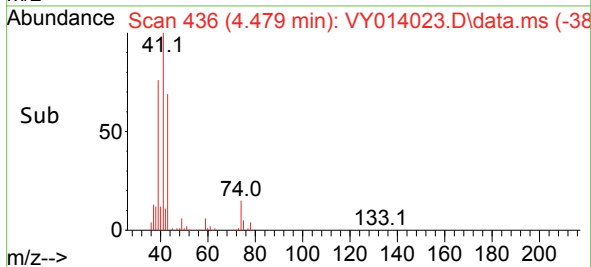
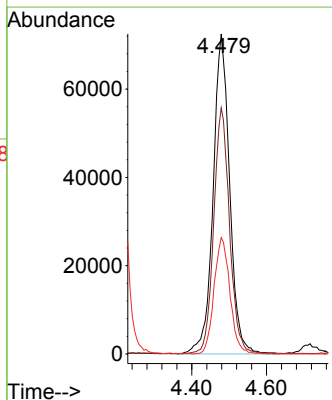
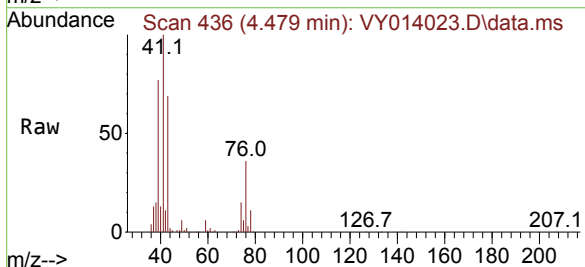
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

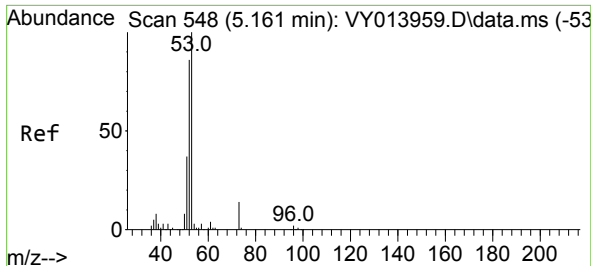
Tgt Ion: 56 Resp: 36451
Ion Ratio Lower Upper
56 100
55 74.1 57.0 85.4



#14
Allyl chloride
Concen: 51.008 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

Tgt Ion: 41 Resp: 222964
Ion Ratio Lower Upper
41 100
39 73.6 58.0 87.0
76 35.0 27.4 41.2

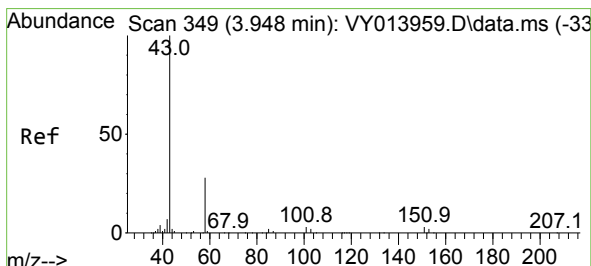
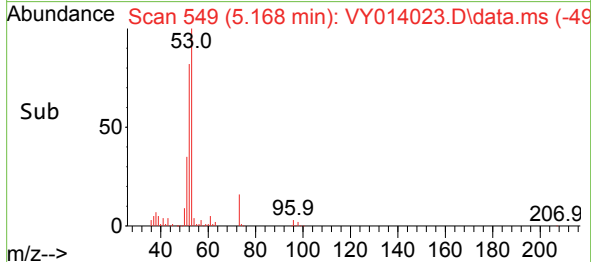
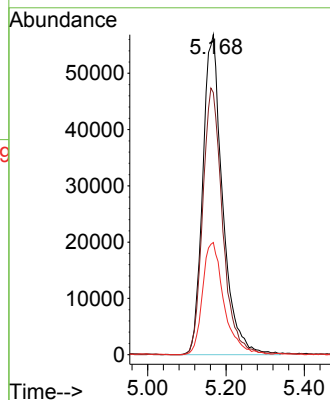
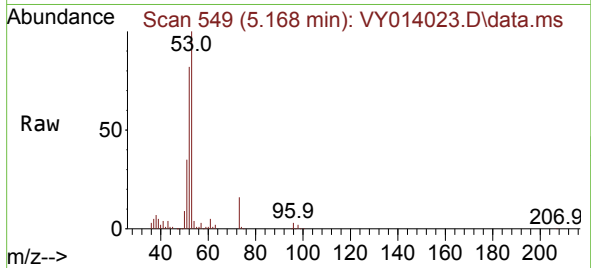




#15
Acrylonitrile
Concen: 220.284 ug/l
RT: 5.168 min Scan# 548
Delta R.T. 0.006 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

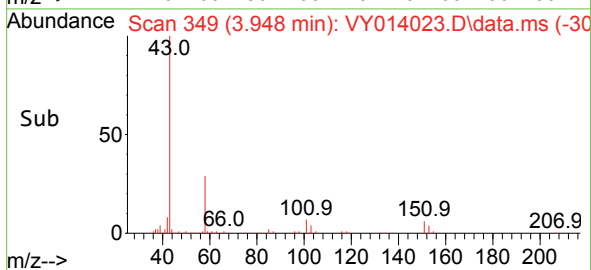
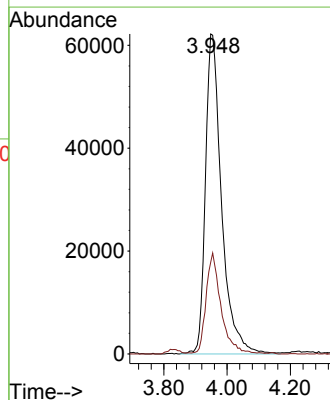
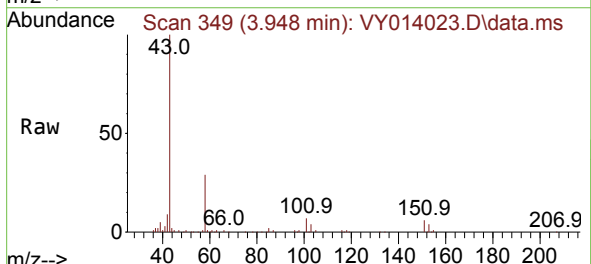
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

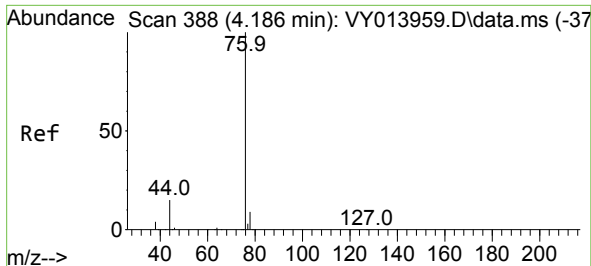
Tgt Ion: 53 Resp: 200402
Ion Ratio Lower Upper
53 100
52 83.4 66.9 100.3
51 37.8 29.8 44.6



#16
Acetone
Concen: 208.087 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

Tgt Ion: 43 Resp: 220826
Ion Ratio Lower Upper
43 100
58 28.7 22.7 34.1

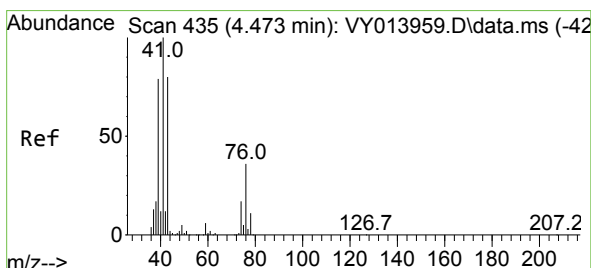
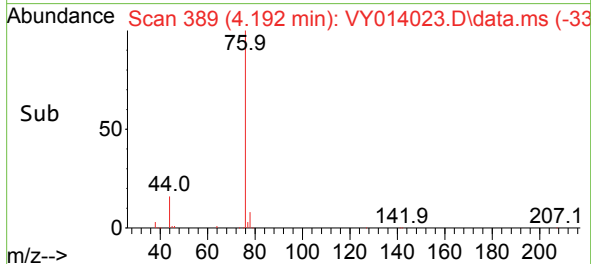
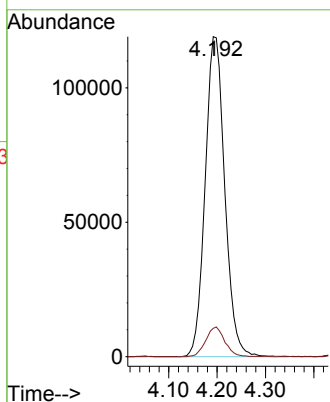
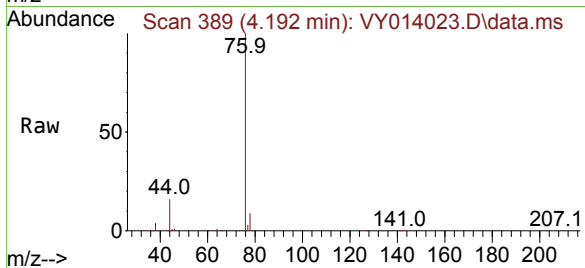




#17
Carbon Disulfide
Concen: 43.983 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

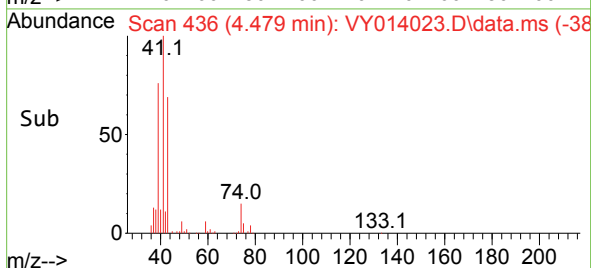
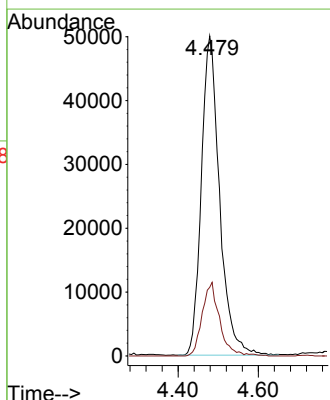
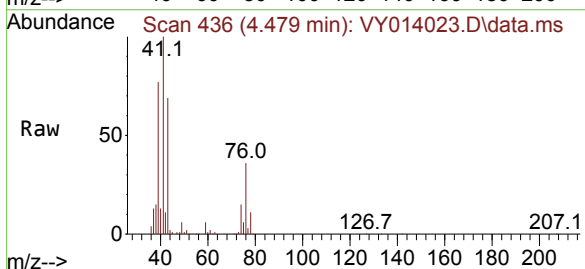
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

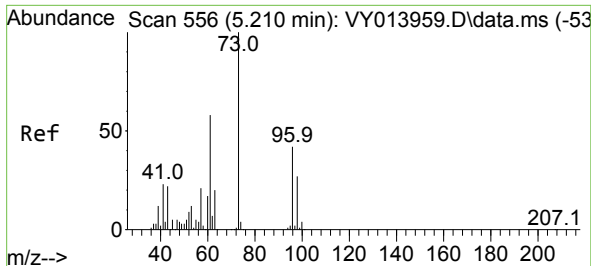
Tgt Ion: 76 Resp: 334989
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4



#18
Methyl Acetate
Concen: 41.178 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

Tgt Ion: 43 Resp: 157880
Ion Ratio Lower Upper
43 100
74 22.1 17.4 26.0

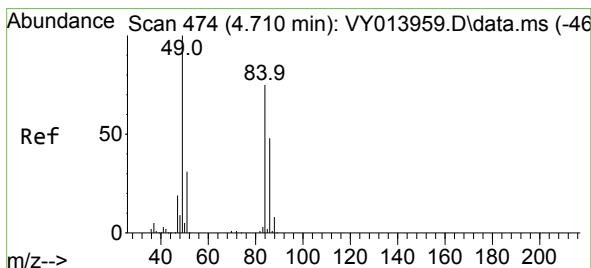
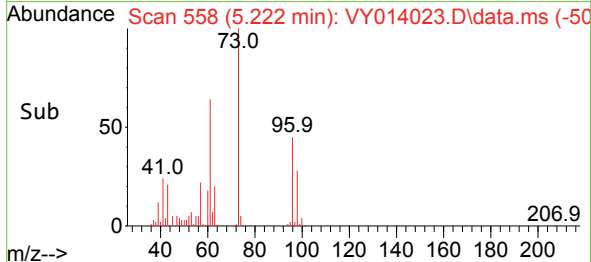
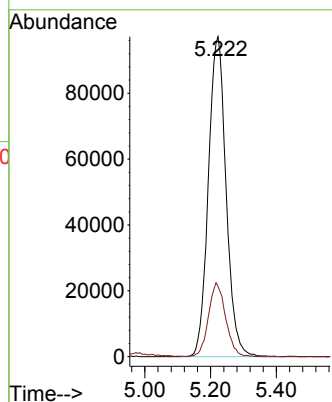
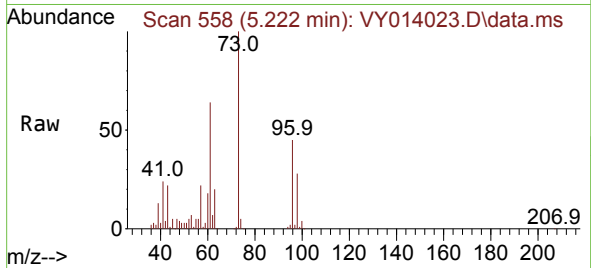




#19
Methyl tert-butyl Ether
Concen: 49.867 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

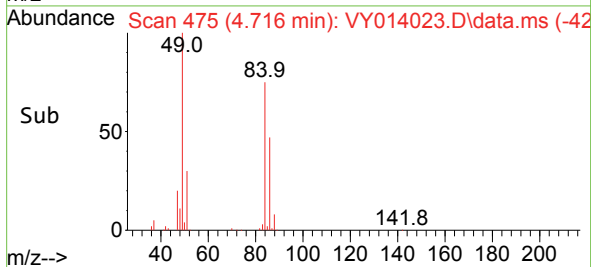
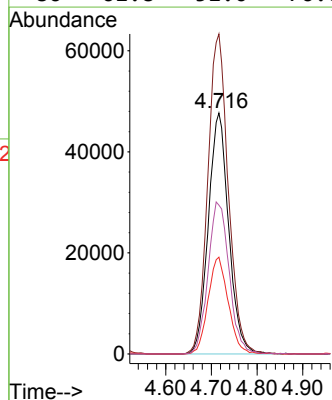
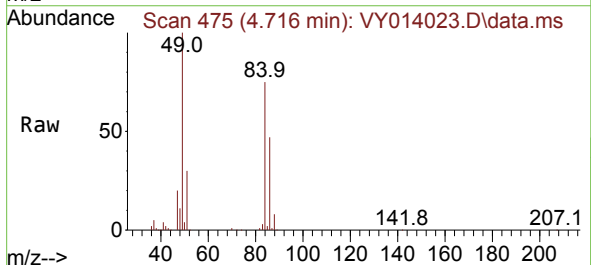
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

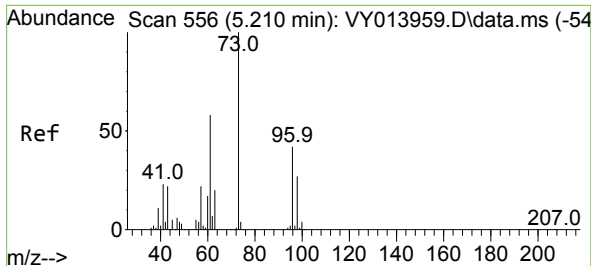
Tgt Ion: 73 Resp: 363391
Ion Ratio Lower Upper
73 100
57 22.0 17.3 25.9



#20
Methylene Chloride
Concen: 51.502 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

Tgt Ion: 84 Resp: 147489
Ion Ratio Lower Upper
84 100
49 132.8 106.9 160.3
51 40.2 33.2 49.8
86 61.8 51.0 76.6

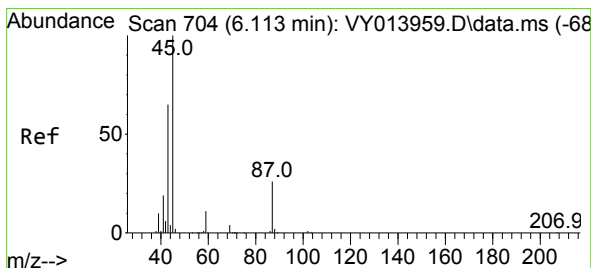
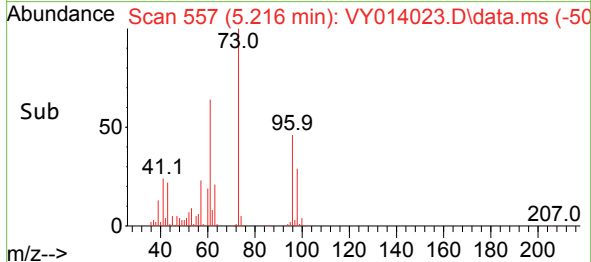
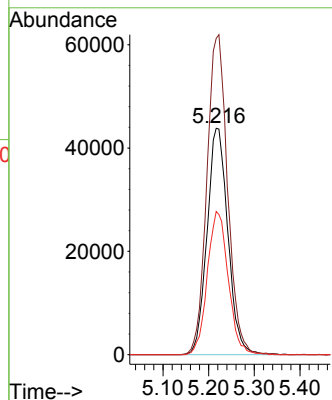
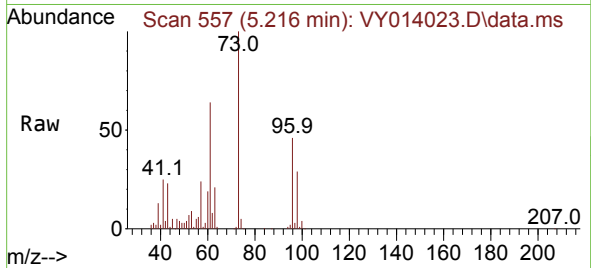




#21
trans-1,2-Dichloroethene
Concen: 54.386 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

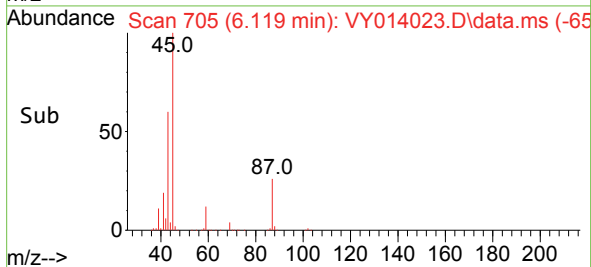
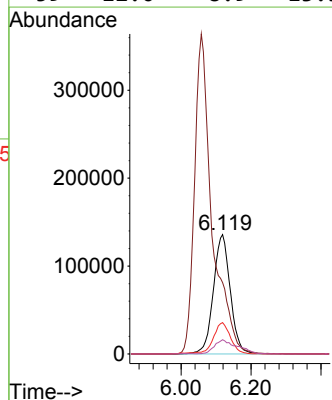
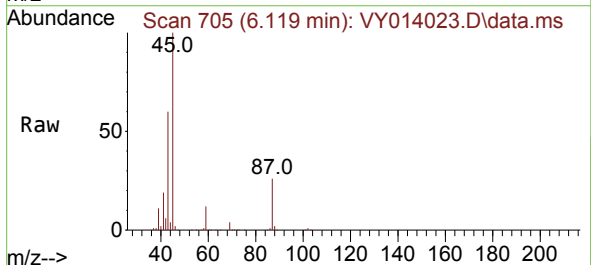
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

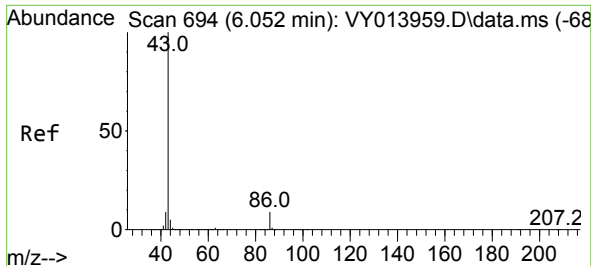
Tgt Ion: 96 Resp: 138751
Ion Ratio Lower Upper
96 100
61 139.7 110.2 165.4
98 63.2 51.8 77.6



#22
Diisopropyl ether
Concen: 53.817 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

Tgt Ion: 45 Resp: 455989
Ion Ratio Lower Upper
45 100
43 59.5 52.2 78.4
87 26.2 21.0 31.6
59 12.0 8.9 13.3

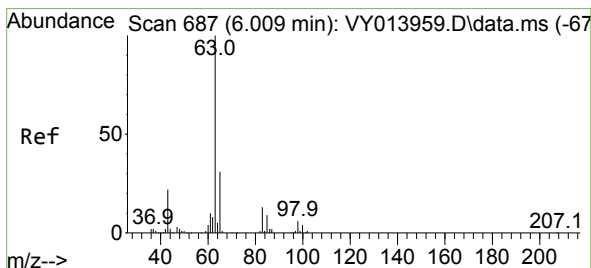
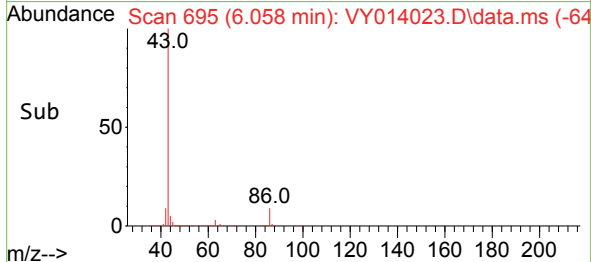
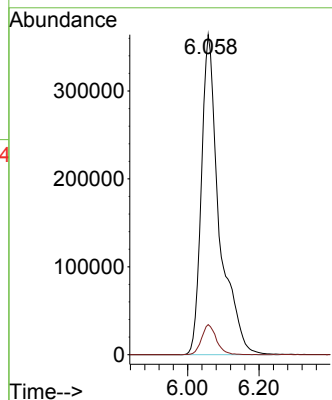
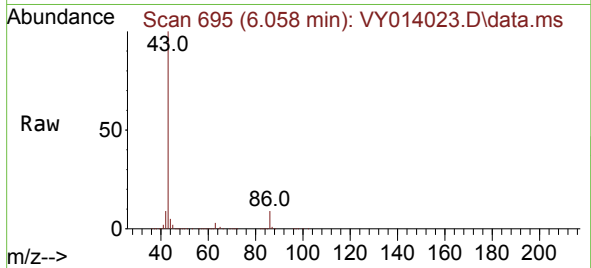




#23
 Vinyl Acetate
 Concen: 238.163 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VY014023.D
 Acq: 06 Jun 2023 11:32

