

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072823\
 Data File : VY014919.D
 Acq On : 28 Jul 2023 19:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 29 03:11:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	196596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	324911	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	297426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	154702	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	111432	49.740	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.480%
35) Dibromofluoromethane	7.710	113	99717	48.212	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.420%
50) Toluene-d8	10.173	98	353713	46.386	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.780%
62) 4-Bromofluorobenzene	12.477	95	132803	45.420	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.840%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	59965	37.438	ug/l	95
3) Chloromethane	2.107	50	91112	50.605	ug/l	97
4) Vinyl Chloride	2.241	62	107908	53.627	ug/l	96
5) Bromomethane	2.625	94	82898	62.340	ug/l	99
6) Chloroethane	2.778	64	72792	57.914	ug/l	97
7) Trichlorofluoromethane	3.107	101	159158	47.095	ug/l	100
8) Diethyl Ether	3.522	74	60502	48.116	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.881	101	93836	45.301	ug/l	95
10) Methyl Iodide	4.076	142	81890	37.895	ug/l	98
11) Tert butyl alcohol	4.954	59	111585	240.131	ug/l #	84
12) 1,1-Dichloroethene	3.857	96	85941	44.392	ug/l	92
13) Acrolein	3.723	56	34344	146.673	ug/l	95
14) Allyl chloride	4.466	41	141332	41.116	ug/l	97
15) Acrylonitrile	5.149	53	187775	270.811	ug/l	99
16) Acetone	3.936	43	187585	264.234	ug/l	93
17) Carbon Disulfide	4.180	76	207560	37.448	ug/l	99
18) Methyl Acetate	4.466	43	162206	59.540	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	316638	50.350	ug/l	99
20) Methylene Chloride	4.704	84	125317	54.739	ug/l	92
21) trans-1,2-Dichloroethene	5.204	96	98614	44.885	ug/l	95
22) Diisopropyl ether	6.106	45	325761	46.613	ug/l	93
23) Vinyl Acetate	6.052	43	935766	223.751	ug/l #	95
24) 1,1-Dichloroethane	6.009	63	186761	46.705	ug/l	97
25) 2-Butanone	6.978	43	278856	268.490	ug/l	95
26) 2,2-Dichloropropane	6.972	77	154961	40.661	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	123746	48.389	ug/l	94
28) Bromochloromethane	7.326	49	86774	50.386	ug/l	92
29) Tetrahydrofuran	7.338	42	174347	272.619	ug/l	91
30) Chloroform	7.496	83	201501	48.866	ug/l	96
31) Cyclohexane	7.777	56	144010	38.724	ug/l	93
32) 1,1,1-Trichloroethane	7.691	97	173600	46.777	ug/l	99
36) 1,1-Dichloropropene	7.911	75	138138	44.660	ug/l	98
37) Ethyl Acetate	7.070	43	112211	52.692	ug/l #	96
38) Carbon Tetrachloride	7.893	117	153337	46.897	ug/l	99
39) Methylcyclohexane	9.179	83	169969	42.179	ug/l	93
40) Benzene	8.155	78	413253	46.977	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	160667	146.679	ug/l #	29
42) 1,2-Dichloroethane	8.228	62	142585	51.184	ug/l	95
43) Isopropyl Acetate	8.265	43	205889	50.753	ug/l	97
44) Trichloroethene	8.935	130	116887	47.490	ug/l	98
45) 1,2-Dichloropropane	9.210	63	109635	47.728	ug/l	99
46) Dibromomethane	9.295	93	71837	51.551	ug/l	96
47) Bromodichloromethane	9.490	83	162589	49.504	ug/l	96
48) Methyl methacrylate	9.289	41	92723	50.797	ug/l	94
49) 1,4-Dioxane	9.295	88	27113	1193.220	ug/l #	52
51) 4-Methyl-2-Pentanone	10.063	43	592479	278.169	ug/l	94
52) Toluene	10.240	92	263581	46.825	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	169060	47.058	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	182628	46.746	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	102384	52.745	ug/l	94
56) Ethyl methacrylate	10.502	69	150806	50.883	ug/l	90
57) 1,3-Dichloropropane	10.782	76	170076	50.799	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	322836	233.778	ug/l	94
59) 2-Hexanone	10.825	43	433459	279.064	ug/l	92
60) Dibromochloromethane	10.977	129	122121	51.312	ug/l	99
61) 1,2-Dibromoethane	11.081	107	99947	51.613	ug/l	98
64) Tetrachloroethene	10.715	164	129443	54.113	ug/l	97
65) Chlorobenzene	11.508	112	298546	47.104	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	116469	48.737	ug/l	98
67) Ethyl Benzene	11.587	91	524511	45.835	ug/l	98
68) m/p-Xylenes	11.697	106	402409	92.121	ug/l	96
69) o-Xylene	12.026	106	200428	47.107	ug/l	97
70) Styrene	12.038	104	343542	47.907	ug/l	97
71) Bromoform	12.203	173	82117	50.695	ug/l #	100
73) Isopropylbenzene	12.325	105	517328	42.708	ug/l	99
74) N-amyl acetate	12.136	43	183868	45.322	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.575	83	131760	47.699	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	171050	87.545	ug/l #	100
77) Bromobenzene	12.605	156	127608	46.150	ug/l	97
78) n-propylbenzene	12.666	91	625352	42.842	ug/l	100
79) 2-Chlorotoluene	12.752	91	359004	42.701	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	435566	43.056	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	41067	40.696	ug/l	98
82) 4-Chlorotoluene	12.849	91	373118	43.092	ug/l	100
83) tert-Butylbenzene	13.069	119	381793	42.545	ug/l	99
84) 1,2,4-Trimethylbenzene	13.111	105	437522	44.070	ug/l	98
85) sec-Butylbenzene	13.245	105	574230	43.621	ug/l	100
86) p-Isopropyltoluene	13.361	119	480047	44.664	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	249104	46.289	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	249962	46.352	ug/l	98
89) n-Butylbenzene	13.690	91	449296	42.967	ug/l	97
90) Hexachloroethane	13.953	117	93346	42.283	ug/l	89
91) 1,2-Dichlorobenzene	13.733	146	233572	47.373	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	25582	48.426	ug/l	91
93) 1,2,4-Trichlorobenzene	15.001	180	152690	48.785	ug/l	99
94) Hexachlorobutadiene	15.105	225	78251	45.496	ug/l	99
95) Naphthalene	15.233	128	377368	51.752	ug/l	99
96) 1,2,3-Trichlorobenzene	15.416	180	139392	50.112	ug/l	99

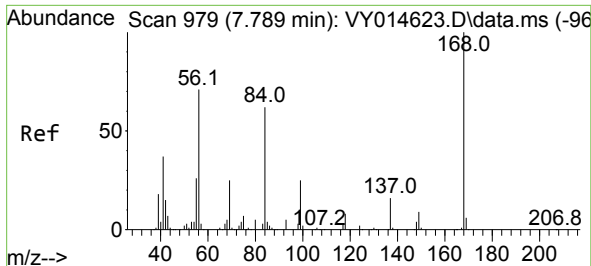
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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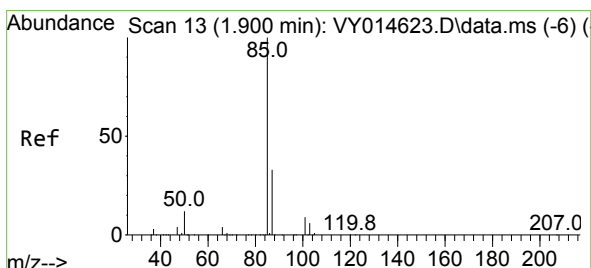
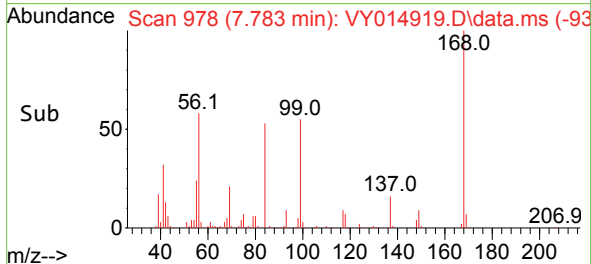
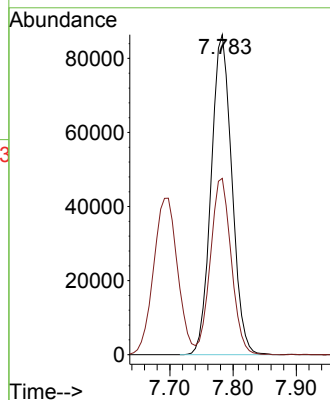
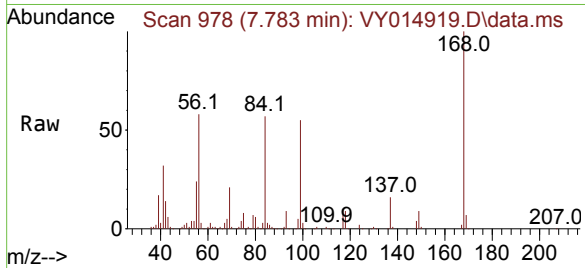
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014919.D
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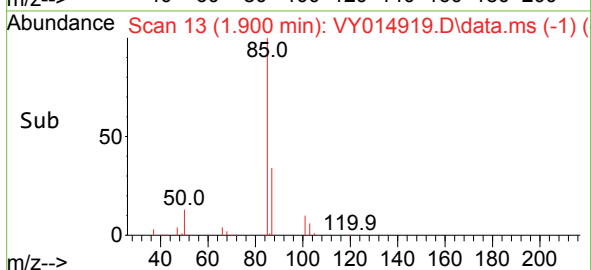
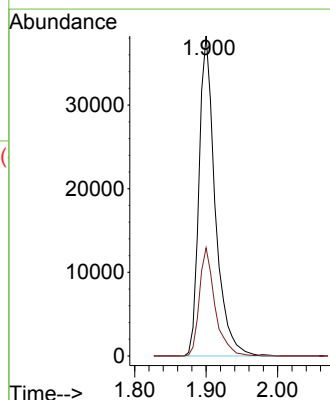
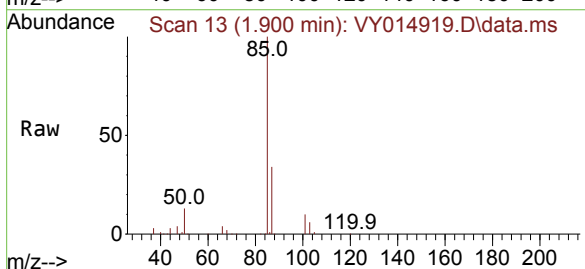
Instrument :
MSVOA_Y
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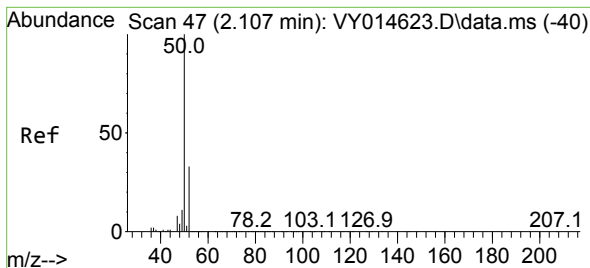
Tgt Ion:168 Resp: 196596
Ion Ratio Lower Upper
168 100
99 55.1 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 37.438 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY014919.D
Acq: 28 Jul 2023 19:20

Tgt Ion: 85 Resp: 59965
Ion Ratio Lower Upper
85 100
87 33.8 15.6 46.8





#3

Chloromethane

Concen: 50.605 ug/l

RT: 2.107 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY014919.D

Acq: 28 Jul 2023 19:20

Instrument :

MSVOA_Y

ClientSampleId :

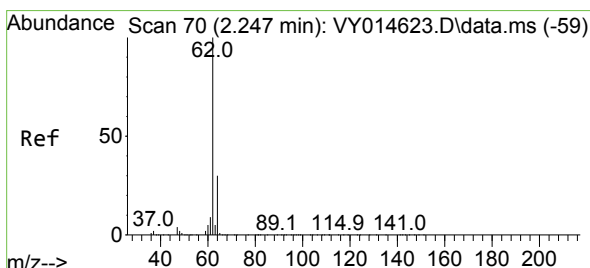
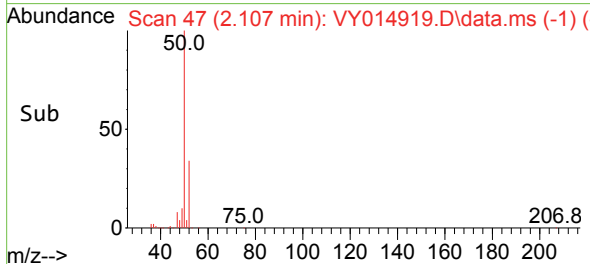
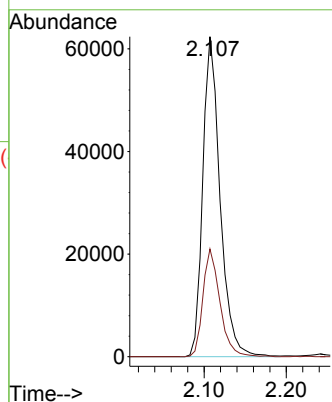
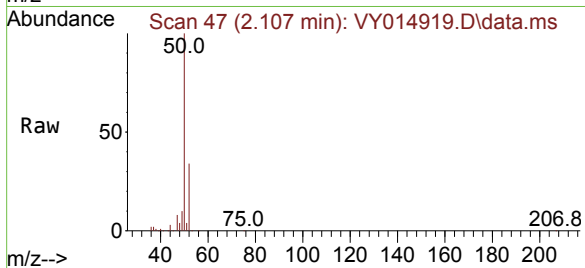
VSTDCCC050EC

Tgt Ion: 50 Resp: 91112

Ion Ratio Lower Upper

50 100

52 33.7 25.4 38.2



#4

Vinyl Chloride

Concen: 53.627 ug/l

RT: 2.241 min Scan# 69

Delta R.T. -0.006 min

Lab File: VY014919.D

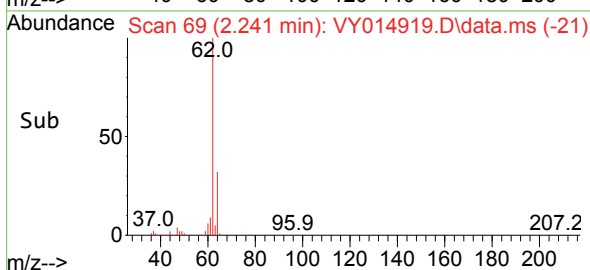
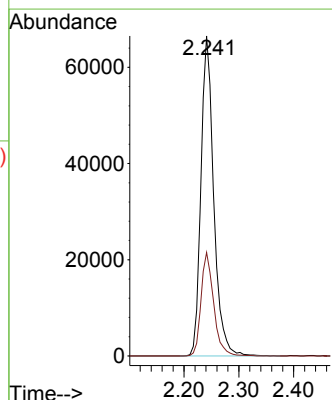
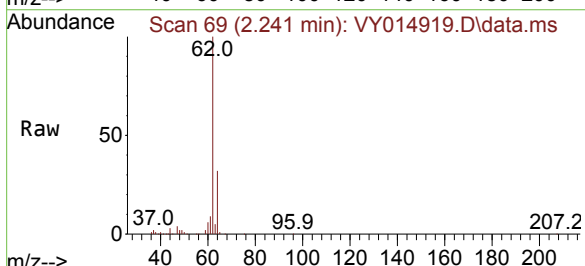
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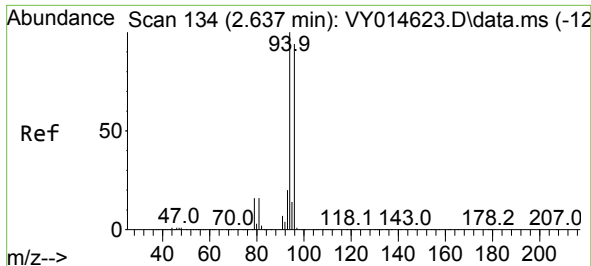
Tgt Ion: 62 Resp: 107908

Ion Ratio Lower Upper

62 100

64 32.4 24.3 36.5

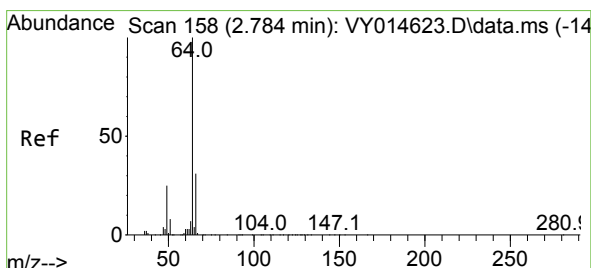
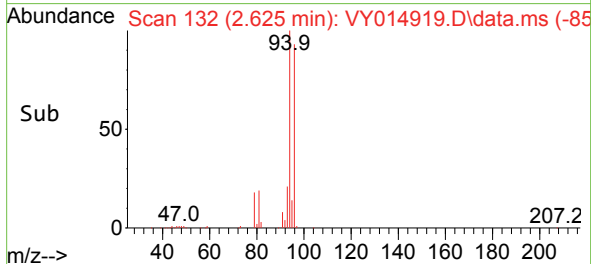
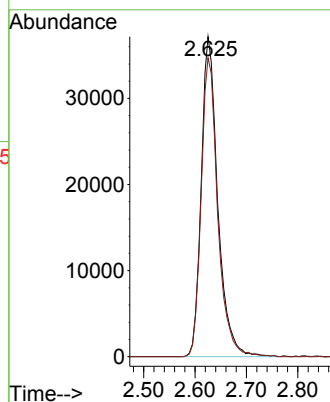
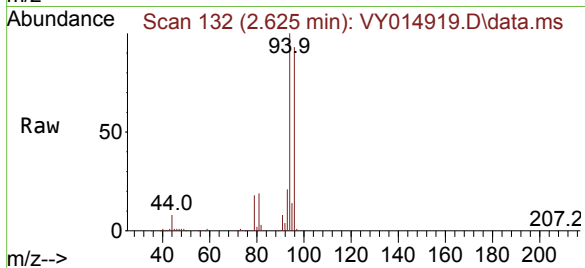




#5
Bromomethane
Concen: 62.340 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY014919.D
Acq: 28 Jul 2023 19:20

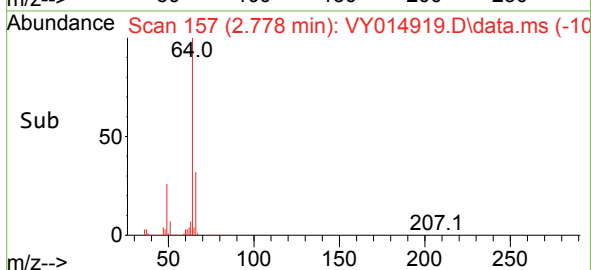
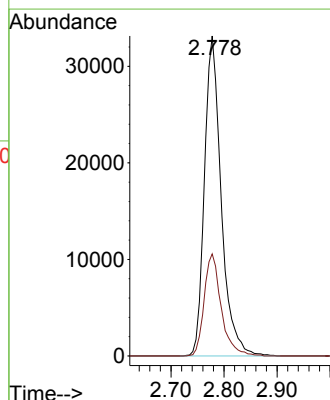
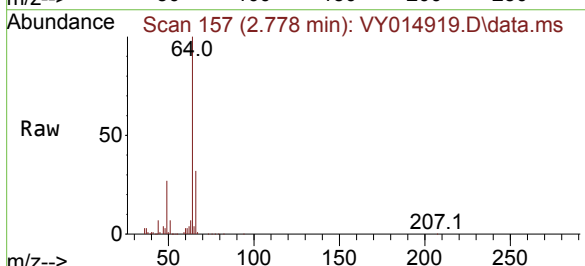
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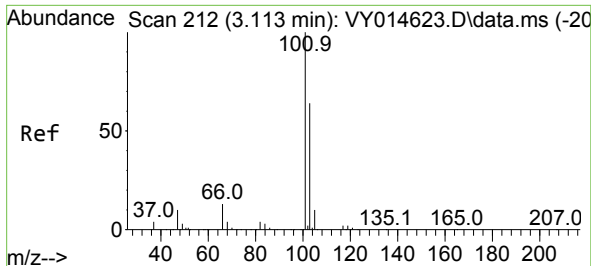
Tgt Ion: 94 Resp: 82898
Ion Ratio Lower Upper
94 100
96 93.4 75.8 113.6



#6
Chloroethane
Concen: 57.914 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY014919.D
Acq: 28 Jul 2023 19:20

Tgt Ion: 64 Resp: 72792
Ion Ratio Lower Upper
64 100
66 31.9 24.4 36.6

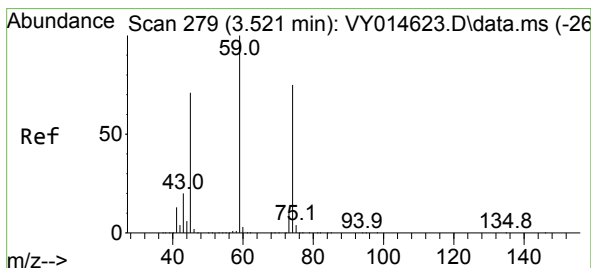
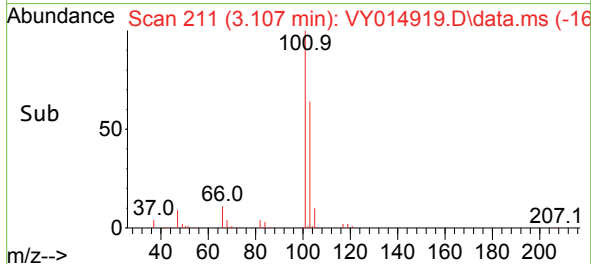
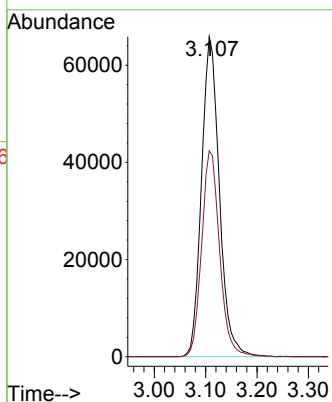
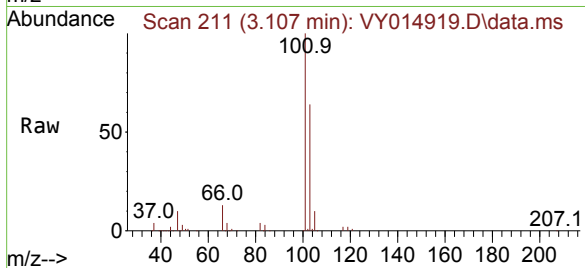




#7
Trichlorofluoromethane
Concen: 47.095 ug/l
RT: 3.107 min Scan# 212
Delta R.T. -0.006 min
Lab File: VY014919.D
Acq: 28 Jul 2023 19:20

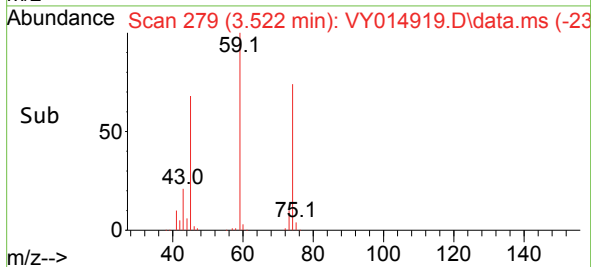
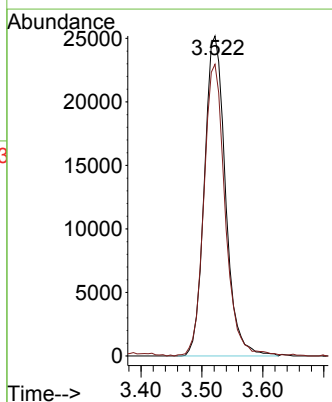
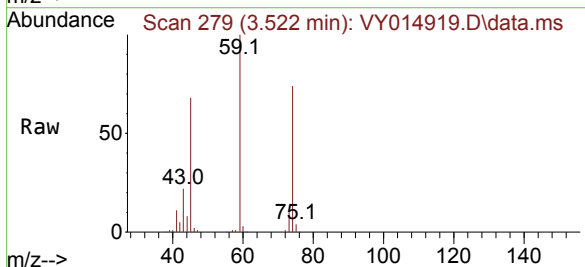
Instrument :
MSVOA_Y
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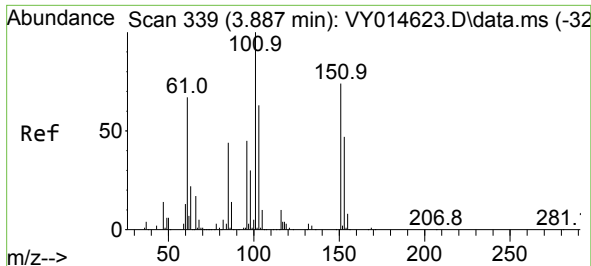
Tgt Ion:101 Resp: 159158
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.0



#8
Diethyl Ether
Concen: 48.116 ug/l
RT: 3.522 min Scan# 279
Delta R.T. 0.001 min
Lab File: VY014919.D
Acq: 28 Jul 2023 19:20

Tgt Ion: 74 Resp: 60502
Ion Ratio Lower Upper
74 100
45 92.3 51.5 154.5

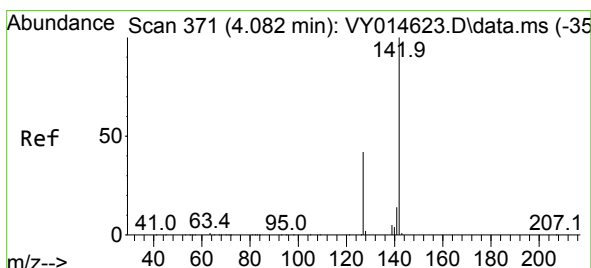
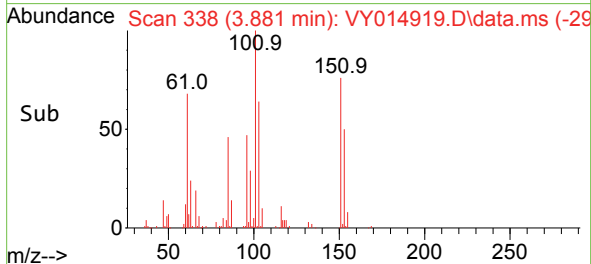
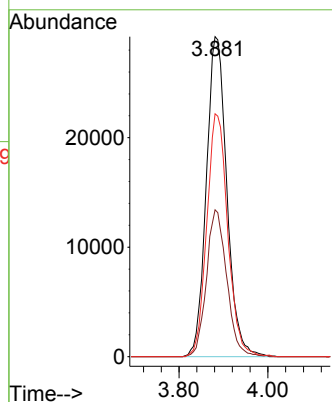
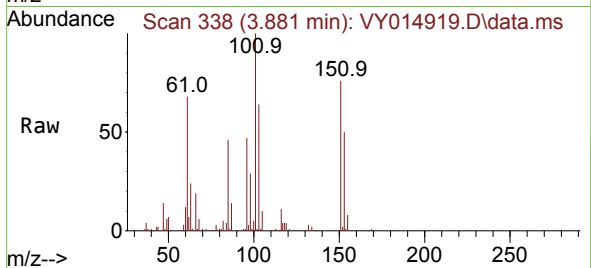




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.301 ug/l
RT: 3.881 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY014919.D
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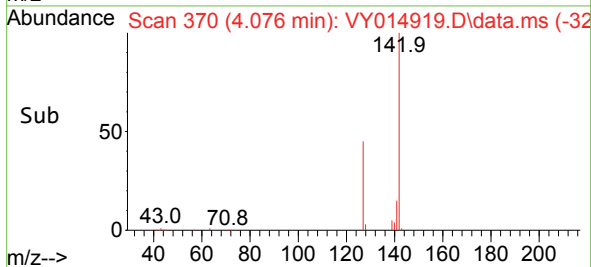
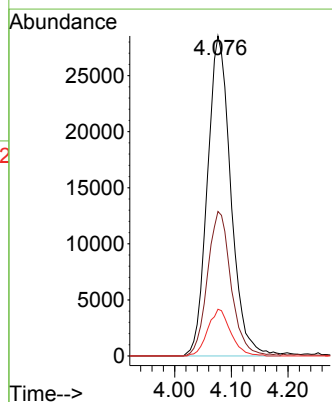
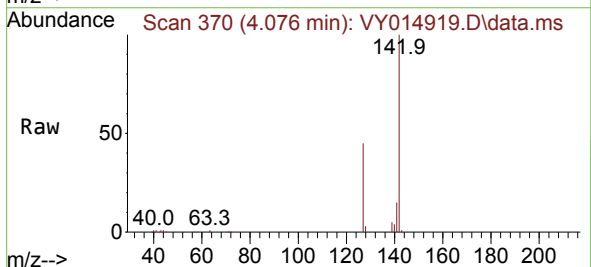
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

