

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070323\
 Data File : VY014551.D
 Acq On : 03 Jul 2023 21:28
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 04 03:07:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	384587	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	568449	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	531612	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	284555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	188666	49.314	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.620%
35) Dibromofluoromethane	7.716	113	185848	53.091	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.180%
50) Toluene-d8	10.179	98	713856	51.586	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.180%
62) 4-Bromofluorobenzene	12.477	95	253328	52.720	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	123550	44.325	ug/l	100
3) Chloromethane	2.107	50	186919	41.966	ug/l	96
4) Vinyl Chloride	2.247	62	230244	44.847	ug/l	97
5) Bromomethane	2.638	94	195658	49.148	ug/l	100
6) Chloroethane	2.784	64	150254	45.453	ug/l	97
7) Trichlorofluoromethane	3.113	101	291679	46.779	ug/l	100
8) Diethyl Ether	3.528	74	110645	46.865	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.887	101	171380	46.026	ug/l	96
10) Methyl Iodide	4.082	142	167901	39.514	ug/l	91
11) Tert butyl alcohol	4.948	59	178523	270.927	ug/l #	87
12) 1,1-Dichloroethene	3.863	96	167819	46.523	ug/l	84
13) Acrolein	3.723	56	95598	188.268	ug/l	100
14) Allyl chloride	4.473	41	236335	43.468	ug/l #	85
15) Acrylonitrile	5.155	53	320539	236.501	ug/l	98
16) Acetone	3.942	43	243083	203.456	ug/l #	86
17) Carbon Disulfide	4.186	76	493669	44.909	ug/l	98
18) Methyl Acetate	4.473	43	251876	46.311	ug/l #	88
19) Methyl tert-butyl Ether	5.216	73	504955	48.706	ug/l	100
20) Methylene Chloride	4.710	84	231116	53.989	ug/l	85
21) trans-1,2-Dichloroethene	5.210	96	193896	47.487	ug/l	92
22) Diisopropyl ether	6.119	45	518666	46.296	ug/l #	85
23) Vinyl Acetate	6.058	43	1517075	234.055	ug/l #	92
24) 1,1-Dichloroethane	6.009	63	322931	45.916	ug/l	97
25) 2-Butanone	6.978	43	403395	228.026	ug/l #	88
26) 2,2-Dichloropropane	6.972	77	239361	39.929	ug/l	93
27) cis-1,2-Dichloroethene	6.978	96	223555	48.266	ug/l	88
28) Bromochloromethane	7.332	49	135527	45.891	ug/l #	77
29) Tetrahydrofuran	7.344	42	274855	240.871	ug/l #	83
30) Chloroform	7.502	83	346309	47.203	ug/l	96
31) Cyclohexane	7.783	56	260509	43.402	ug/l	90
32) 1,1,1-Trichloroethane	7.698	97	291148	46.427	ug/l	96
36) 1,1-Dichloropropene	7.917	75	251603	46.934	ug/l	97
37) Ethyl Acetate	7.070	43	170052	46.255	ug/l #	89
38) Carbon Tetrachloride	7.899	117	265856	47.507	ug/l	99
39) Methylcyclohexane	9.179	83	311373	48.594	ug/l	94
40) Benzene	8.155	78	769146	47.399	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	241968	134.722	ug/l #	17
42) 1,2-Dichloroethane	8.234	62	222563	46.663	ug/l	93
43) Isopropyl Acetate	8.271	43	295016	47.352	ug/l #	89
44) Trichloroethene	8.935	130	220606	48.764	ug/l	96
45) 1,2-Dichloropropane	9.209	63	194308	46.677	ug/l	98
46) Dibromomethane	9.301	93	123921	48.898	ug/l	93
47) Bromodichloromethane	9.496	83	269848	48.326	ug/l	98
48) Methyl methacrylate	9.289	41	134512	47.477	ug/l #	76
49) 1,4-Dioxane	9.295	88	48917	1080.937	ug/l #	64
51) 4-Methyl-2-Pentanone	10.069	43	885399	240.045	ug/l #	87
52) Toluene	10.240	92	495807	48.553	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	281548	47.151	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	313568	47.066	ug/l #	82
55) 1,1,2-Trichloroethane	10.642	97	181780	49.295	ug/l	98
56) Ethyl methacrylate	10.508	69	252929	50.422	ug/l #	76
57) 1,3-Dichloropropane	10.788	76	289427	48.170	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	614044	252.678	ug/l	94
59) 2-Hexanone	10.831	43	645845	242.397	ug/l	84
60) Dibromochloromethane	10.984	129	214516	49.645	ug/l	99
61) 1,2-Dibromoethane	11.087	107	179186	49.772	ug/l	99
64) Tetrachloroethene	10.715	164	236935	49.857	ug/l	95
65) Chlorobenzene	11.514	112	549408	48.495	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	210880	48.974	ug/l	98
67) Ethyl Benzene	11.587	91	942146	48.766	ug/l	97
68) m/p-Xylenes	11.703	106	749863	97.849	ug/l	92
69) o-Xylene	12.026	106	359480	49.457	ug/l	93
70) Styrene	12.038	104	625851	50.047	ug/l	95
71) Bromoform	12.209	173	164711	50.350	ug/l	99
73) Isopropylbenzene	12.325	105	925982	49.687	ug/l	99
74) N-amyl acetate	12.142	43	263962	46.930	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.581	83	231624	48.432	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	293418	87.872	ug/l #	100
77) Bromobenzene	12.605	156	253667	49.835	ug/l	92
78) n-propylbenzene	12.666	91	1111332	48.886	ug/l	98
79) 2-Chlorotoluene	12.752	91	637364	48.717	ug/l	96
80) 1,3,5-Trimethylbenzene	12.813	105	786356	49.842	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.374	75	78351	45.671	ug/l #	85
82) 4-Chlorotoluene	12.849	91	662692	48.350	ug/l	96
83) tert-Butylbenzene	13.075	119	693336	50.004	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	783157	49.745	ug/l	97
85) sec-Butylbenzene	13.251	105	1010623	49.394	ug/l	99
86) p-Isopropyltoluene	13.367	119	866649	50.332	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	487254	48.959	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	482015	48.327	ug/l	98
89) n-Butylbenzene	13.696	91	786310	49.414	ug/l	97
90) Hexachloroethane	13.959	117	163274	47.870	ug/l	83
91) 1,2-Dichlorobenzene	13.739	146	446956	49.580	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	42369	48.390	ug/l	78
93) 1,2,4-Trichlorobenzene	15.001	180	294534	50.584	ug/l	99
94) Hexachlorobutadiene	15.111	225	184738	51.623	ug/l	99
95) Naphthalene	15.233	128	646567	52.193	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	272489	51.361	ug/l	99