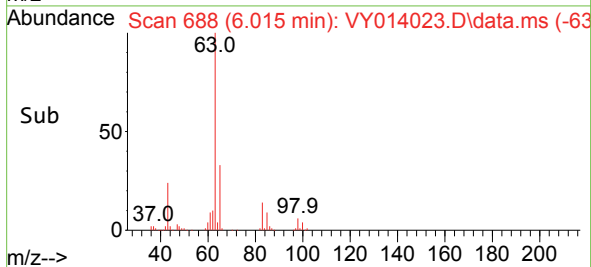
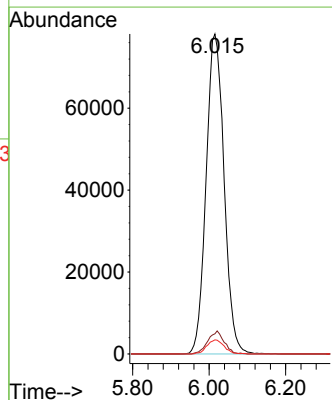
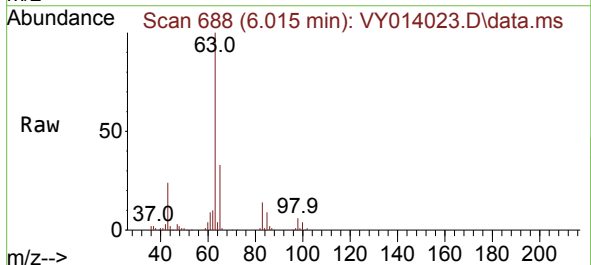
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

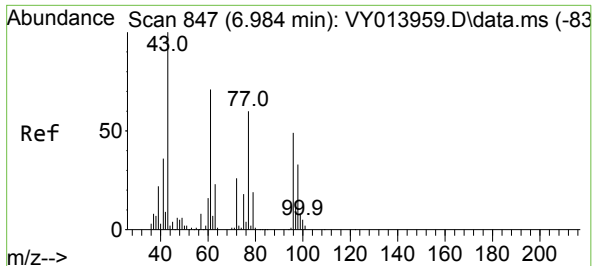
Tgt Ion: 43 Resp: 1265688
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 53.820 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY014023.D
 Acq: 06 Jun 2023 11:32

Tgt Ion: 63 Resp: 254533
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.1 9.4
 100 4.4 1.8 5.5

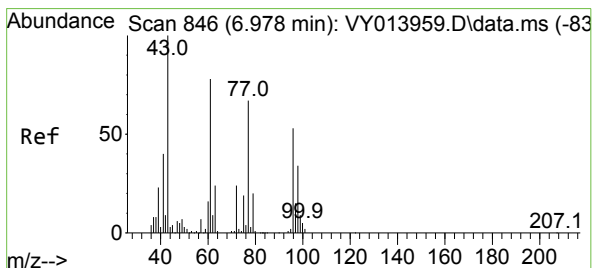
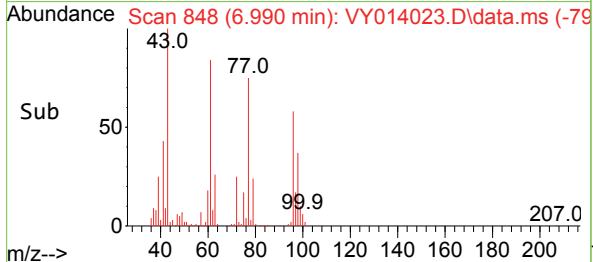
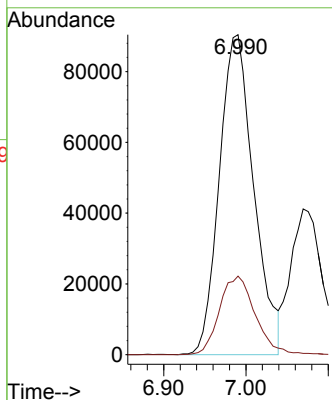
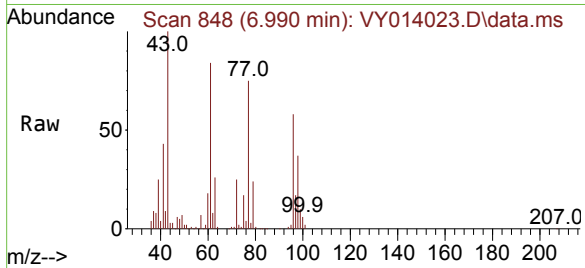




#25
2-Butanone
Concen: 199.393 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

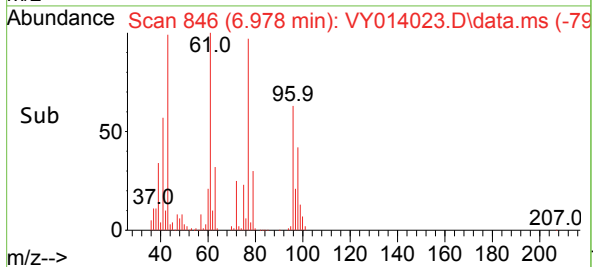
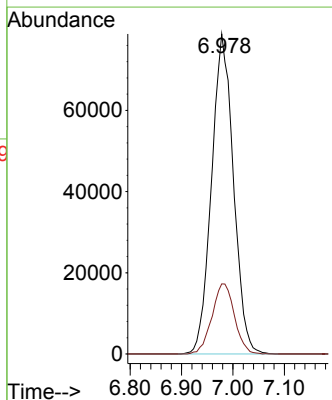
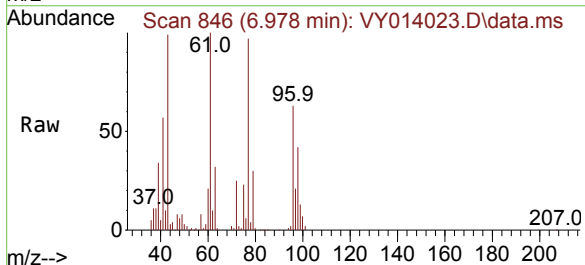
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

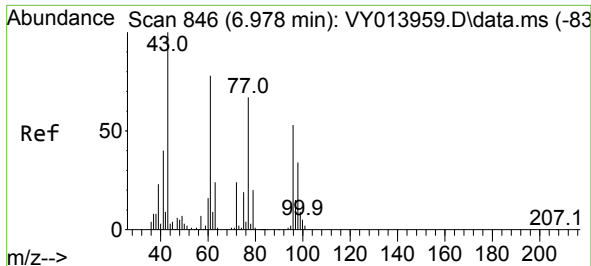
Tgt Ion: 43 Resp: 263610
Ion Ratio Lower Upper
43 100
72 24.6 20.5 30.7



#26
2,2-Dichloropropane
Concen: 54.288 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

Tgt Ion: 77 Resp: 233004
Ion Ratio Lower Upper
77 100
97 22.5 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 52.010 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY014023.D

Acq: 06 Jun 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

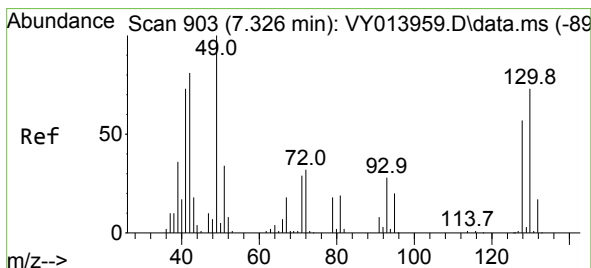
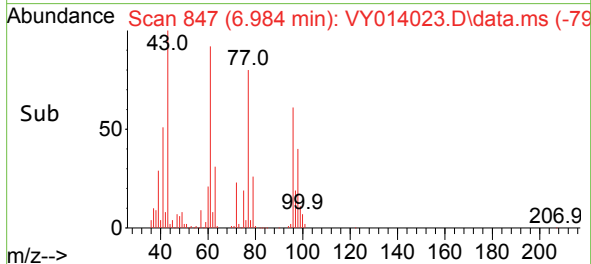
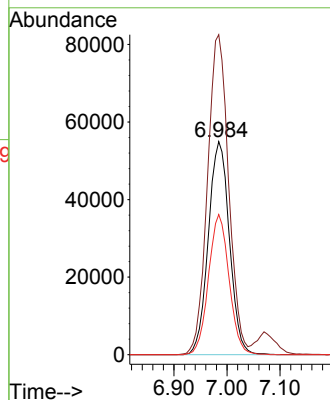
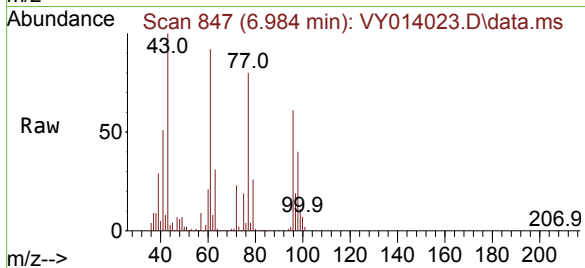
Tgt Ion: 96 Resp: 151917

Ion Ratio Lower Upper

96 100

61 150.4 0.0 301.4

98 64.1 0.0 130.4



#28

Bromochloromethane

Concen: 46.296 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.006 min

Lab File: VY014023.D

Acq: 06 Jun 2023 11:32

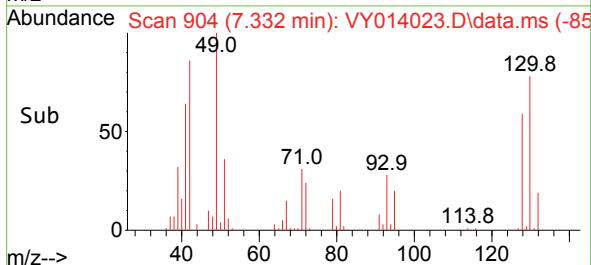
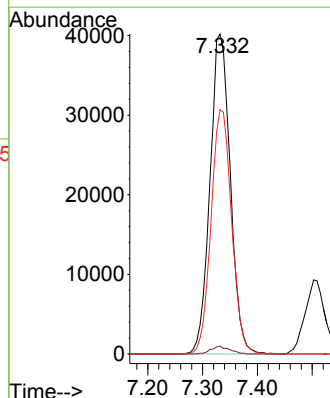
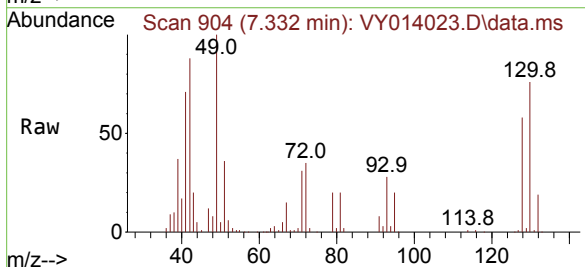
Tgt Ion: 49 Resp: 103402

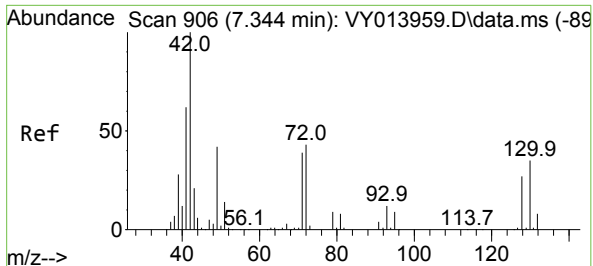
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 77.3 60.7 91.1





#29

Tetrahydrofuran

Concen: 192.358 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY014023.D

Acq: 06 Jun 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

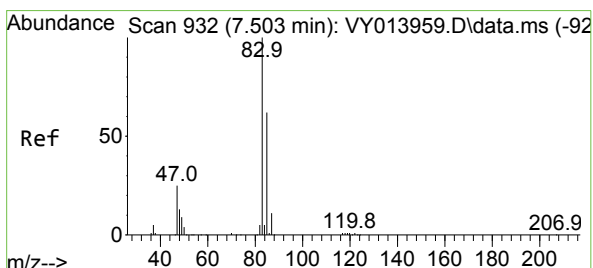
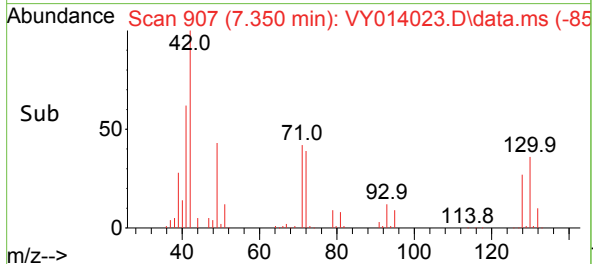
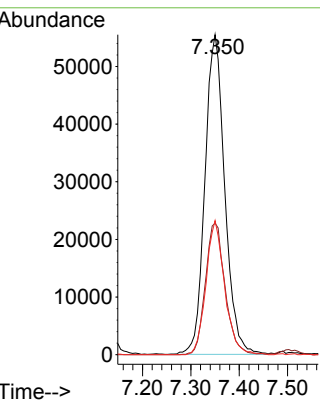
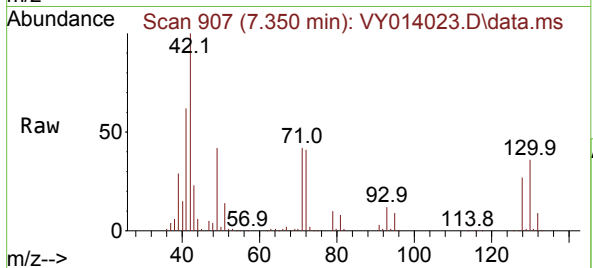
Tgt Ion: 42 Resp: 158143

Ion Ratio Lower Upper

42 100

72 40.9 32.8 49.2

71 39.4 31.0 46.4



#30

Chloroform

Concen: 54.663 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.000 min

Lab File: VY014023.D

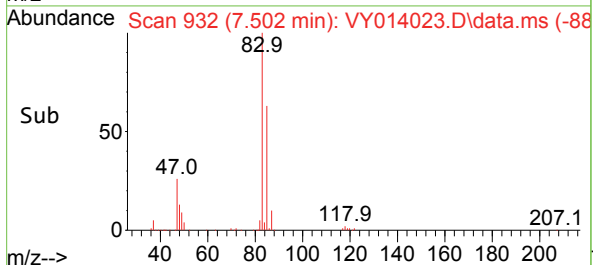
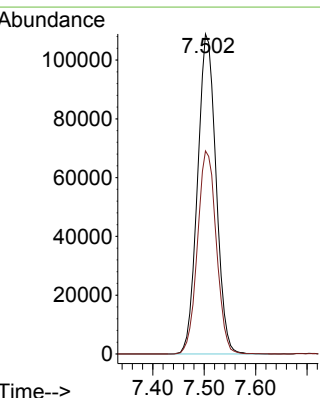
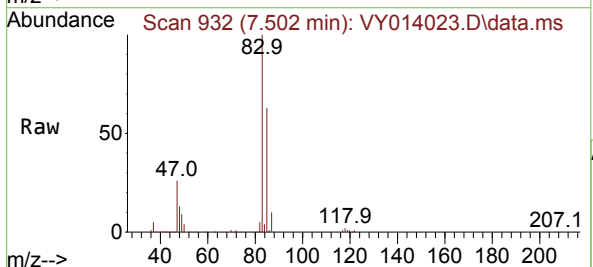
Acq: 06 Jun 2023 11:32

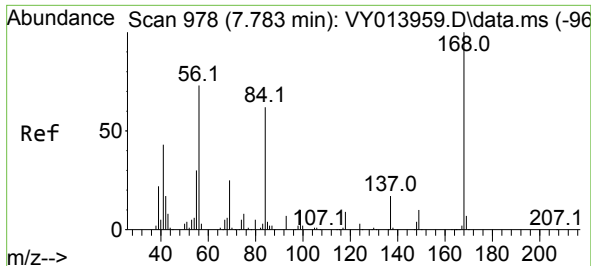
Tgt Ion: 83 Resp: 271431

Ion Ratio Lower Upper

83 100

85 63.5 49.7 74.5

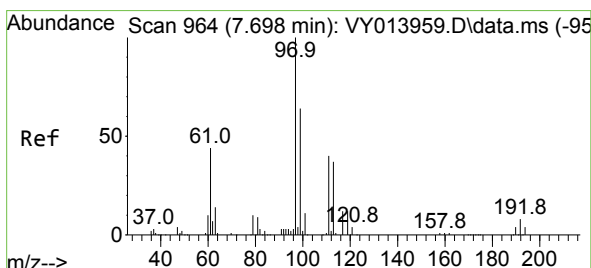
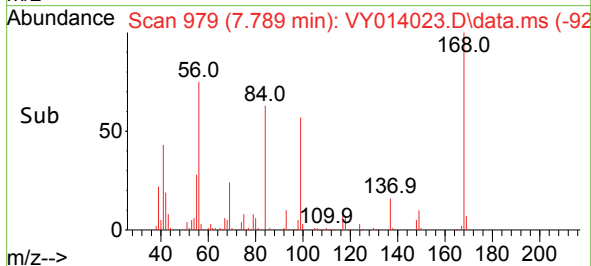
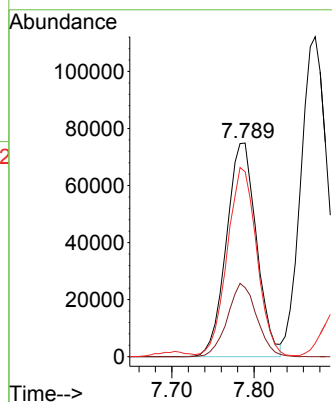
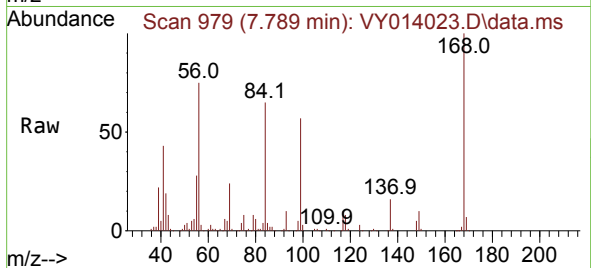




#31
Cyclohexane
Concen: 51.122 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

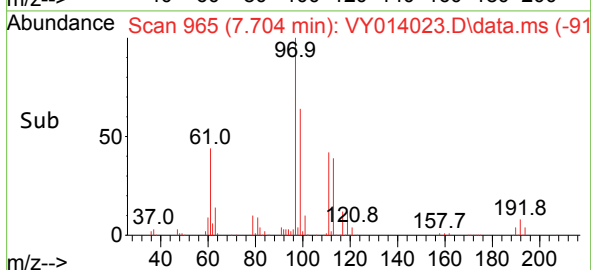
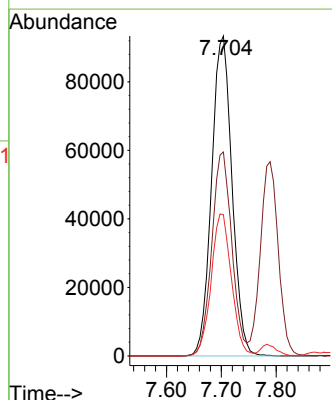
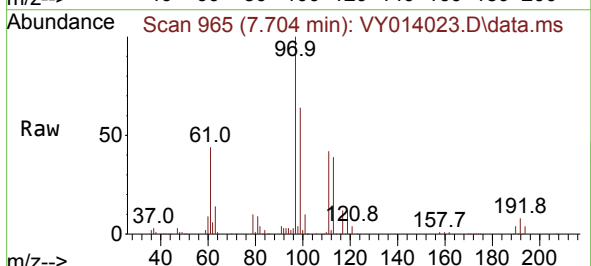
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

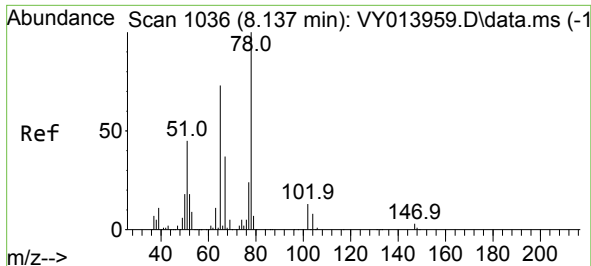
Tgt Ion: 56 Resp: 190941
Ion Ratio Lower Upper
56 100
69 32.3 27.8 41.6
84 84.5 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 57.314 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

Tgt Ion: 97 Resp: 241402
Ion Ratio Lower Upper
97 100
99 62.8 50.8 76.2
61 44.1 35.1 52.7

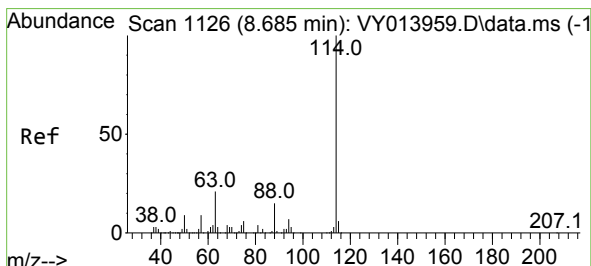
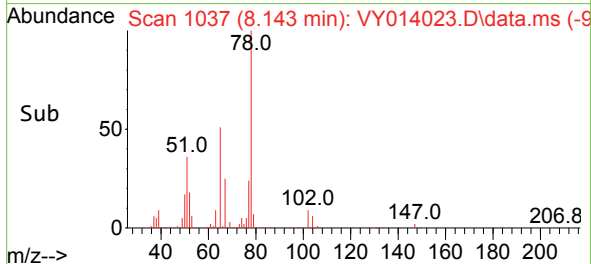
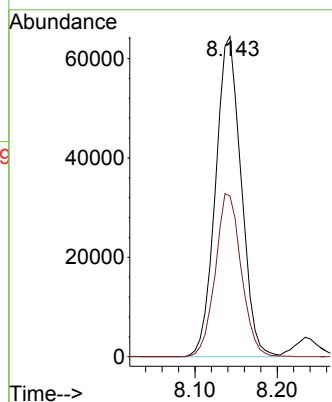
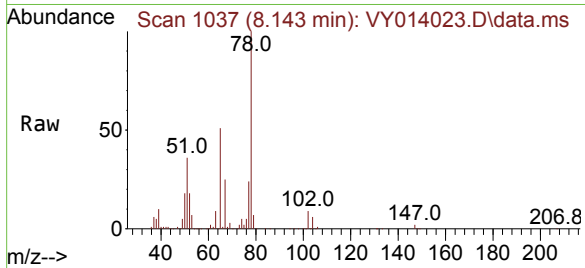




#33
1,2-Dichloroethane-d4
Concen: 44.944 ug/l
RT: 8.143 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

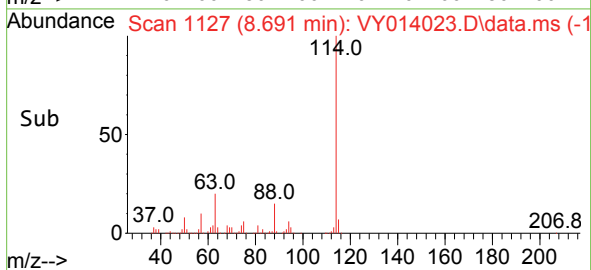
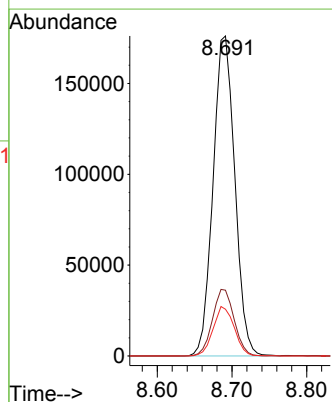
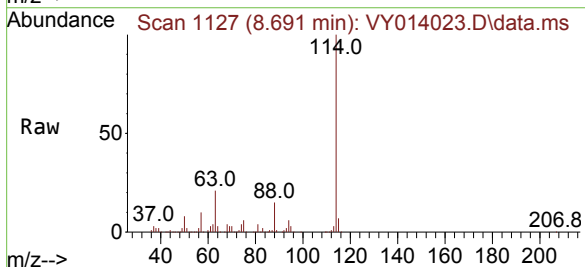
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