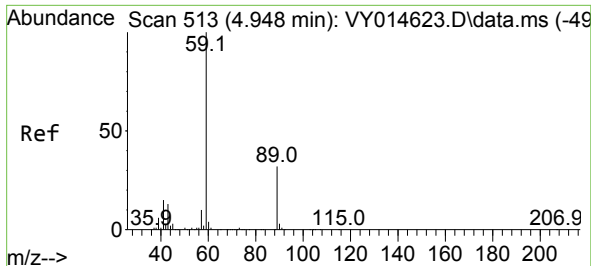
Tgt Ion:101 Resp: 93836
Ion Ratio Lower Upper
101 100
85 45.4 36.6 55.0
151 77.5 67.0 100.6



#10
Methyl Iodide
Concen: 37.895 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY014919.D
Acq: 28 Jul 2023 19:20

Tgt Ion:142 Resp: 81890
Ion Ratio Lower Upper
142 100
127 45.5 37.6 56.4
141 14.3 11.8 17.8

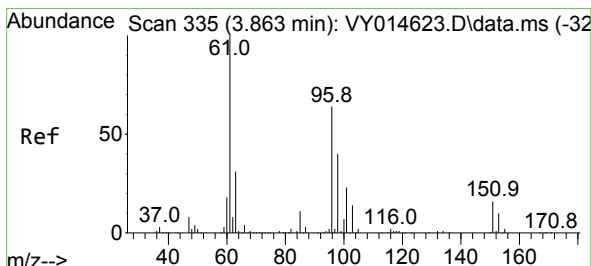
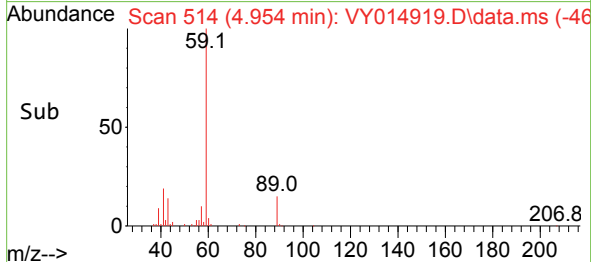
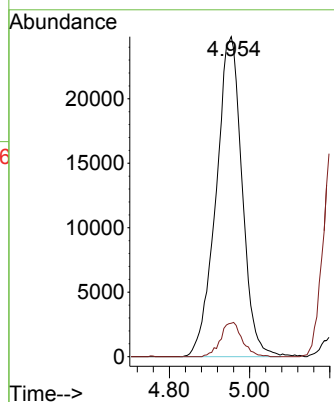
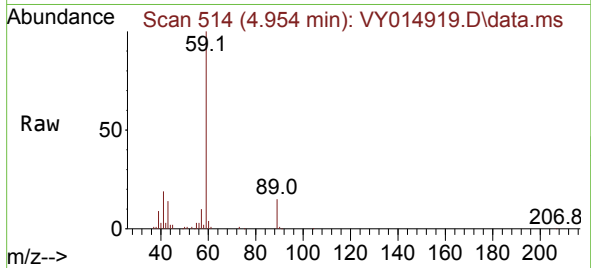




#11
Tert butyl alcohol
Concen: 240.131 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY014919.D
Acq: 28 Jul 2023 19:20

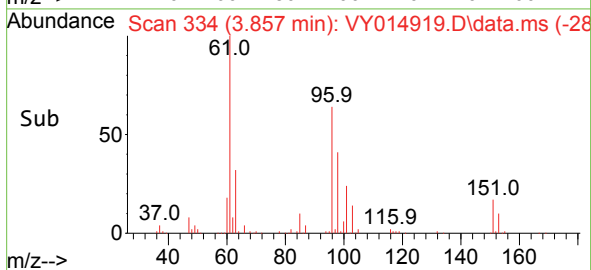
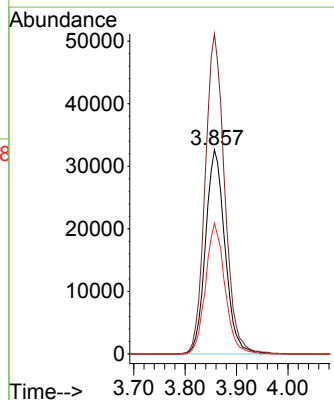
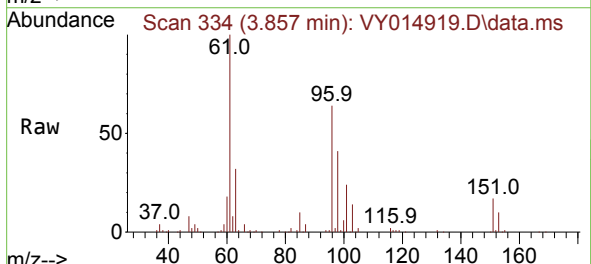
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

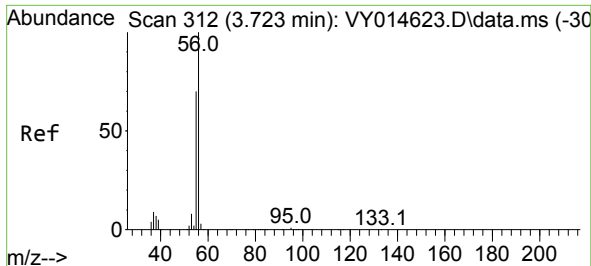
Tgt Ion: 59 Resp: 111585
Ion Ratio Lower Upper
59 100
57 8.9 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 44.392 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY014919.D
Acq: 28 Jul 2023 19:20

Tgt Ion: 96 Resp: 85941
Ion Ratio Lower Upper
96 100
61 156.7 136.4 204.6
98 64.0 49.4 74.2





#13

Acrolein

Concen: 146.673 ug/l

RT: 3.723 min Scan# 312

Delta R.T. -0.000 min

Lab File: VY014919.D

Acq: 28 Jul 2023 19:20

Instrument :

MSVOA_Y

ClientSampleId :

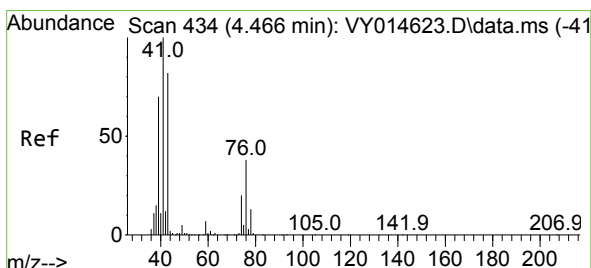
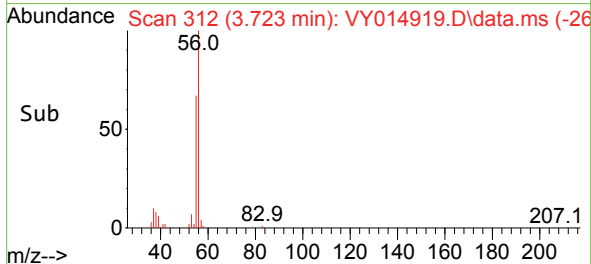
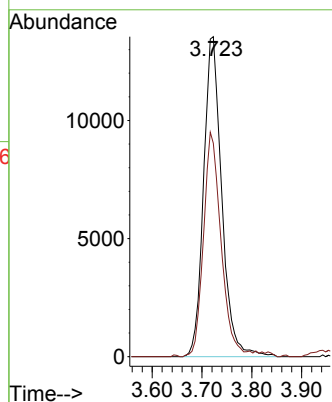
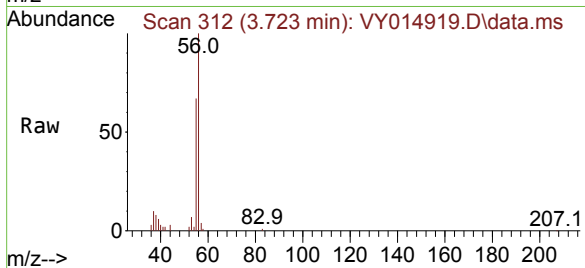
VSTDCCC050EC

Tgt Ion: 56 Resp: 34344

Ion Ratio Lower Upper

56 100

55 67.5 57.0 85.4



#14

Allyl chloride

Concen: 41.116 ug/l

RT: 4.466 min Scan# 434

Delta R.T. 0.000 min

Lab File: VY014919.D

Acq: 28 Jul 2023 19:20

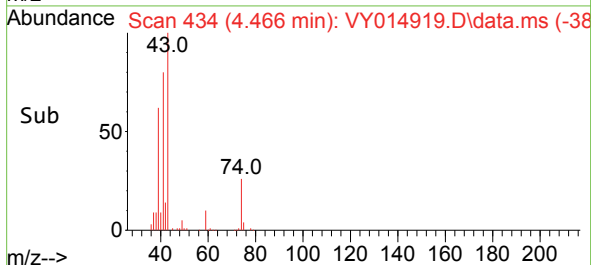
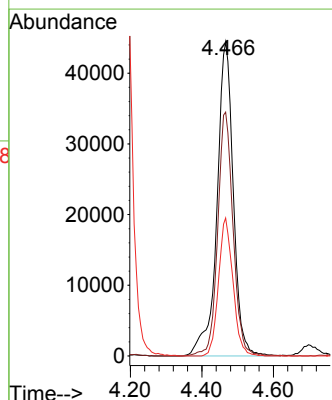
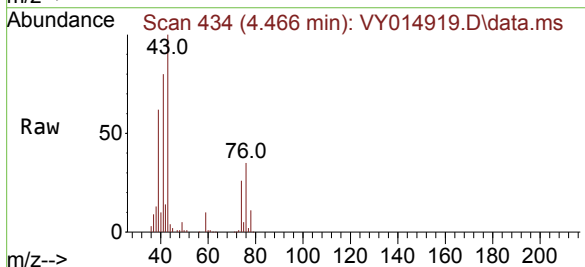
Tgt Ion: 41 Resp: 141332

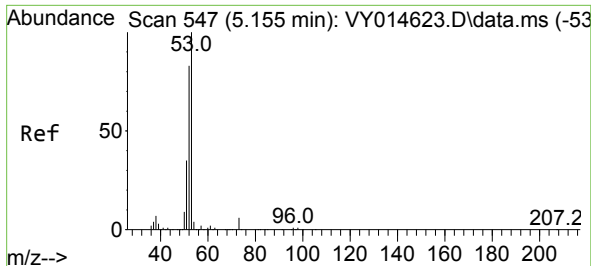
Ion Ratio Lower Upper

41 100

39 72.8 58.0 87.0

76 38.7 27.4 41.2

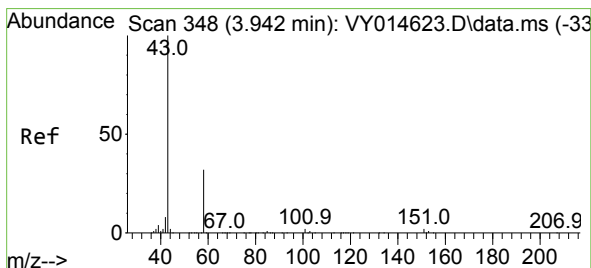
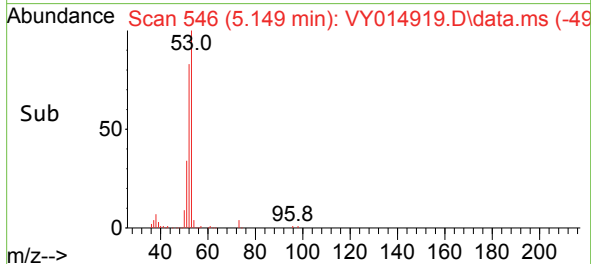
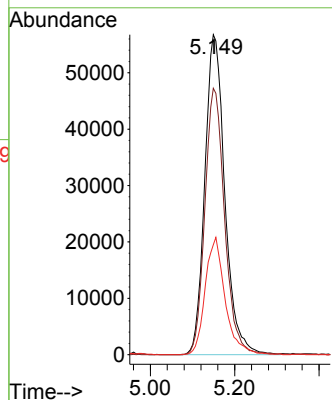
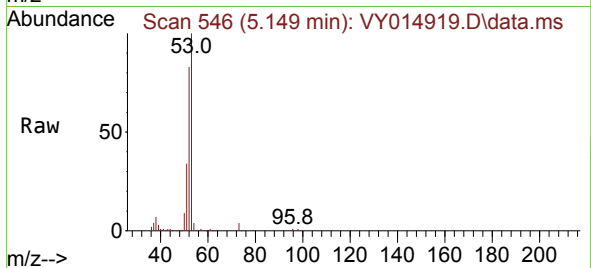




#15
Acrylonitrile
Concen: 270.811 ug/l
RT: 5.149 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY014919.D
Acq: 28 Jul 2023 19:20

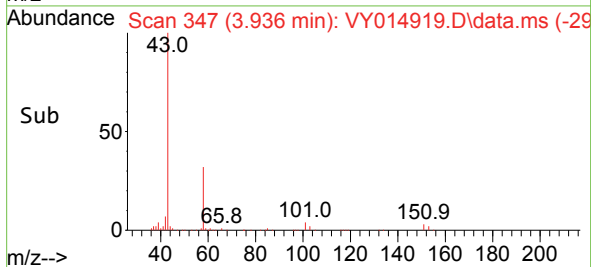
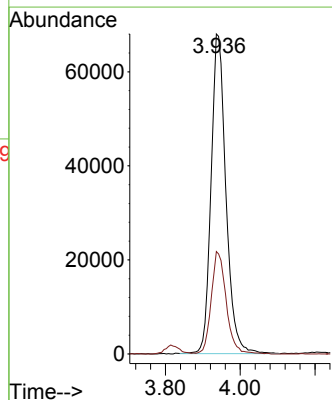
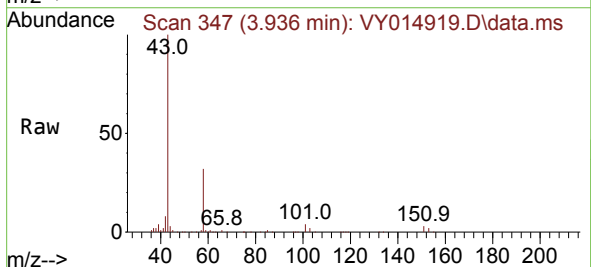
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

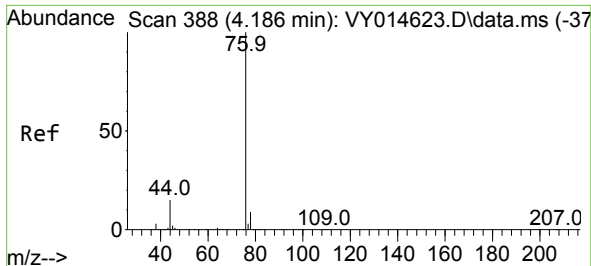
Tgt Ion: 53 Resp: 187775
Ion Ratio Lower Upper
53 100
52 82.3 66.9 100.3
51 36.5 29.8 44.6



#16
Acetone
Concen: 264.234 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY014919.D
Acq: 28 Jul 2023 19:20

Tgt Ion: 43 Resp: 187585
Ion Ratio Lower Upper
43 100
58 32.0 22.7 34.1

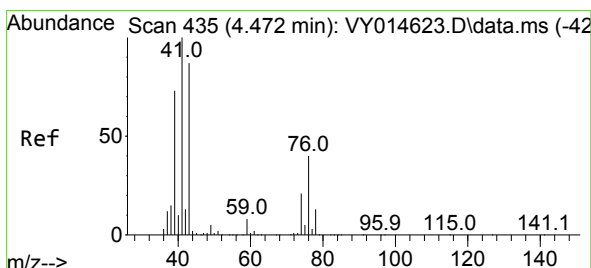
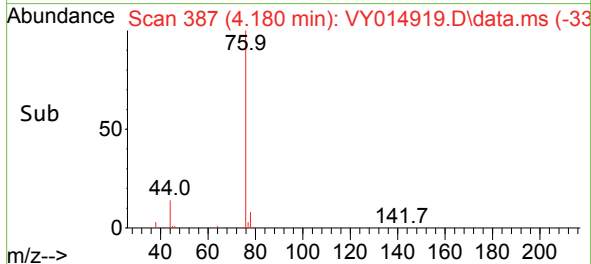
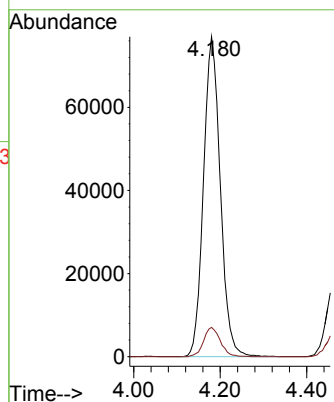
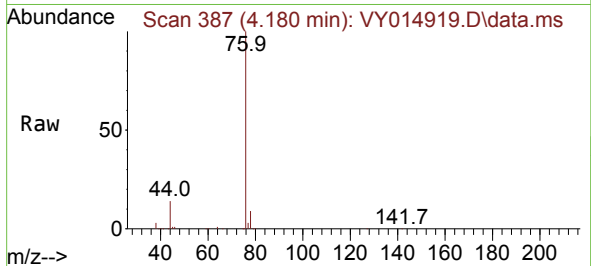




#17
Carbon Disulfide
Concen: 37.448 ug/l
RT: 4.180 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY014919.D
Acq: 28 Jul 2023 19:20

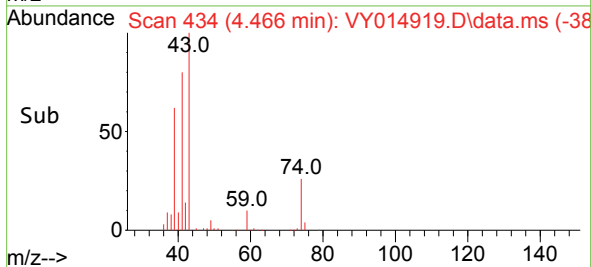
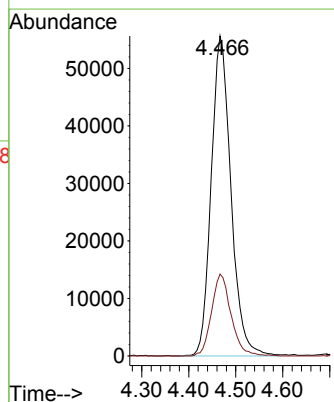
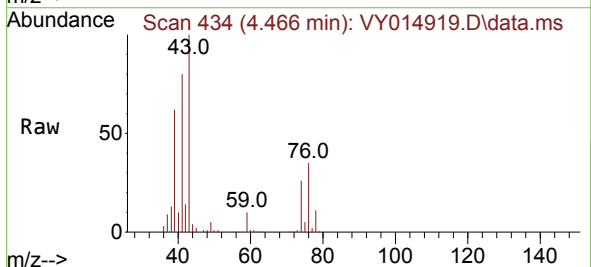
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

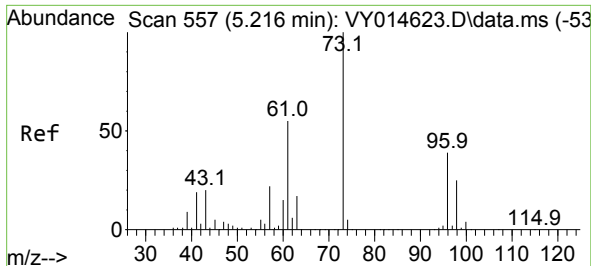
Tgt Ion: 76 Resp: 207560
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4



#18
Methyl Acetate
Concen: 59.540 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY014919.D
Acq: 28 Jul 2023 19:20

Tgt Ion: 43 Resp: 162206
Ion Ratio Lower Upper
43 100
74 25.2 17.4 26.0

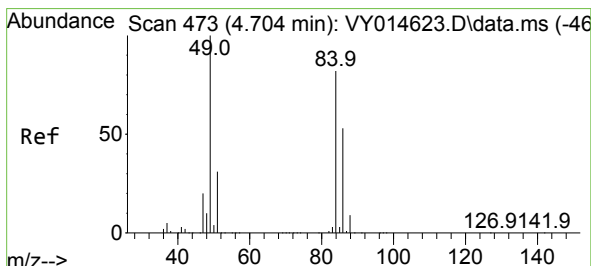
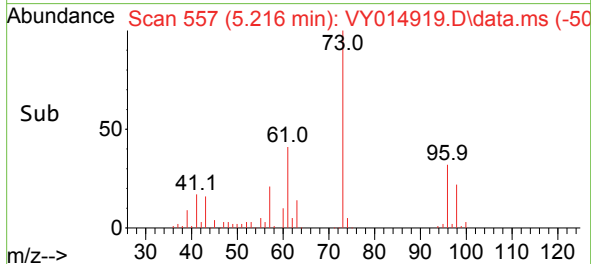
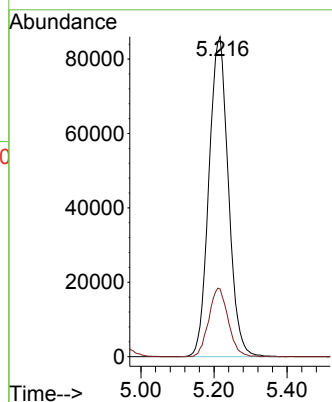
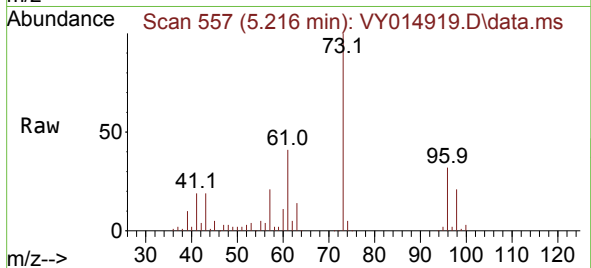




#19
Methyl tert-butyl Ether
Concen: 50.350 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014919.D
Acq: 28 Jul 2023 19:20

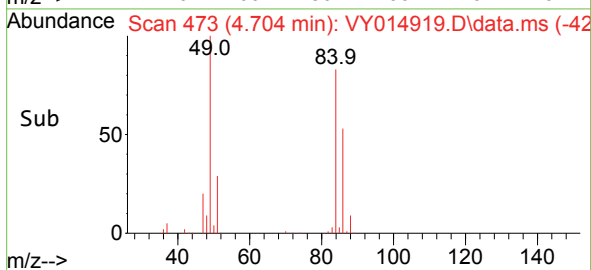
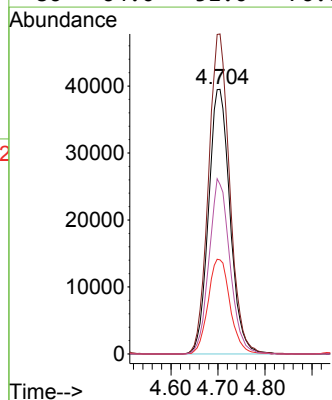
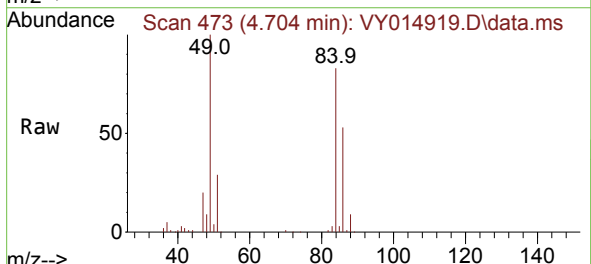
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

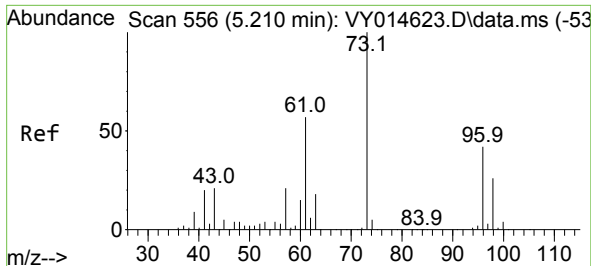
Tgt Ion: 73 Resp: 316638
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9



#20
Methylene Chloride
Concen: 54.739 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY014919.D
Acq: 28 Jul 2023 19:20

Tgt Ion: 84 Resp: 125317
Ion Ratio Lower Upper
84 100
49 120.9 106.9 160.3
51 35.6 33.2 49.8
86 64.0 51.0 76.6

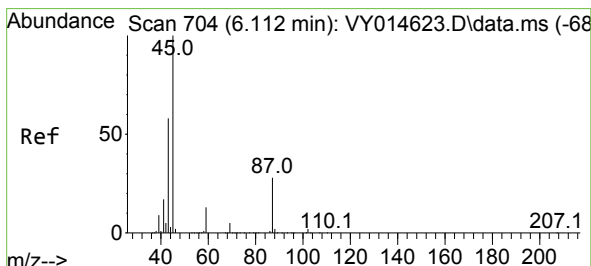
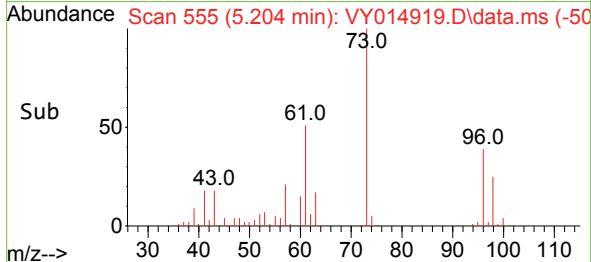
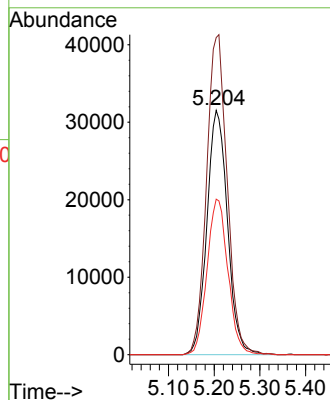
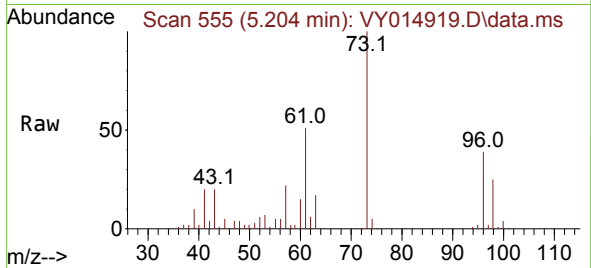




#21
trans-1,2-Dichloroethene
Concen: 44.885 ug/l
RT: 5.204 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014919.D
Acq: 28 Jul 2023 19:20

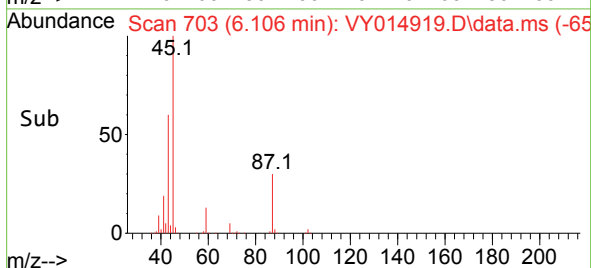
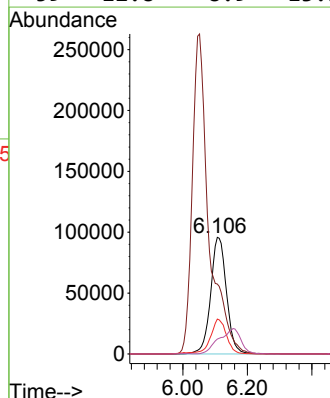
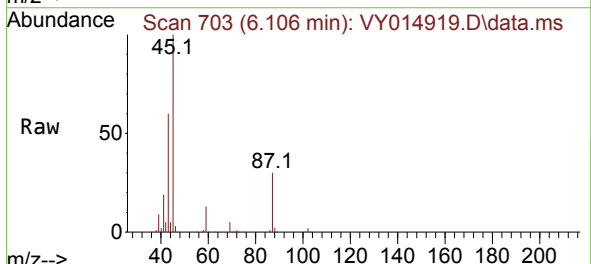
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