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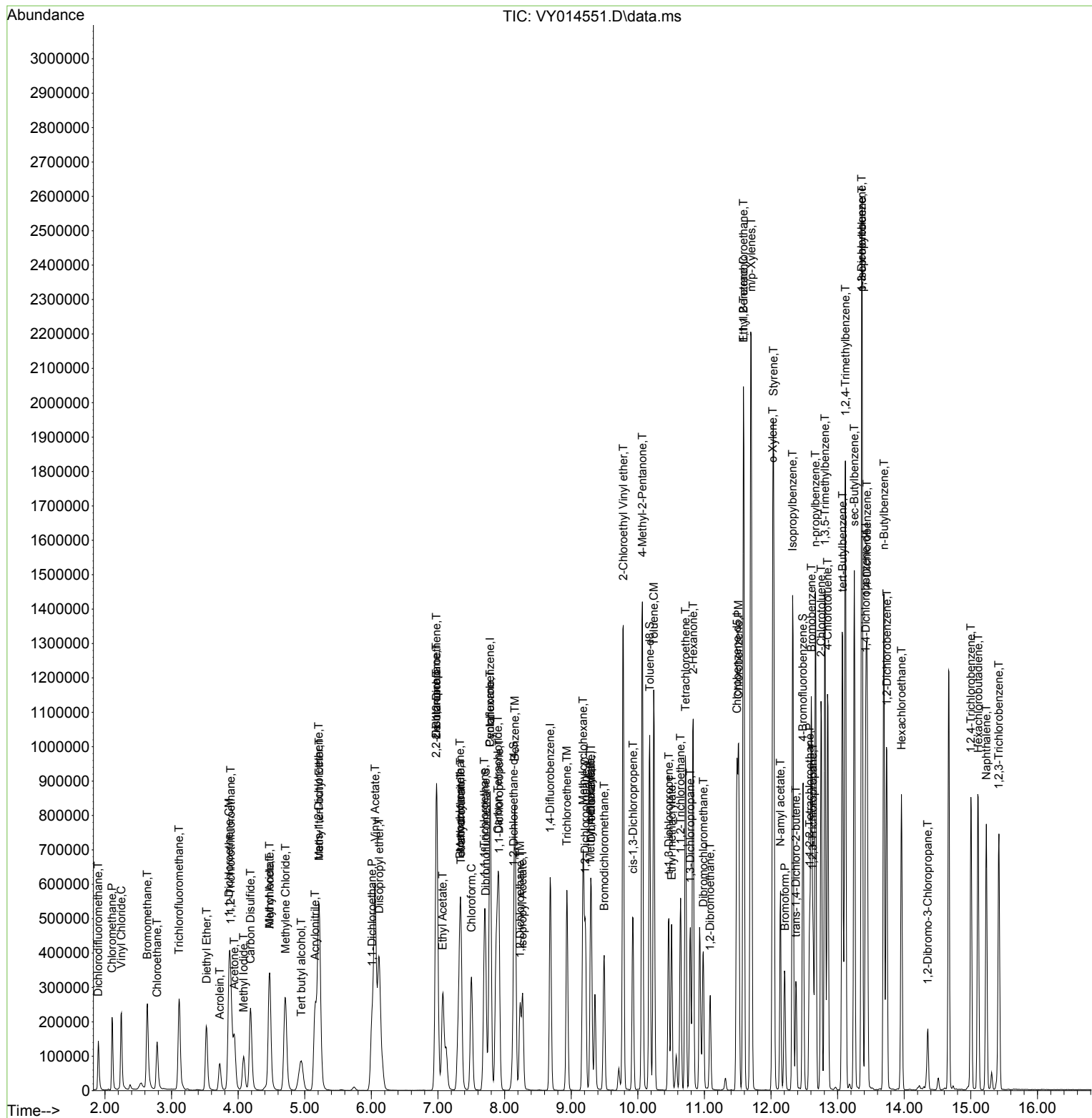
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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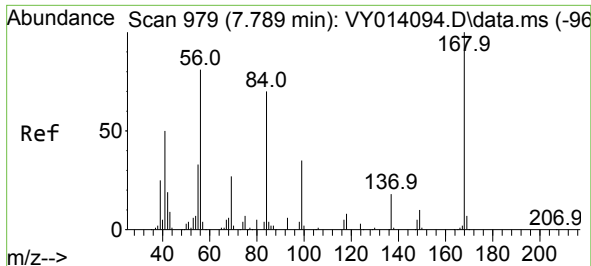
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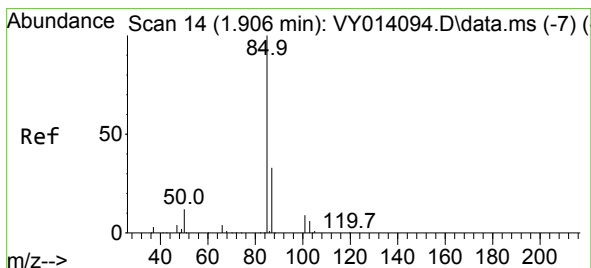
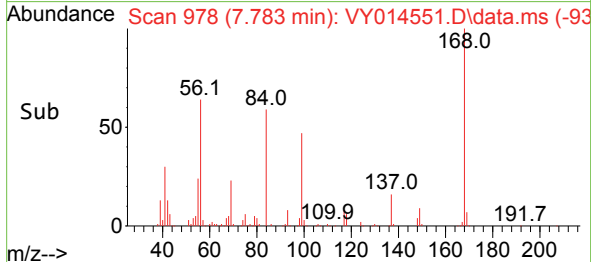
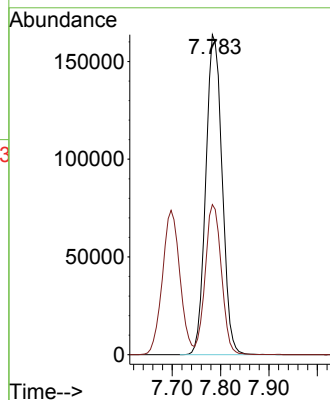
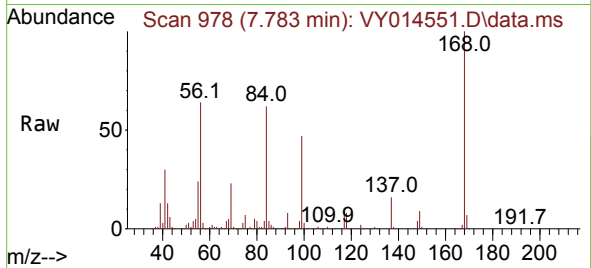