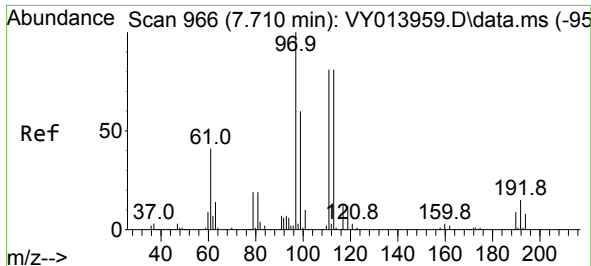
Tgt Ion: 65 Resp: 139405
Ion Ratio Lower Upper
65 100
67 51.6 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

Tgt Ion: 114 Resp: 356097
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.4
88 14.6 0.0 30.6

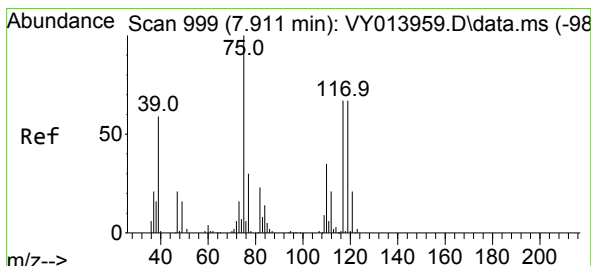
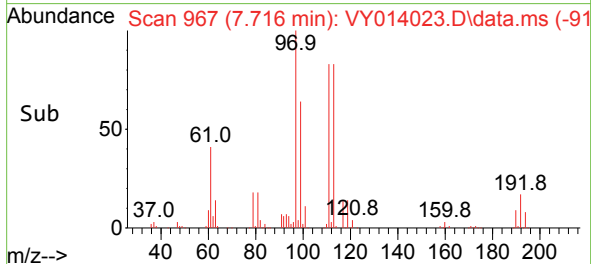
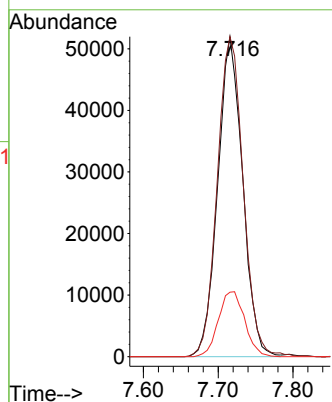
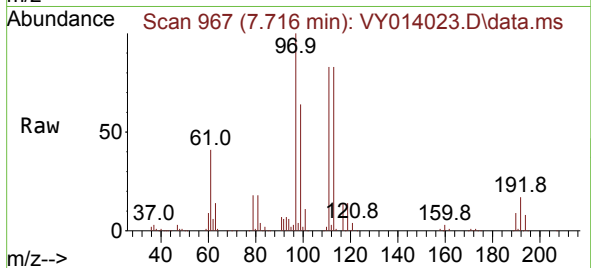




#35
Dibromofluoromethane
Concen: 53.065 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

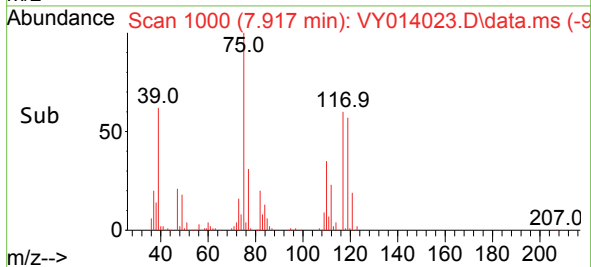
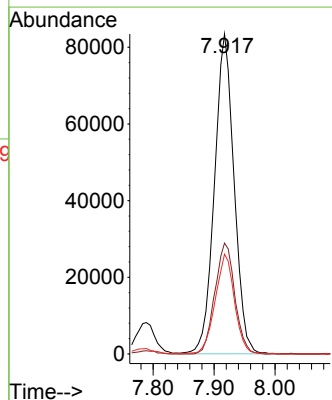
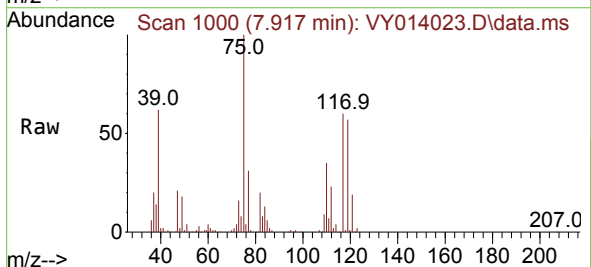
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

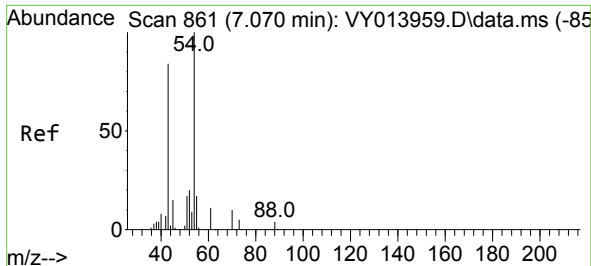
Tgt Ion:113 Resp: 120089
Ion Ratio Lower Upper
113 100
111 104.5 81.3 121.9
192 21.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 57.847 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

Tgt Ion: 75 Resp: 186507
Ion Ratio Lower Upper
75 100
110 35.2 17.8 53.5
77 30.8 24.4 36.6





#37

Ethyl Acetate

Concen: 40.741 ug/l

RT: 7.070 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY014023.D

Acq: 06 Jun 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

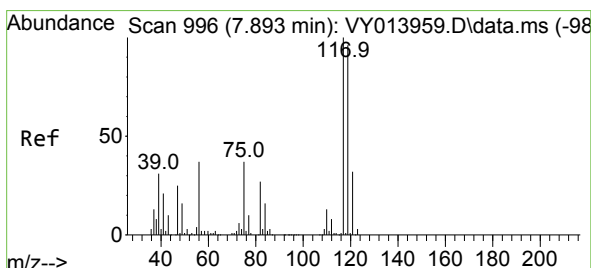
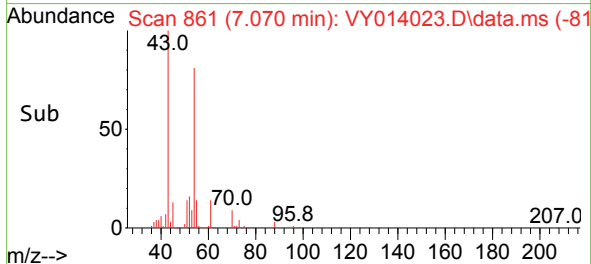
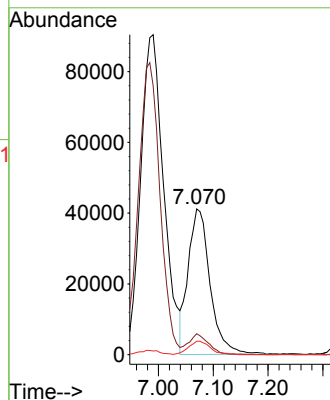
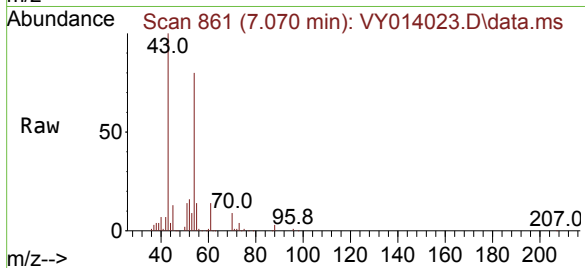
Tgt Ion: 43 Resp: 114521

Ion Ratio Lower Upper

43 100

61 12.7 10.1 15.1

70 9.2 7.1 10.7



#38

Carbon Tetrachloride

Concen: 60.253 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.006 min

Lab File: VY014023.D

Acq: 06 Jun 2023 11:32

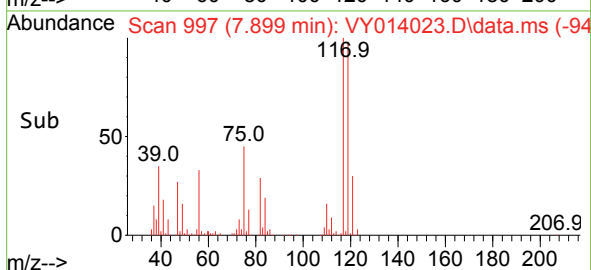
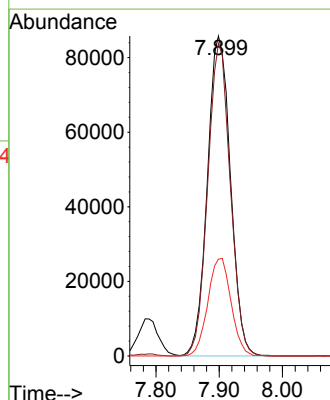
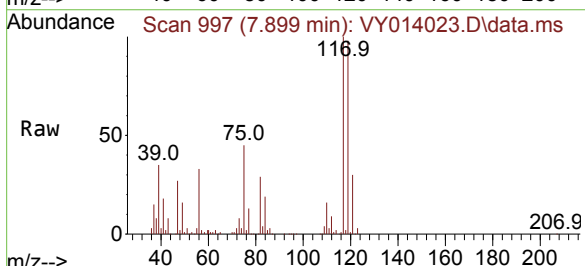
Tgt Ion: 117 Resp: 217686

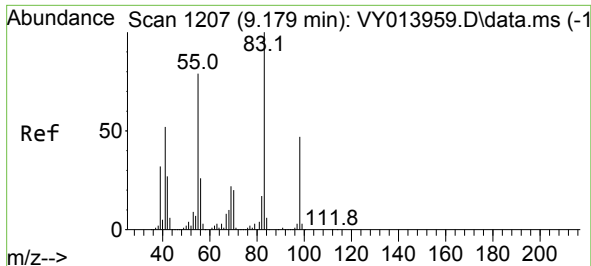
Ion Ratio Lower Upper

117 100

119 97.7 76.4 114.6

121 30.3 25.8 38.6





#39

Methylcyclohexane

Concen: 59.385 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY014023.D

Acq: 06 Jun 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

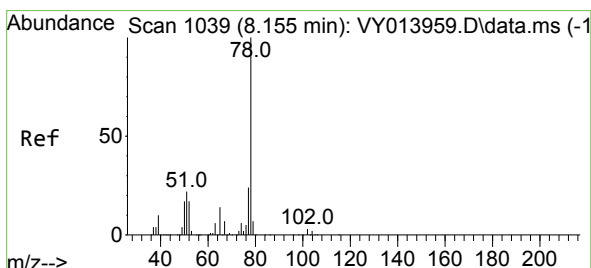
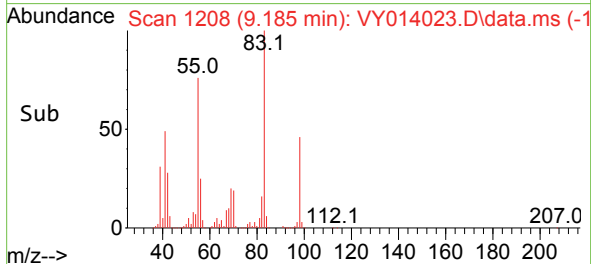
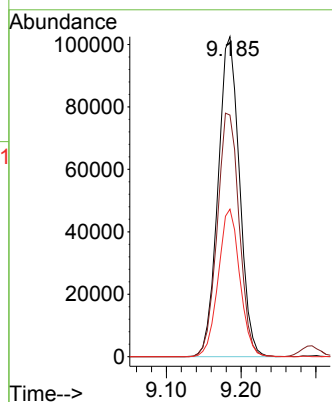
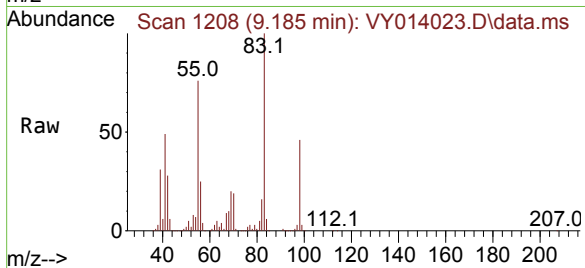
Tgt Ion: 83 Resp: 204401

Ion Ratio Lower Upper

83 100

55 75.5 63.0 94.4

98 46.1 37.4 56.2



#40

Benzene

Concen: 55.279 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY014023.D

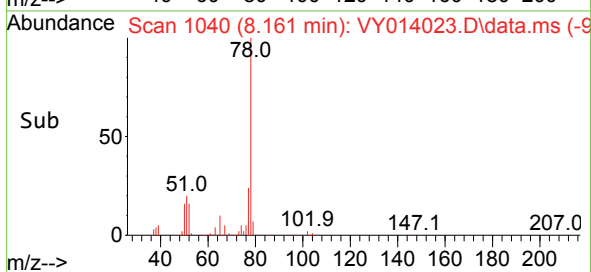
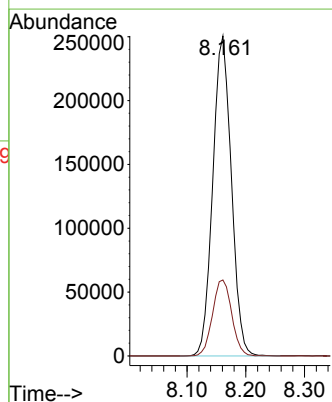
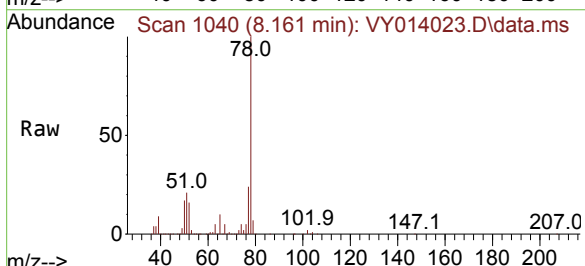
Acq: 06 Jun 2023 11:32

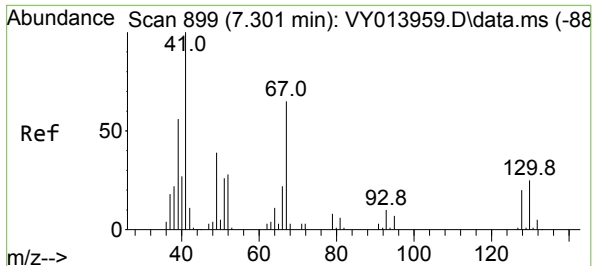
Tgt Ion: 78 Resp: 549793

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.6

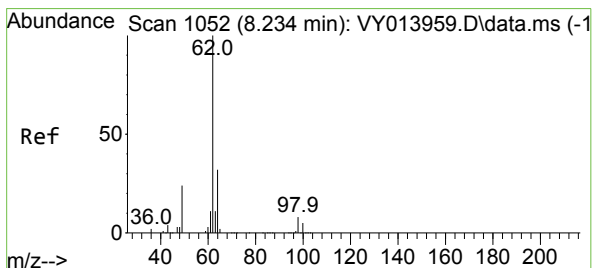
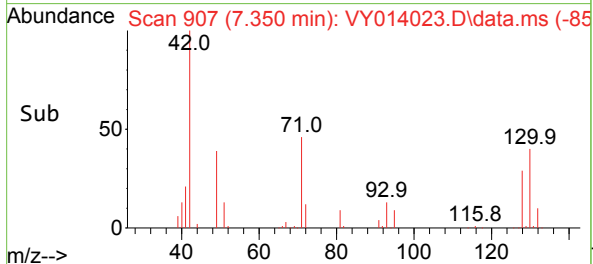
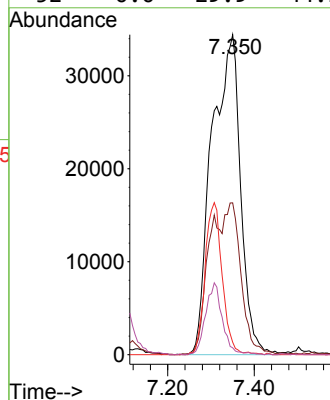
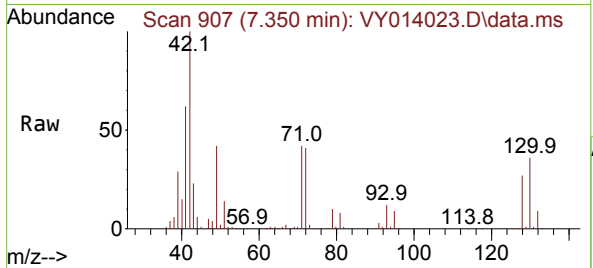




#41
Methacrylonitrile
Concen: 121.722 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.049 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

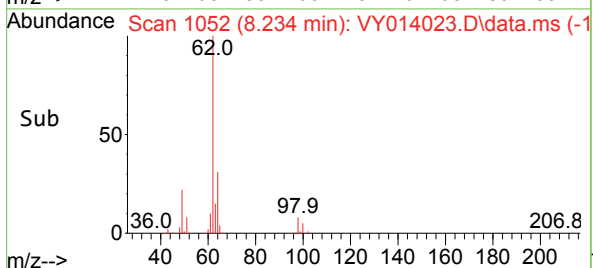
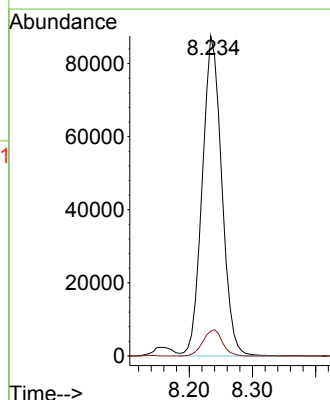
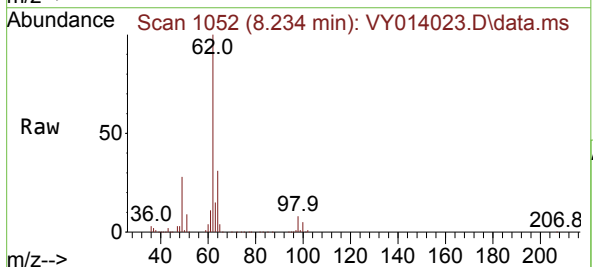
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

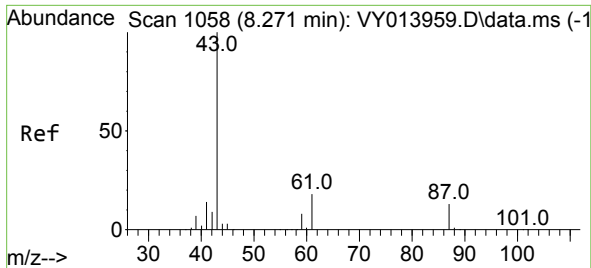
Tgt Ion: 41 Resp: 158141
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 51.526 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

Tgt Ion: 62 Resp: 187915
Ion Ratio Lower Upper
62 100
98 8.1 0.0 15.8

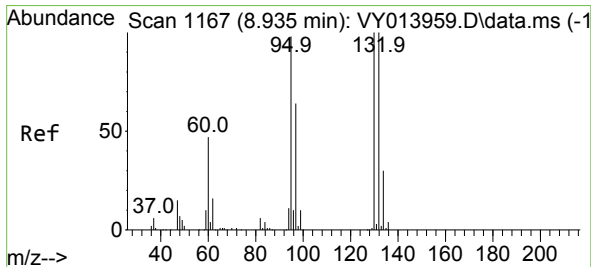
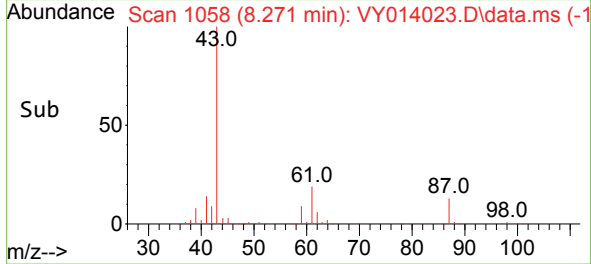
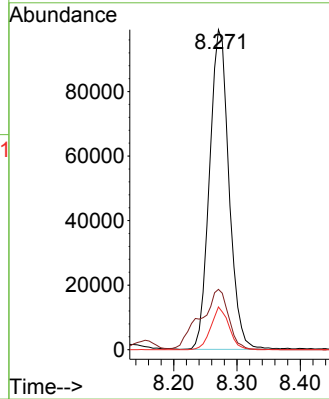
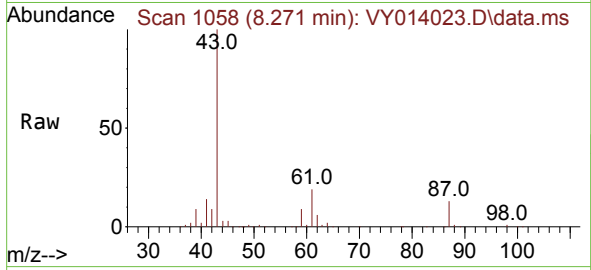




#43
Isopropyl Acetate
Concen: 44.756 ug/l
RT: 8.271 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

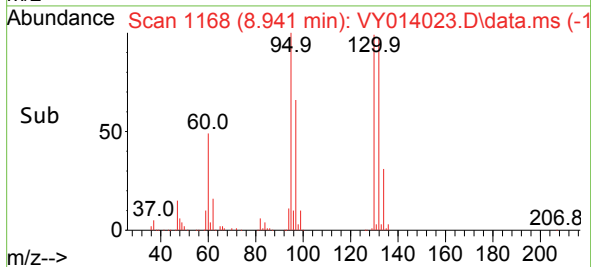
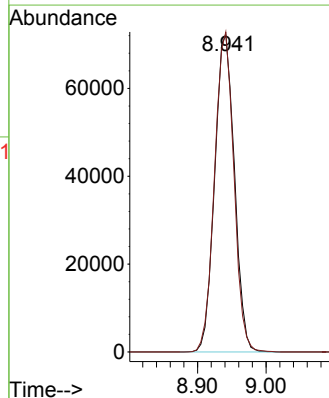
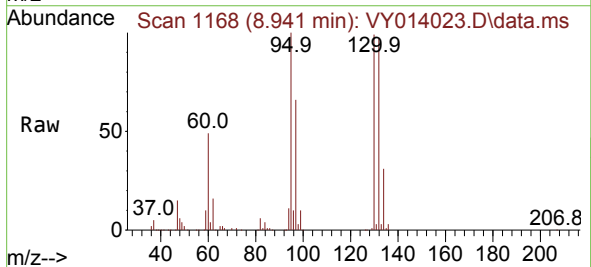
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