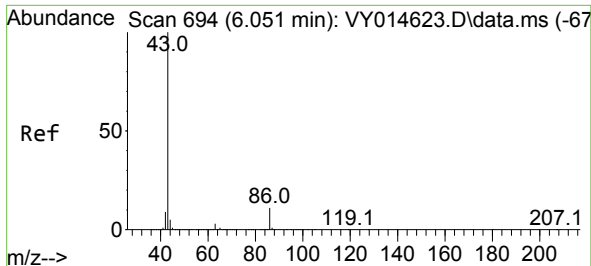
Tgt Ion: 96 Resp: 98614
Ion Ratio Lower Upper
96 100
61 129.8 110.2 165.4
98 63.7 51.8 77.6



#22
Diisopropyl ether
Concen: 46.613 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.006 min
Lab File: VY014919.D
Acq: 28 Jul 2023 19:20

Tgt Ion: 45 Resp: 325761
Ion Ratio Lower Upper
45 100
43 59.9 52.2 78.4
87 29.9 21.0 31.6
59 12.8 8.9 13.3

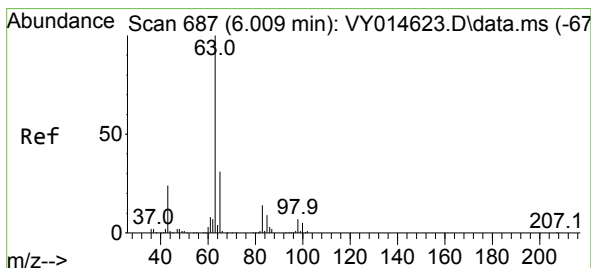
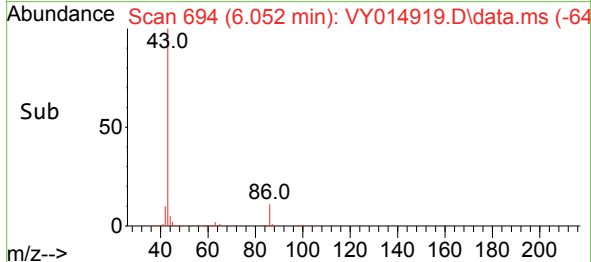
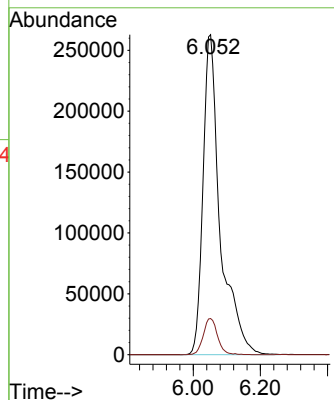
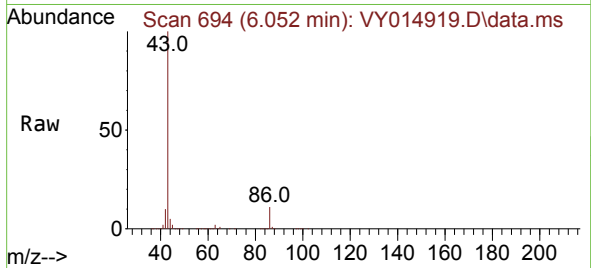




#23
 Vinyl Acetate
 Concen: 223.751 ug/l
 RT: 6.052 min Scan# 694
 Delta R.T. 0.001 min
 Lab File: VY014919.D
 Acq: 28 Jul 2023 19:20

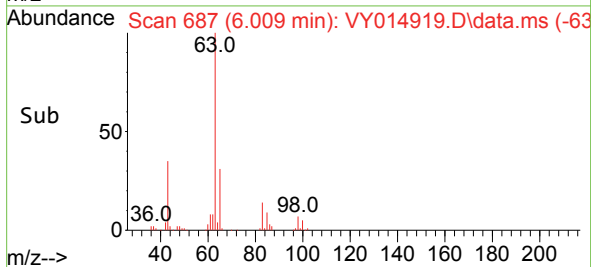
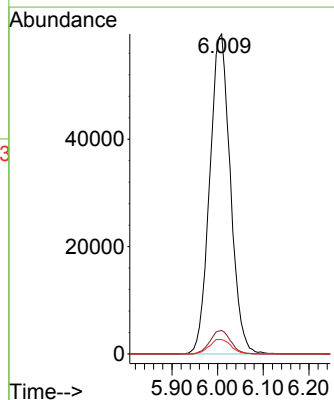
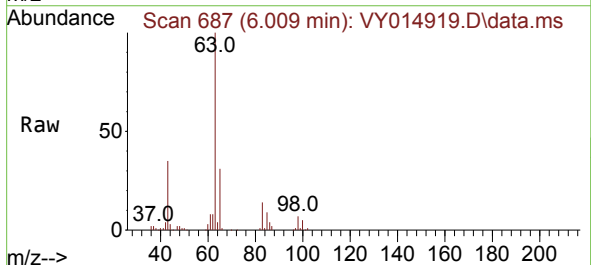
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

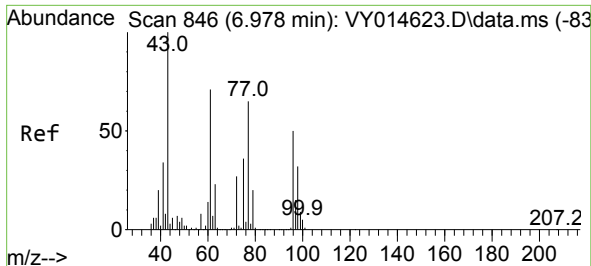
Tgt Ion: 43 Resp: 935766
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 46.705 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY014919.D
 Acq: 28 Jul 2023 19:20

Tgt Ion: 63 Resp: 186761
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.1 9.4
 100 4.5 1.8 5.5

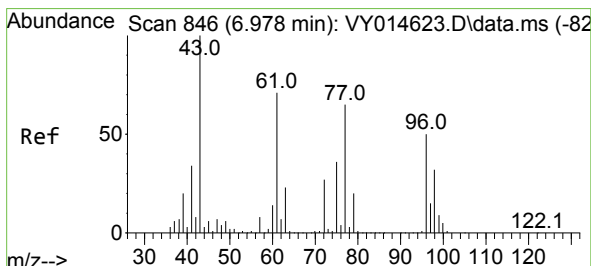
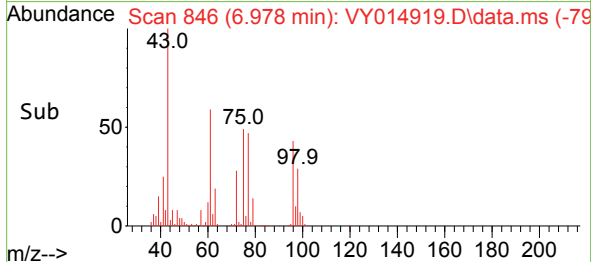
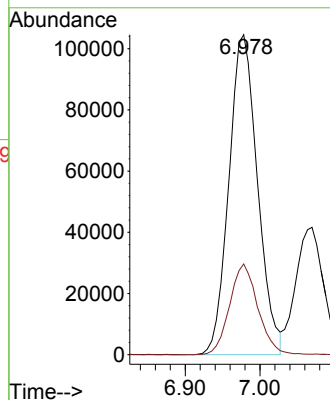
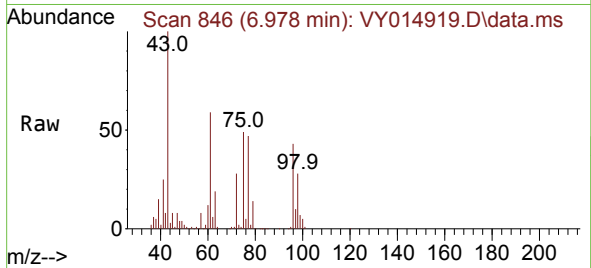




#25
2-Butanone
Concen: 268.490 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014919.D
Acq: 28 Jul 2023 19:20

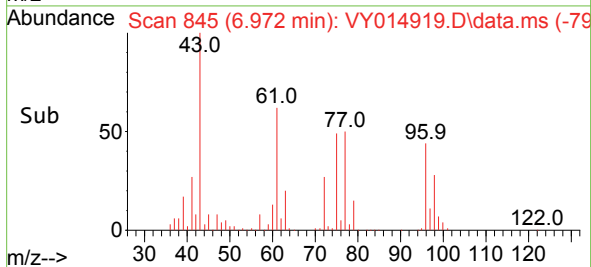
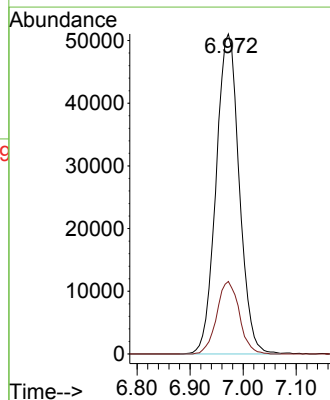
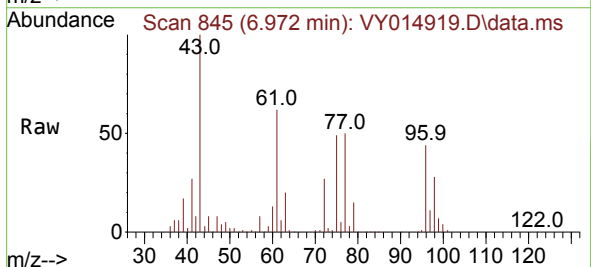
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

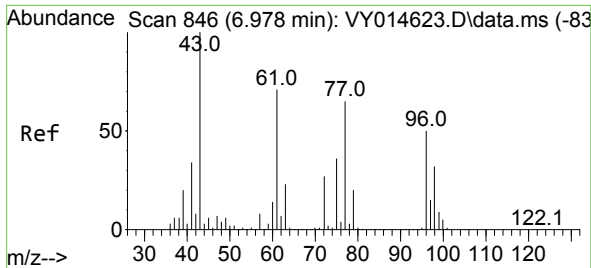
Tgt Ion: 43 Resp: 278856
Ion Ratio Lower Upper
43 100
72 28.3 20.5 30.7



#26
2,2-Dichloropropane
Concen: 40.661 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY014919.D
Acq: 28 Jul 2023 19:20

Tgt Ion: 77 Resp: 154961
Ion Ratio Lower Upper
77 100
97 22.0 10.9 32.9

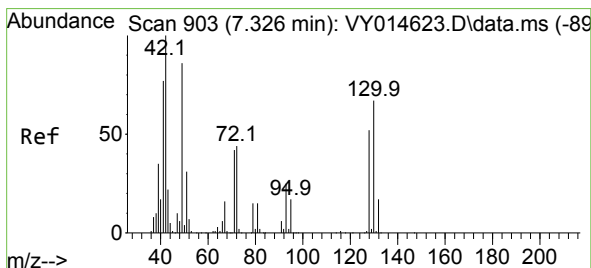
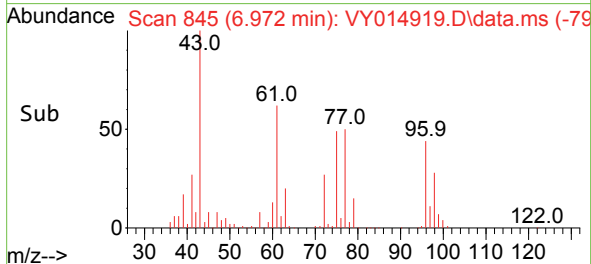
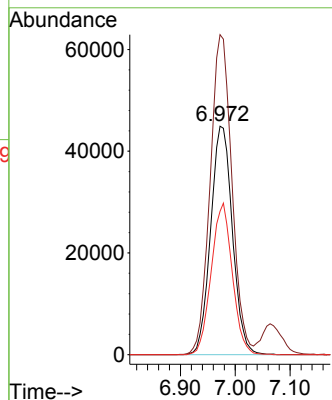
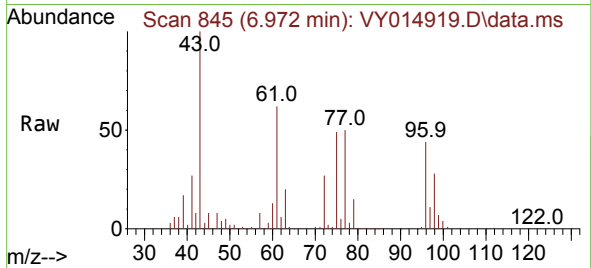




#27
 cis-1,2-Dichloroethene
 Concen: 48.389 ug/l
 RT: 6.972 min Scan# 846
 Delta R.T. -0.006 min
 Lab File: VY014919.D
 Acq: 28 Jul 2023 19:20

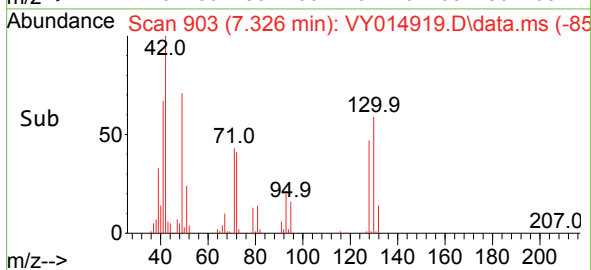
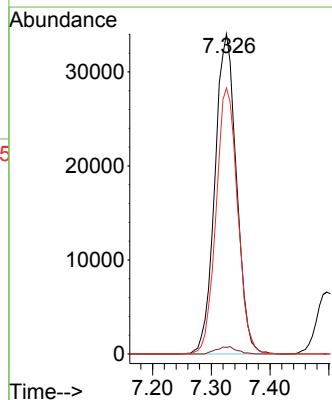
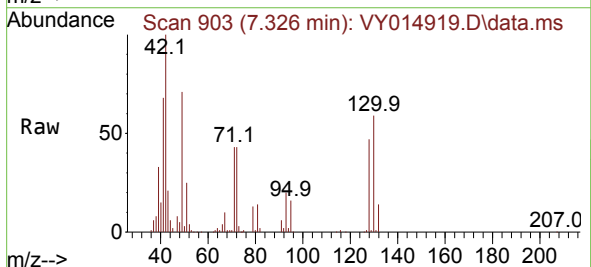
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

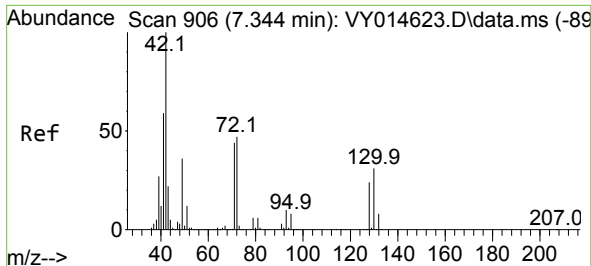
Tgt Ion: 96 Resp: 123746
 Ion Ratio Lower Upper
 96 100
 61 140.2 0.0 301.4
 98 64.2 0.0 130.4



#28
 Bromochloromethane
 Concen: 50.386 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.000 min
 Lab File: VY014919.D
 Acq: 28 Jul 2023 19:20

Tgt Ion: 49 Resp: 86774
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 82.9 60.7 91.1

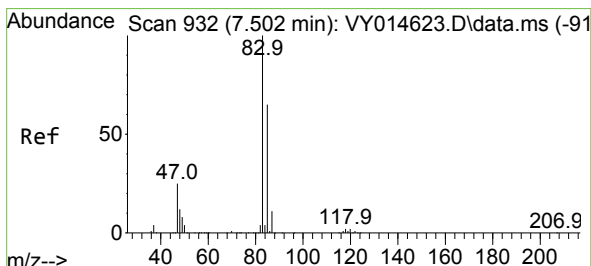
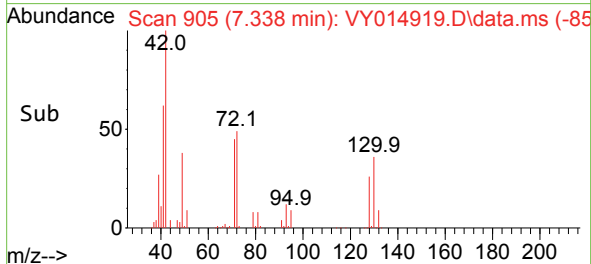
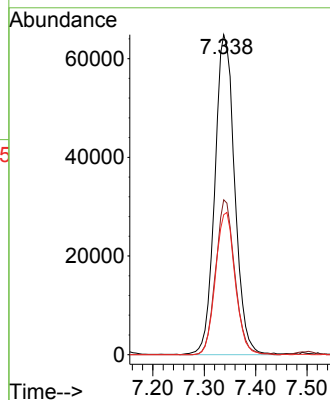
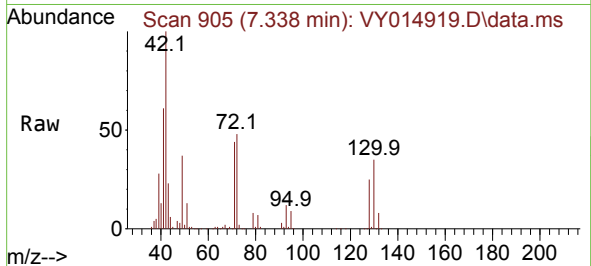




#29
Tetrahydrofuran
Concen: 272.619 ug/l
RT: 7.338 min Scan# 905
Delta R.T. -0.006 min
Lab File: VY014919.D
Acq: 28 Jul 2023 19:20

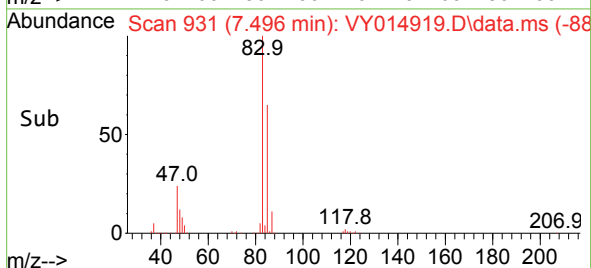
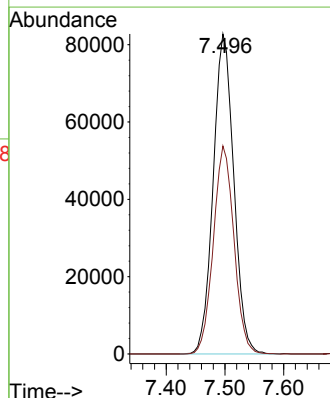
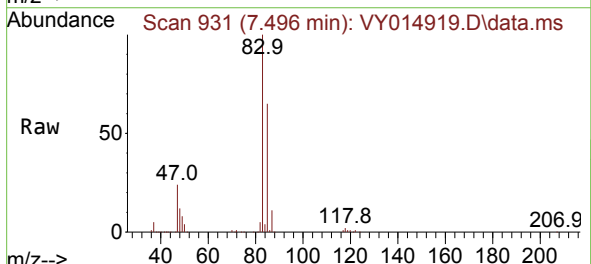
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

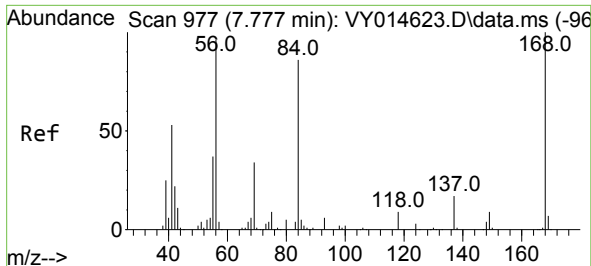
Tgt Ion: 42 Resp: 174347
Ion Ratio Lower Upper
42 100
72 46.6 32.8 49.2
71 43.9 31.0 46.4



#30
Chloroform
Concen: 48.866 ug/l
RT: 7.496 min Scan# 931
Delta R.T. -0.006 min
Lab File: VY014919.D
Acq: 28 Jul 2023 19:20

Tgt Ion: 83 Resp: 201501
Ion Ratio Lower Upper
83 100
85 65.0 49.7 74.5

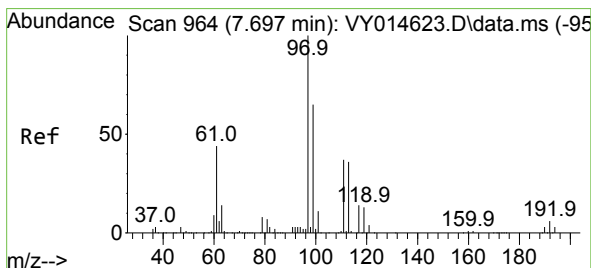
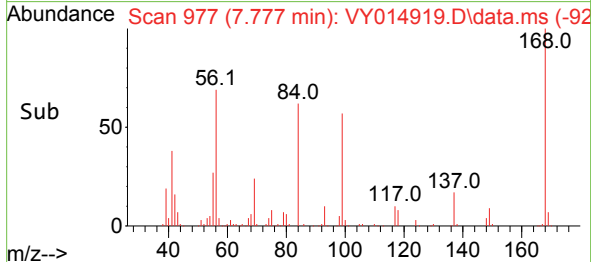
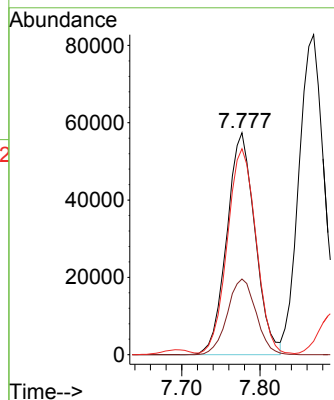
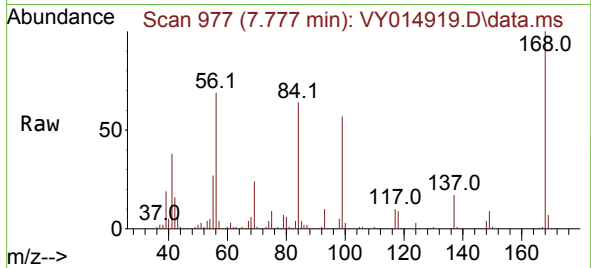




#31
Cyclohexane
Concen: 38.724 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014919.D
Acq: 28 Jul 2023 19:20

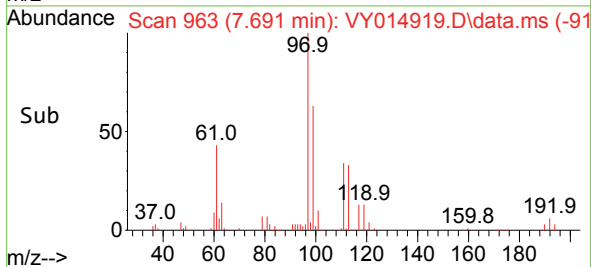
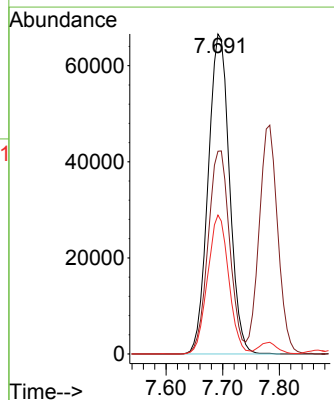
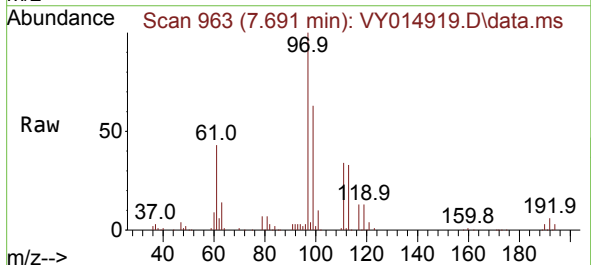
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

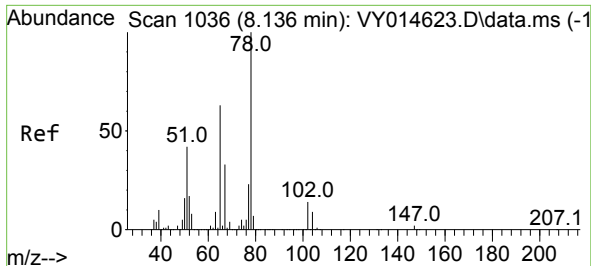
Tgt Ion: 56 Resp: 144010
Ion Ratio Lower Upper
56 100
69 34.1 27.8 41.6
84 91.0 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 46.777 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.006 min
Lab File: VY014919.D
Acq: 28 Jul 2023 19:20

Tgt Ion: 97 Resp: 173600
Ion Ratio Lower Upper
97 100
99 64.6 50.8 76.2
61 43.2 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 49.740 ug/l

RT: 8.137 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY014919.D

Acq: 28 Jul 2023 19:20

Instrument :

MSVOA_Y

ClientSampleId :

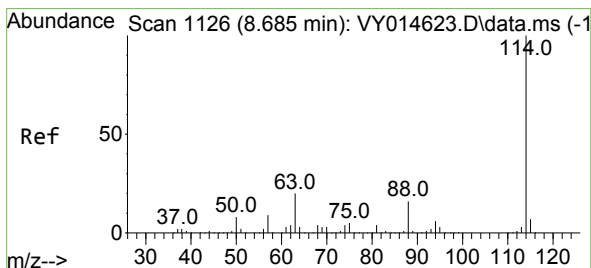
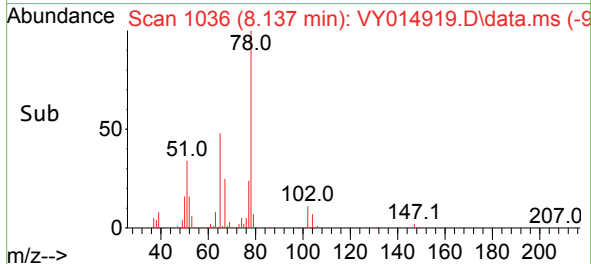
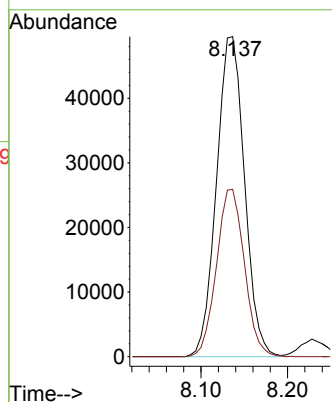
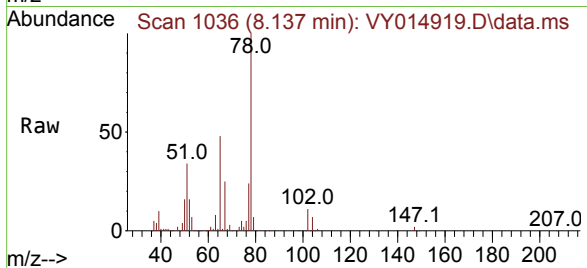
VSTDCCC050EC

Tgt Ion: 65 Resp: 111432

Ion Ratio Lower Upper

65 100

67 52.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014919.D

Acq: 28 Jul 2023 19:20

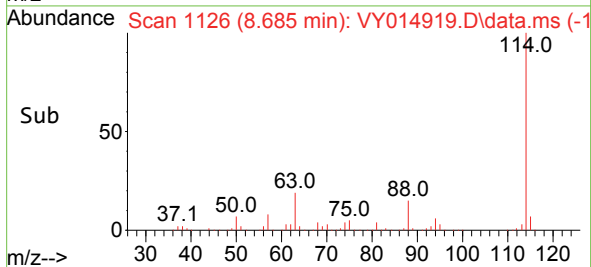
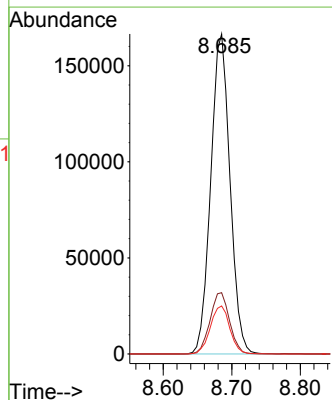
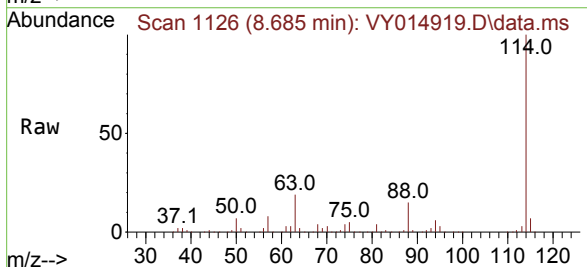
Tgt Ion: 114 Resp: 324911