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
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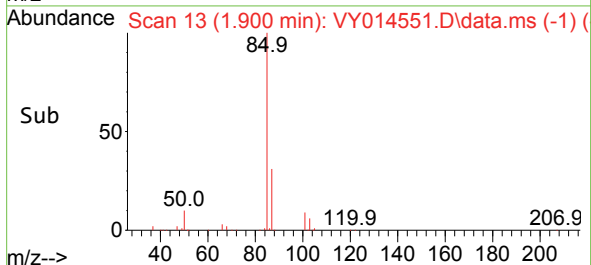
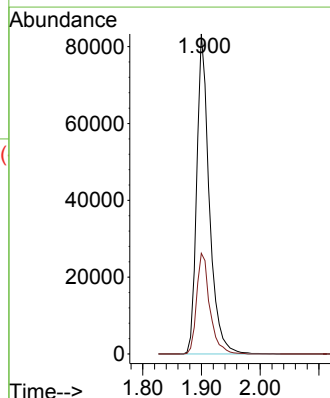
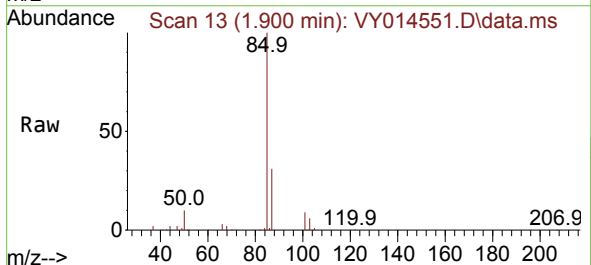
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ClientSampleId :
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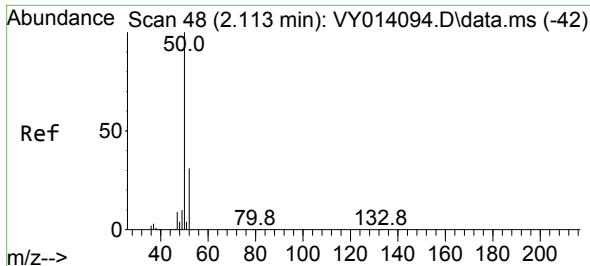
Tgt Ion:168 Resp: 384587
Ion Ratio Lower Upper
168 100
99 46.8 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 44.325 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