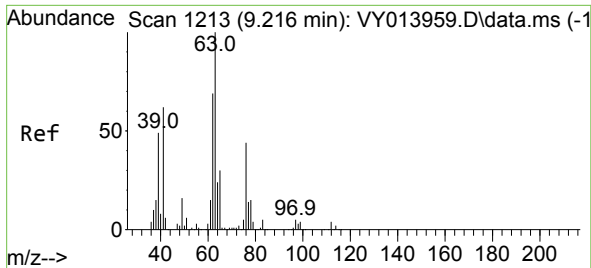
Tgt Ion: 43 Resp: 211836
Ion Ratio Lower Upper
43 100
61 27.4 21.1 31.7
87 12.4 9.8 14.8



#44
Trichloroethene
Concen: 55.414 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

Tgt Ion:130 Resp: 144327
Ion Ratio Lower Upper
130 100
95 100.9 0.0 196.0

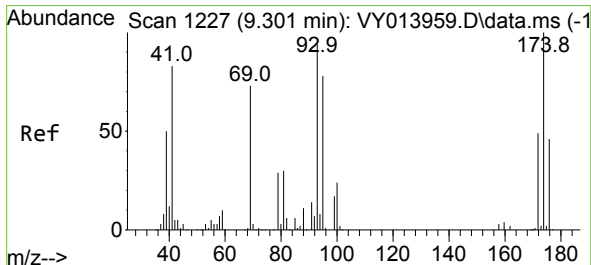
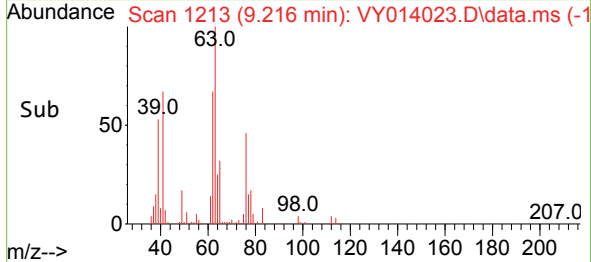
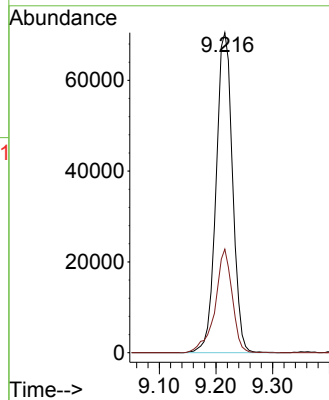
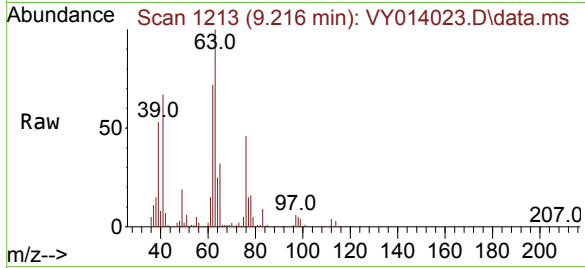




#45
1,2-Dichloropropane
Concen: 55.259 ug/l
RT: 9.216 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

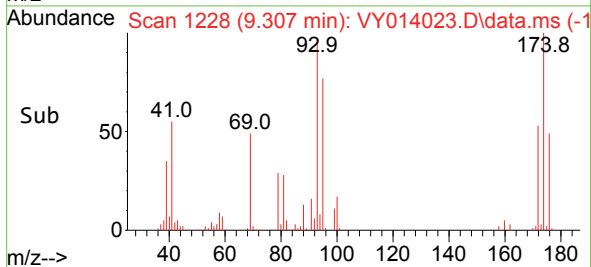
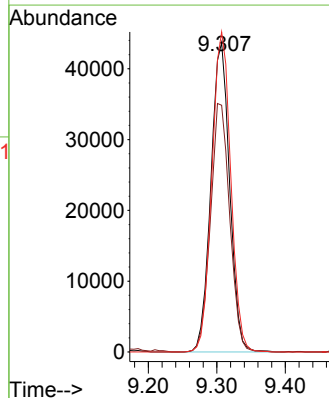
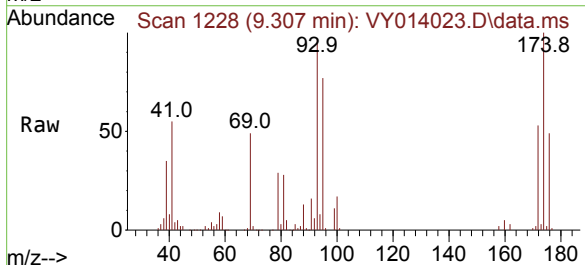
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

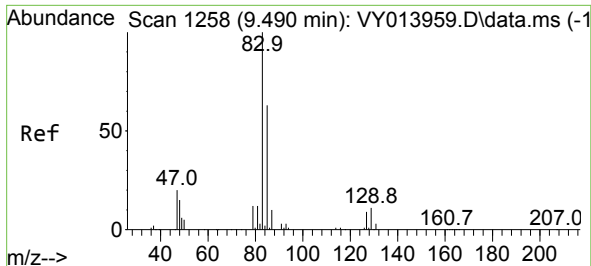
Tgt Ion: 63 Resp: 141830
Ion Ratio Lower Upper
63 100
65 32.3 23.8 35.6



#46
Dibromomethane
Concen: 50.464 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

Tgt Ion: 93 Resp: 82921
Ion Ratio Lower Upper
93 100
95 82.5 66.6 100.0
174 104.3 84.8 127.2

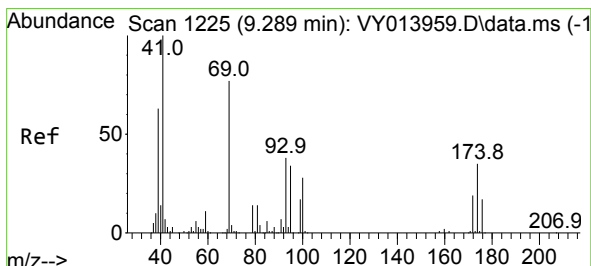
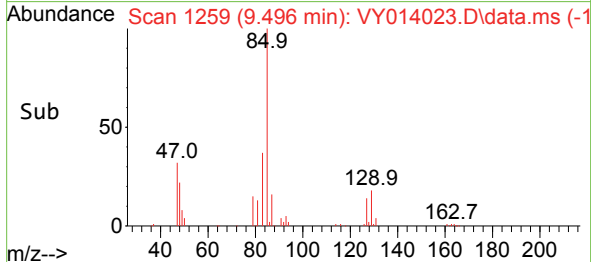
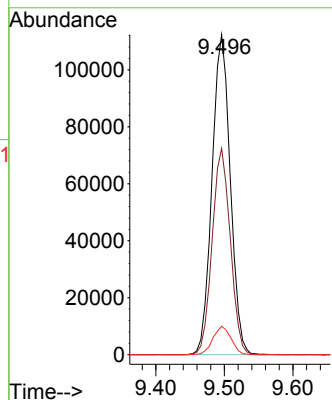
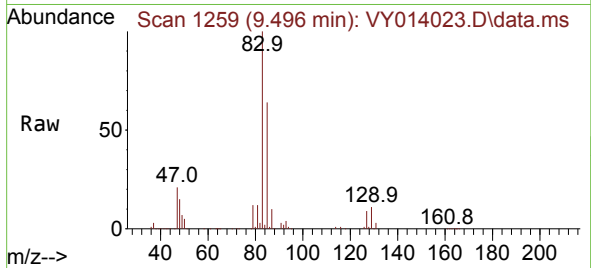




#47
Bromodichloromethane
Concen: 56.087 ug/l
RT: 9.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

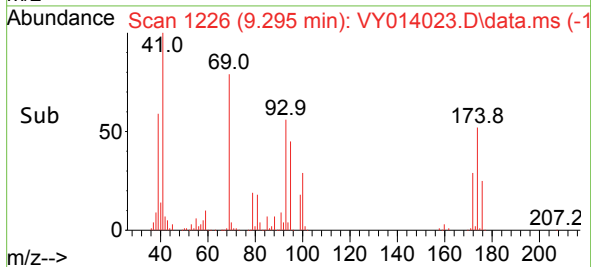
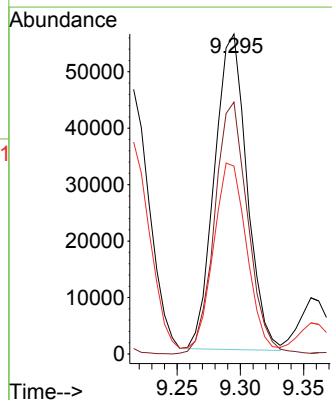
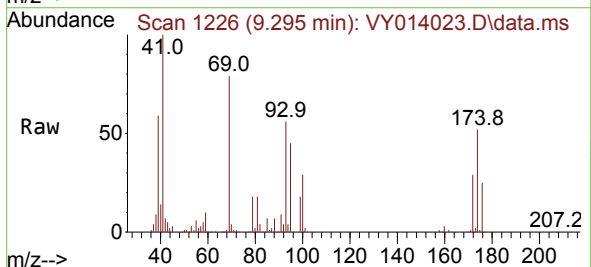
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

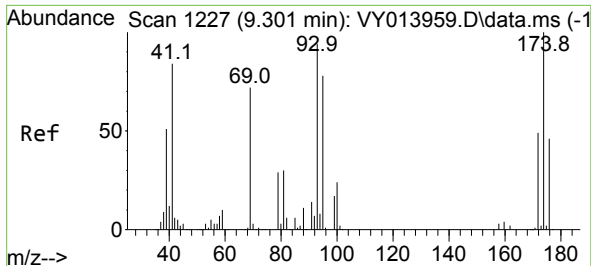
Tgt Ion: 83 Resp: 207610
Ion Ratio Lower Upper
83 100
85 64.4 50.1 75.1
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 46.339 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

Tgt Ion: 41 Resp: 99829
Ion Ratio Lower Upper
41 100
69 81.5 64.5 96.7
39 62.6 50.8 76.2

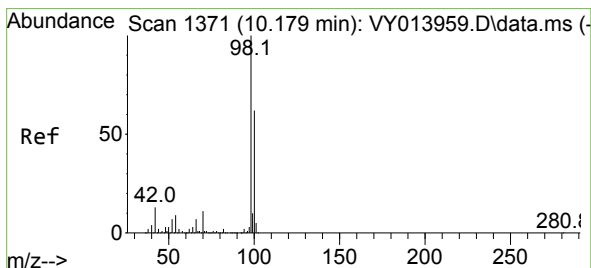
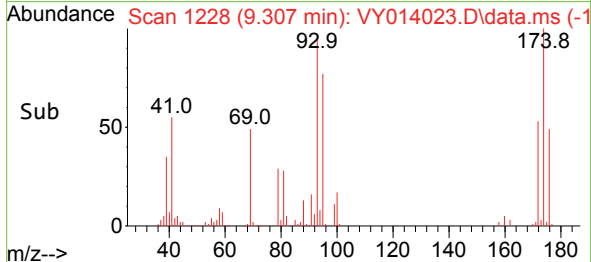
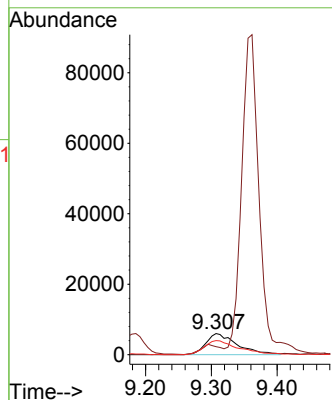
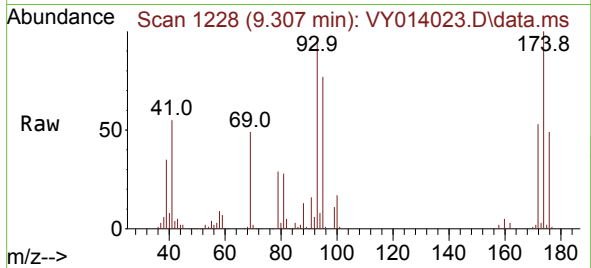




#49
1,4-Dioxane
Concen: 830.608 ug/l
RT: 9.307 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

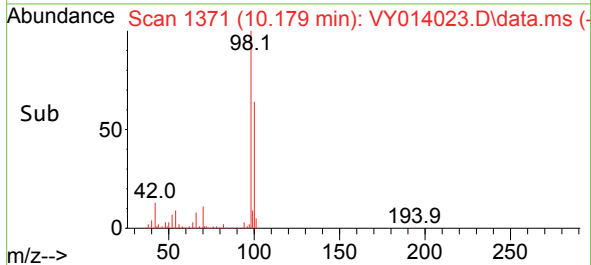
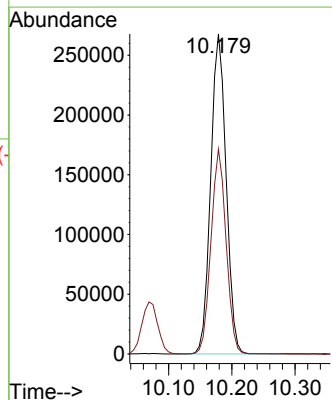
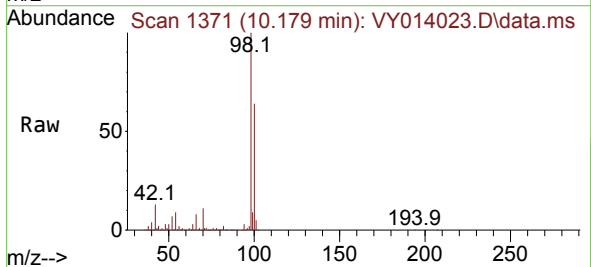
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

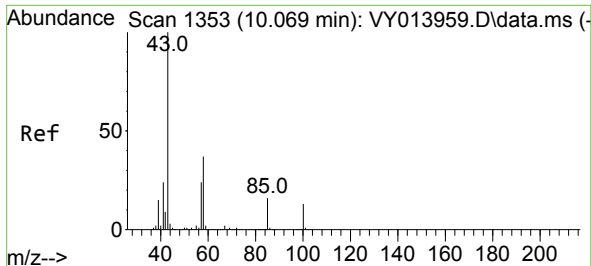
Tgt Ion: 88 Resp: 19848
Ion Ratio Lower Upper
88 100
43 29.1 0.0 0.0#
58 74.2 30.9 46.3#



#50
Toluene-d8
Concen: 52.522 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

Tgt Ion: 98 Resp: 453379
Ion Ratio Lower Upper
98 100
100 62.7 50.1 75.1

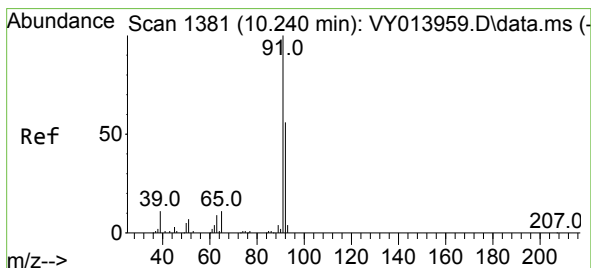
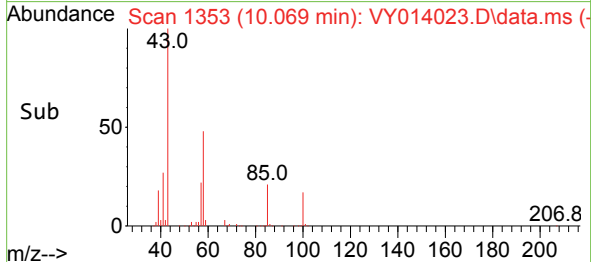
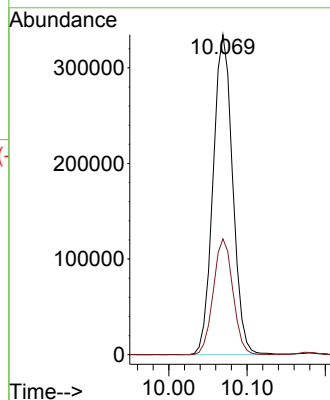
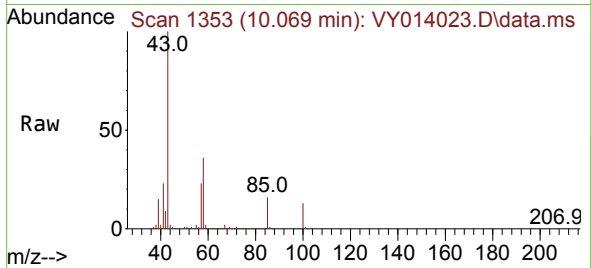




#51
4-Methyl-2-Pentanone
Concen: 217.451 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

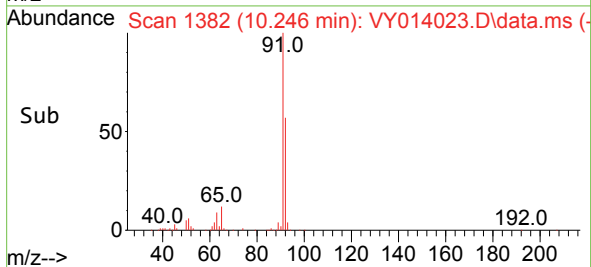
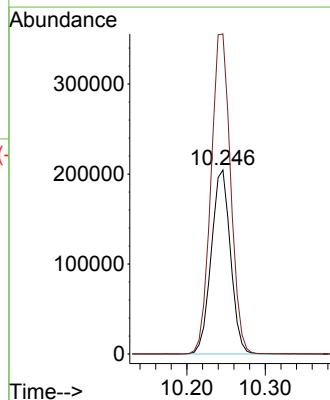
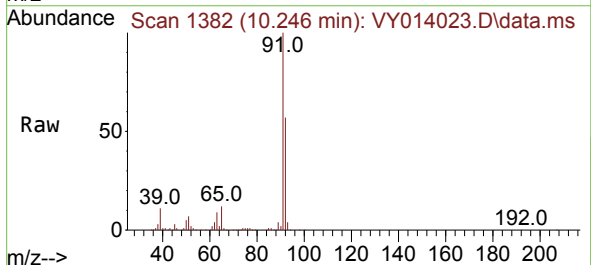
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

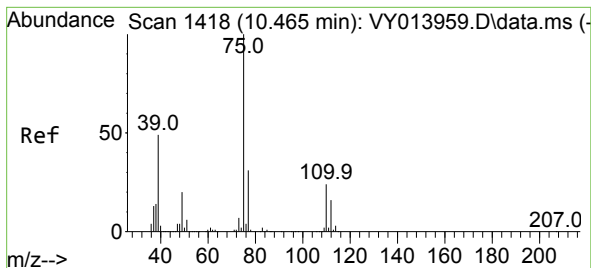
Tgt Ion: 43 Resp: 581336
Ion Ratio Lower Upper
43 100
58 36.3 29.0 43.6



#52
Toluene
Concen: 57.207 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

Tgt Ion: 92 Resp: 348553
Ion Ratio Lower Upper
92 100
91 177.8 143.8 215.6

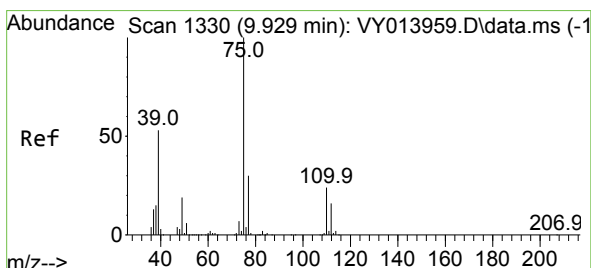
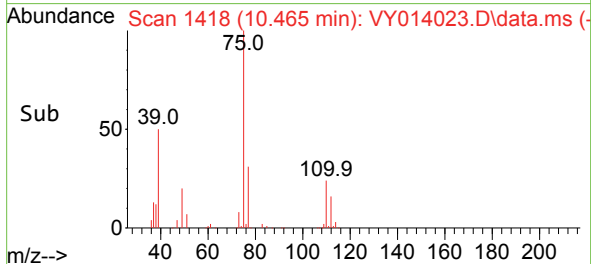
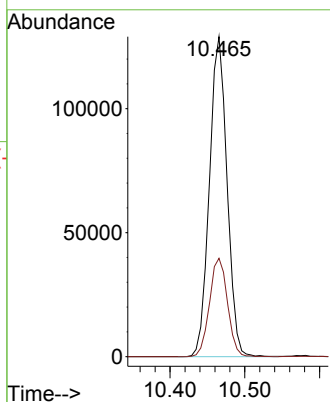
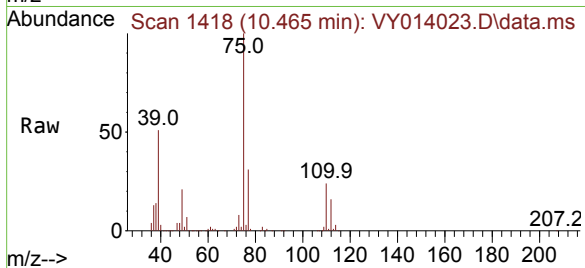




#53
t-1,3-Dichloropropene
Concen: 53.368 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

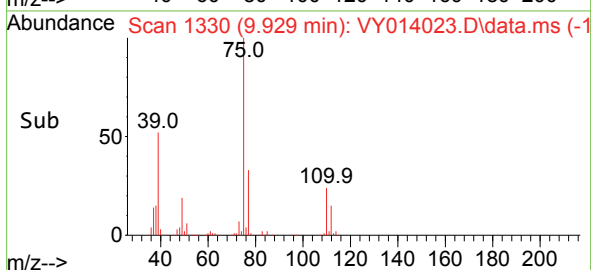
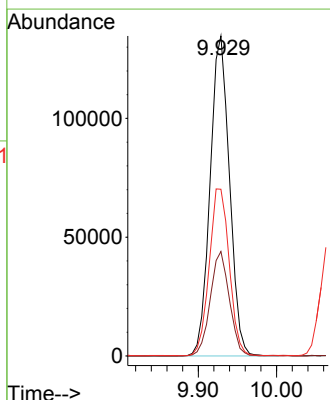
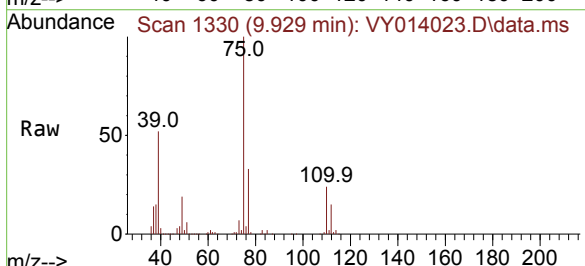
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

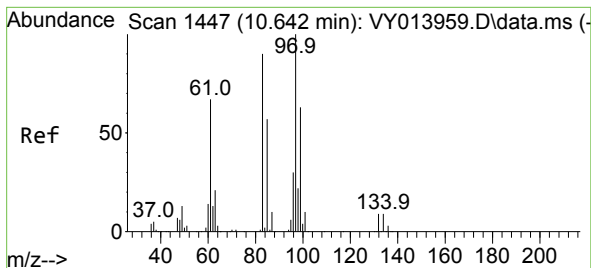
Tgt Ion: 75 Resp: 212198
Ion Ratio Lower Upper
75 100
77 30.8 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 54.516 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

Tgt Ion: 75 Resp: 231428
Ion Ratio Lower Upper
75 100
77 32.6 24.2 36.4
39 52.0 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 52.912 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY014023.D