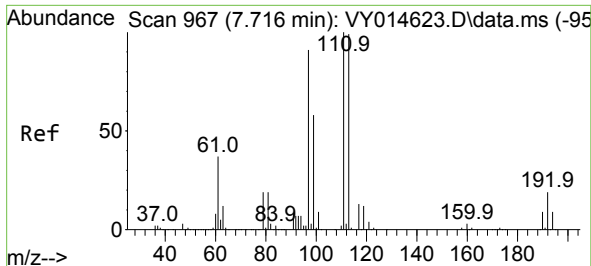
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 15.0 0.0 30.6

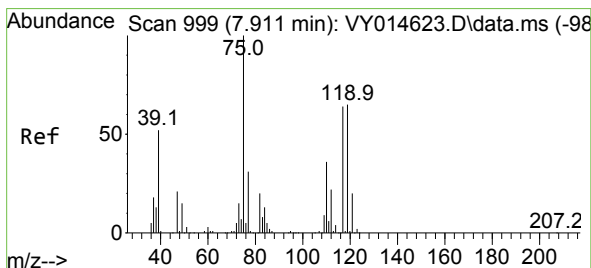
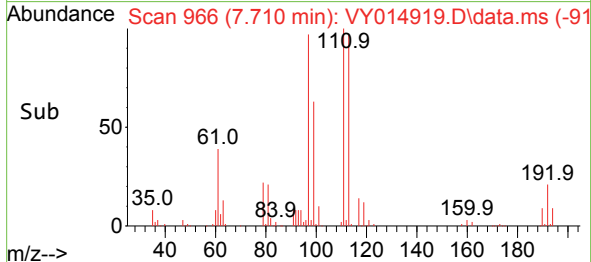
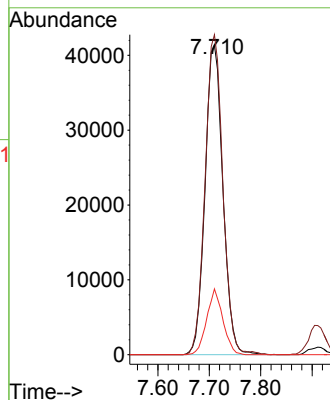
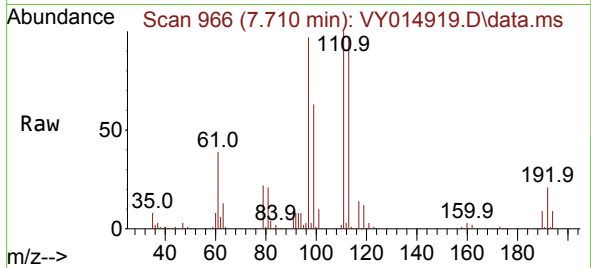




#35
Dibromofluoromethane
Concen: 48.212 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY014919.D
Acq: 28 Jul 2023 19:20

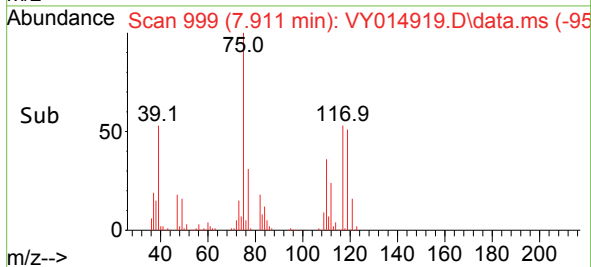
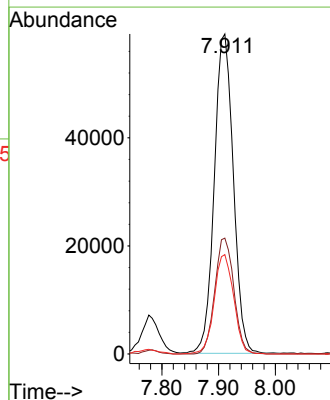
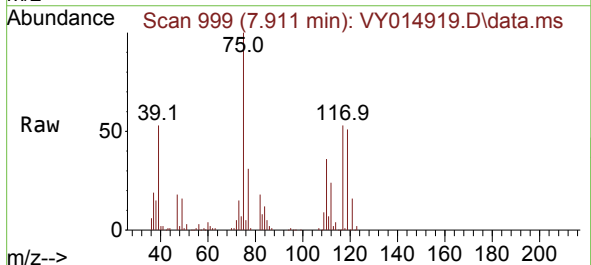
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

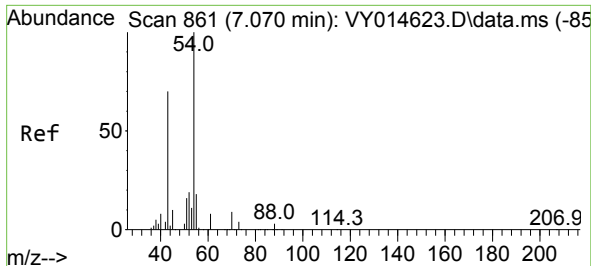
Tgt Ion:113 Resp: 99717
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 19.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 44.660 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY014919.D
Acq: 28 Jul 2023 19:20

Tgt Ion: 75 Resp: 138138
Ion Ratio Lower Upper
75 100
110 36.3 17.8 53.5
77 31.8 24.4 36.6





#37

Ethyl Acetate

Concen: 52.692 ug/l

RT: 7.070 min Scan# 8

Delta R.T. -0.000 min

Lab File: VY014919.D

Acq: 28 Jul 2023 19:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

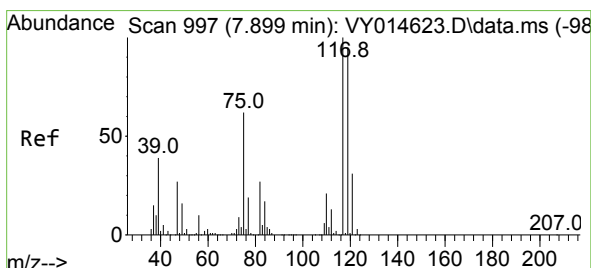
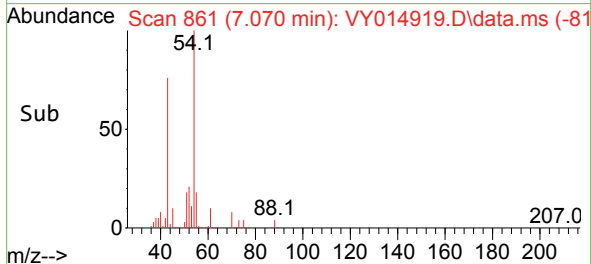
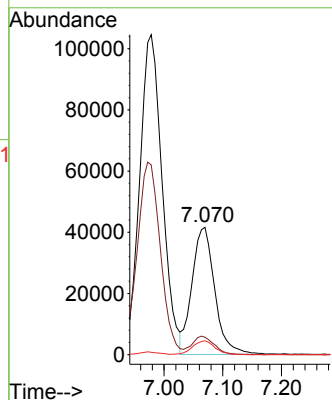
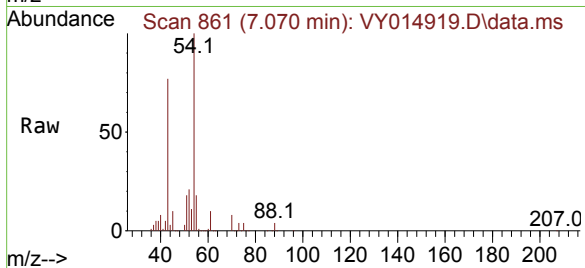
Tgt Ion: 43 Resp: 112211

Ion Ratio Lower Upper

43 100

61 14.2 10.1 15.1

70 10.7 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 46.897 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.006 min

Lab File: VY014919.D

Acq: 28 Jul 2023 19:20

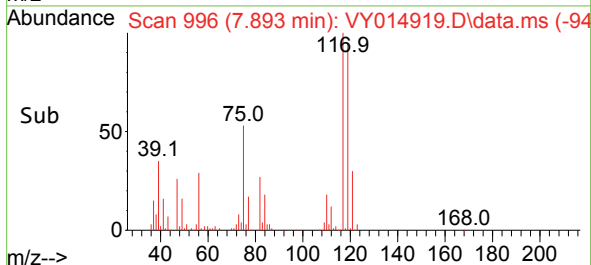
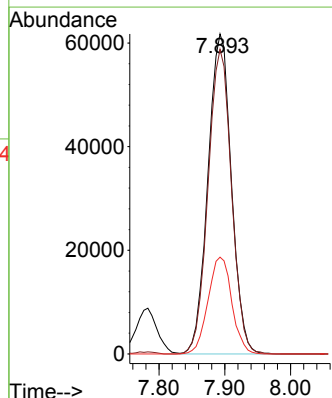
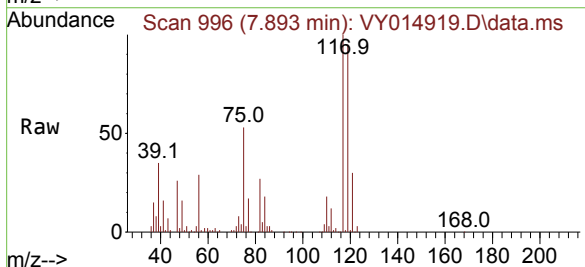
Tgt Ion: 117 Resp: 153337

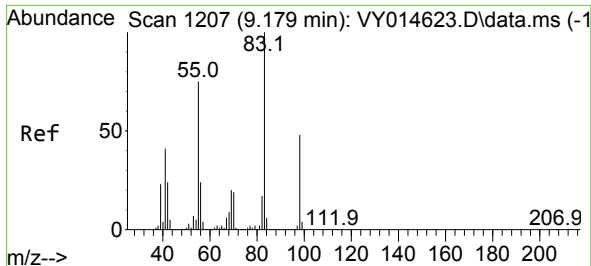
Ion Ratio Lower Upper

117 100

119 95.2 76.4 114.6

121 30.3 25.8 38.6





#39

Methylcyclohexane

Concen: 42.179 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014919.D

Acq: 28 Jul 2023 19:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

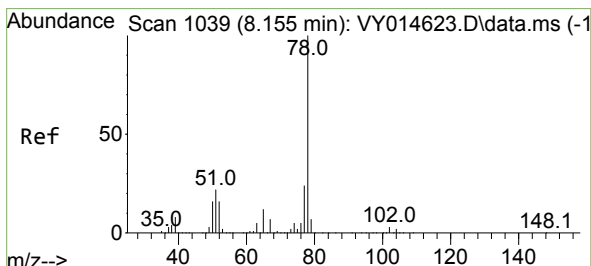
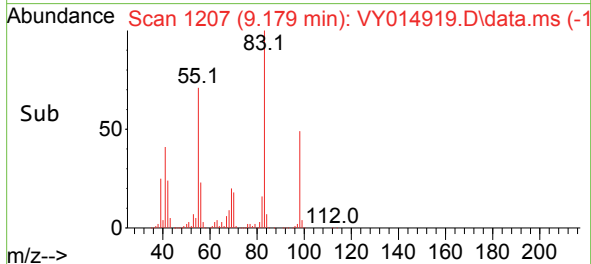
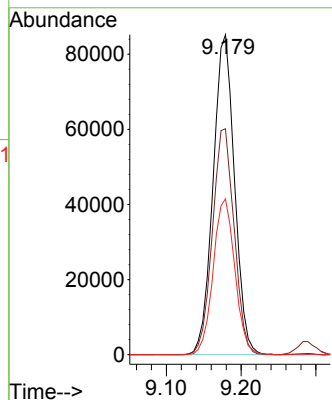
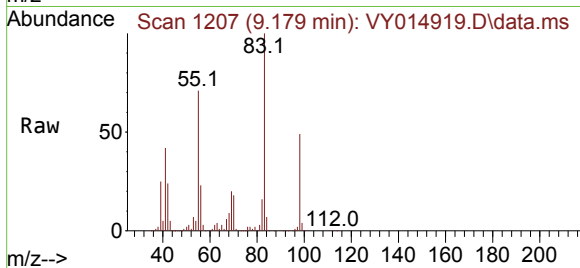
Tgt Ion: 83 Resp: 169969

Ion Ratio Lower Upper

83 100

55 70.6 63.0 94.4

98 48.7 37.4 56.2



#40

Benzene

Concen: 46.977 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY014919.D

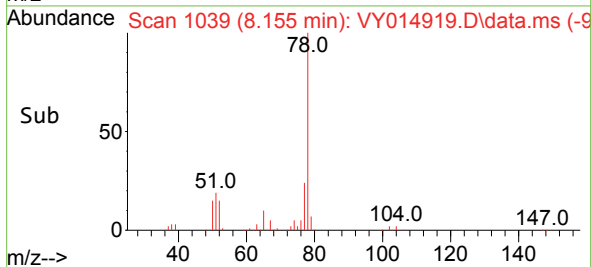
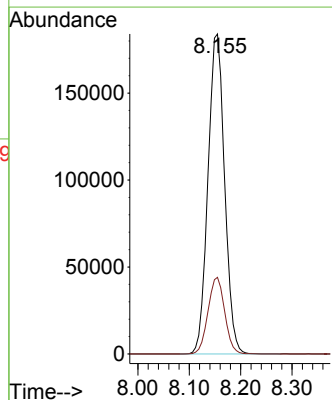
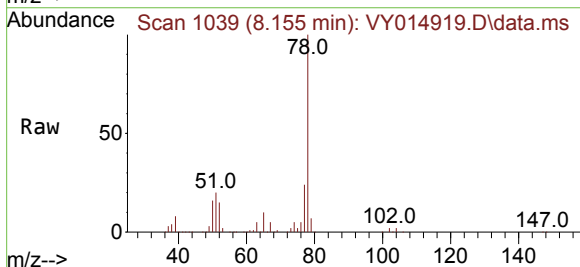
Acq: 28 Jul 2023 19:20

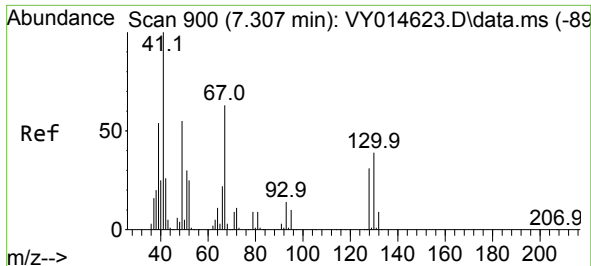
Tgt Ion: 78 Resp: 413253

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.6

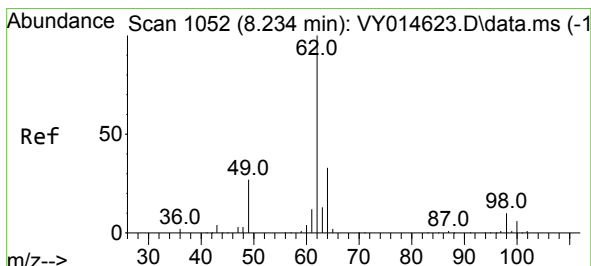
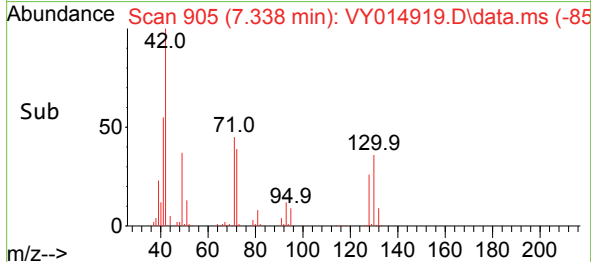
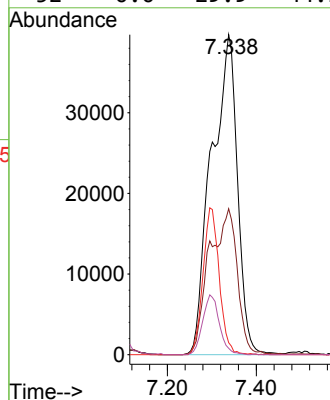
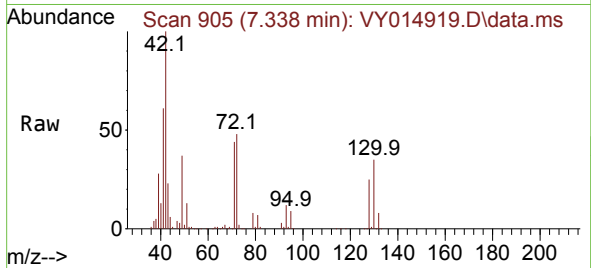




#41
Methacrylonitrile
Concen: 146.679 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.031 min
Lab File: VY014919.D
Acq: 28 Jul 2023 19:20

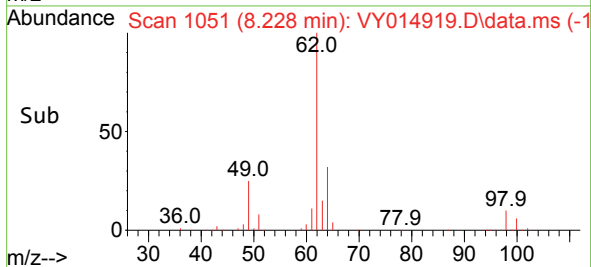
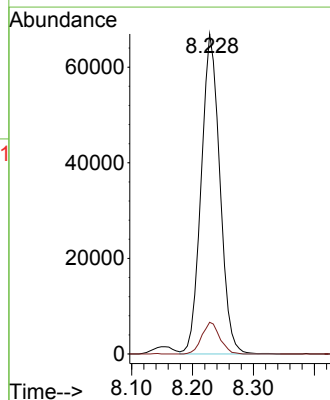
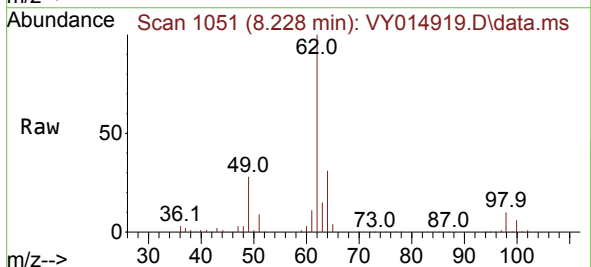
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

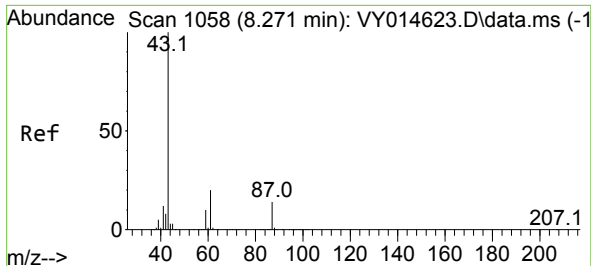
Tgt Ion: 41 Resp: 160667
Ion Ratio Lower Upper
41 100
39 25.4 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 51.184 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY014919.D
Acq: 28 Jul 2023 19:20

Tgt Ion: 62 Resp: 142585
Ion Ratio Lower Upper
62 100
98 9.5 0.0 15.8

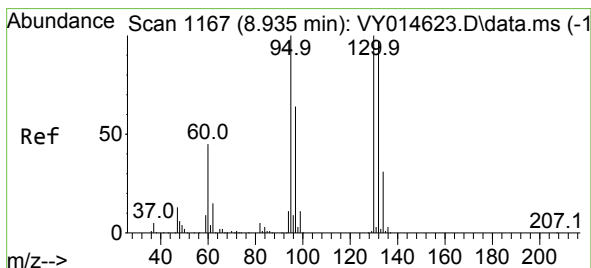
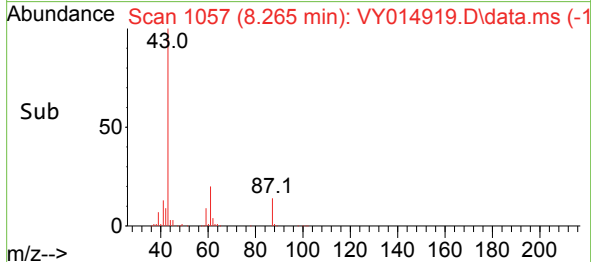
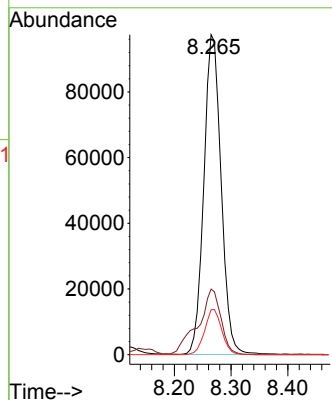
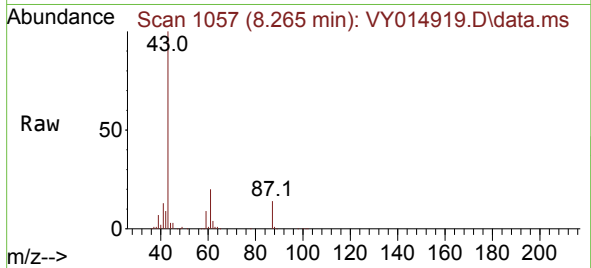




#43
Isopropyl Acetate
Concen: 50.753 ug/l
RT: 8.265 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VY014919.D
Acq: 28 Jul 2023 19:20

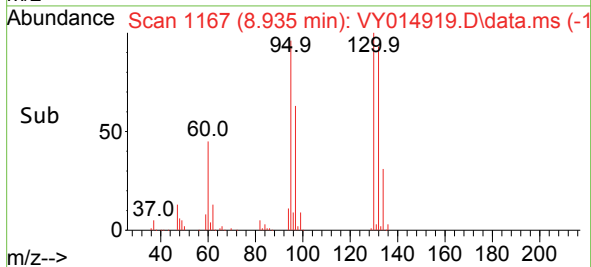
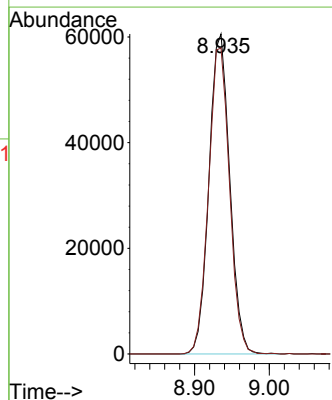
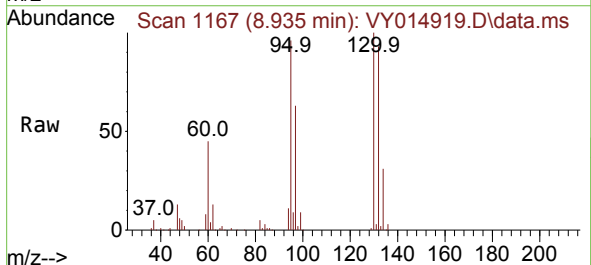
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

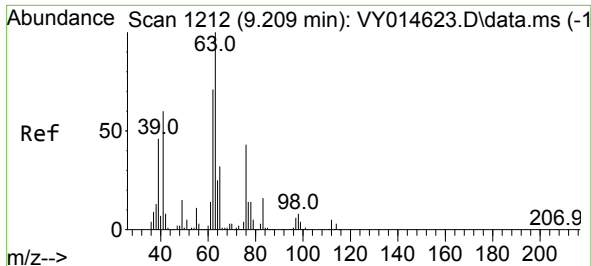
Tgt Ion: 43 Resp: 205889
Ion Ratio Lower Upper
43 100
61 27.4 21.1 31.7
87 14.1 9.8 14.8



#44
Trichloroethene
Concen: 47.490 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY014919.D
Acq: 28 Jul 2023 19:20

Tgt Ion:130 Resp: 116887
Ion Ratio Lower Upper
130 100
95 95.6 0.0 196.0





#45

1,2-Dichloropropane

Concen: 47.728 ug/l

RT: 9.210 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014919.D

Acq: 28 Jul 2023 19:20

Instrument :

MSVOA_Y

ClientSampleId :

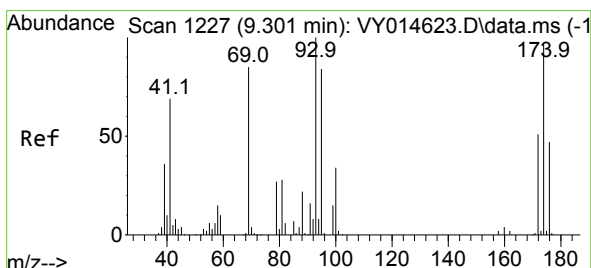
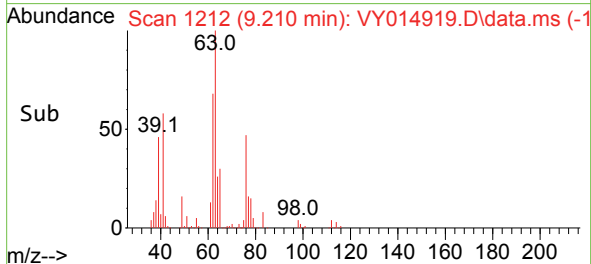
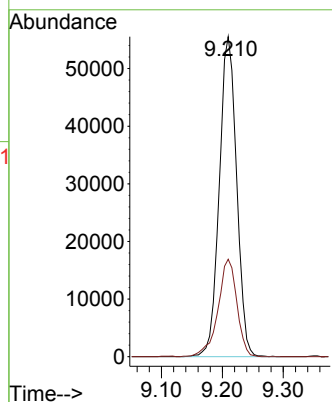
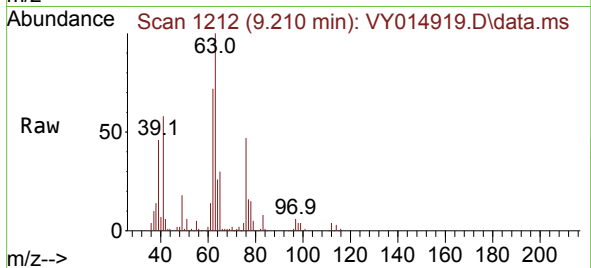
VSTDCCC050EC

Tgt Ion: 63 Resp: 109635

Ion Ratio Lower Upper

63 100

65 30.5 23.8 35.6



#46

Dibromomethane

Concen: 51.551 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.006 min

Lab File: VY014919.D

Acq: 28 Jul 2023 19:20

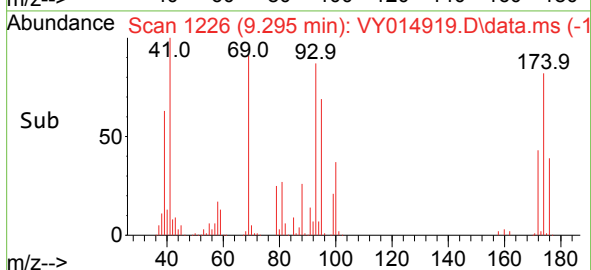
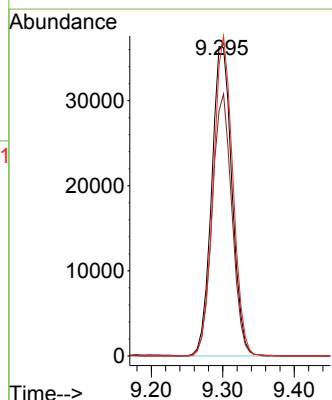
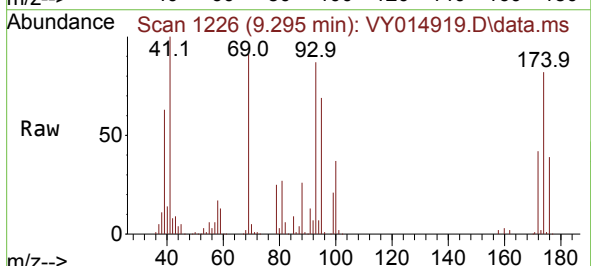
Tgt Ion: 93 Resp: 71837