Tgt Ion: 85 Resp: 123550
Ion Ratio Lower Upper
85 100
87 31.5 15.6 46.8

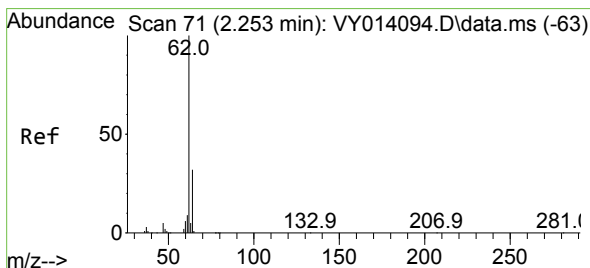
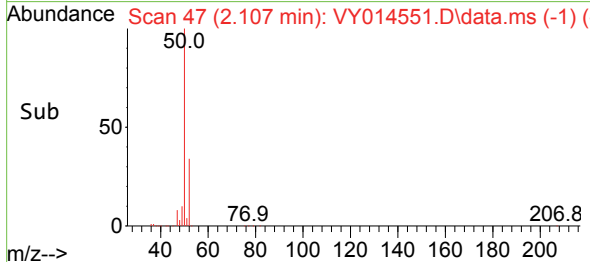
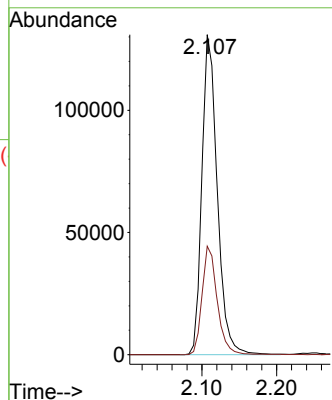
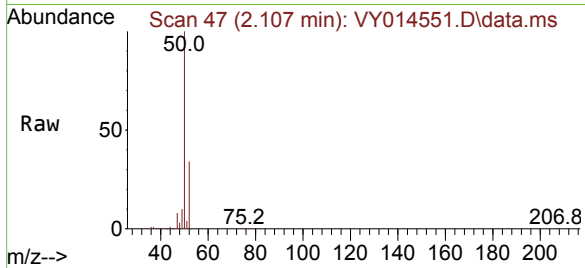