Acq: 06 Jun 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 114621

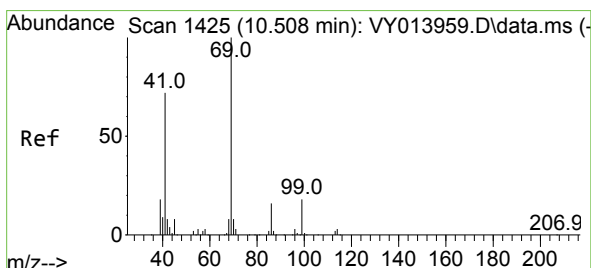
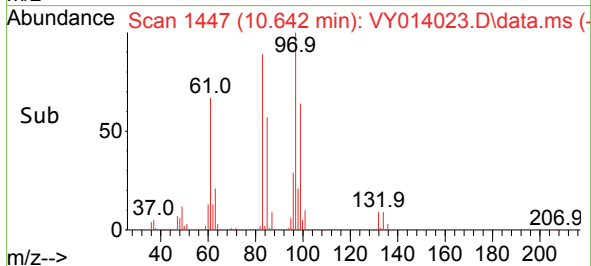
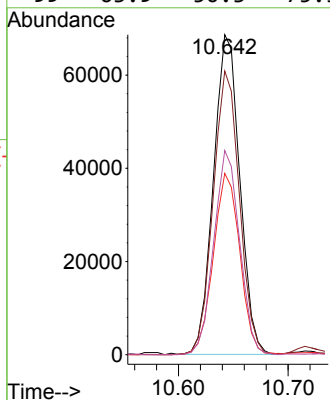
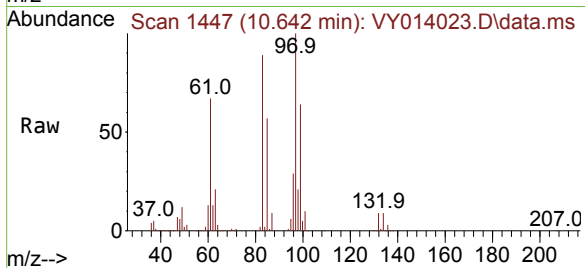
Ion Ratio Lower Upper

97 100

83 88.6 72.0 108.0

85 56.6 45.4 68.0

99 63.9 50.3 75.5



#56

Ethyl methacrylate

Concen: 49.796 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY014023.D

Acq: 06 Jun 2023 11:32

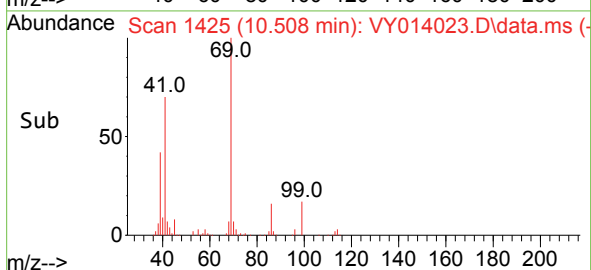
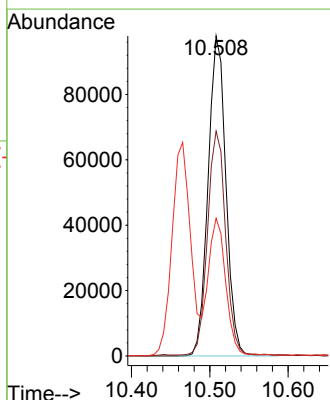
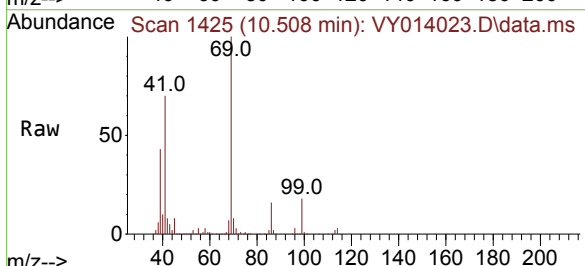
Tgt Ion: 69 Resp: 154881

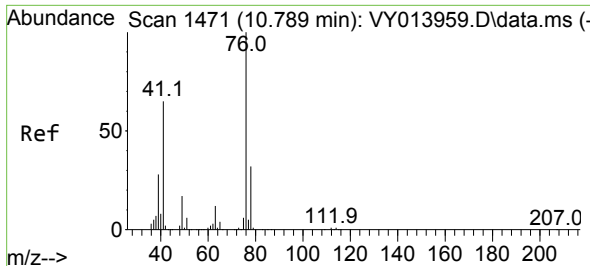
Ion Ratio Lower Upper

69 100

41 70.5 57.6 86.4

39 41.1 34.1 51.1

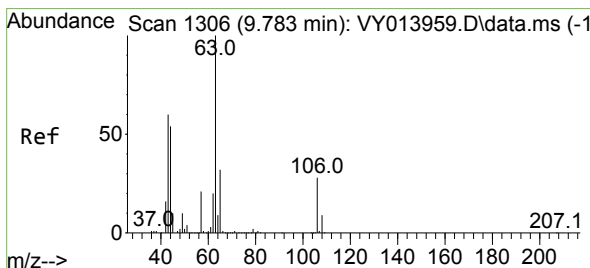
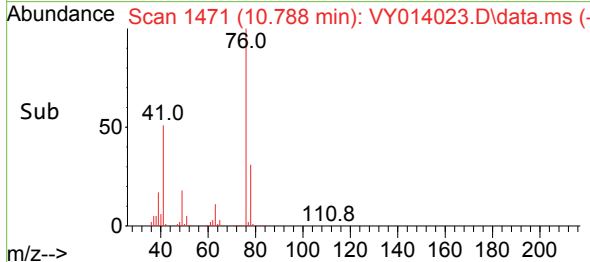
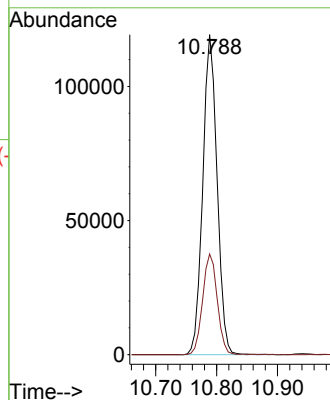
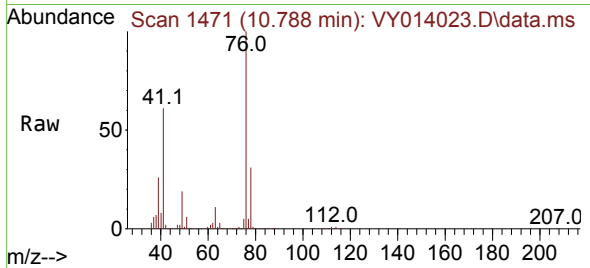




#57
1,3-Dichloropropane
Concen: 52.576 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

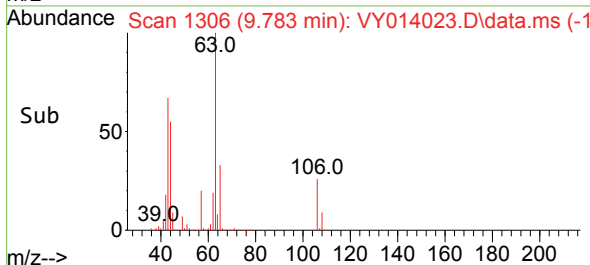
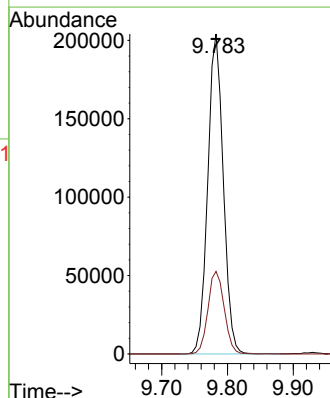
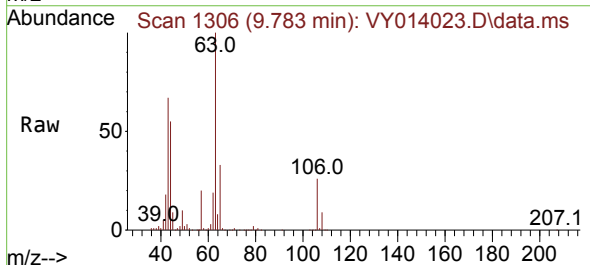
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

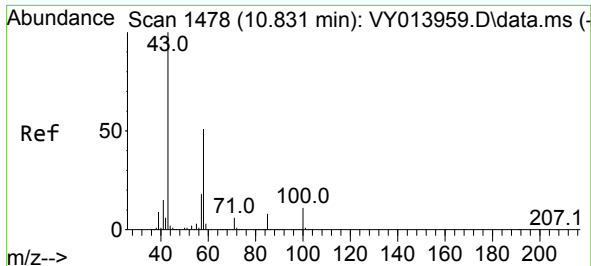
Tgt Ion: 76 Resp: 194612
Ion Ratio Lower Upper
76 100
78 32.2 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 221.700 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

Tgt Ion: 63 Resp: 334868
Ion Ratio Lower Upper
63 100
106 27.0 21.2 31.8





#59

2-Hexanone

Concen: 218.910 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. -0.000 min

Lab File: VY014023.D

Acq: 06 Jun 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

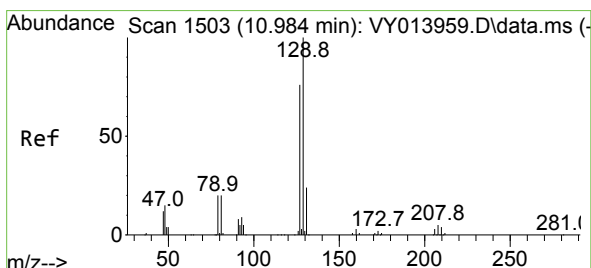
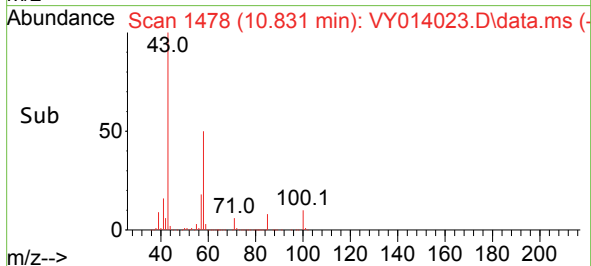
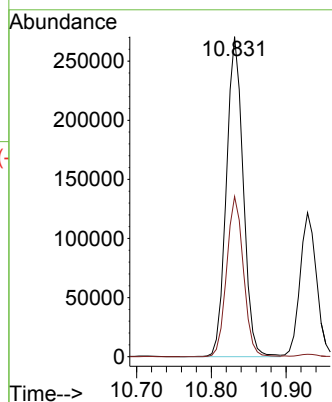
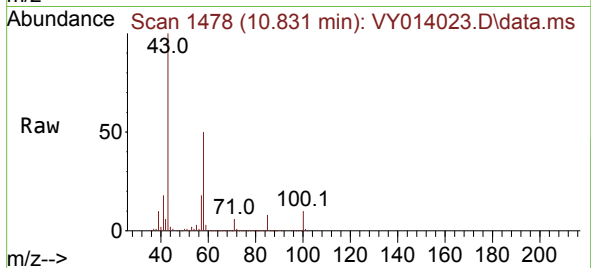
VSTDCCC050

Tgt Ion: 43 Resp: 423772

Ion Ratio Lower Upper

43 100

58 49.9 25.1 75.3



#60

Dibromochloromethane

Concen: 54.323 ug/l

RT: 10.984 min Scan# 1503

Delta R.T. -0.000 min

Lab File: VY014023.D

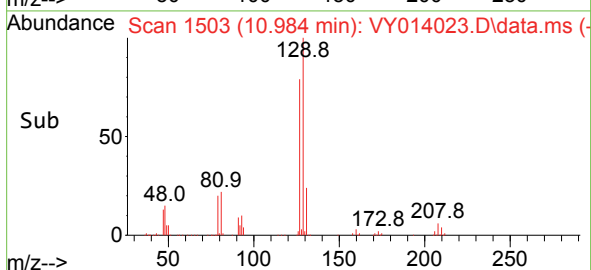
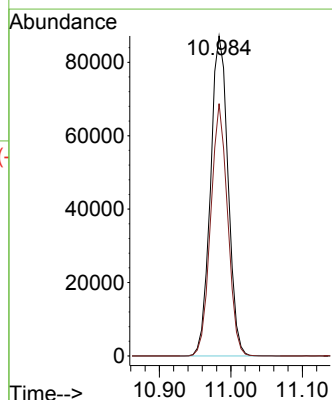
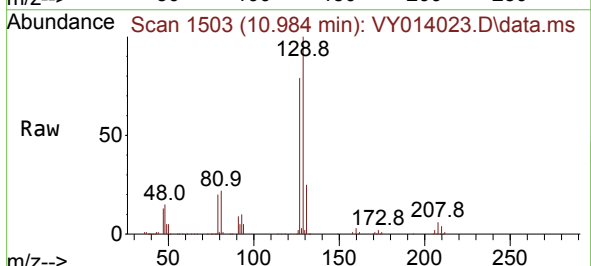
Acq: 06 Jun 2023 11:32

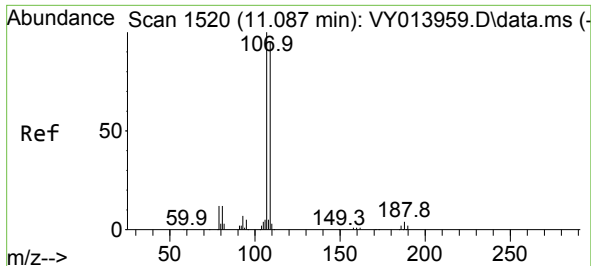
Tgt Ion: 129 Resp: 148733

Ion Ratio Lower Upper

129 100

127 75.9 38.5 115.5

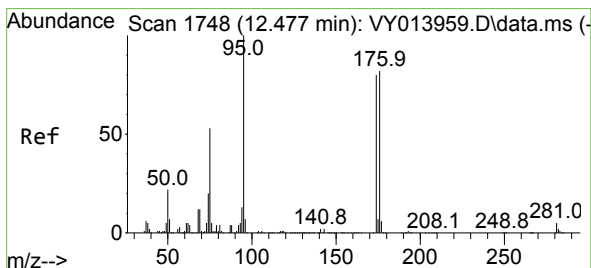
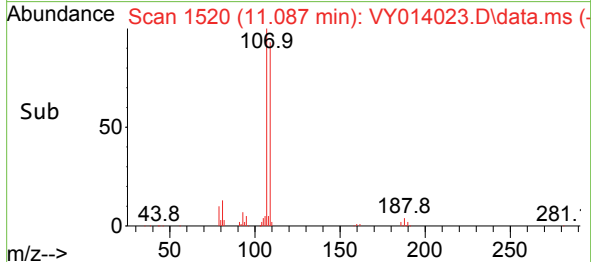
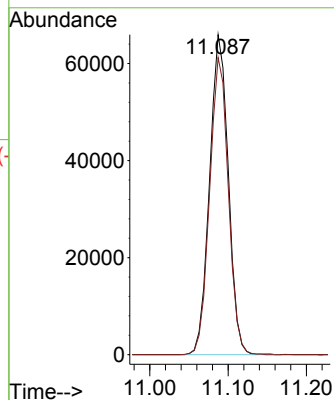
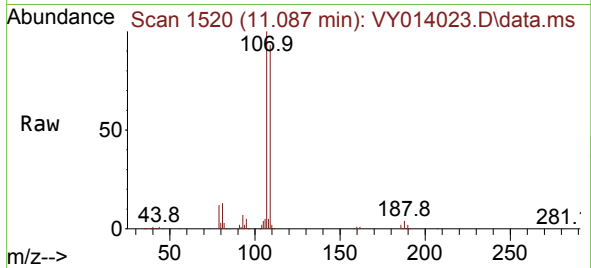




#61
1,2-Dibromoethane
Concen: 50.268 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

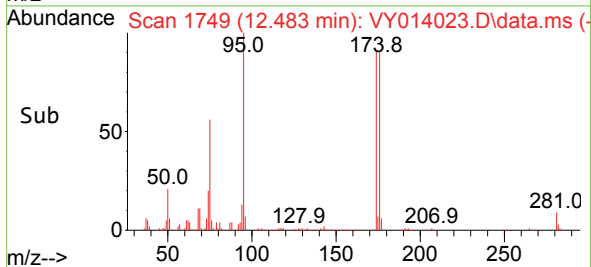
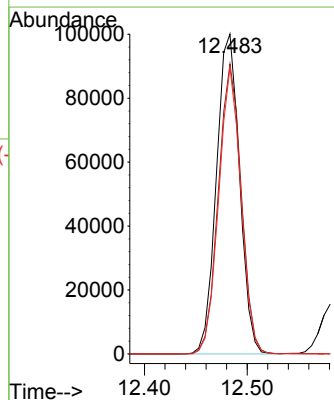
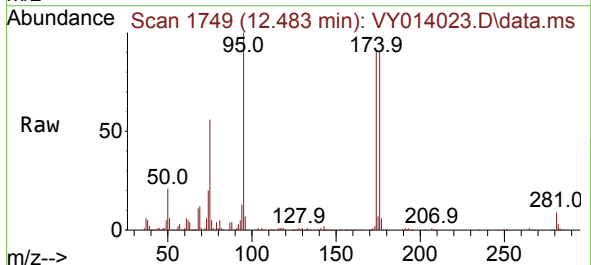
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

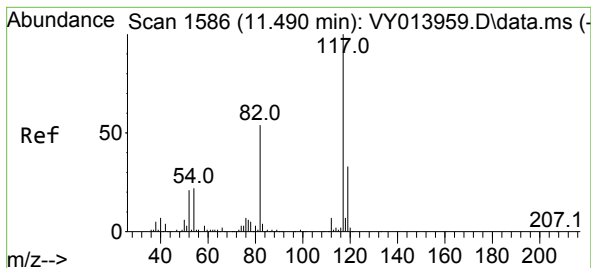
Tgt Ion:107 Resp: 109409
Ion Ratio Lower Upper
107 100
109 92.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 53.073 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

Tgt Ion: 95 Resp: 156188
Ion Ratio Lower Upper
95 100
174 89.9 0.0 178.2
176 86.2 0.0 173.8

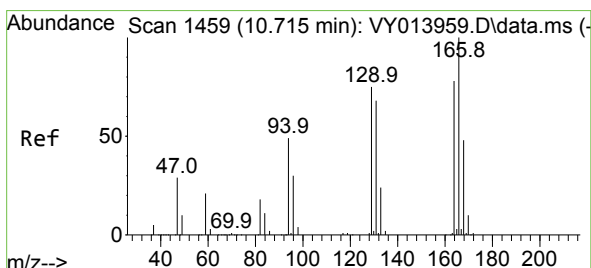
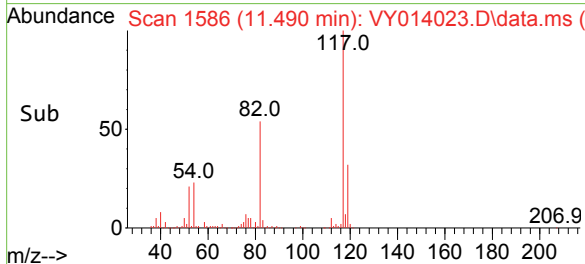
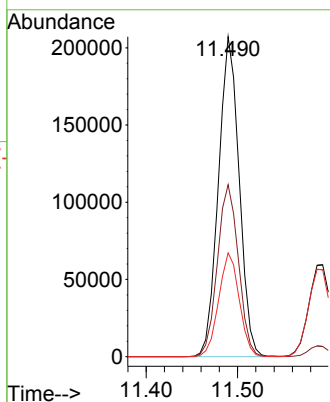
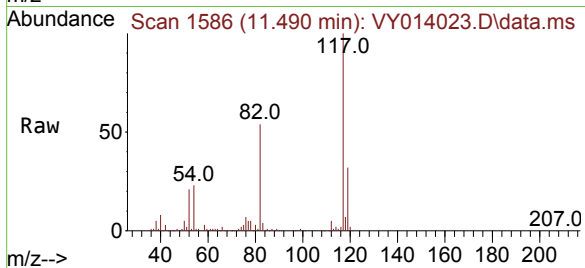




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

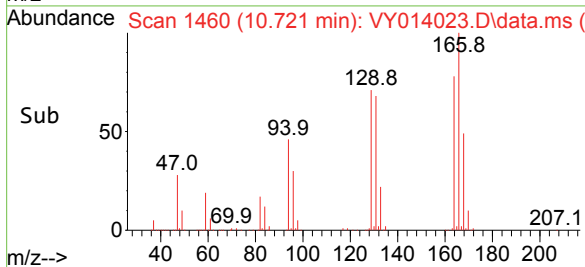
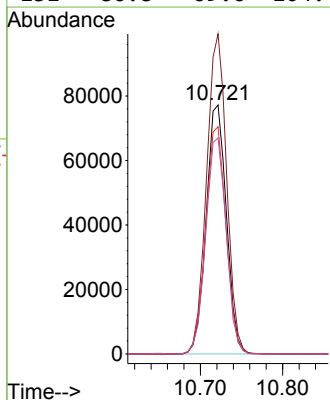
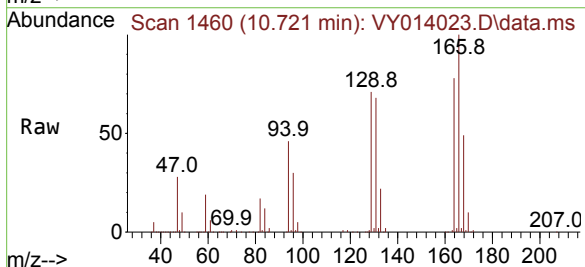
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

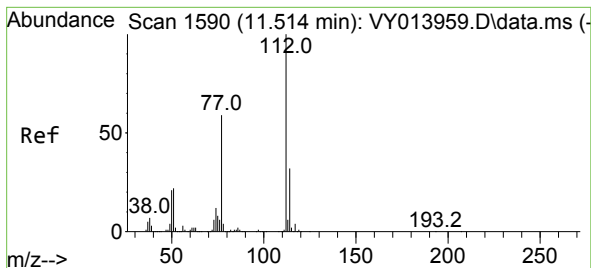
Tgt Ion:117 Resp: 327092
Ion Ratio Lower Upper
117 100
82 53.8 43.4 65.0
119 32.5 26.3 39.5



#64
Tetrachloroethene
Concen: 58.924 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

Tgt Ion:164 Resp: 132039
Ion Ratio Lower Upper
164 100
166 128.5 103.0 154.6
129 91.3 77.2 115.8
131 86.8 69.6 104.4