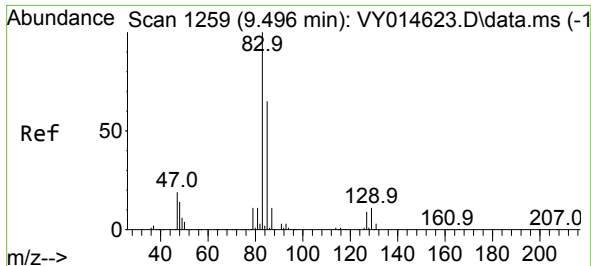
Ion Ratio Lower Upper

93 100

95 82.1 66.6 100.0

174 99.0 84.8 127.2

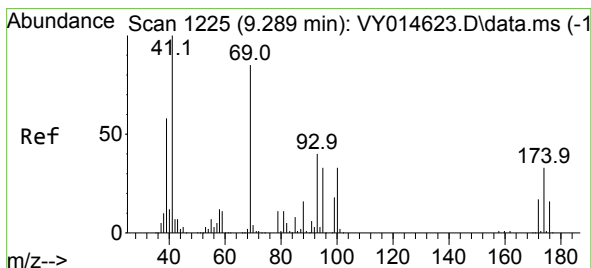
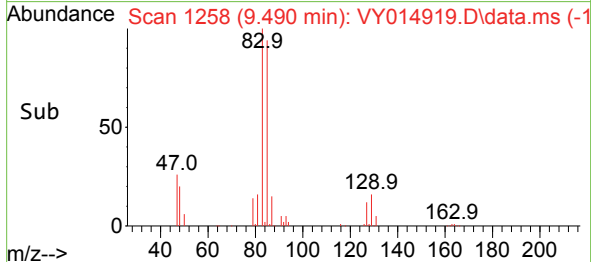
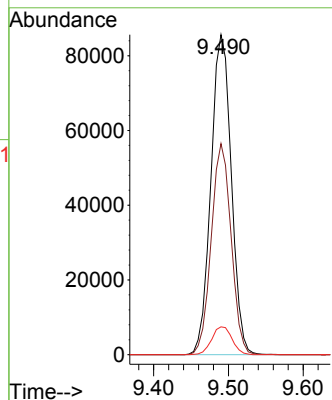
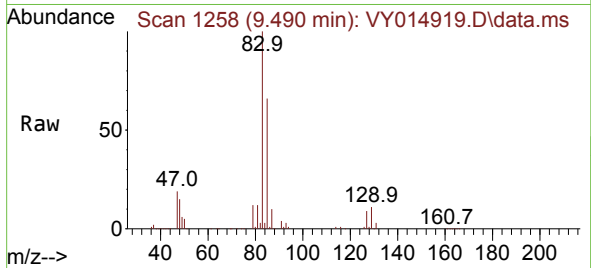




#47
Bromodichloromethane
Concen: 49.504 ug/l
RT: 9.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014919.D
Acq: 28 Jul 2023 19:20

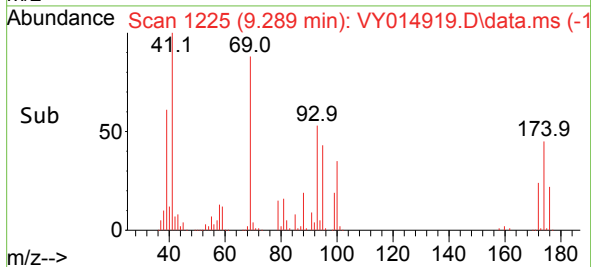
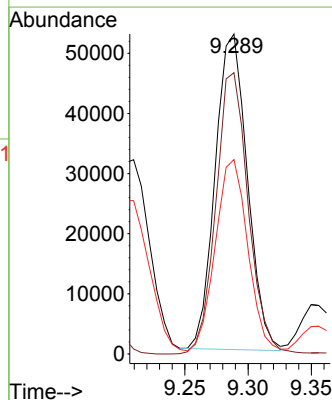
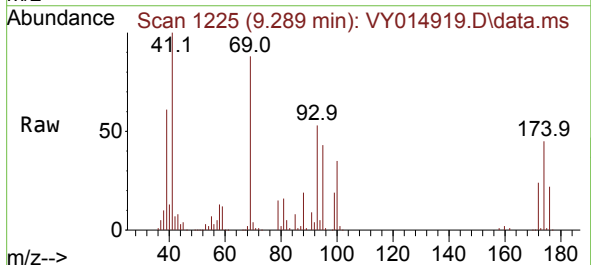
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

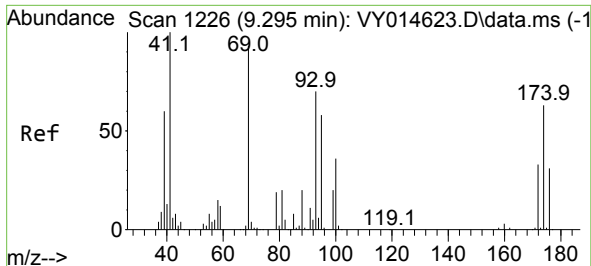
Tgt Ion: 83 Resp: 162589
Ion Ratio Lower Upper
83 100
85 66.0 50.1 75.1
127 8.7 7.1 10.7



#48
Methyl methacrylate
Concen: 50.797 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY014919.D
Acq: 28 Jul 2023 19:20

Tgt Ion: 41 Resp: 92723
Ion Ratio Lower Upper
41 100
69 89.9 64.5 96.7
39 62.9 50.8 76.2





#49

1,4-Dioxane

Concen: 1193.220 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014919.D

Acq: 28 Jul 2023 19:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

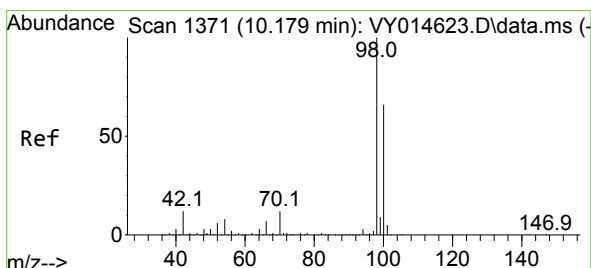
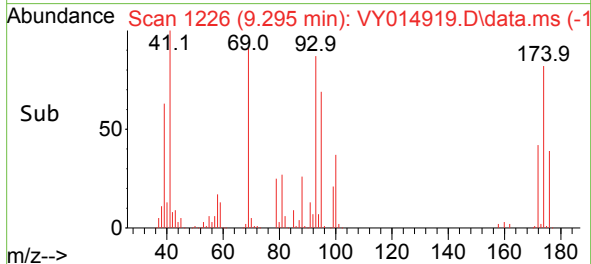
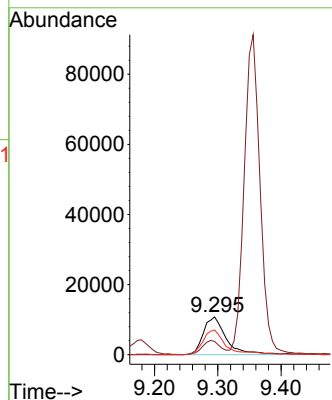
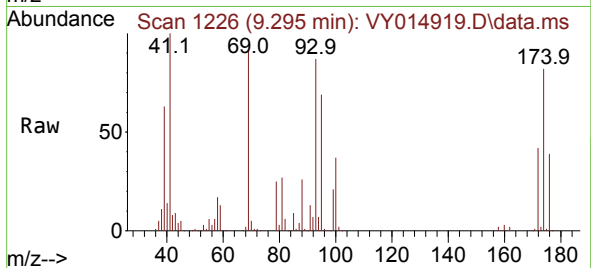
Tgt Ion: 88 Resp: 27113

Ion Ratio Lower Upper

88 100

43 28.7 0.0 0.0#

58 67.6 30.9 46.3#



#50

Toluene-d8

Concen: 46.386 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY014919.D

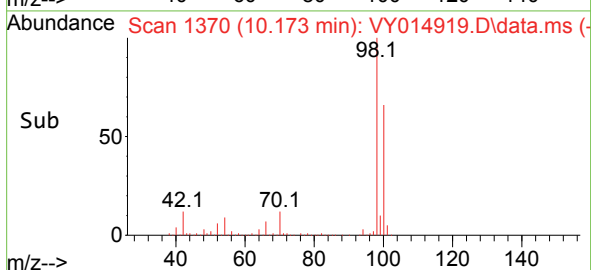
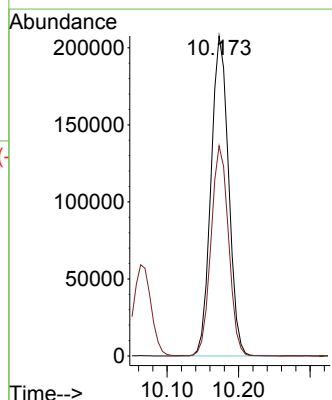
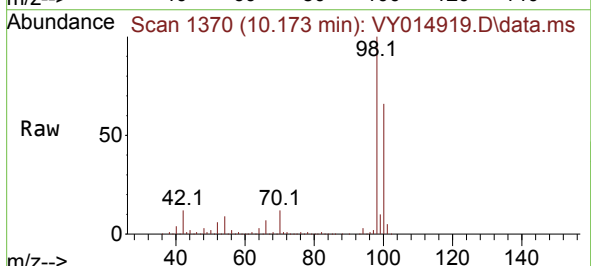
Acq: 28 Jul 2023 19:20

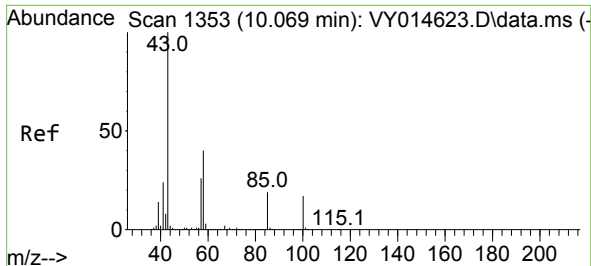
Tgt Ion: 98 Resp: 353713

Ion Ratio Lower Upper

98 100

100 65.7 50.1 75.1

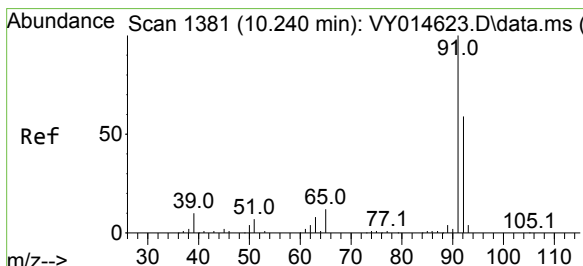
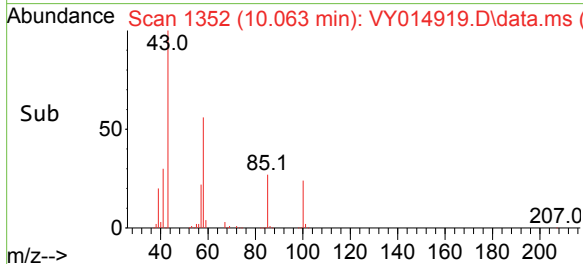
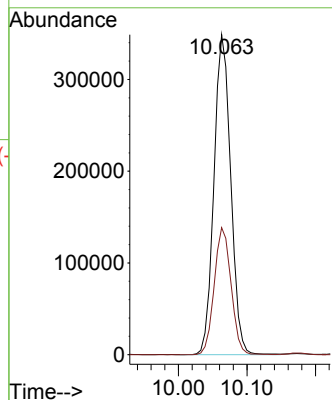
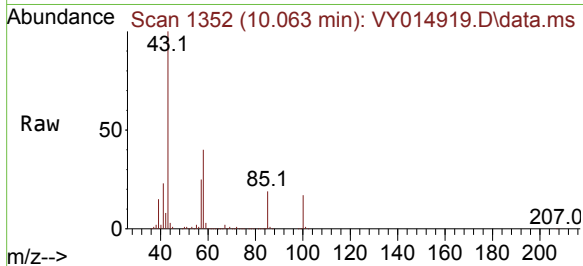




#51
4-Methyl-2-Pentanone
Concen: 278.169 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY014919.D
Acq: 28 Jul 2023 19:20

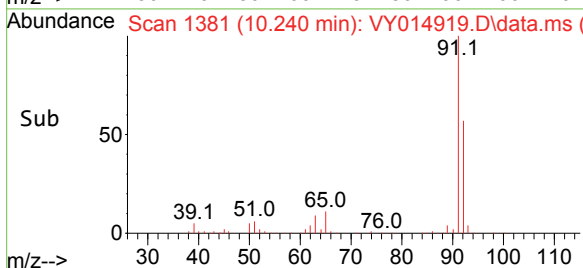
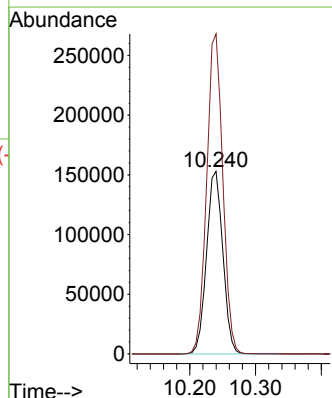
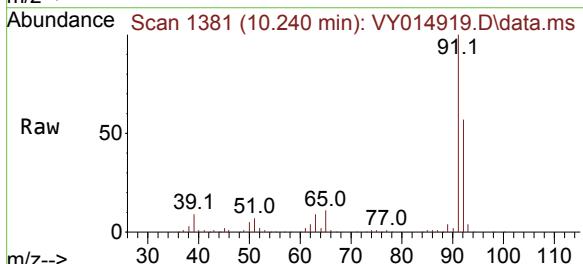
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

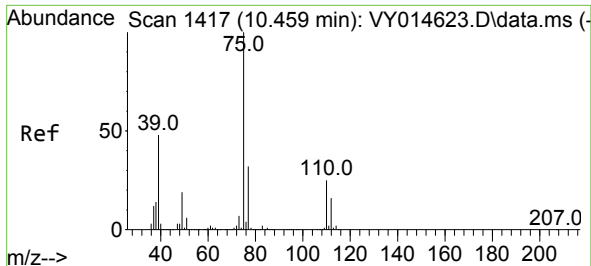
Tgt Ion: 43 Resp: 592479
Ion Ratio Lower Upper
43 100
58 39.9 29.0 43.6



#52
Toluene
Concen: 46.825 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014919.D
Acq: 28 Jul 2023 19:20

Tgt Ion: 92 Resp: 263581
Ion Ratio Lower Upper
92 100
91 173.5 143.8 215.6

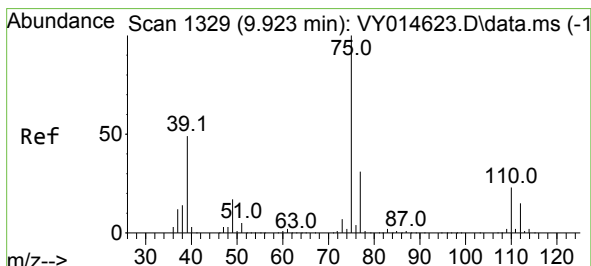
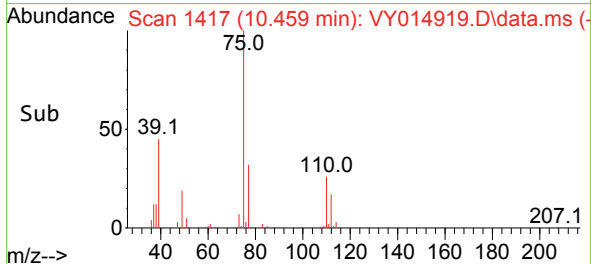
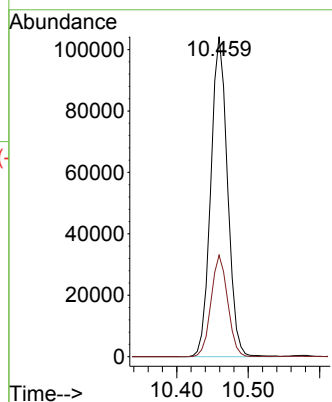
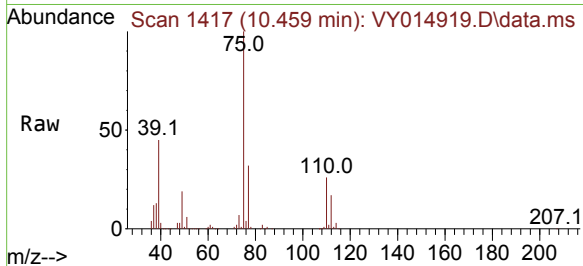




#53
t-1,3-Dichloropropene
Concen: 47.058 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY014919.D
Acq: 28 Jul 2023 19:20

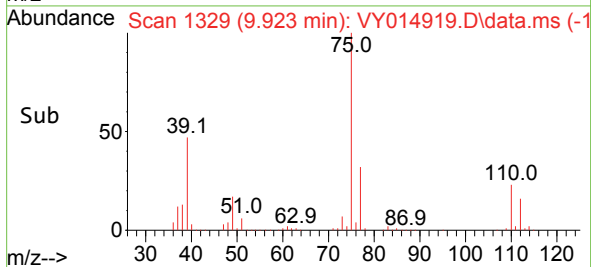
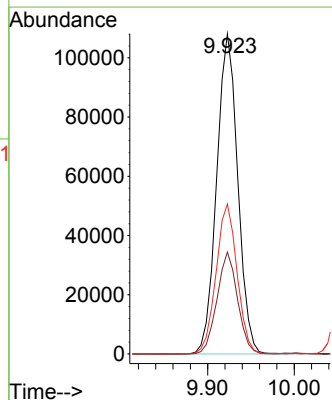
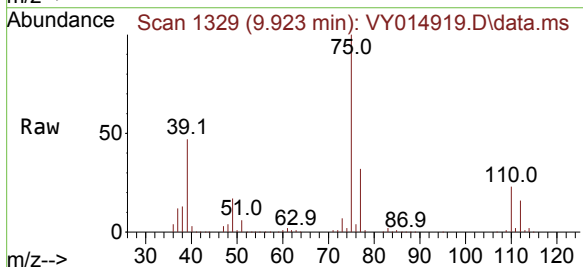
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

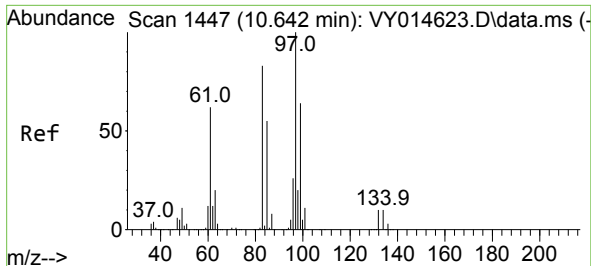
Tgt Ion: 75 Resp: 169060
Ion Ratio Lower Upper
75 100
77 31.7 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 46.746 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY014919.D
Acq: 28 Jul 2023 19:20

Tgt Ion: 75 Resp: 182628
Ion Ratio Lower Upper
75 100
77 31.8 24.2 36.4
39 46.8 42.2 63.4

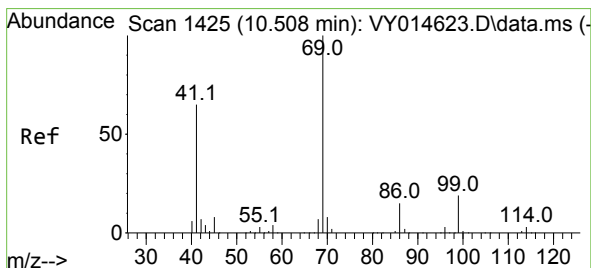
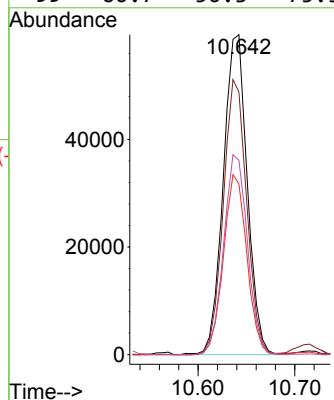
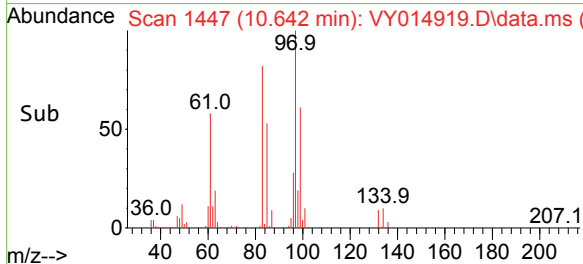
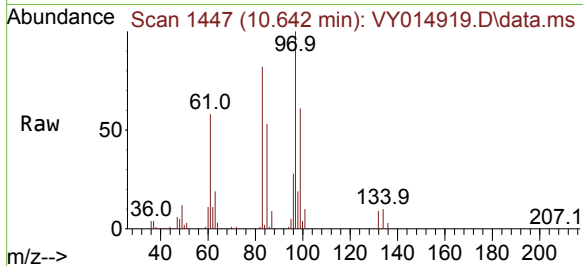




#55
1,1,2-Trichloroethane
Concen: 52.745 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY014919.D
Acq: 28 Jul 2023 19:20

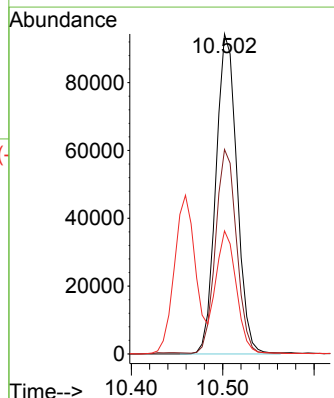
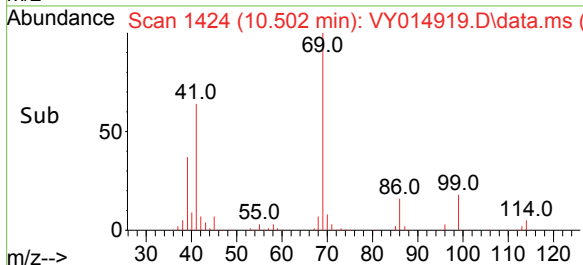
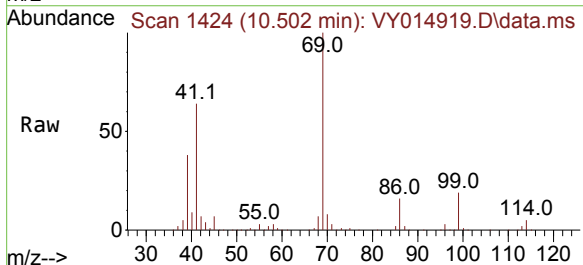
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

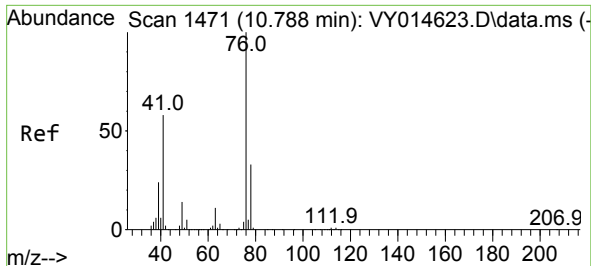
Tgt Ion: 97	Resp: 102384
Ion Ratio	Lower Upper
97 100	
83 82.1	72.0 108.0
85 53.4	45.4 68.0
99 60.7	50.3 75.5



#56
Ethyl methacrylate
Concen: 50.883 ug/l
RT: 10.502 min Scan# 1424
Delta R.T. -0.006 min
Lab File: VY014919.D
Acq: 28 Jul 2023 19:20

Tgt Ion: 69	Resp: 150806
Ion Ratio	Lower Upper
69 100	
41 63.5	57.6 86.4
39 36.8	34.1 51.1





#57

1,3-Dichloropropane

Concen: 50.799 ug/l

RT: 10.782 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VY014919.D

Acq: 28 Jul 2023 19:20

Instrument :

MSVOA_Y

ClientSampleId :

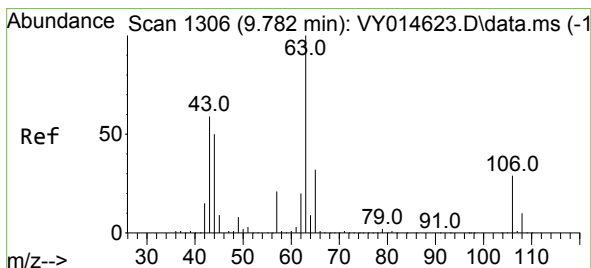
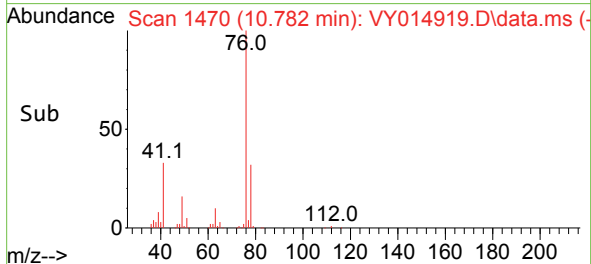
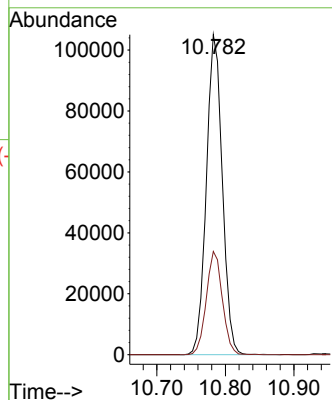
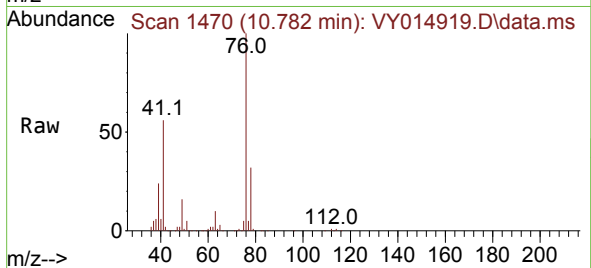
VSTDCCC050EC

Tgt Ion: 76 Resp: 170076

Ion Ratio Lower Upper

76 100

78 32.5 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 233.778 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY014919.D

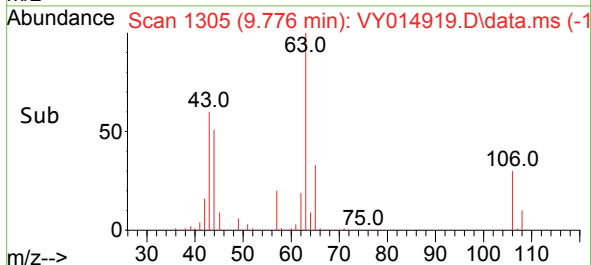
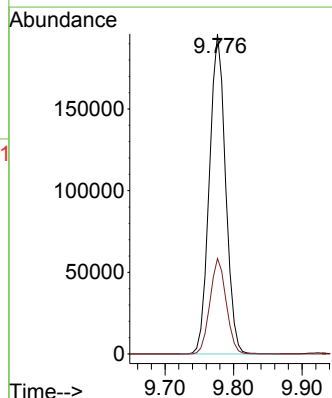
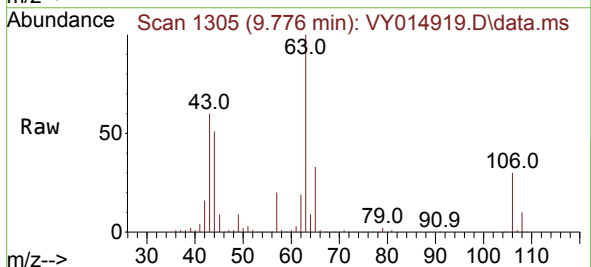
Acq: 28 Jul 2023 19:20