#3
Chloromethane
Concen: 41.966 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

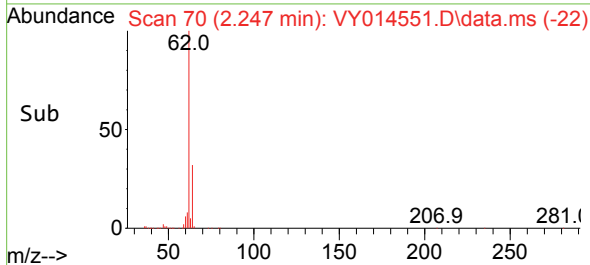
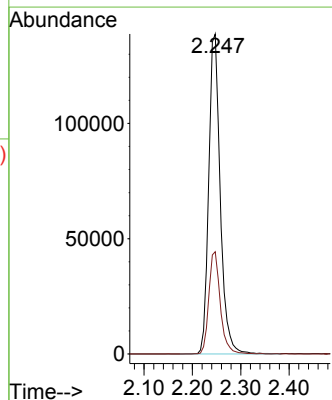
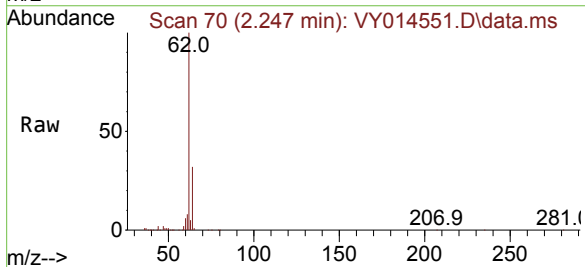
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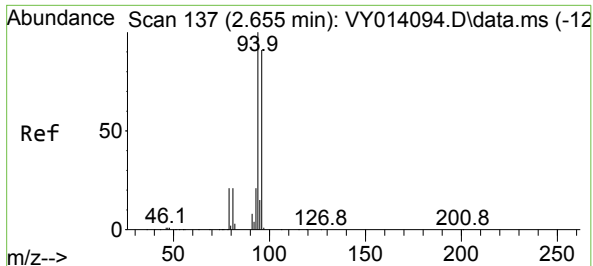
Tgt Ion: 50 Resp: 186919
Ion Ratio Lower Upper
50 100
52 33.9 25.4 38.2



#4
Vinyl Chloride
Concen: 44.847 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY014551.D
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Tgt Ion: 62 Resp: 230244
Ion Ratio Lower Upper
62 100
64 32.0 24.3 36.5