#65

Chlorobenzene

Concen: 56.149 ug/l

RT: 11.514 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014023.D

Acq: 06 Jun 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

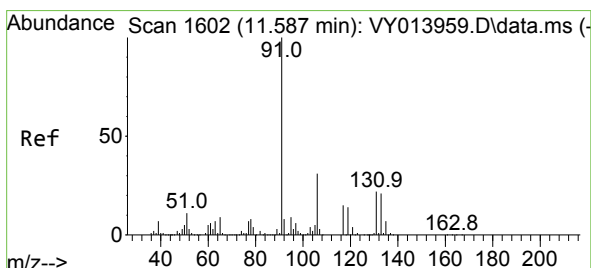
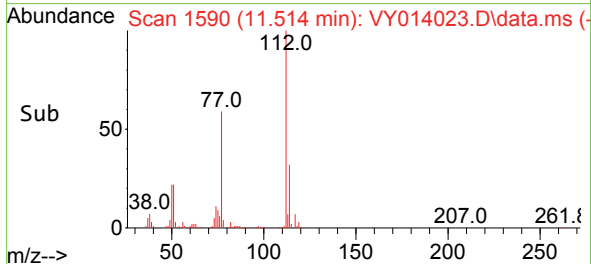
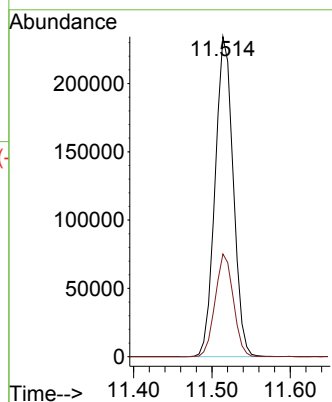
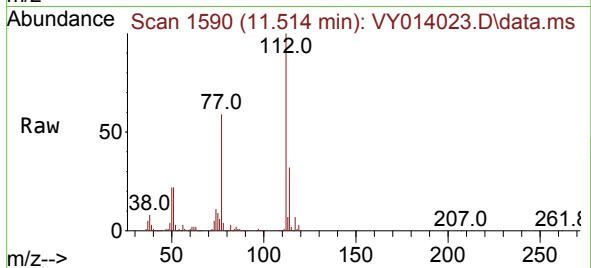
VSTDCCC050

Tgt Ion:112 Resp: 376789

Ion Ratio Lower Upper

112 100

114 32.1 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 57.913 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY014023.D

Acq: 06 Jun 2023 11:32

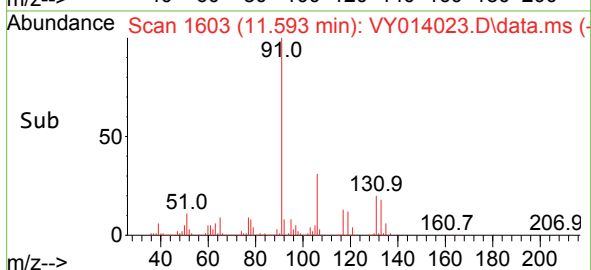
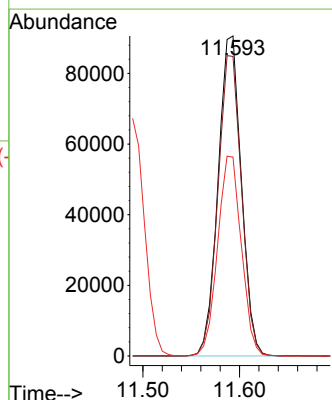
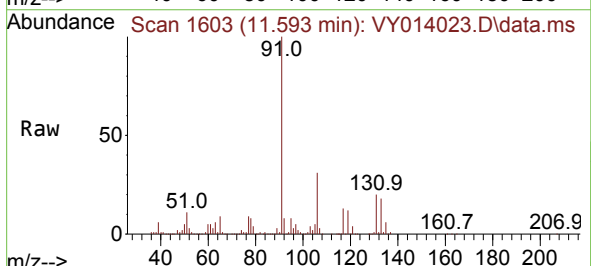
Tgt Ion:131 Resp: 151290

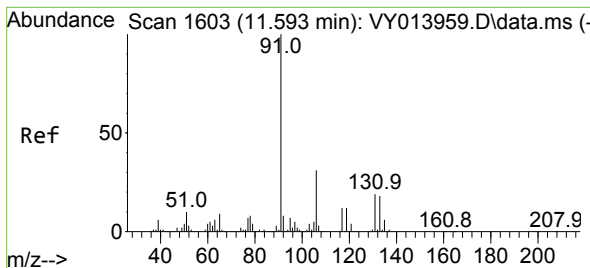
Ion Ratio Lower Upper

131 100

133 94.7 47.5 142.6

119 63.7 31.6 94.7





#67

Ethyl Benzene

Concen: 58.931 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY014023.D

Acq: 06 Jun 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

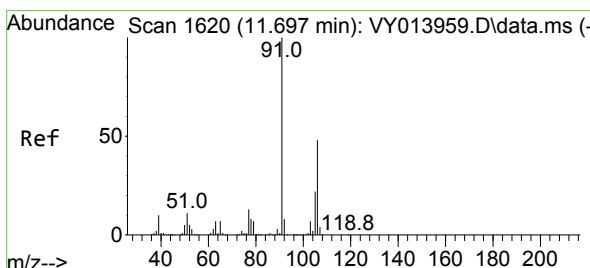
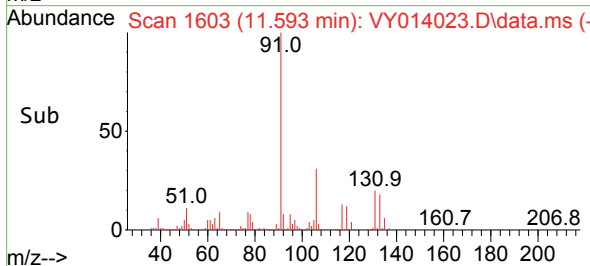
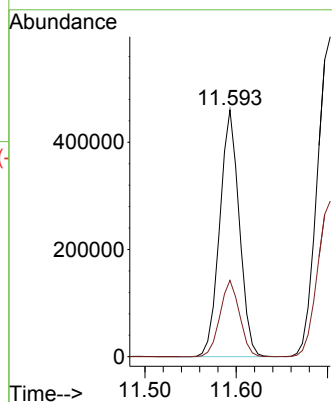
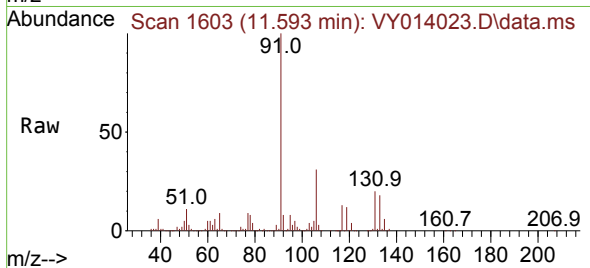
VSTDCCC050

Tgt Ion: 91 Resp: 684498

Ion Ratio Lower Upper

91 100

106 30.9 24.6 36.8



#68

m/p-Xylenes

Concen: 117.442 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY014023.D

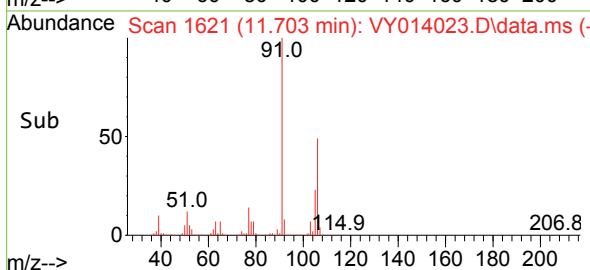
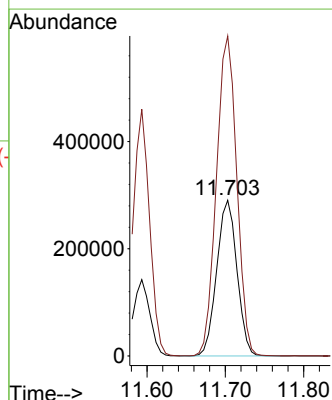
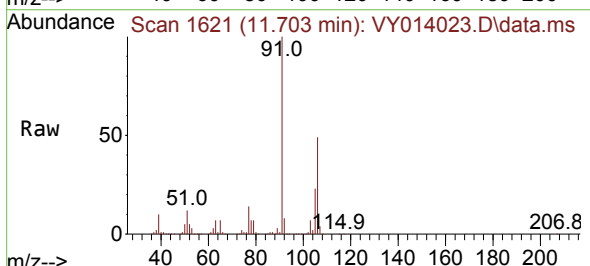
Acq: 06 Jun 2023 11:32

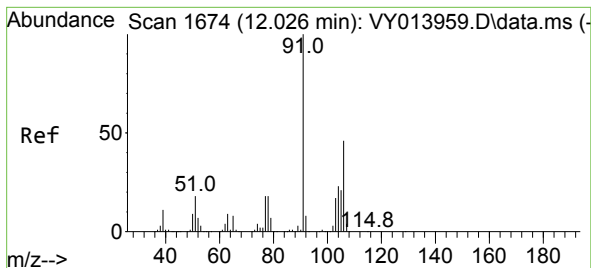
Tgt Ion: 106 Resp: 521075

Ion Ratio Lower Upper

106 100

91 206.8 166.1 249.1

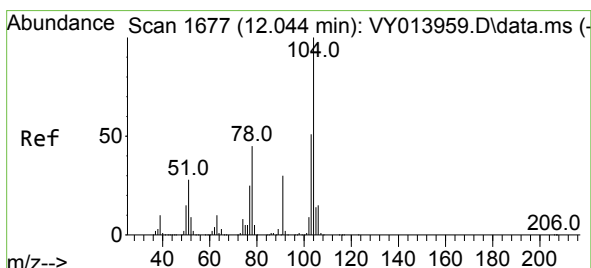
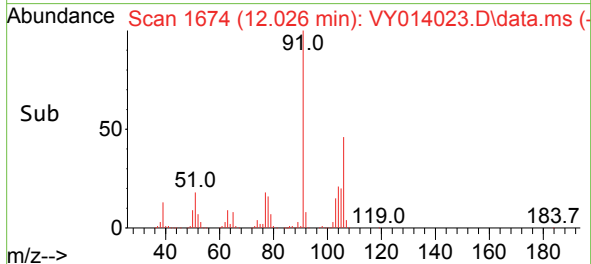
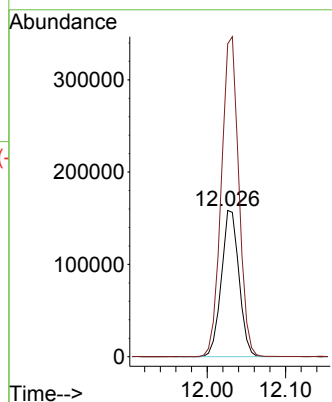
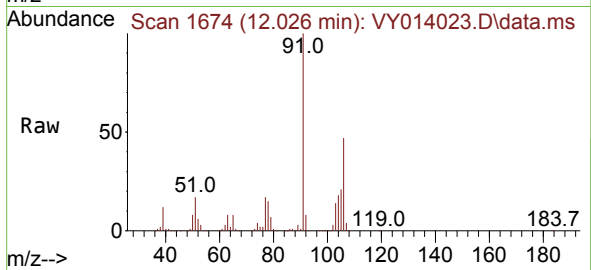




#69
o-Xylene
Concen: 58.256 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

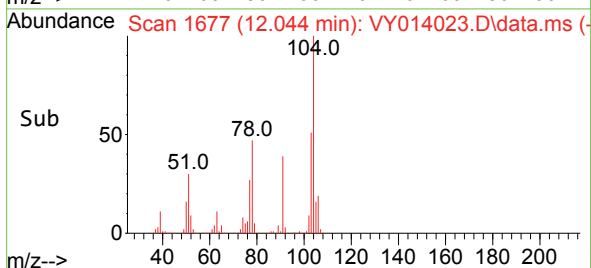
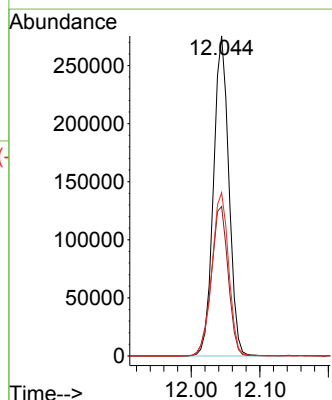
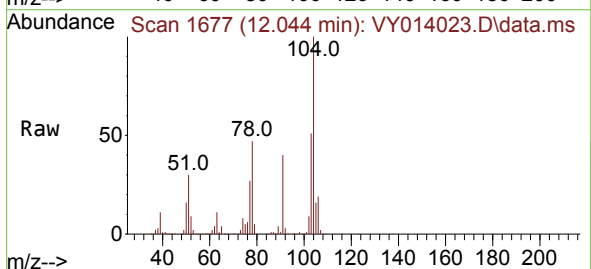
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

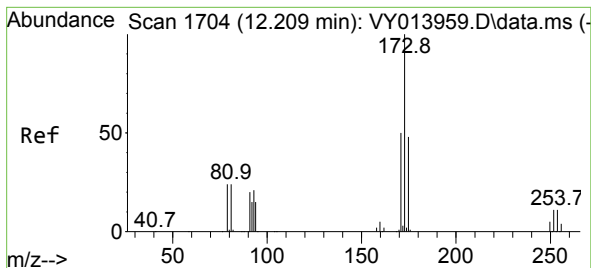
Tgt Ion:106 Resp: 247672
Ion Ratio Lower Upper
106 100
91 217.0 108.1 324.3



#70
Styrene
Concen: 58.881 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

Tgt Ion:104 Resp: 429970
Ion Ratio Lower Upper
104 100
78 51.4 41.5 62.3
103 55.6 44.6 67.0





#71

Bromoform

Concen: 51.169 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014023.D

Acq: 06 Jun 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

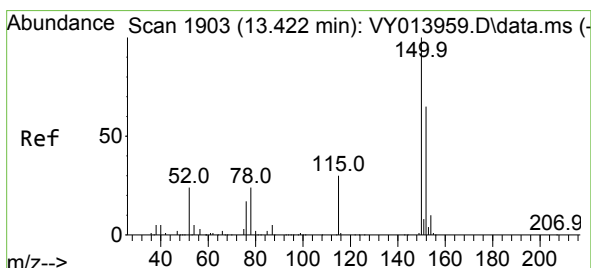
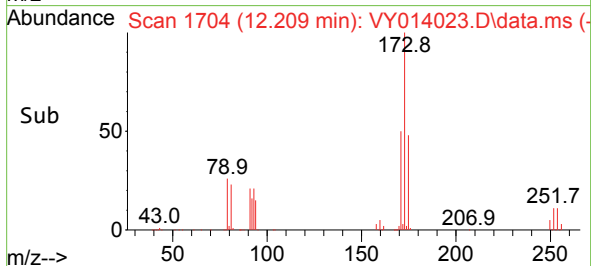
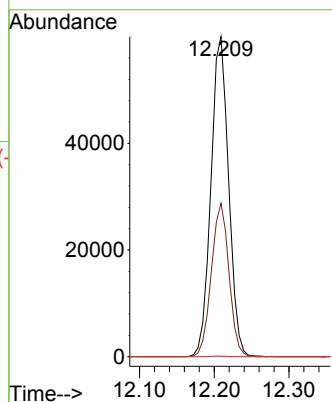
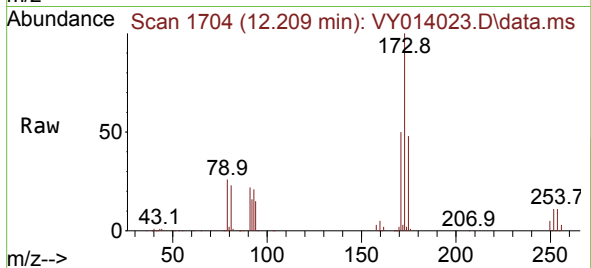
Tgt Ion:173 Resp: 98548

Ion Ratio Lower Upper

173 100

175 47.7 24.6 73.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY014023.D

Acq: 06 Jun 2023 11:32

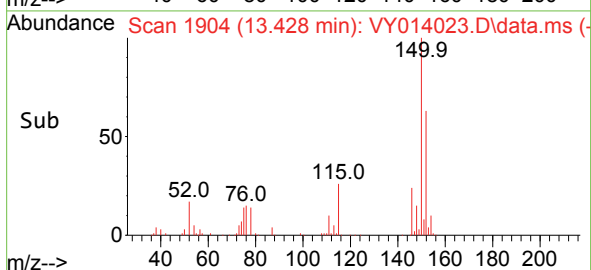
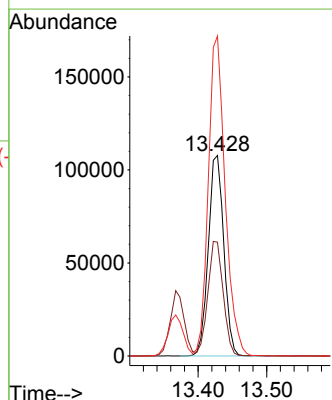
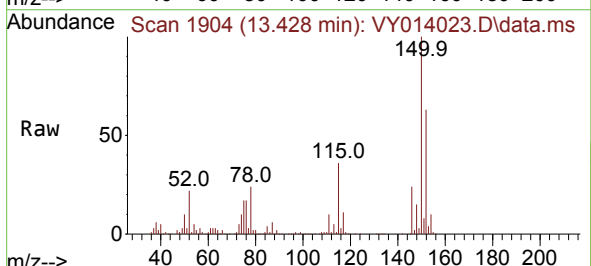
Tgt Ion:152 Resp: 169312

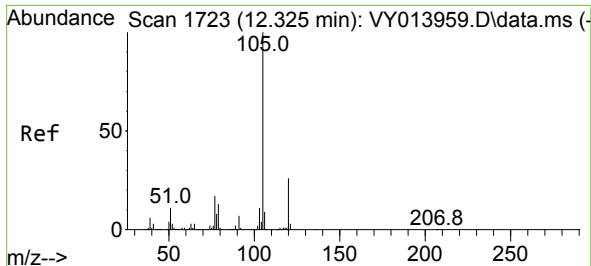
Ion Ratio Lower Upper

152 100

115 56.2 28.8 86.5

150 173.4 0.0 348.8

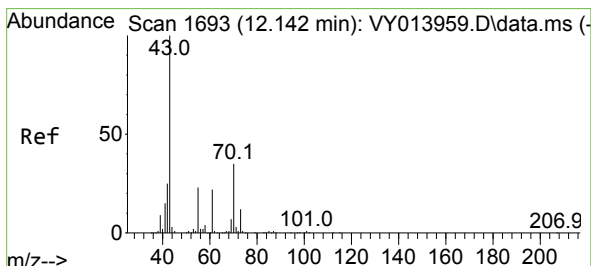
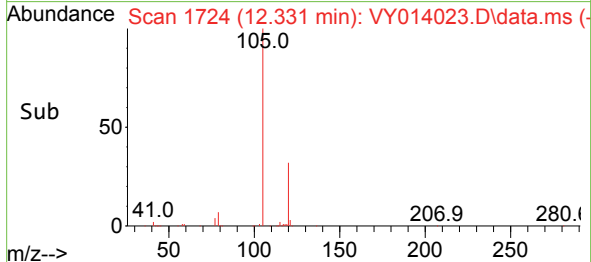
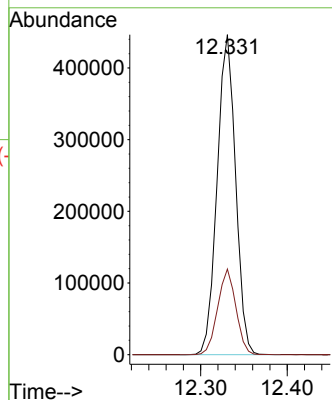
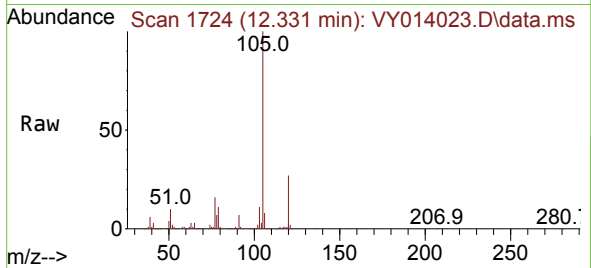




#73
Isopropylbenzene
Concen: 59.032 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

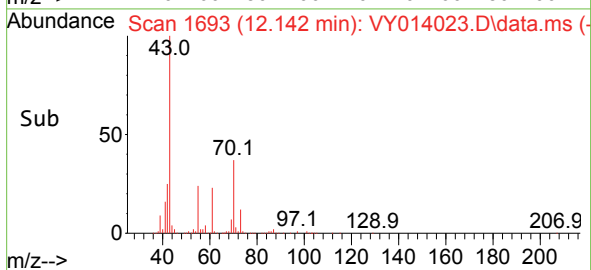
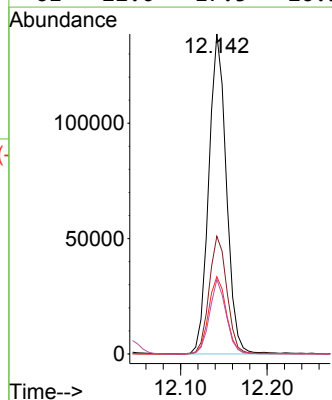
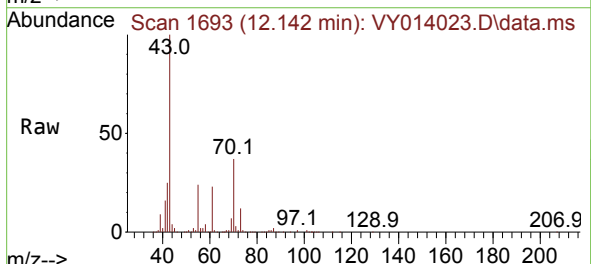
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

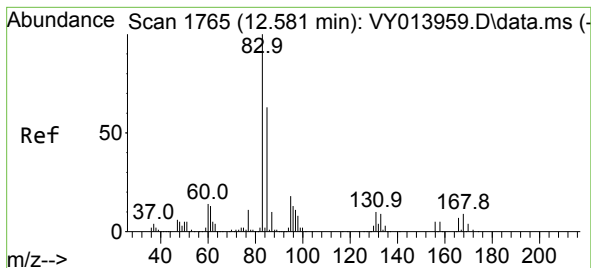
Tgt Ion:105 Resp: 659692
Ion Ratio Lower Upper
105 100
120 26.4 13.3 39.9



#74
N-ethyl acetate
Concen: 45.597 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

Tgt Ion: 43 Resp: 195497
Ion Ratio Lower Upper
43 100
70 37.6 29.7 44.5
55 24.5 18.3 27.5
61 22.0 17.5 26.3