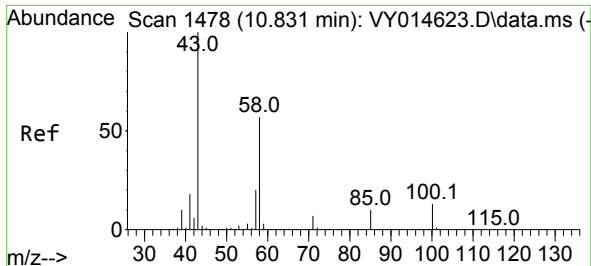
Tgt Ion: 63 Resp: 322836

Ion Ratio Lower Upper

63 100

106 29.7 21.2 31.8

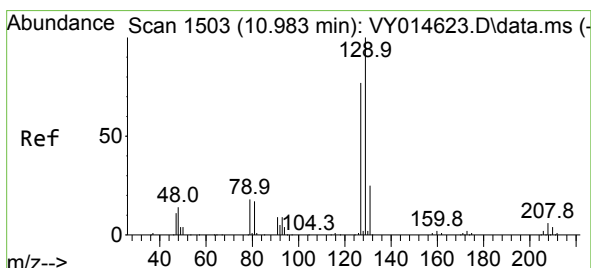
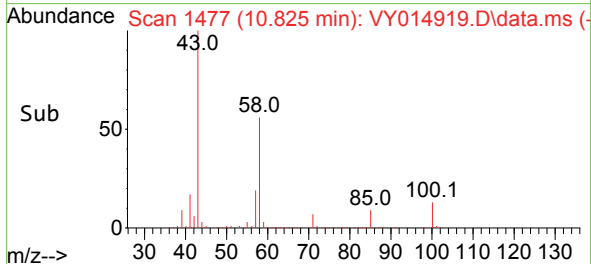
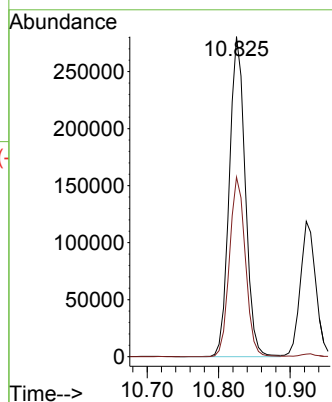
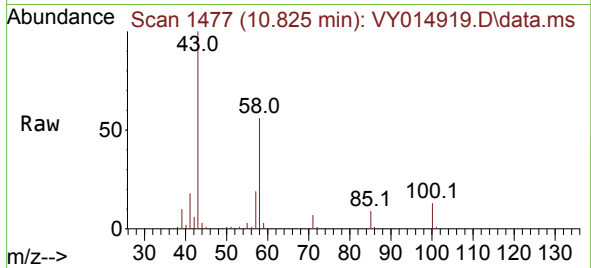




#59
2-Hexanone
Concen: 279.064 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY014919.D
Acq: 28 Jul 2023 19:20

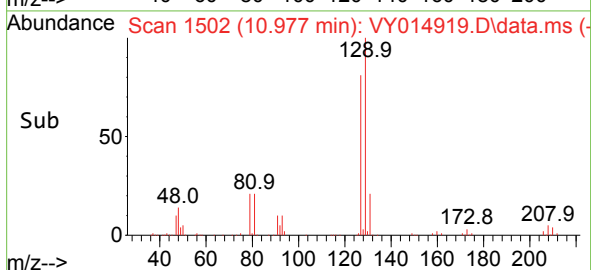
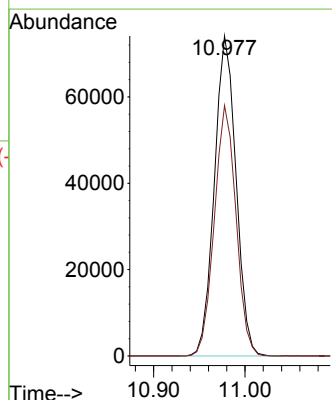
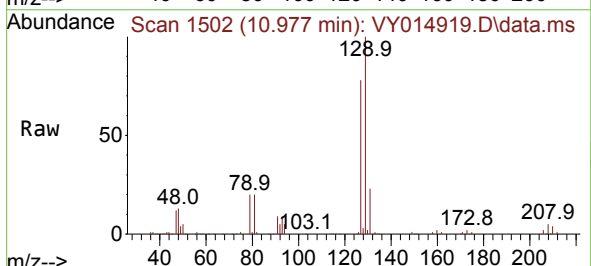
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

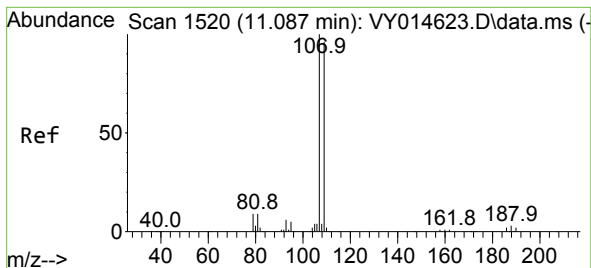
Tgt Ion: 43 Resp: 433459
Ion Ratio Lower Upper
43 100
58 56.1 25.1 75.3



#60
Dibromochloromethane
Concen: 51.312 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY014919.D
Acq: 28 Jul 2023 19:20

Tgt Ion: 129 Resp: 122121
Ion Ratio Lower Upper
129 100
127 78.2 38.5 115.5

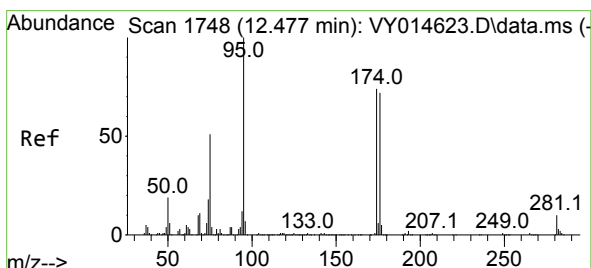
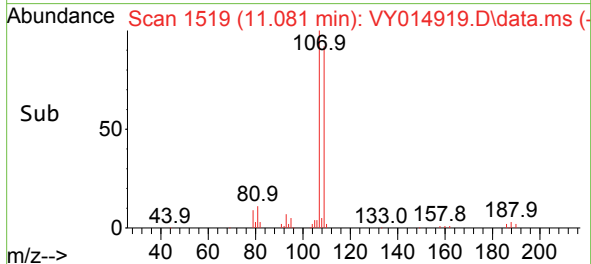
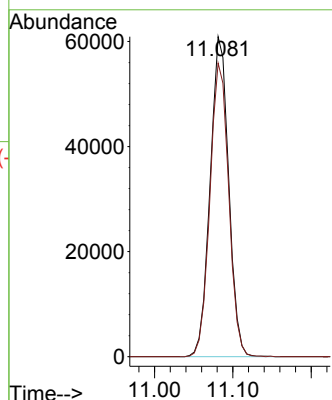
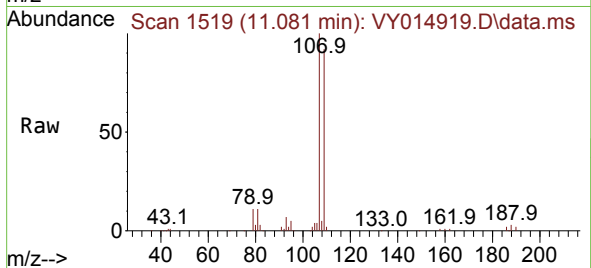




#61
1,2-Dibromoethane
Concen: 51.613 ug/l
RT: 11.081 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014919.D
Acq: 28 Jul 2023 19:20

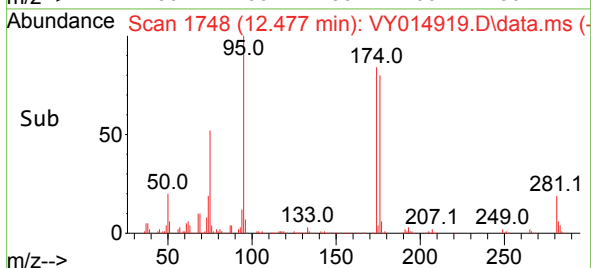
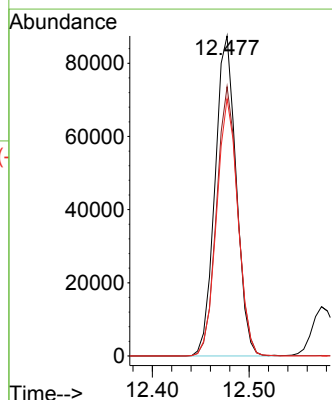
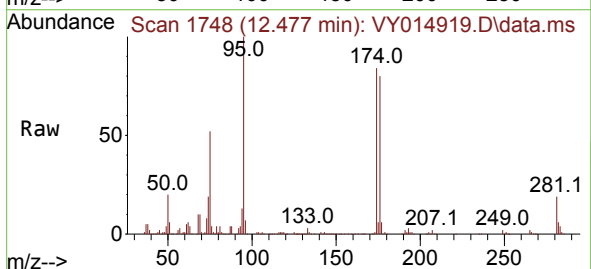
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

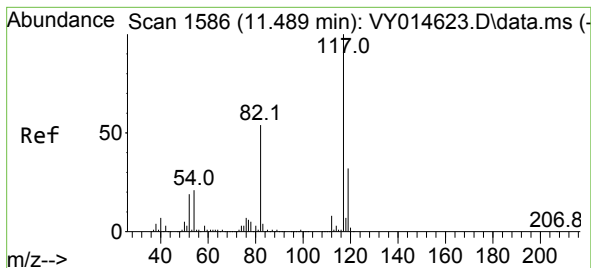
Tgt Ion:107 Resp: 99947
Ion Ratio Lower Upper
107 100
109 93.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 45.420 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014919.D
Acq: 28 Jul 2023 19:20

Tgt Ion: 95 Resp: 132803
Ion Ratio Lower Upper
95 100
174 83.8 0.0 178.2
176 80.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014919.D

Acq: 28 Jul 2023 19:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

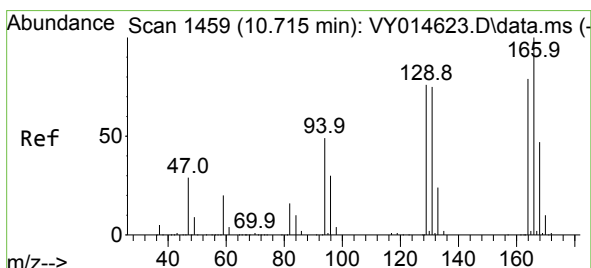
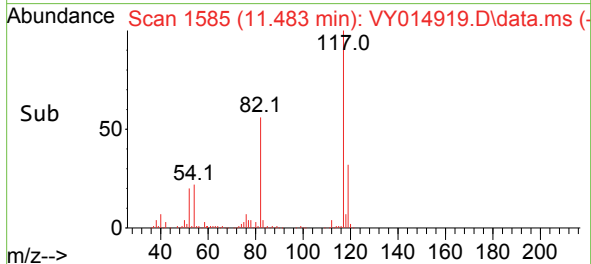
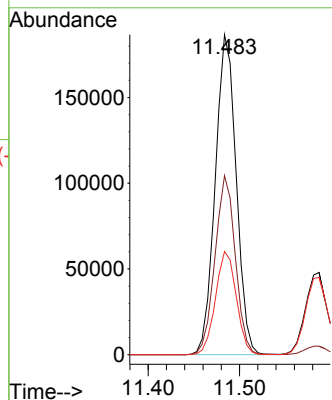
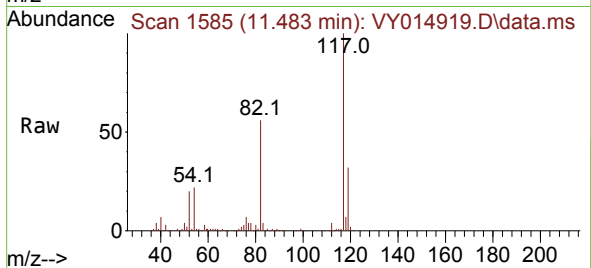
Tgt Ion:117 Resp: 297426

Ion Ratio Lower Upper

117 100

82 56.0 43.4 65.0

119 32.2 26.3 39.5



#64

Tetrachloroethene

Concen: 54.113 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY014919.D

Acq: 28 Jul 2023 19:20

Tgt Ion:164 Resp: 129443

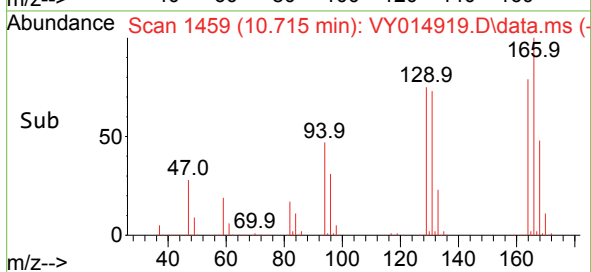
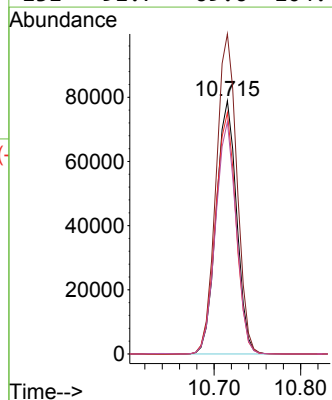
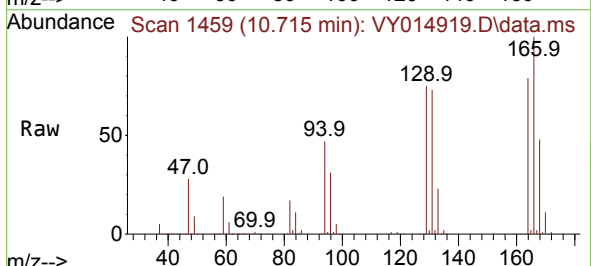
Ion Ratio Lower Upper

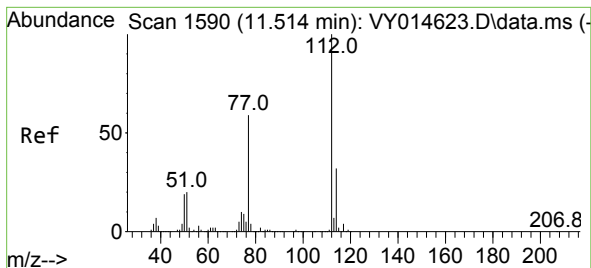
164 100

166 126.4 103.0 154.6

129 95.4 77.2 115.8

131 91.7 69.6 104.4

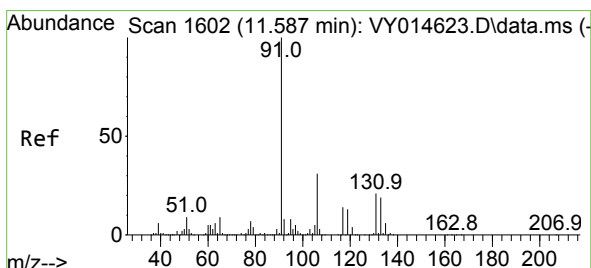
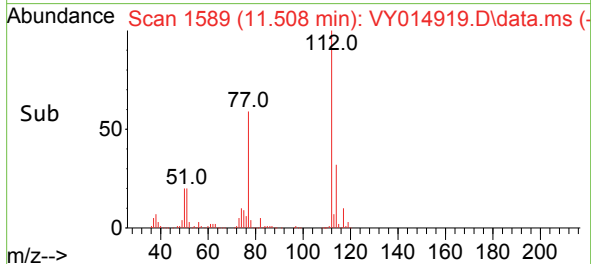
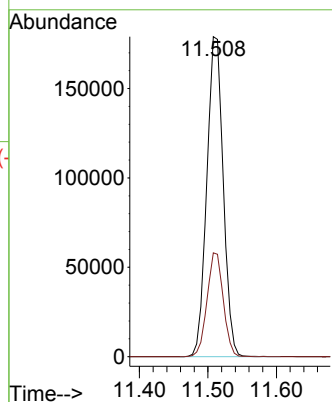
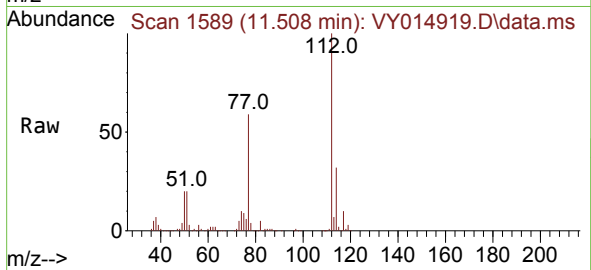




#65
Chlorobenzene
Concen: 47.104 ug/l
RT: 11.508 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014919.D
Acq: 28 Jul 2023 19:20

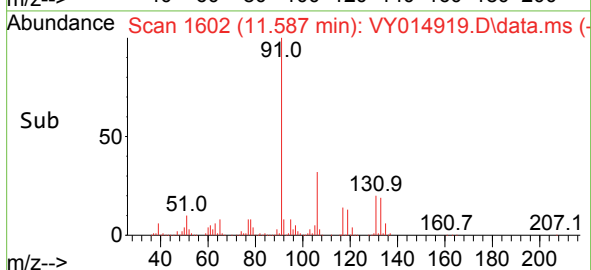
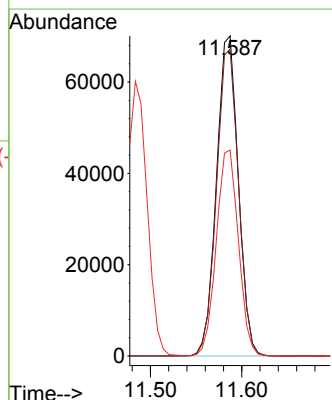
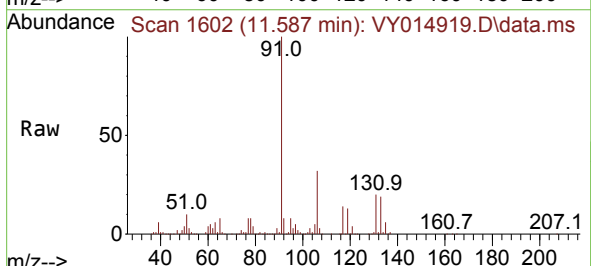
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

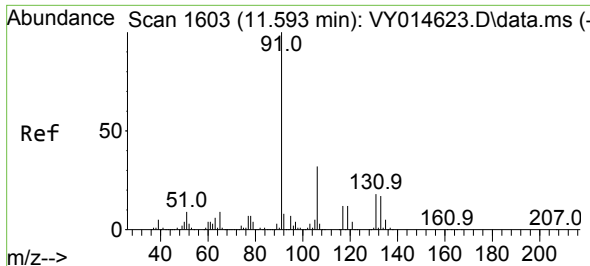
Tgt Ion:112 Resp: 298546
Ion Ratio Lower Upper
112 100
114 32.4 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 48.737 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY014919.D
Acq: 28 Jul 2023 19:20

Tgt Ion:131 Resp: 116469
Ion Ratio Lower Upper
131 100
133 96.5 47.5 142.6
119 65.3 31.6 94.7

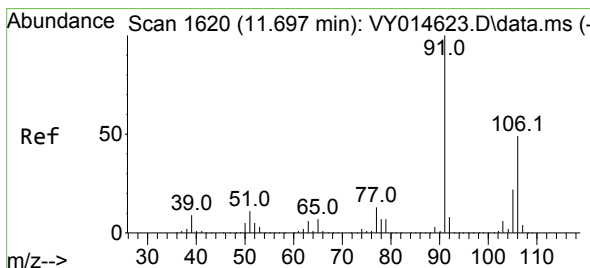
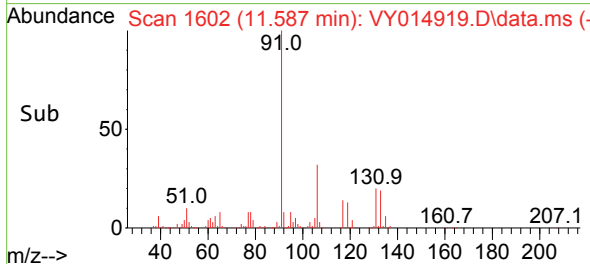
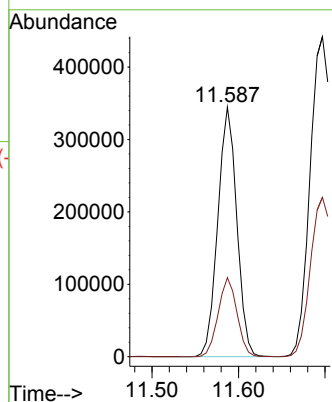
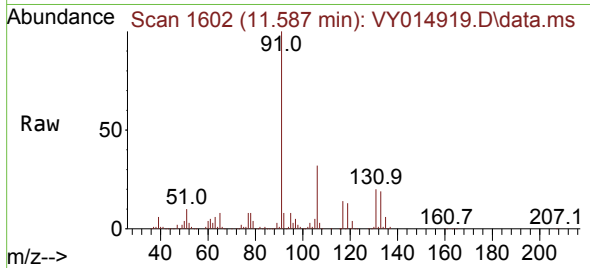




#67
Ethyl Benzene
Concen: 45.835 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014919.D
Acq: 28 Jul 2023 19:20

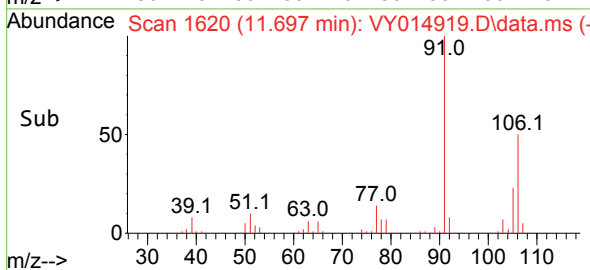
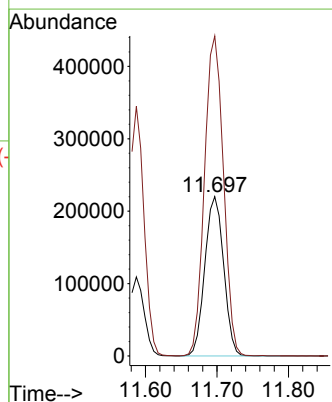
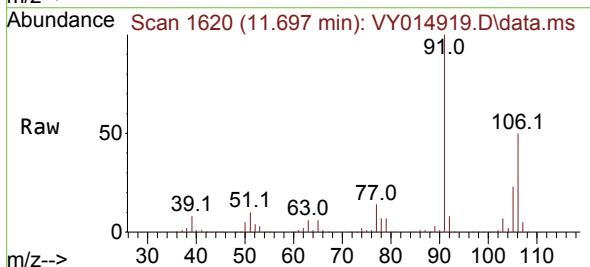
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

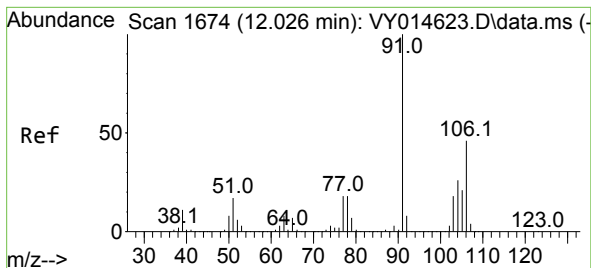
Tgt Ion: 91 Resp: 524511
Ion Ratio Lower Upper
91 100
106 31.7 24.6 36.8



#68
m/p-Xylenes
Concen: 92.121 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY014919.D
Acq: 28 Jul 2023 19:20

Tgt Ion:106 Resp: 402409
Ion Ratio Lower Upper
106 100
91 201.8 166.1 249.1





#69

o-Xylene

Concen: 47.107 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014919.D

Acq: 28 Jul 2023 19:20

Instrument :

MSVOA_Y

ClientSampleId :

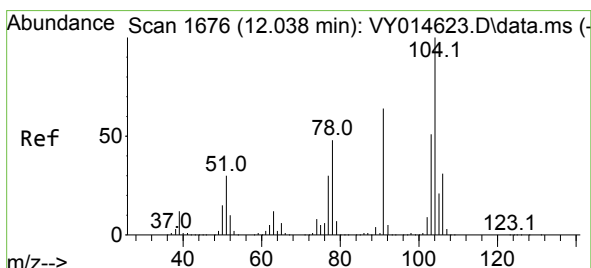
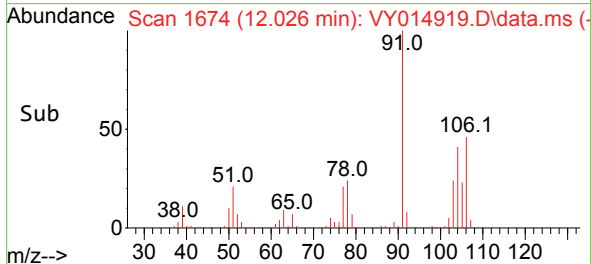
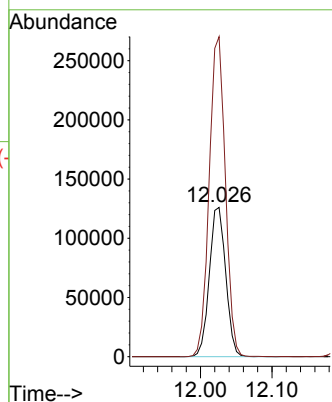
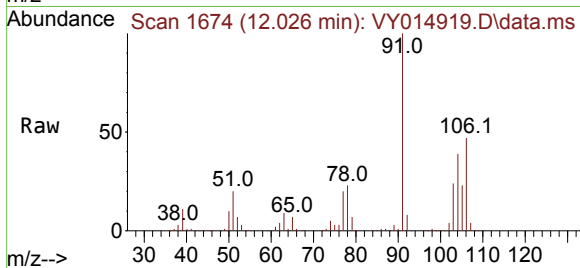
VSTDCCC050EC

Tgt Ion:106 Resp: 200428

Ion Ratio Lower Upper

106 100

91 211.4 108.1 324.3



#70

Styrene

Concen: 47.907 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VY014919.D

Acq: 28 Jul 2023 19:20

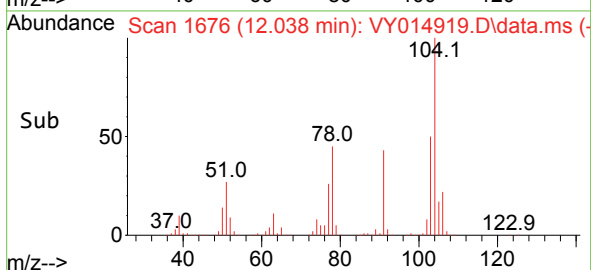
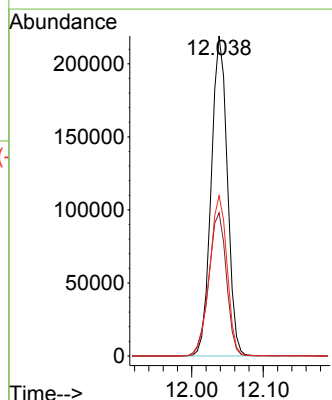
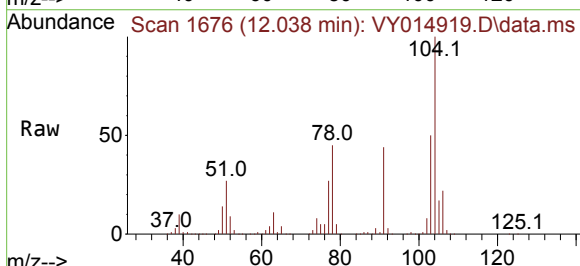
Tgt Ion:104 Resp: 343542

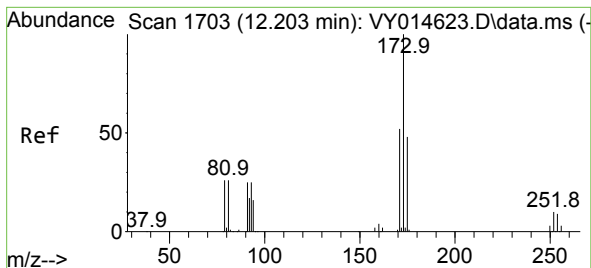
Ion Ratio Lower Upper

104 100

78 49.0 41.5 62.3

103 54.0 44.6 67.0





#71

Bromoform

Concen: 50.695 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014919.D

Acq: 28 Jul 2023 19:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

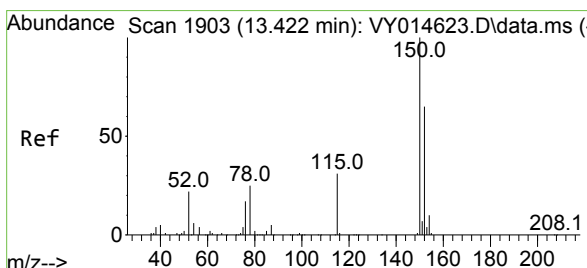
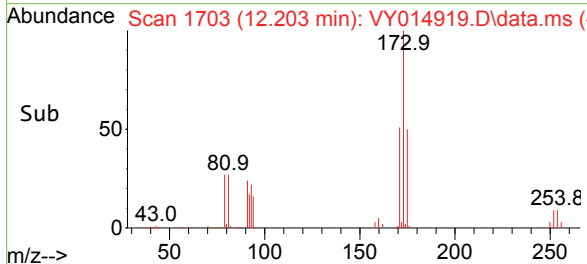
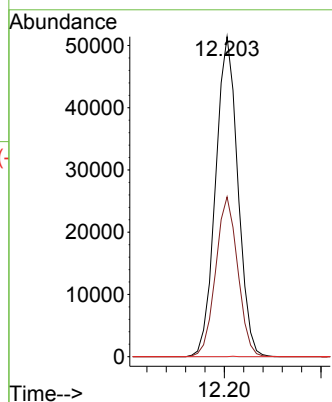
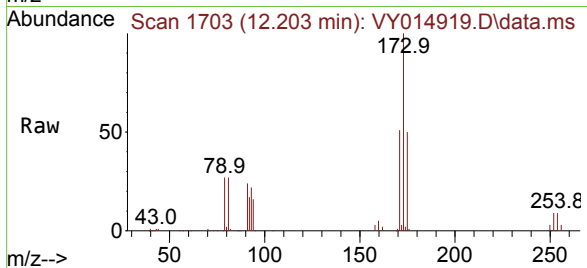
Tgt Ion:173 Resp: 82117