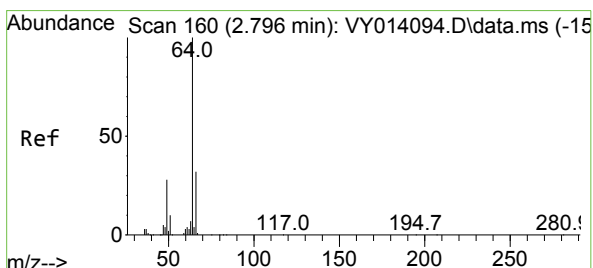
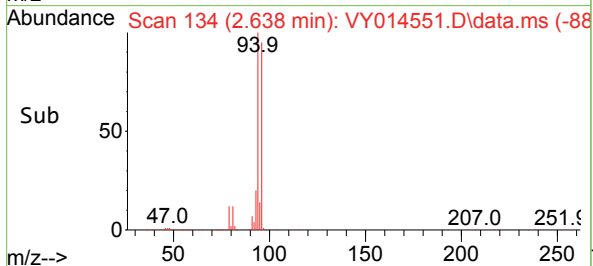
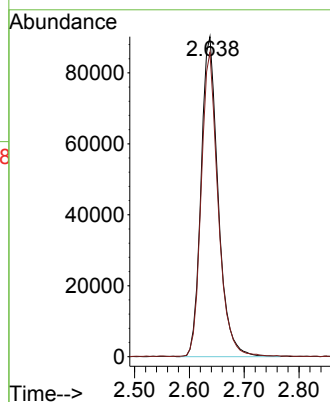
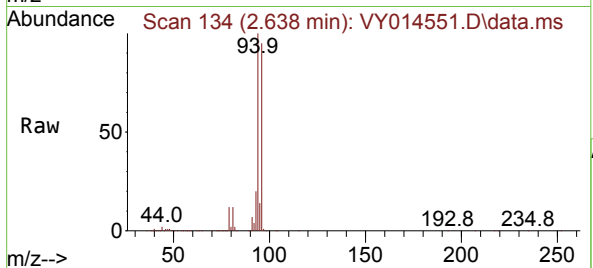




#5
Bromomethane
Concen: 49.148 ug/l
RT: 2.638 min Scan# 11
Delta R.T. -0.017 min
Lab File: VY014551.D
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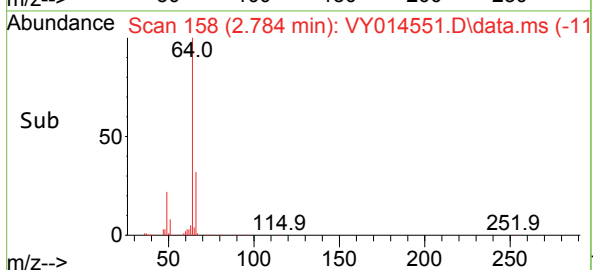
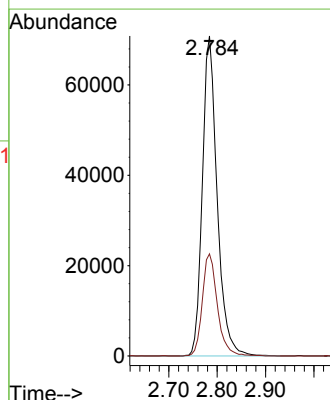
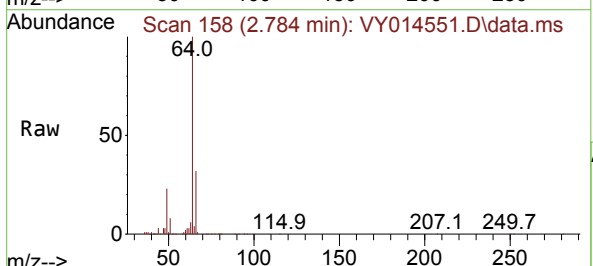
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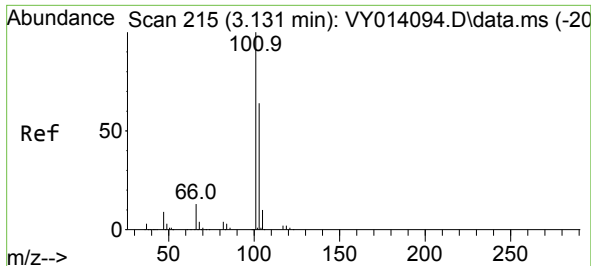
Tgt Ion: 94 Resp: 195658
Ion Ratio Lower Upper
94 100
96 95.0 75.8 113.6



#6
Chloroethane
Concen: 45.453 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.012 min
Lab File: VY014551.D
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Tgt Ion: 64 Resp: 150254
Ion Ratio Lower Upper
64 100
66 31.9 24.4 36.6