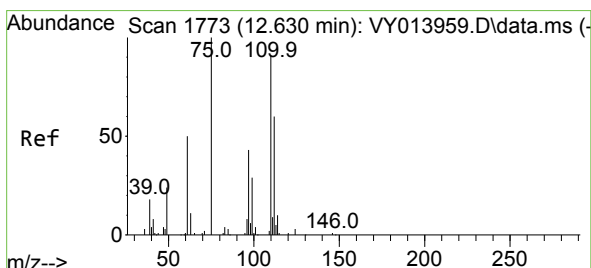
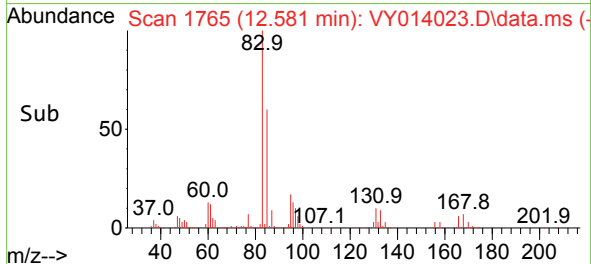
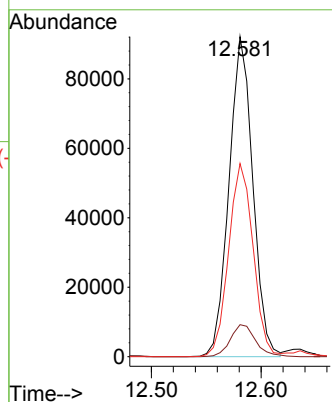
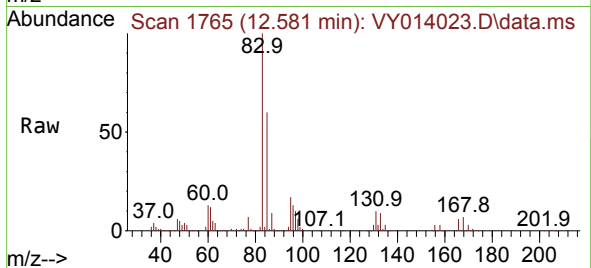




#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.659 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY014023.D
 Acq: 06 Jun 2023 11:32

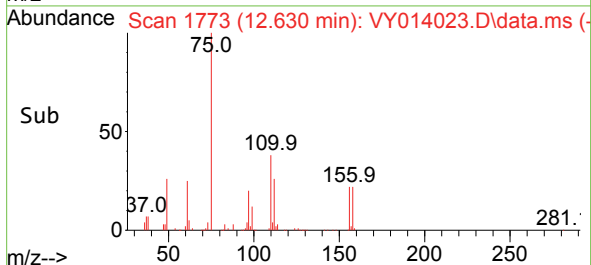
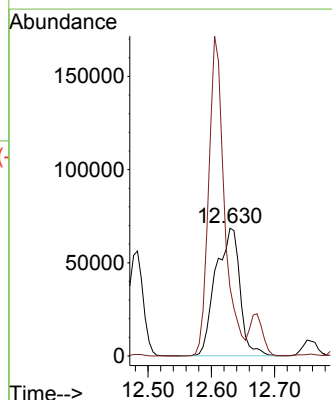
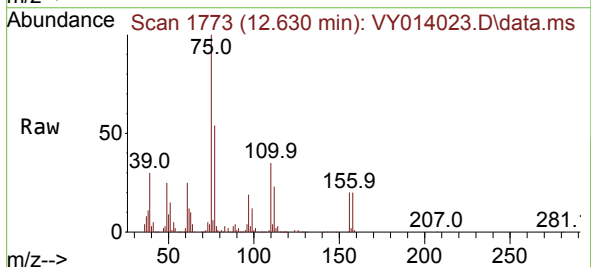
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

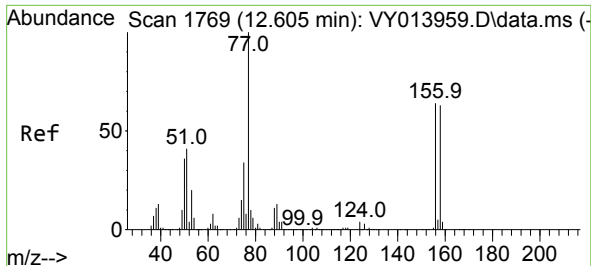
Tgt Ion: 83 Resp: 139199
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.4 16.2
 85 62.1 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 80.030 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. -0.000 min
 Lab File: VY014023.D
 Acq: 06 Jun 2023 11:32

Tgt Ion: 75 Resp: 182343
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

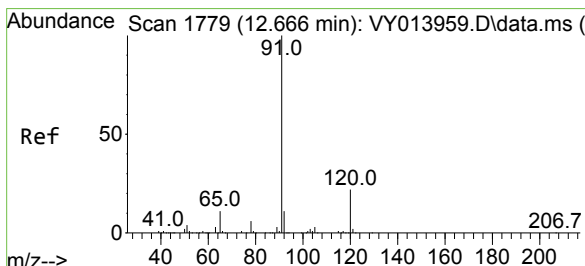
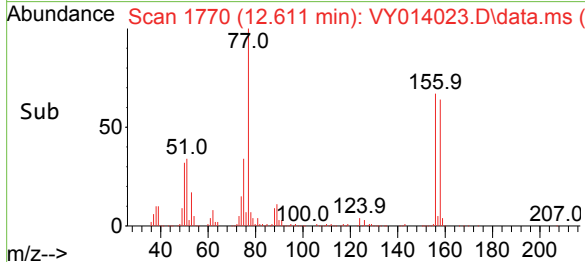
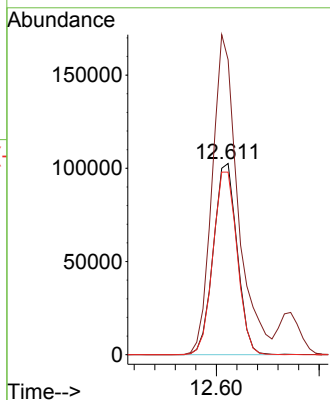
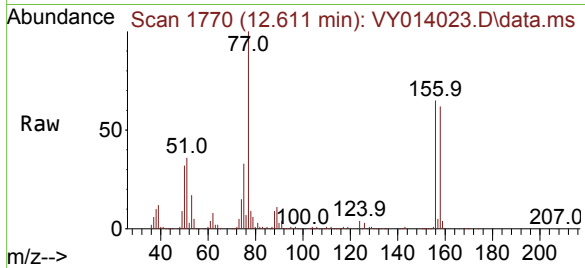




#77
Bromobenzene
Concen: 54.491 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

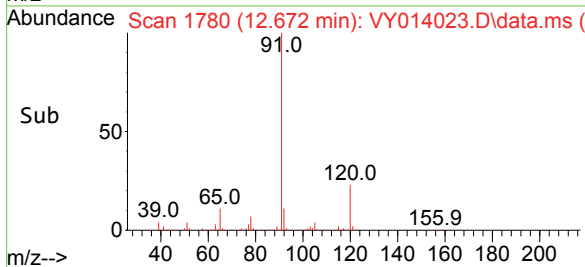
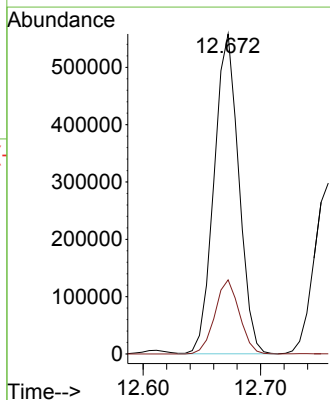
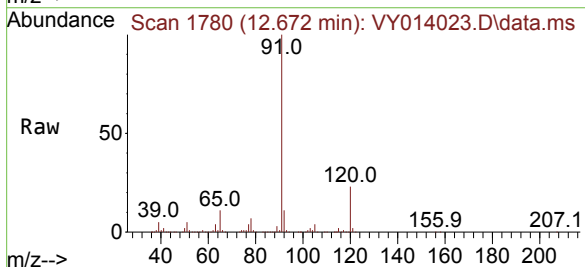
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

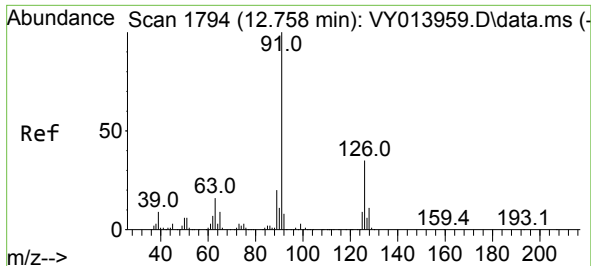
Tgt Ion:156 Resp: 164619
Ion Ratio Lower Upper
156 100
77 181.9 92.8 278.6
158 97.4 48.4 145.3



#78
n-propylbenzene
Concen: 59.640 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

Tgt Ion: 91 Resp: 816834
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.4

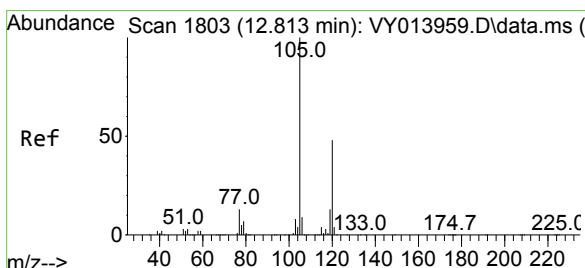
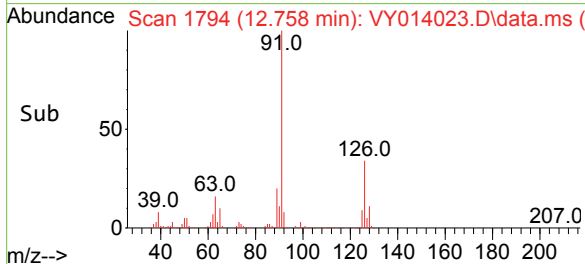
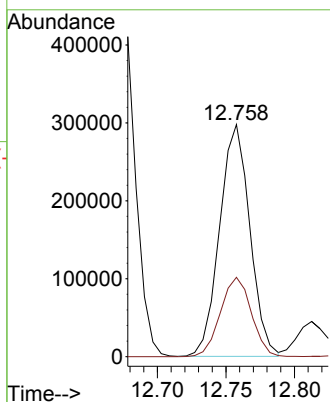
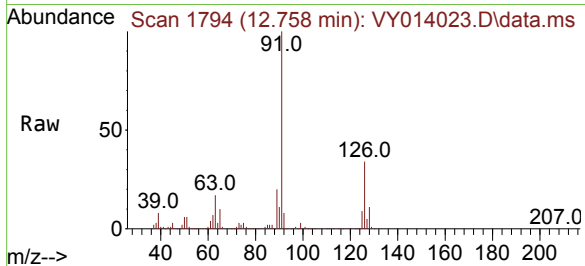




#79
2-Chlorotoluene
Concen: 56.421 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

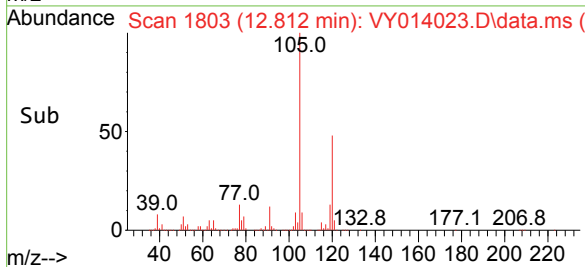
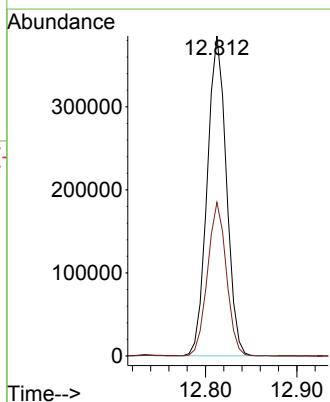
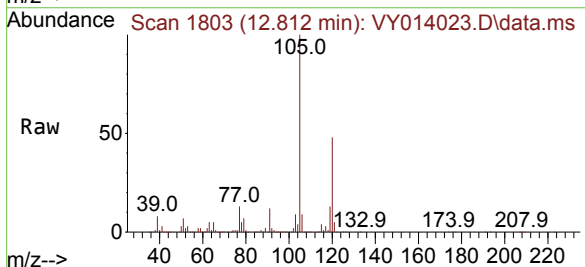
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

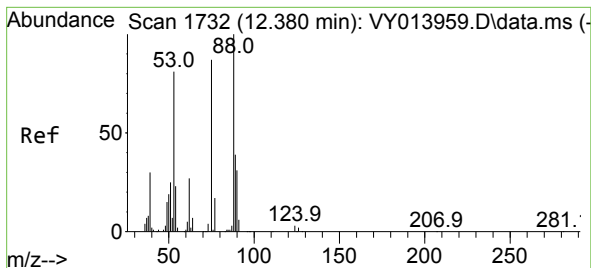
Tgt Ion: 91 Resp: 457478
Ion Ratio Lower Upper
91 100
126 35.0 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 58.343 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

Tgt Ion: 105 Resp: 558812
Ion Ratio Lower Upper
105 100
120 47.4 23.9 71.7

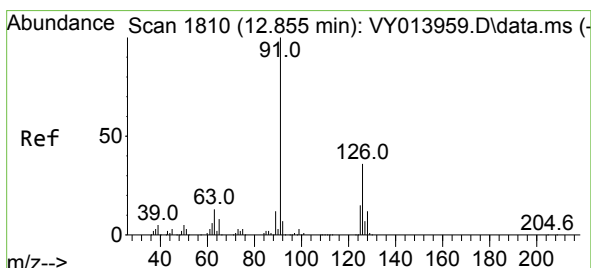
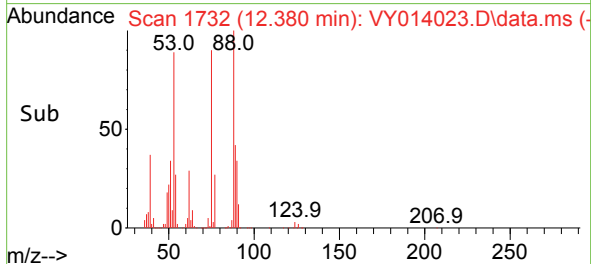
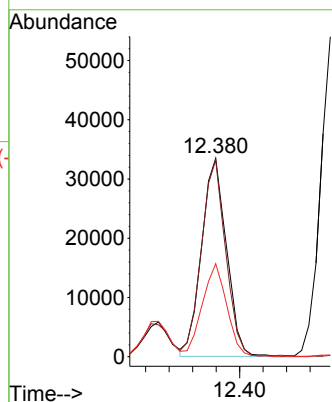
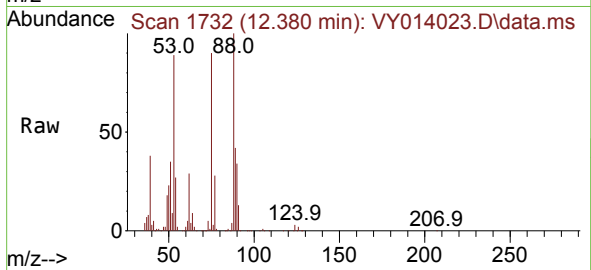




#81
trans-1,4-Dichloro-2-butene
Concen: 45.782 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

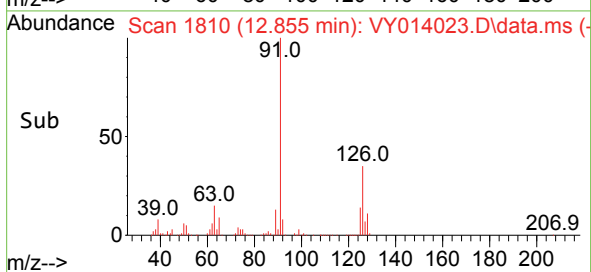
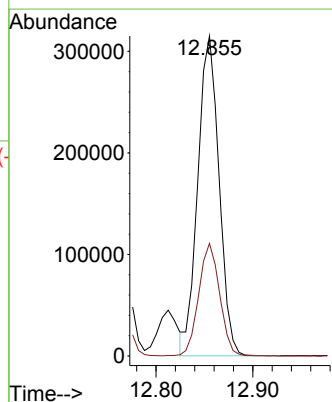
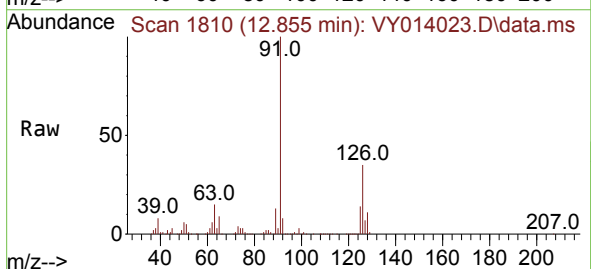
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

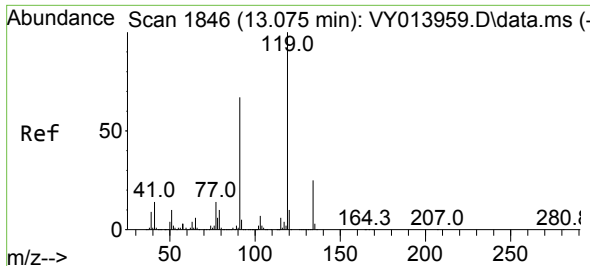
Tgt Ion: 75 Resp: 49168
Ion Ratio Lower Upper
75 100
53 95.9 77.8 116.8
89 46.5 37.4 56.0



#82
4-Chlorotoluene
Concen: 56.360 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

Tgt Ion: 91 Resp: 480612
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.6

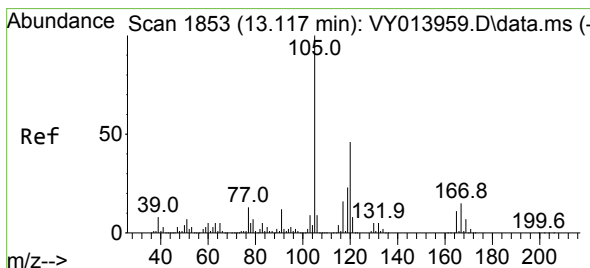
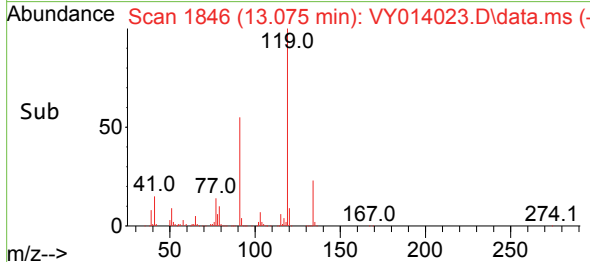
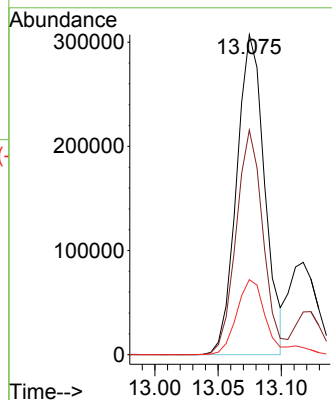
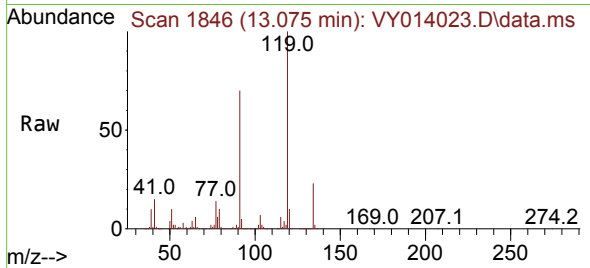




#83
tert-Butylbenzene
Concen: 59.195 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

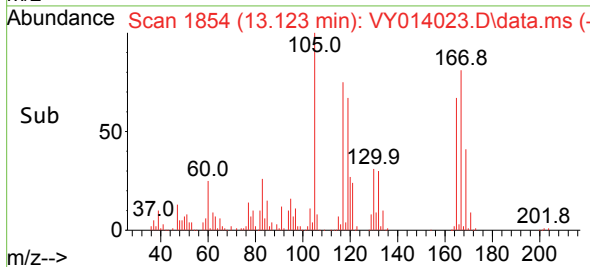
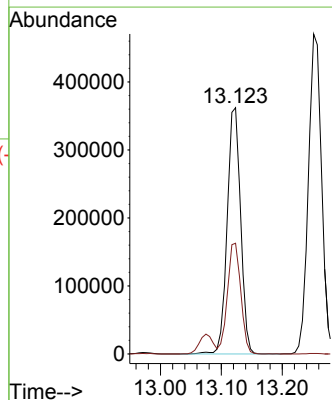
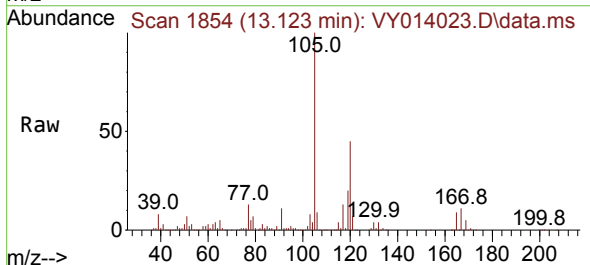
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

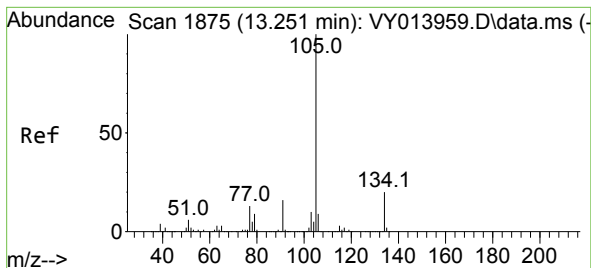
Tgt Ion:119 Resp: 474786
Ion Ratio Lower Upper
119 100
91 68.1 32.9 98.6
134 25.6 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 57.923 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

Tgt Ion:105 Resp: 554130
Ion Ratio Lower Upper
105 100
120 44.6 22.2 66.6





#85

sec-Butylbenzene

Concen: 60.585 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY014023.D

Acq: 06 Jun 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

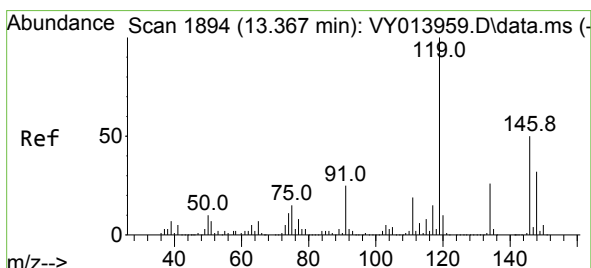
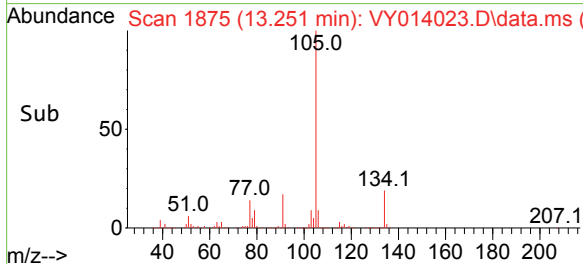
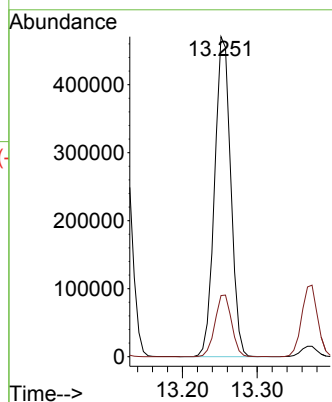
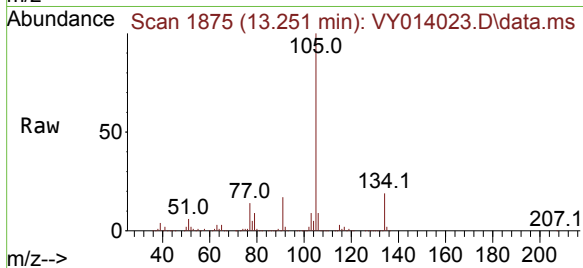
VSTDCCC050