Ion Ratio Lower Upper

173 100

175 49.5 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014919.D

Acq: 28 Jul 2023 19:20

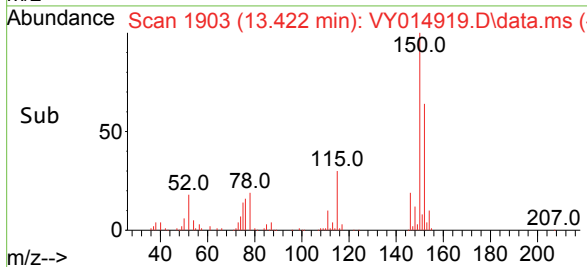
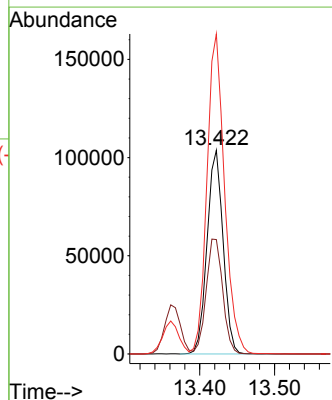
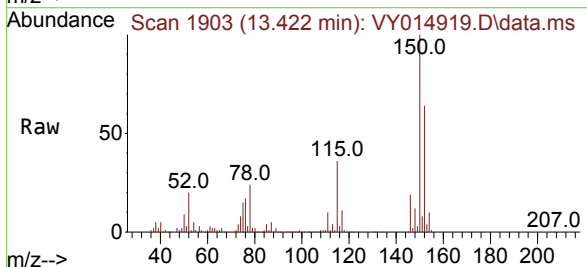
Tgt Ion:152 Resp: 154702

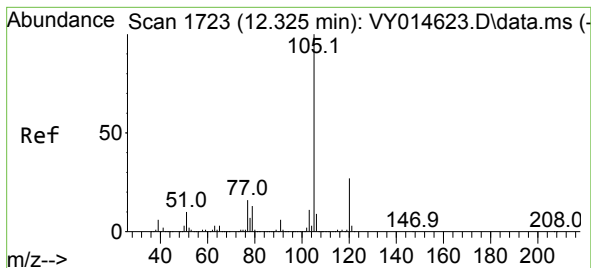
Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.5

150 172.4 0.0 348.8





#73

Isopropylbenzene

Concen: 42.708 ug/l

RT: 12.325 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014919.D

Acq: 28 Jul 2023 19:20

Instrument :

MSVOA_Y

ClientSampleId :

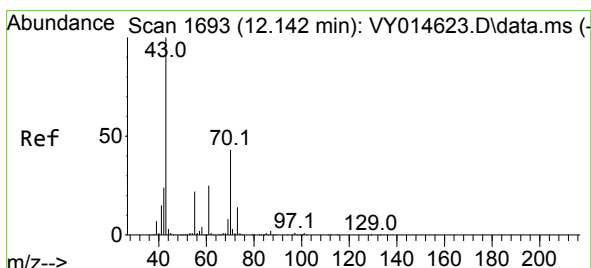
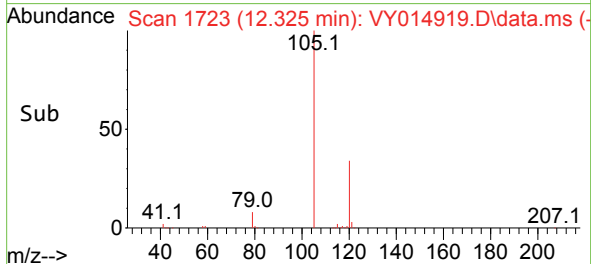
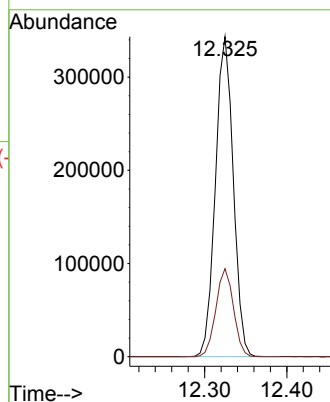
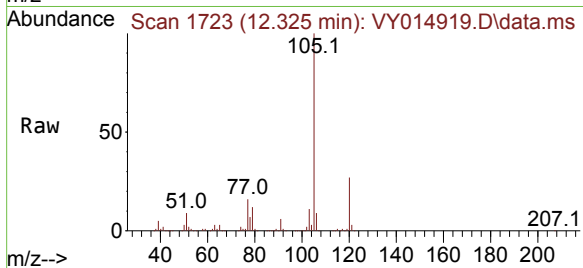
VSTDCCC050EC

Tgt Ion:105 Resp: 517328

Ion Ratio Lower Upper

105 100

120 27.1 13.3 39.9



#74

N-ethyl acetate

Concen: 45.322 ug/l

RT: 12.136 min Scan# 1692

Delta R.T. -0.006 min

Lab File: VY014919.D

Acq: 28 Jul 2023 19:20

Tgt Ion: 43 Resp: 183868

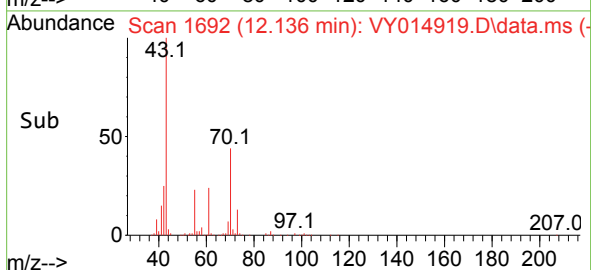
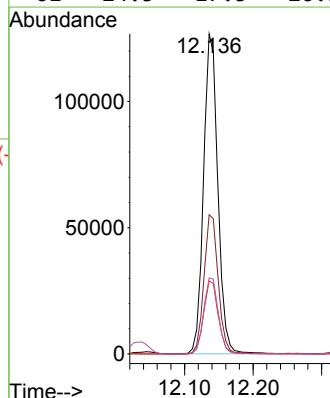
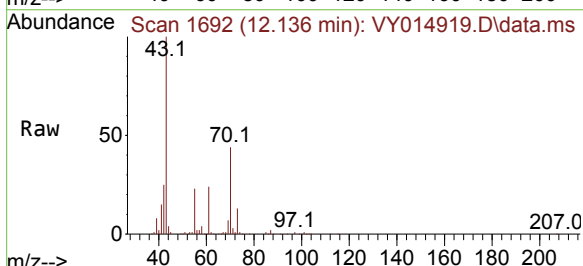
Ion Ratio Lower Upper

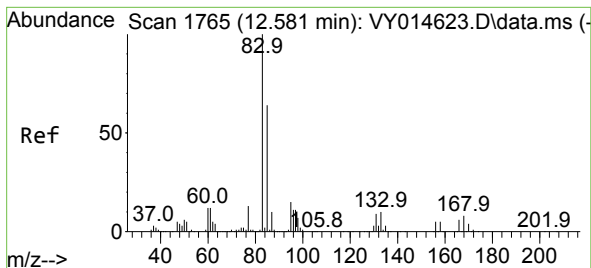
43 100

70 43.7 29.7 44.5

55 23.5 18.3 27.5

61 24.5 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 47.699 ug/l

RT: 12.575 min Scan# 1764

Delta R.T. -0.006 min

Lab File: VY014919.D

Acq: 28 Jul 2023 19:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

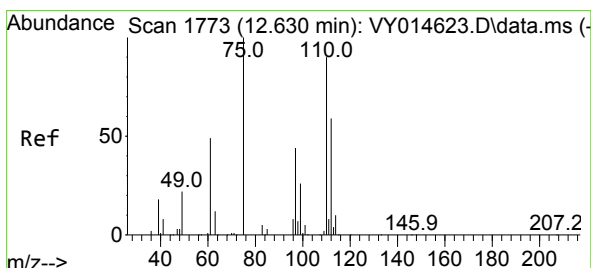
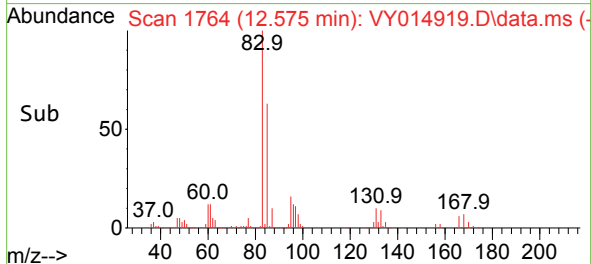
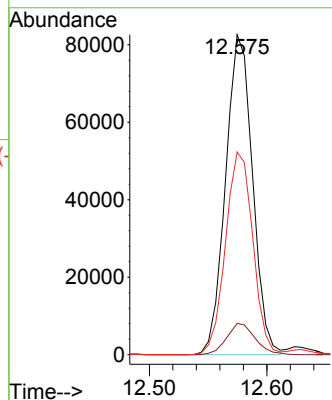
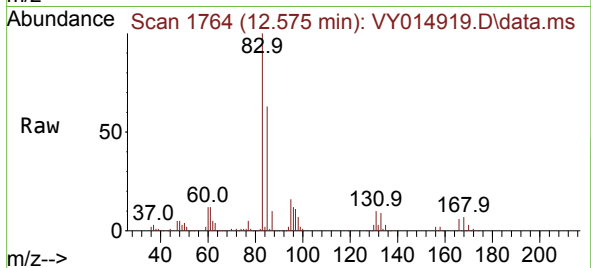
Tgt Ion: 83 Resp: 131760

Ion Ratio Lower Upper

83 100

131 10.3 5.4 16.2

85 64.3 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 87.545 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY014919.D

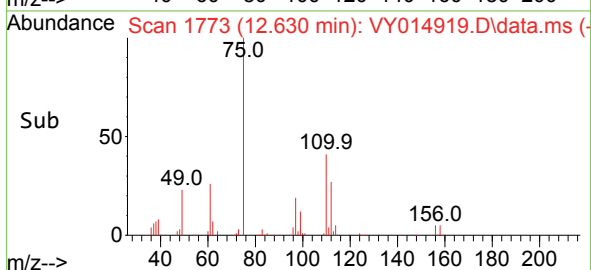
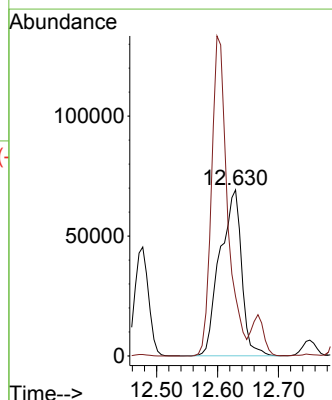
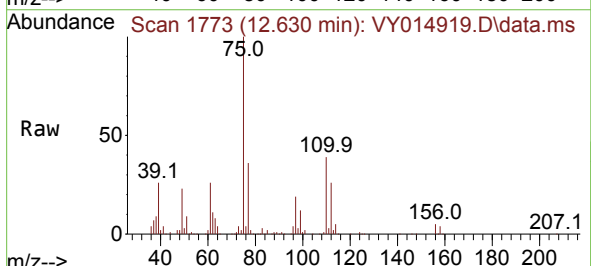
Acq: 28 Jul 2023 19:20

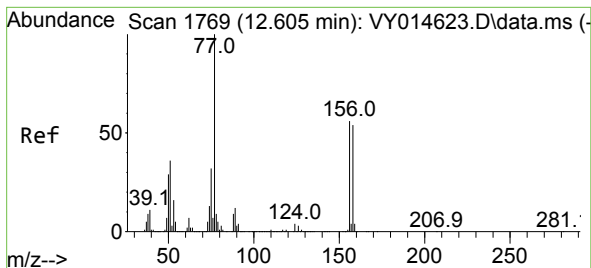
Tgt Ion: 75 Resp: 171050

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.150 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY014919.D

Acq: 28 Jul 2023 19:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

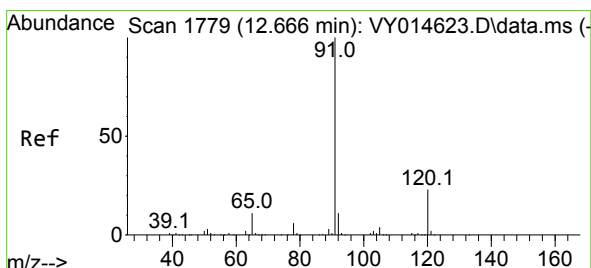
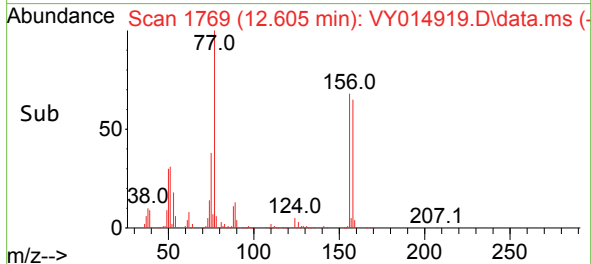
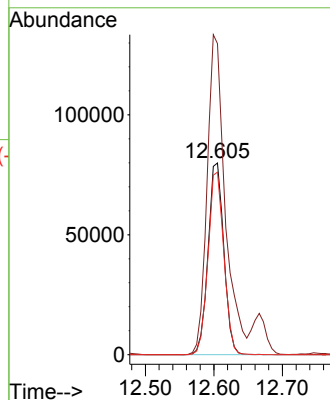
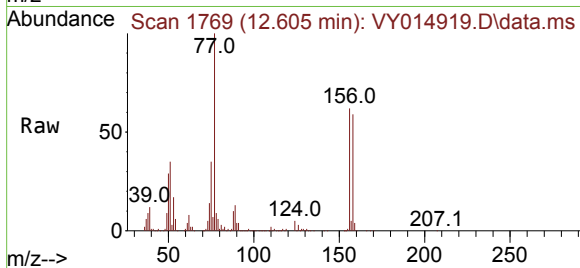
Tgt Ion:156 Resp: 127608

Ion Ratio Lower Upper

156 100

77 191.5 92.8 278.6

158 95.7 48.4 145.3



#78

n-propylbenzene

Concen: 42.842 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY014919.D

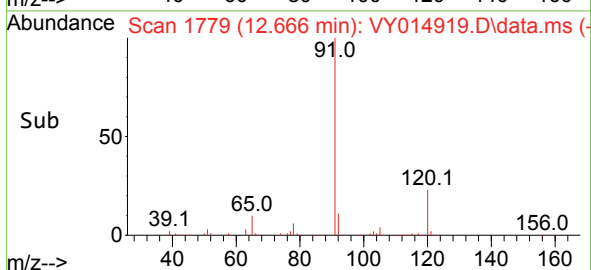
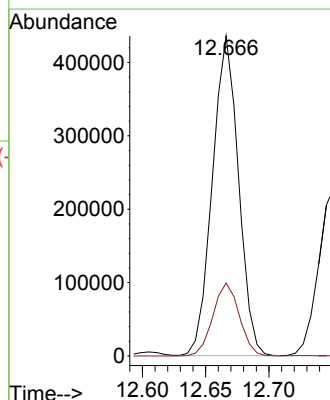
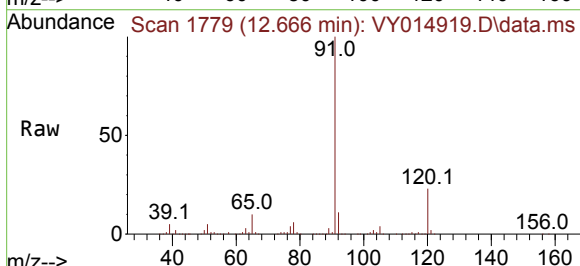
Acq: 28 Jul 2023 19:20

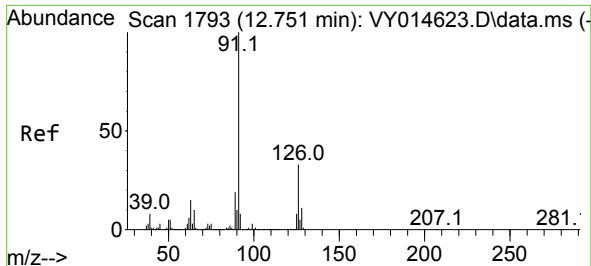
Tgt Ion: 91 Resp: 625352

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 42.701 ug/l

RT: 12.752 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY014919.D

Acq: 28 Jul 2023 19:20

Instrument :

MSVOA_Y

ClientSampleId :

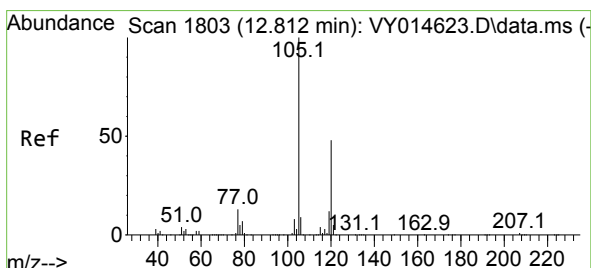
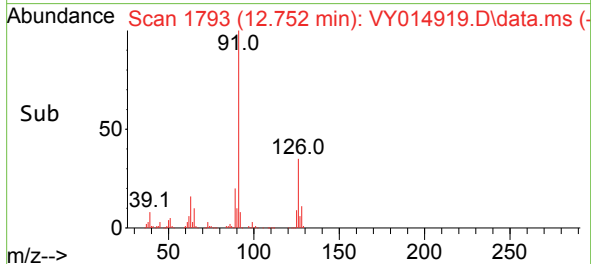
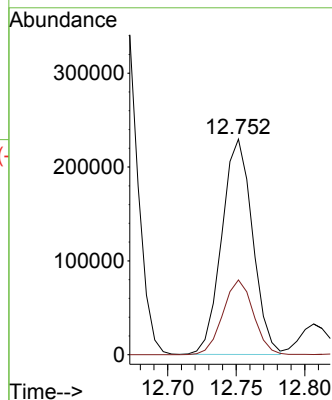
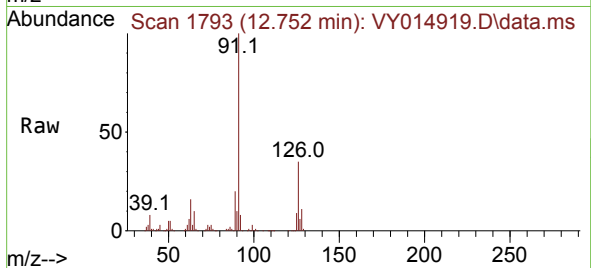
VSTDCCC050EC

Tgt Ion: 91 Resp: 359004

Ion Ratio Lower Upper

91 100

126 34.4 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 43.056 ug/l

RT: 12.806 min Scan# 1802

Delta R.T. -0.006 min

Lab File: VY014919.D

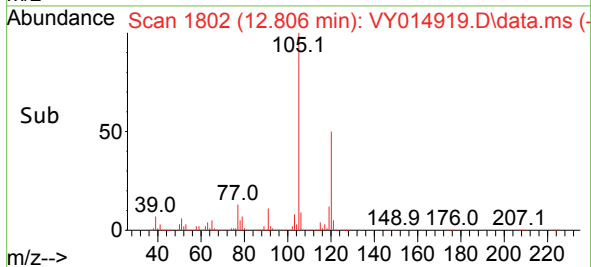
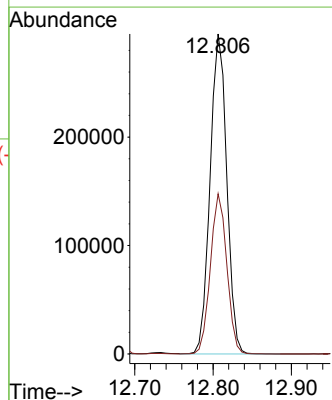
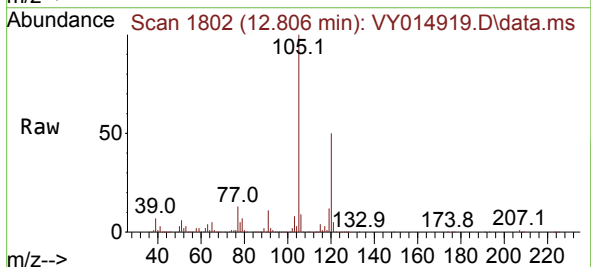
Acq: 28 Jul 2023 19:20

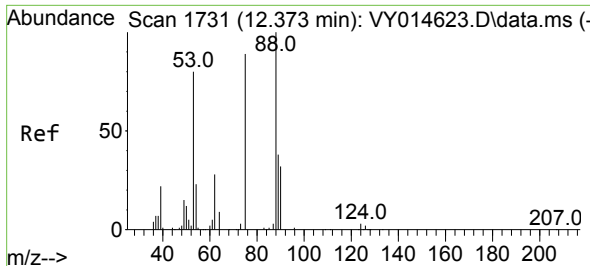
Tgt Ion:105 Resp: 435566

Ion Ratio Lower Upper

105 100

120 49.4 23.9 71.7

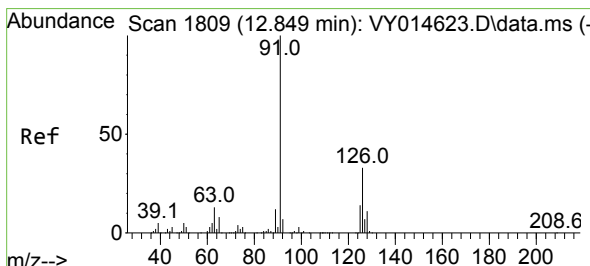
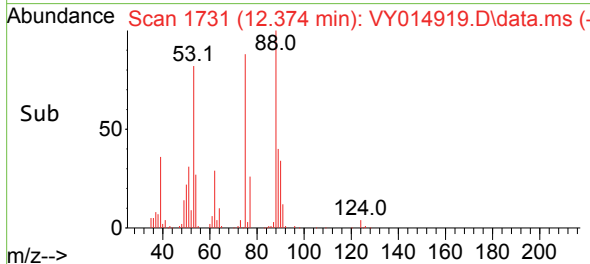
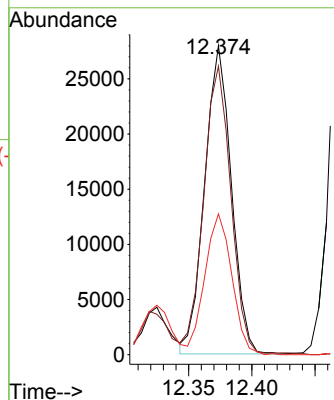
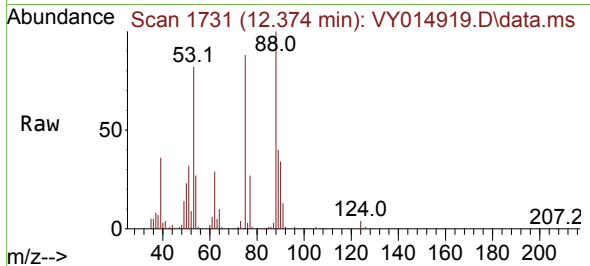




#81
trans-1,4-Dichloro-2-butene
Concen: 40.696 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.001 min
Lab File: VY014919.D
Acq: 28 Jul 2023 19:20

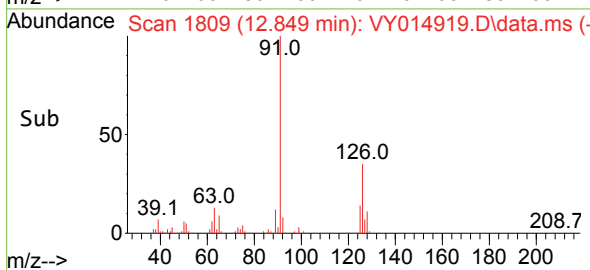
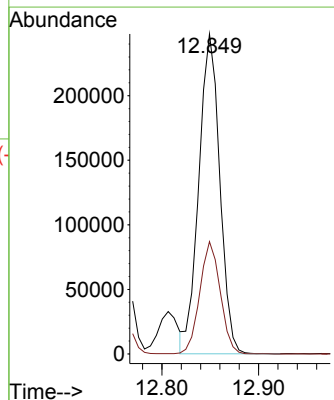
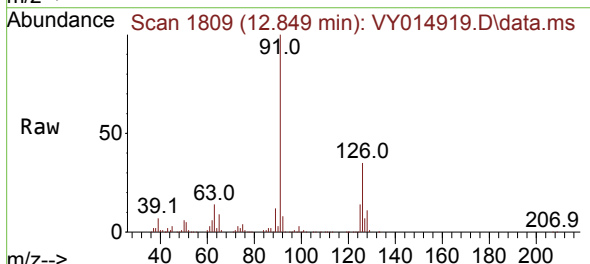
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

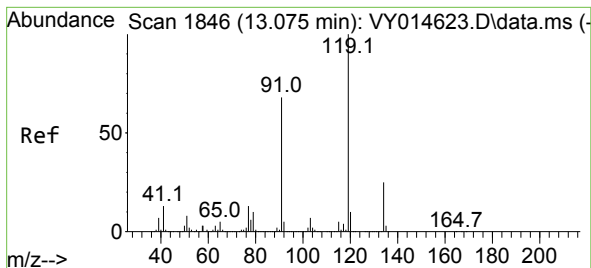
Tgt Ion: 75 Resp: 41067
Ion Ratio Lower Upper
75 100
53 94.3 77.8 116.8
89 46.0 37.4 56.0



#82
4-Chlorotoluene
Concen: 43.092 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY014919.D
Acq: 28 Jul 2023 19:20

Tgt Ion: 91 Resp: 373118
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.6





#83

tert-Butylbenzene

Concen: 42.545 ug/l

RT: 13.069 min Scan# 1845

Delta R.T. -0.006 min

Lab File: VY014919.D

Acq: 28 Jul 2023 19:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

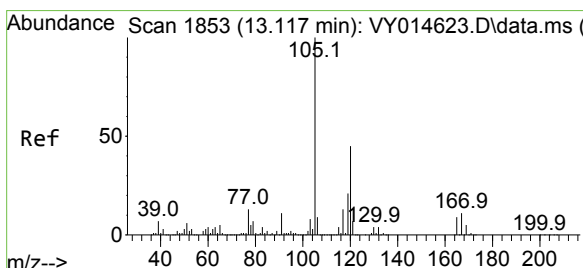
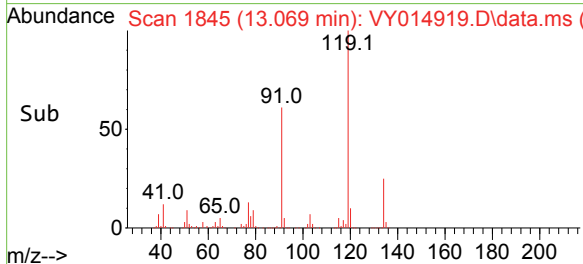
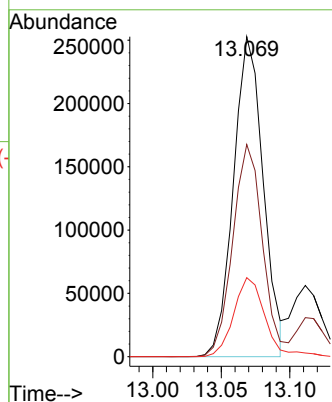
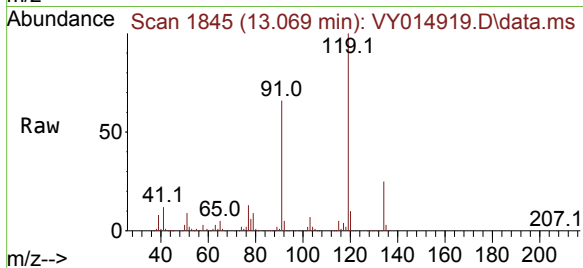
Tgt Ion:119 Resp: 381793

Ion Ratio Lower Upper

119 100

91 66.9 32.9 98.6

134 26.1 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 44.070 ug/l

RT: 13.111 min Scan# 1852

Delta R.T. -0.006 min

Lab File: VY014919.D

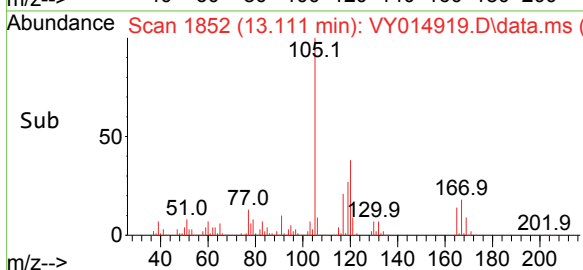
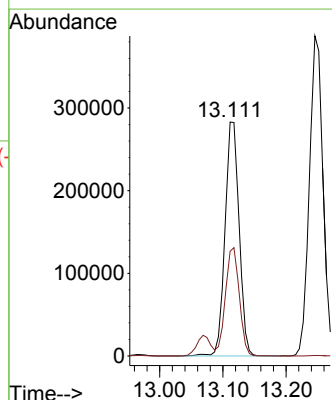
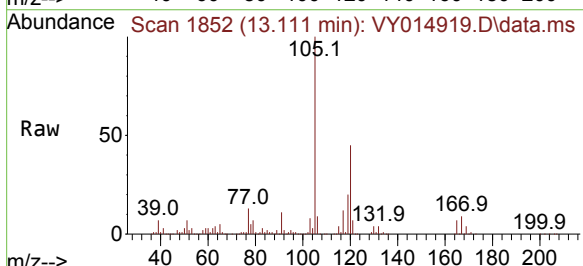
Acq: 28 Jul 2023 19:20

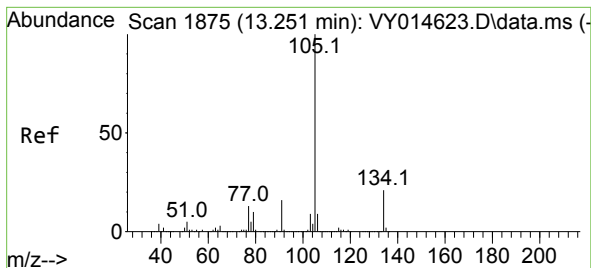
Tgt Ion:105 Resp: 437522

Ion Ratio Lower Upper

105 100

120 45.4 22.2 66.6





#85

sec-Butylbenzene

Concen: 43.621 ug/l

RT: 13.245 min Scan# 1874

Delta R.T. -0.006 min

Lab File: VY014919.D

Acq: 28 Jul 2023 19:20

Instrument :

MSVOA_Y

ClientSampleId :

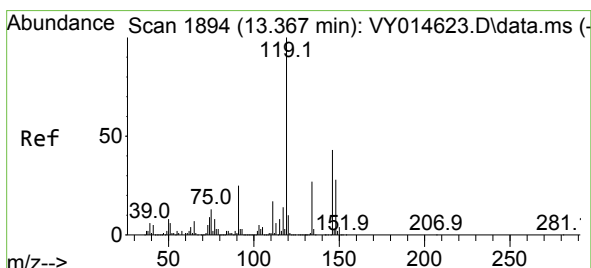
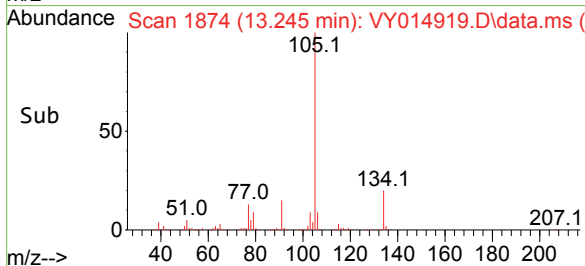
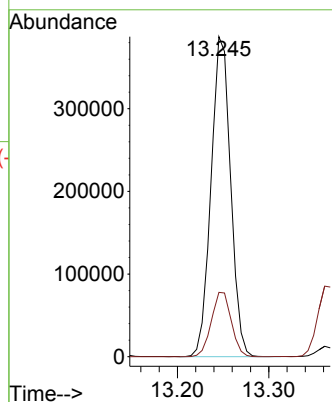
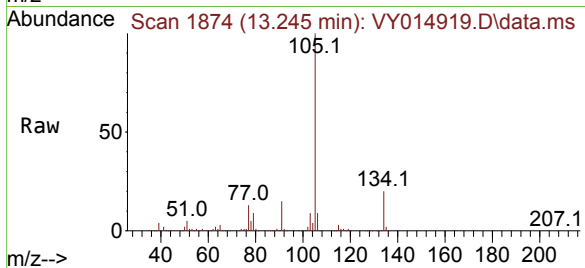
VSTDCCC050EC

Tgt Ion:105 Resp: 574230

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.6



#86

p-Isopropyltoluene

Concen: 44.664 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VY014919.D

Acq: 28 Jul 2023 19:20

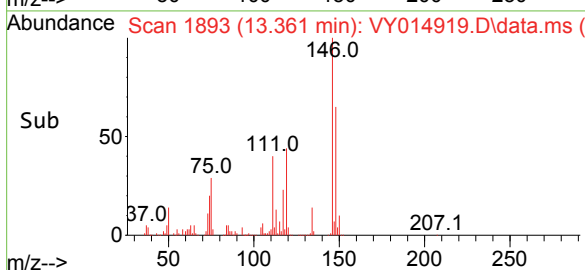
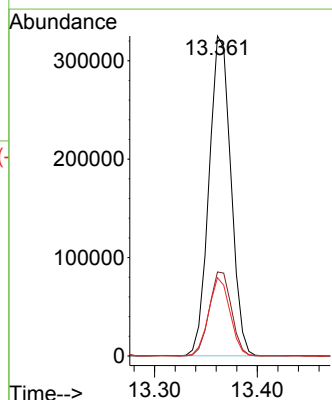
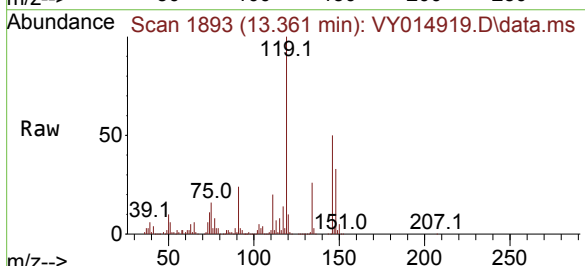
Tgt Ion:119 Resp: 480047

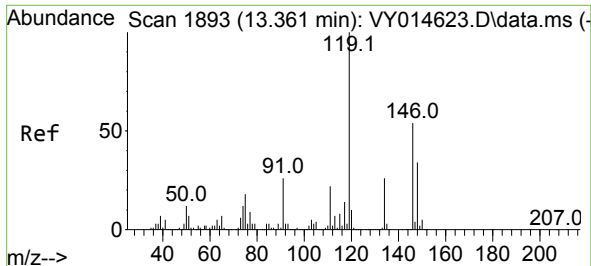
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 23.8 12.4 37.4

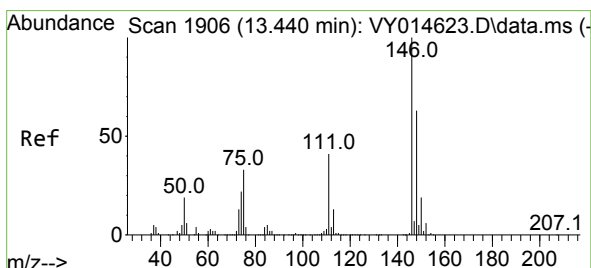
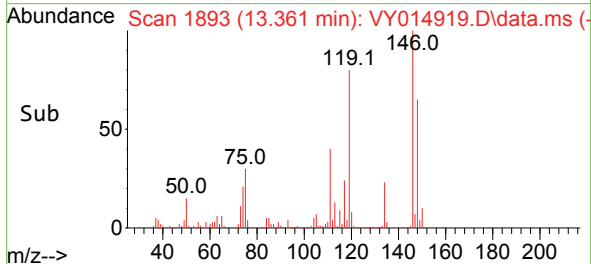
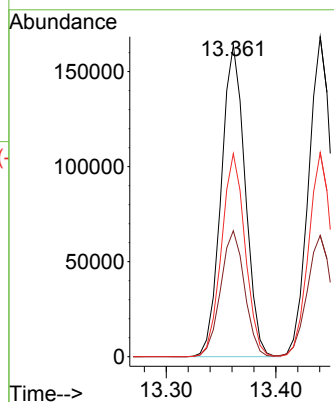
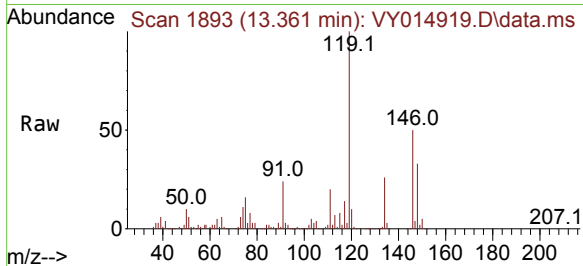




#87
 1,3-Dichlorobenzene
 Concen: 46.289 ug/l
 RT: 13.361 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VY014919.D
 Acq: 28 Jul 2023 19:20

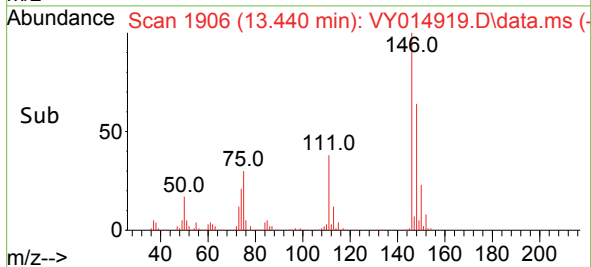
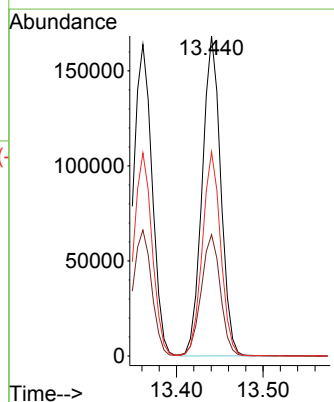
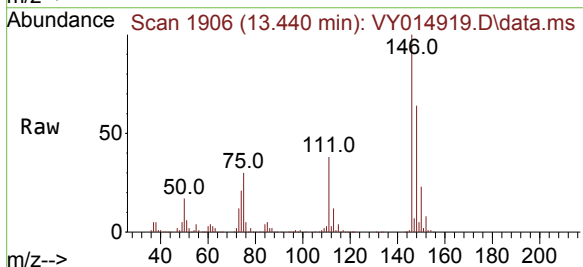
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

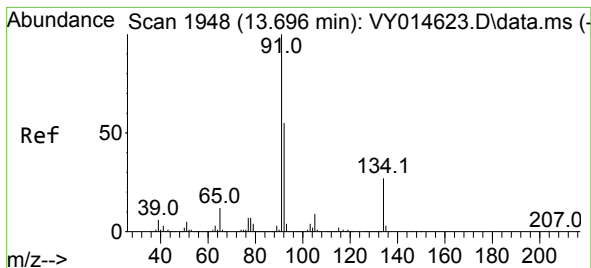
Tgt Ion:146 Resp: 249104
 Ion Ratio Lower Upper
 146 100
 111 40.4 19.4 58.2
 148 64.0 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 46.352 ug/l
 RT: 13.440 min Scan# 1906
 Delta R.T. 0.000 min
 Lab File: VY014919.D
 Acq: 28 Jul 2023 19:20

Tgt Ion:146 Resp: 249962
 Ion Ratio Lower Upper
 146 100
 111 39.1 18.9 56.7
 148 63.0 32.1 96.5





#89

n-Butylbenzene

Concen: 42.967 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY014919.D

Acq: 28 Jul 2023 19:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

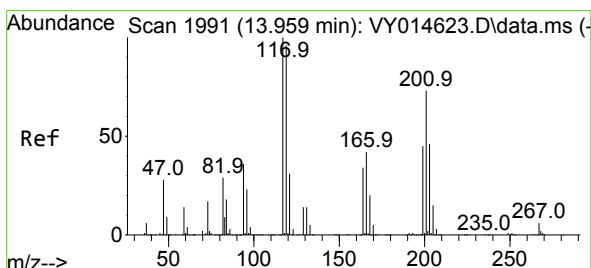
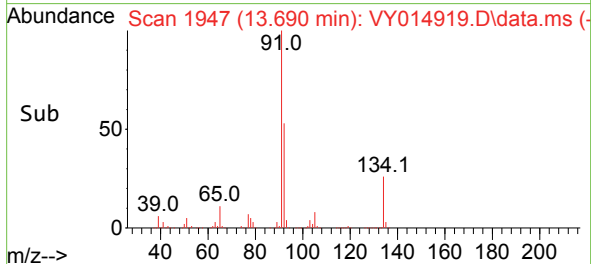
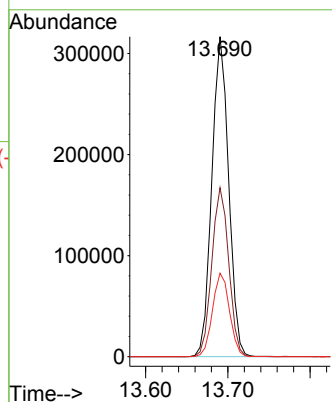
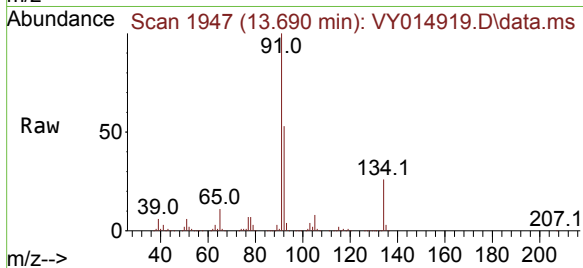
Tgt Ion: 91 Resp: 449296

Ion Ratio Lower Upper

91 100

92 53.3 25.4 76.0

134 26.4 12.6 37.6



#90

Hexachloroethane

Concen: 42.283 ug/l

RT: 13.953 min Scan# 1990

Delta R.T. -0.006 min

Lab File: VY014919.D

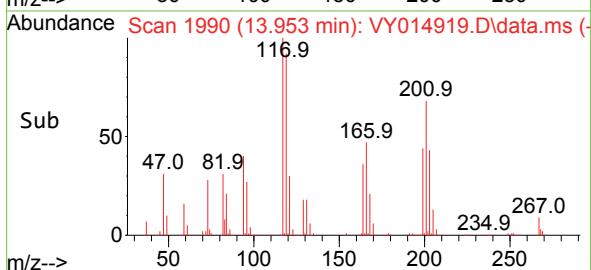
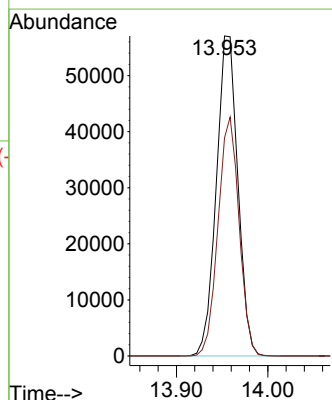
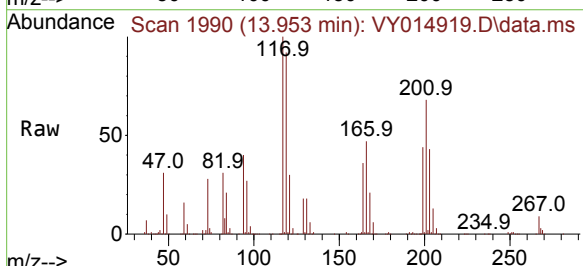
Acq: 28 Jul 2023 19:20

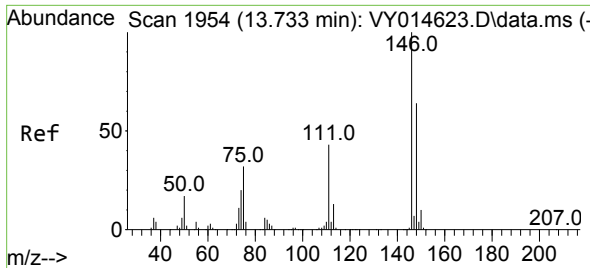
Tgt Ion: 117 Resp: 93346

Ion Ratio Lower Upper

117 100

201 73.0 41.6 124.8

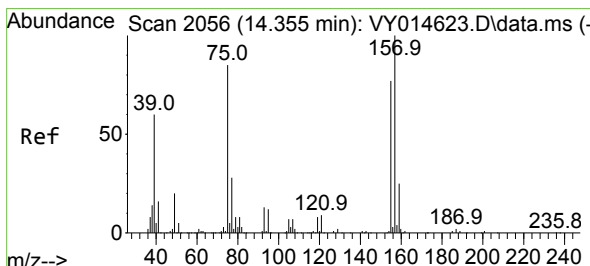
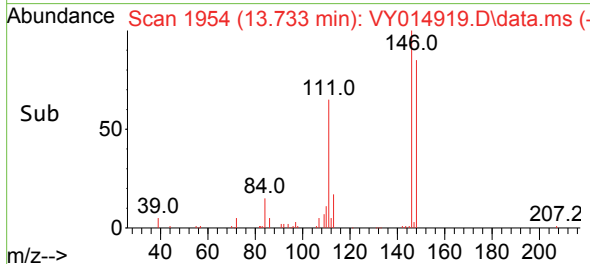
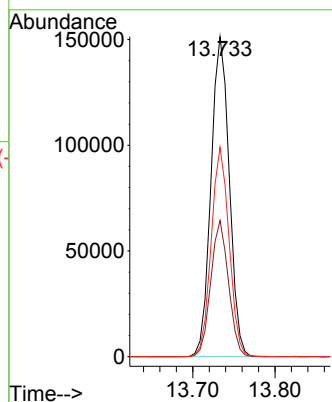
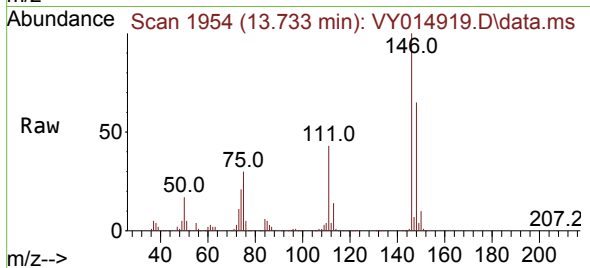




#91
1,2-Dichlorobenzene
Concen: 47.373 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. 0.000 min
Lab File: VY014919.D
Acq: 28 Jul 2023 19:20

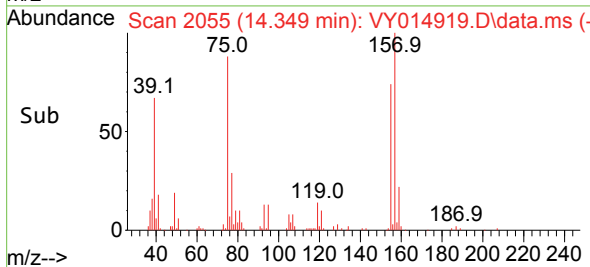
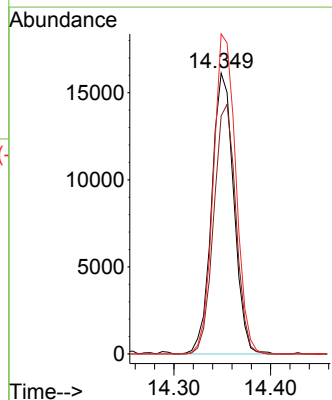
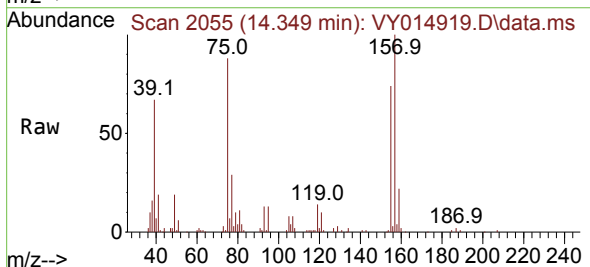
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

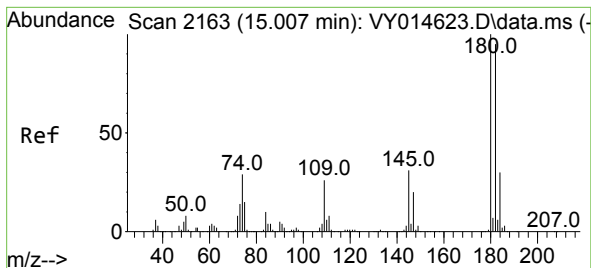
Tgt Ion:146 Resp: 233572
Ion Ratio Lower Upper
146 100
111 41.2 19.7 59.0
148 64.0 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.426 ug/l
RT: 14.349 min Scan# 2055
Delta R.T. -0.006 min
Lab File: VY014919.D
Acq: 28 Jul 2023 19:20

Tgt Ion: 75 Resp: 25582
Ion Ratio Lower Upper
75 100
155 88.7 41.5 124.6
157 115.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 48.785 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY014919.D

Acq: 28 Jul 2023 19:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

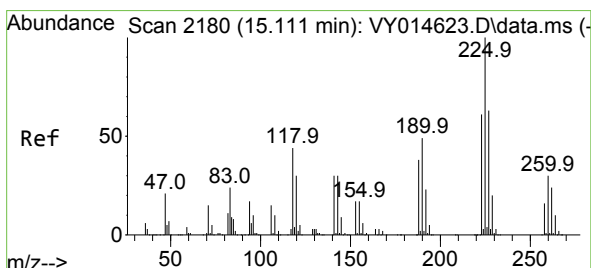
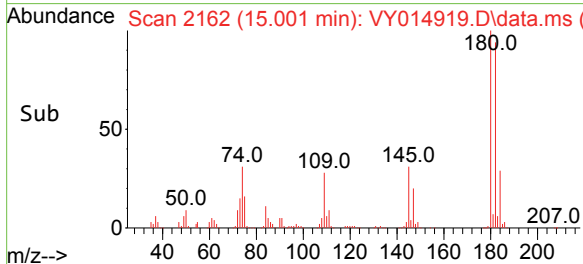
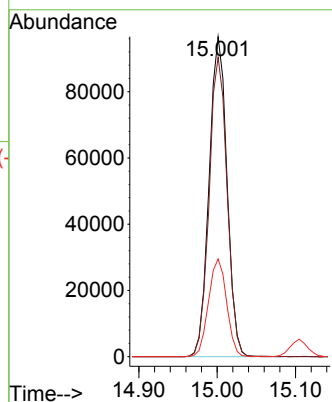
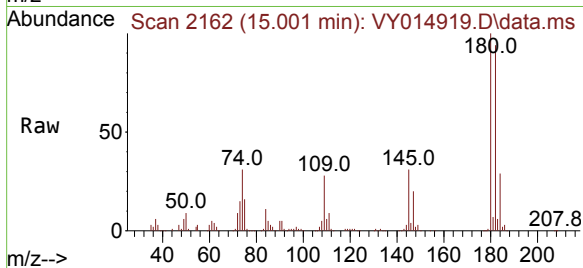
Tgt Ion:180 Resp: 152690

Ion Ratio Lower Upper

180 100

182 94.1 47.0 141.2

145 30.9 14.5 43.5



#94

Hexachlorobutadiene

Concen: 45.496 ug/l

RT: 15.105 min Scan# 2179

Delta R.T. -0.006 min

Lab File: VY014919.D

Acq: 28 Jul 2023 19:20

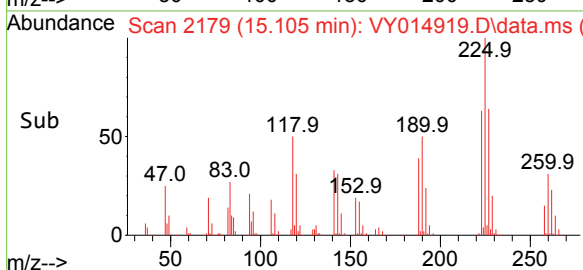
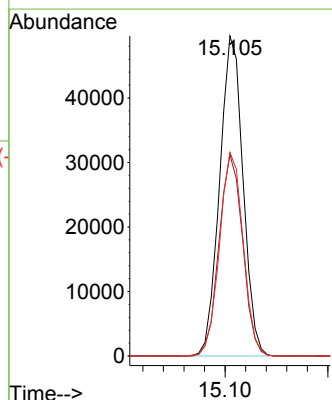
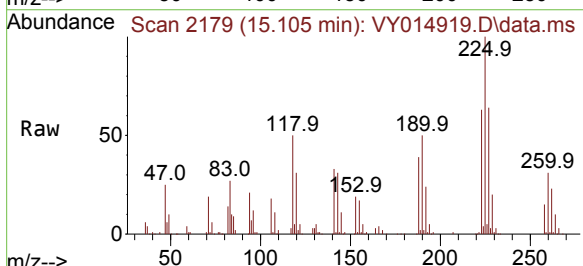
Tgt Ion:225 Resp: 78251

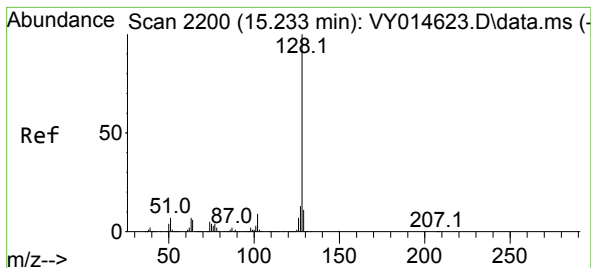
Ion Ratio Lower Upper

225 100

223 63.4 31.9 95.9

227 64.1 33.0 98.9





#95

Naphthalene

Concen: 51.752 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY014919.D

Acq: 28 Jul 2023 19:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

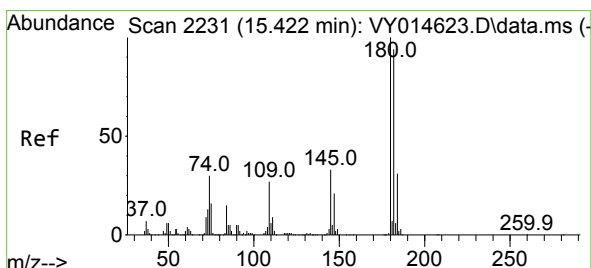
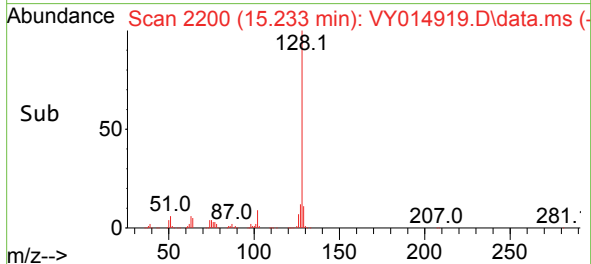
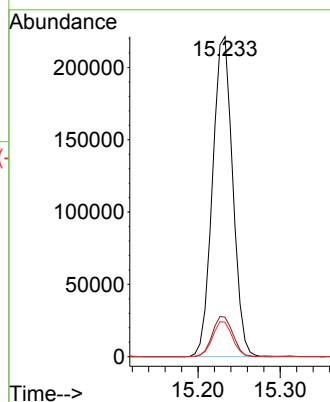
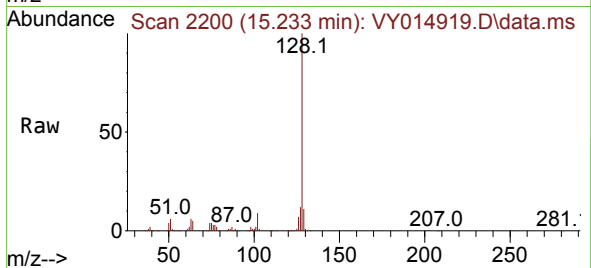
Tgt Ion:128 Resp: 377368

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 50.112 ug/l

RT: 15.416 min Scan# 2230

Delta R.T. -0.006 min

Lab File: VY014919.D

Acq: 28 Jul 2023 19:20

Tgt Ion:180 Resp: 139392

Ion Ratio Lower Upper

180 100

182 94.7 47.3 141.8

145 33.0 15.4 46.2