Tgt Ion:105 Resp: 706622

Ion Ratio Lower Upper

105 100

134 19.9 10.2 30.6



#86

p-Isopropyltoluene

Concen: 59.946 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY014023.D

Acq: 06 Jun 2023 11:32

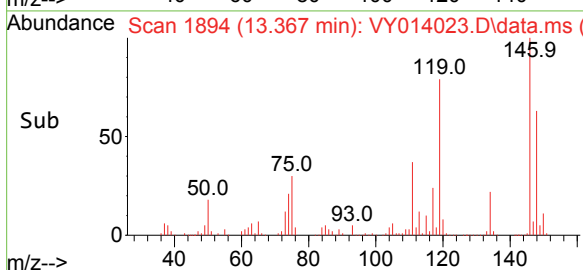
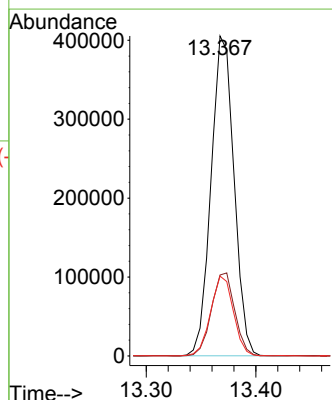
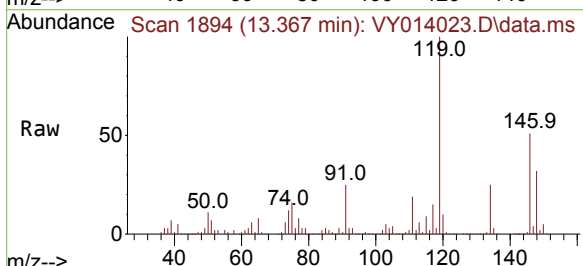
Tgt Ion:119 Resp: 590174

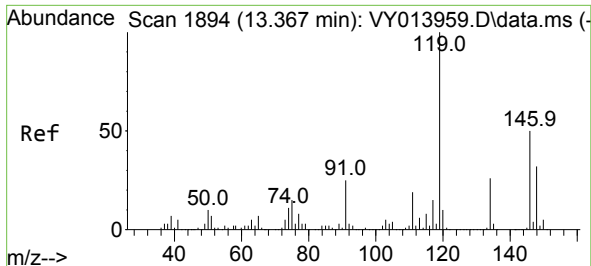
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 24.6 12.4 37.4

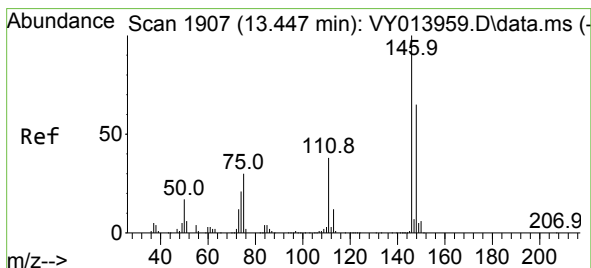
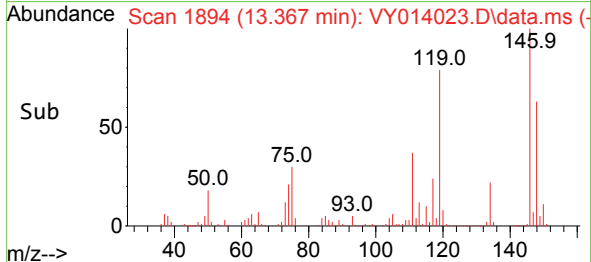
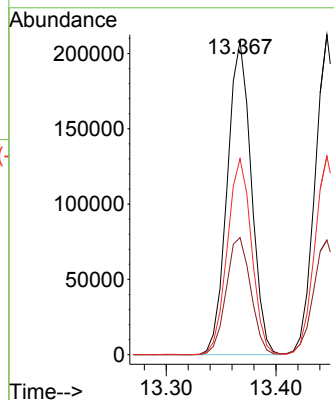
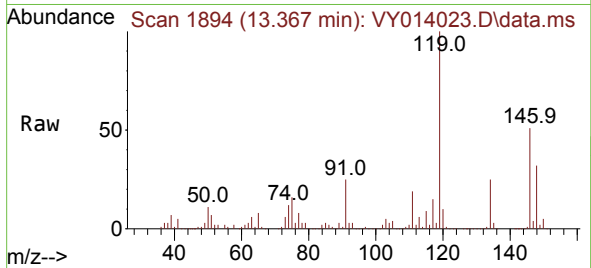




#87
 1,3-Dichlorobenzene
 Concen: 55.293 ug/l
 RT: 13.367 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY014023.D
 Acq: 06 Jun 2023 11:32

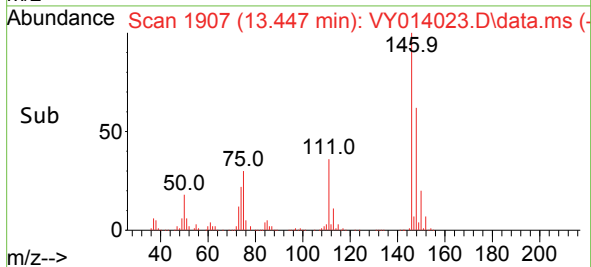
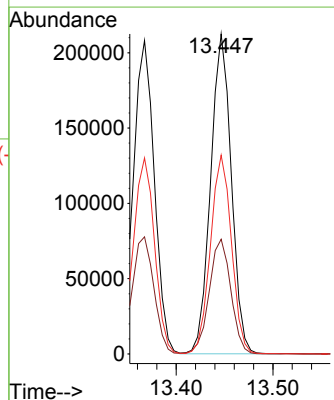
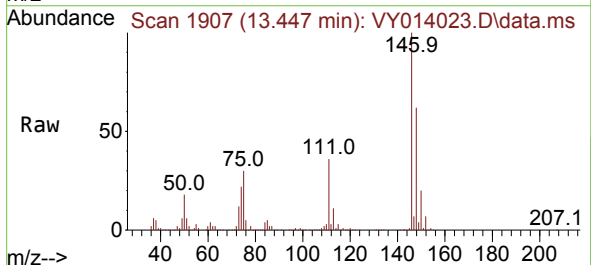
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

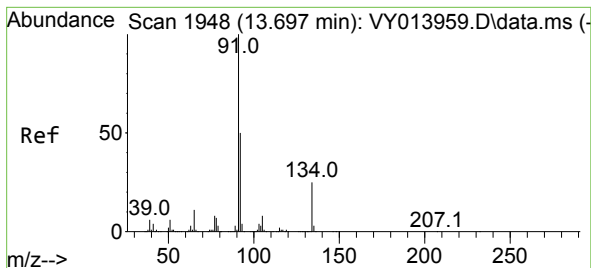
Tgt Ion:146 Resp: 317222
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.4 58.2
 148 63.0 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 54.409 ug/l
 RT: 13.447 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY014023.D
 Acq: 06 Jun 2023 11:32

Tgt Ion:146 Resp: 315760
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.9 56.7
 148 63.3 32.1 96.5





#89

n-Butylbenzene

Concen: 61.030 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY014023.D

Acq: 06 Jun 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

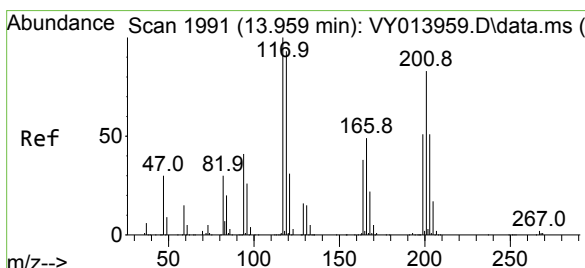
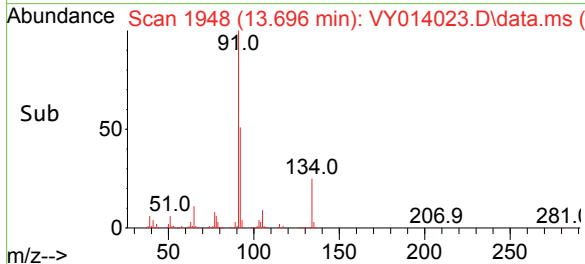
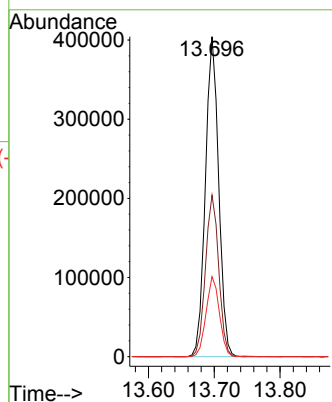
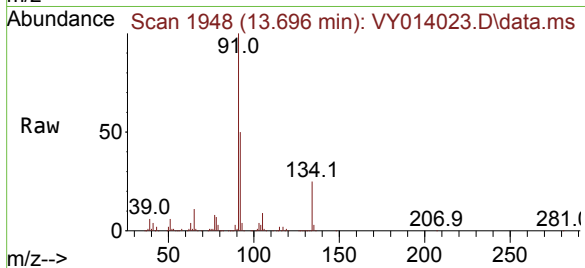
Tgt Ion: 91 Resp: 566938

Ion Ratio Lower Upper

91 100

92 50.5 25.4 76.0

134 25.1 12.6 37.6



#90

Hexachloroethane

Concen: 57.041 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY014023.D

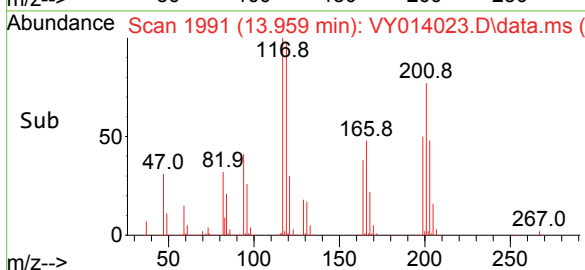
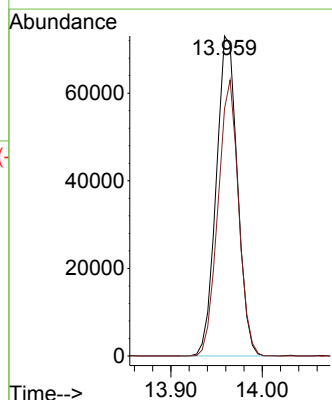
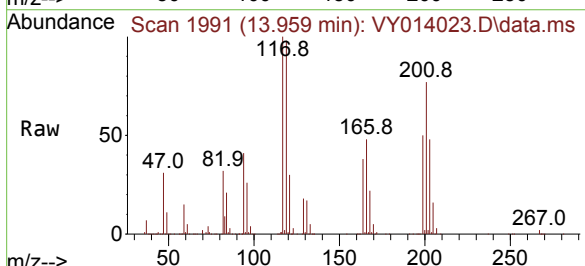
Acq: 06 Jun 2023 11:32

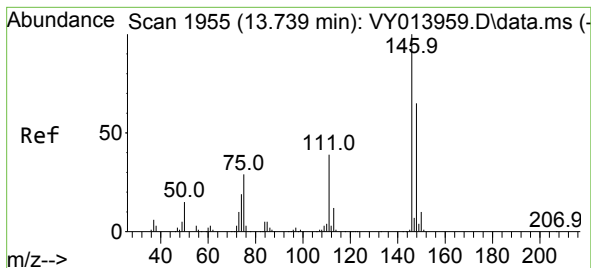
Tgt Ion: 117 Resp: 117862

Ion Ratio Lower Upper

117 100

201 83.6 41.6 124.8

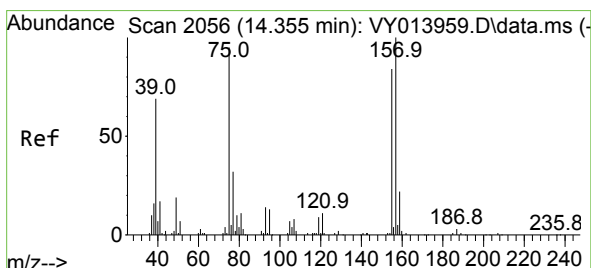
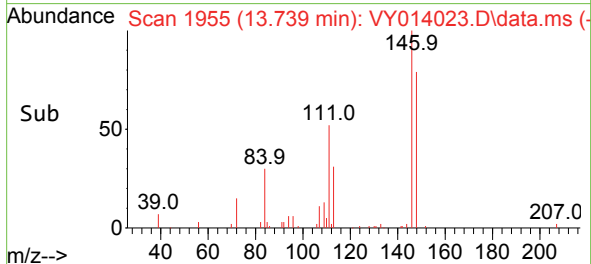
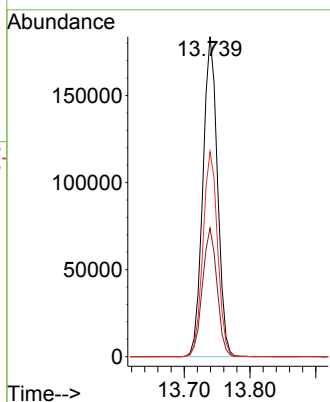
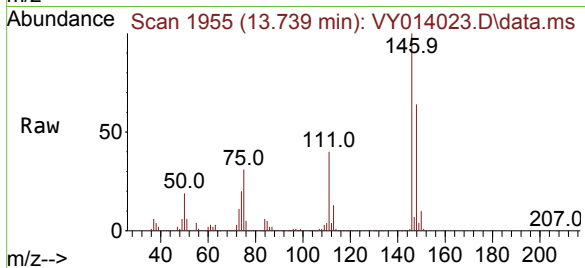




#91
1,2-Dichlorobenzene
Concen: 53.758 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

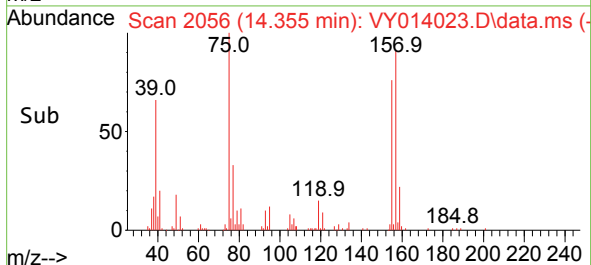
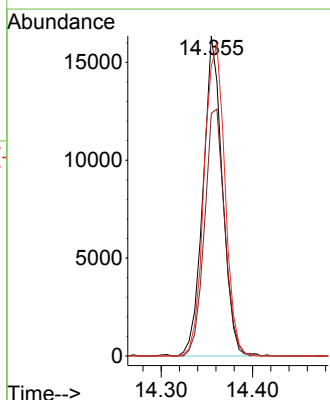
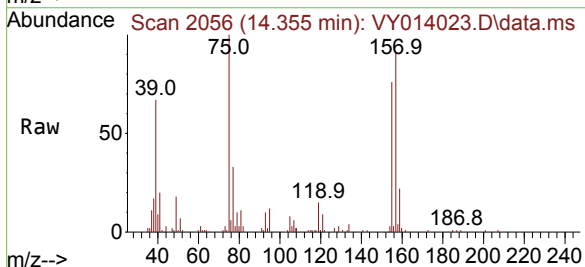
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

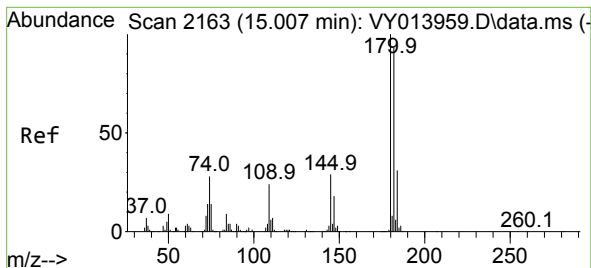
Tgt Ion:146 Resp: 284129
Ion Ratio Lower Upper
146 100
111 40.1 19.7 59.0
148 64.3 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 42.334 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014023.D
Acq: 06 Jun 2023 11:32

Tgt Ion: 75 Resp: 23848
Ion Ratio Lower Upper
75 100
155 80.8 41.5 124.6
157 105.2 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 54.229 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY014023.D

Acq: 06 Jun 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

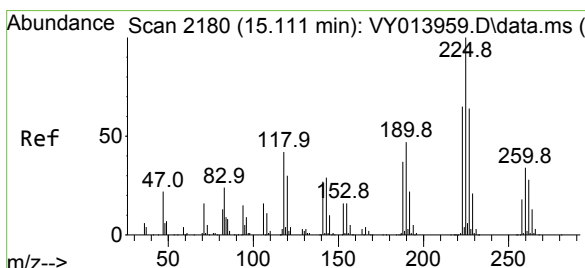
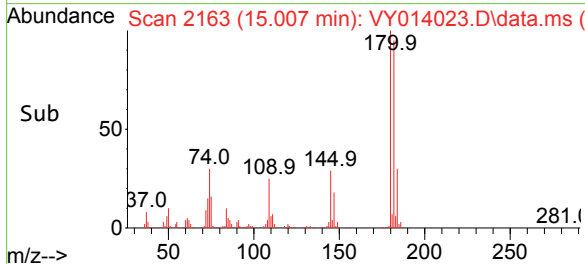
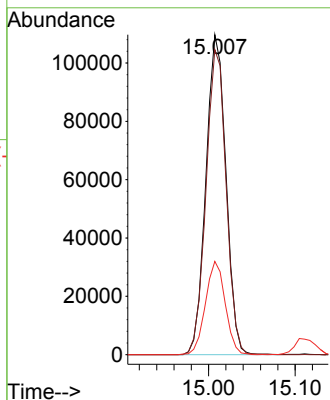
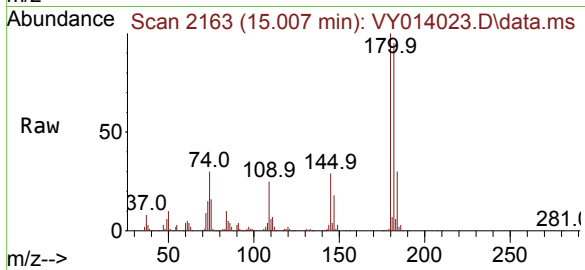
Tgt Ion:180 Resp: 176191

Ion Ratio Lower Upper

180 100

182 95.8 47.0 141.2

145 28.8 14.5 43.5



#94

Hexachlorobutadiene

Concen: 60.818 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014023.D

Acq: 06 Jun 2023 11:32

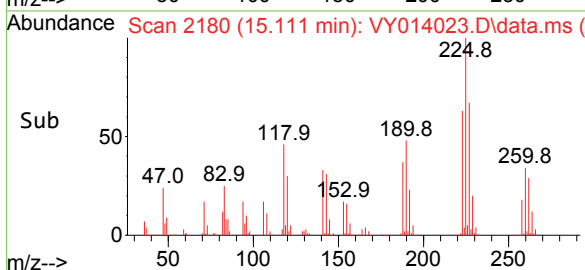
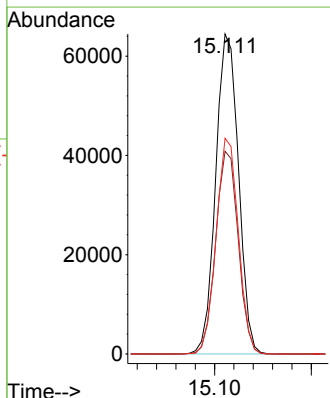
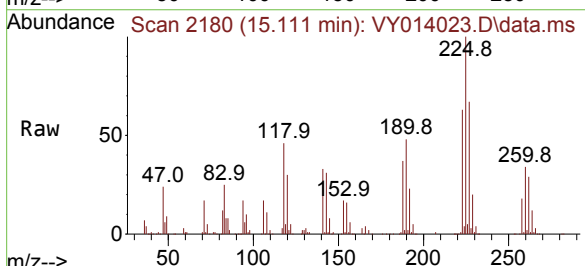
Tgt Ion:225 Resp: 105252

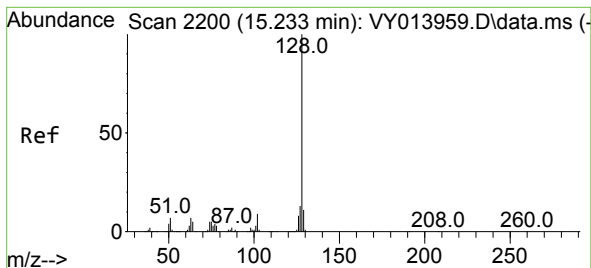
Ion Ratio Lower Upper

225 100

223 62.8 31.9 95.9

227 65.6 33.0 98.9





#95

Naphthalene

Concen: 43.725 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY014023.D

Acq: 06 Jun 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

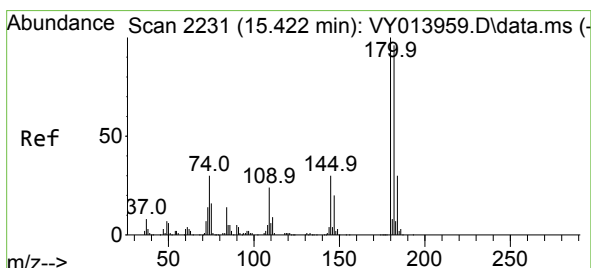
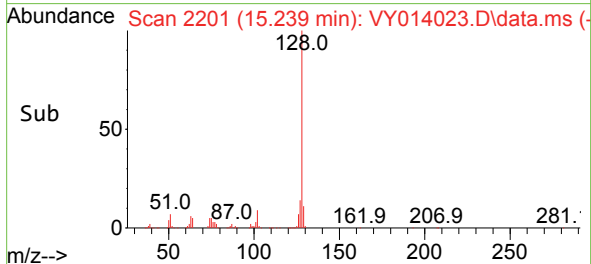
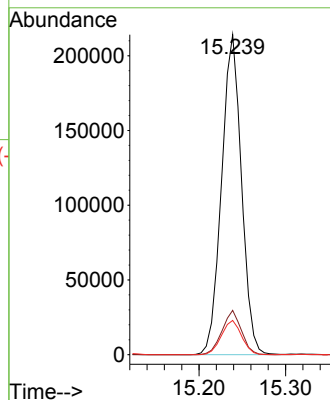
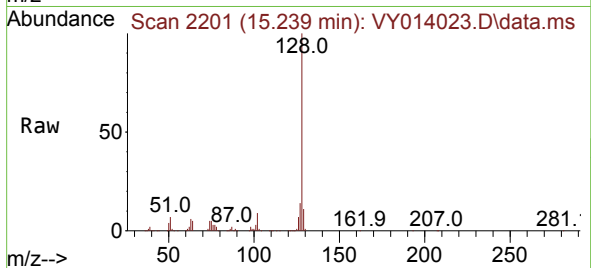
Tgt Ion:128 Resp: 341394

Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 52.666 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY014023.D

Acq: 06 Jun 2023 11:32

Tgt Ion:180 Resp: 155852

Ion Ratio Lower Upper

180 100

182 96.3 47.3 141.8

145 31.6 15.4 46.2