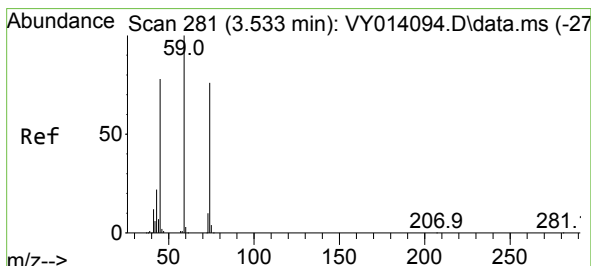
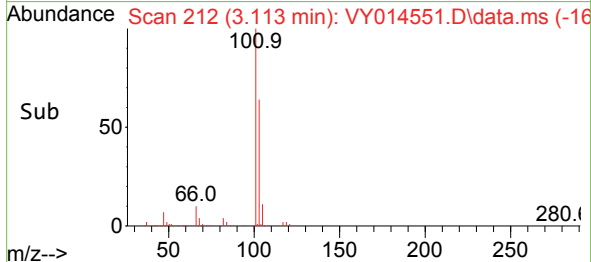
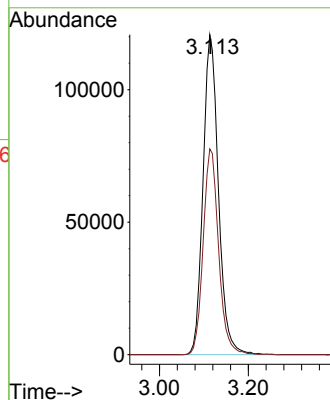
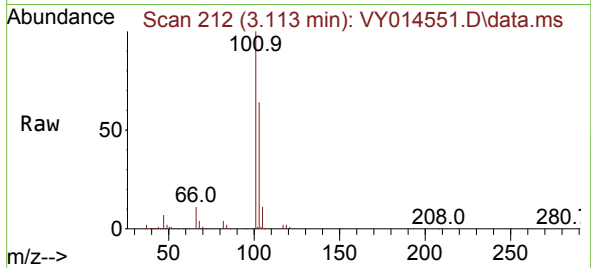




#7
 Trichlorofluoromethane
 Concen: 46.779 ug/l
 RT: 3.113 min Scan# 215
 Delta R.T. -0.018 min
 Lab File: VY014551.D
 Acq: 03 Jul 2023 21:28

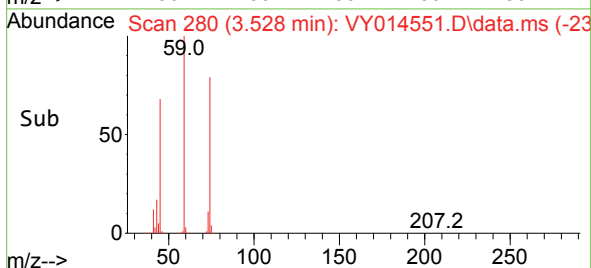
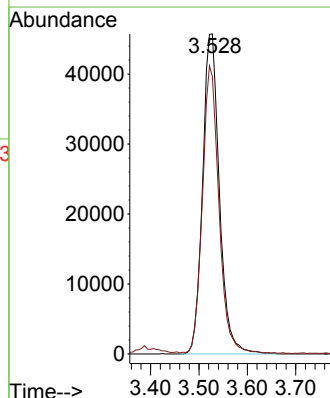
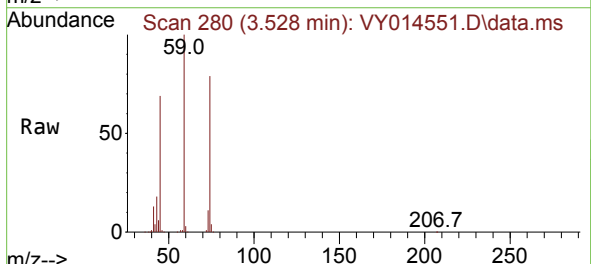
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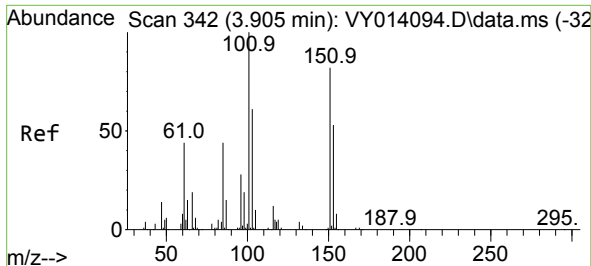
Tgt Ion:101 Resp: 291679
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.4 77.0



#8
 Diethyl Ether
 Concen: 46.865 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. -0.005 min
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Tgt Ion: 74 Resp: 110645
 Ion Ratio Lower Upper
 74 100
 45 87.7 51.5 154.5

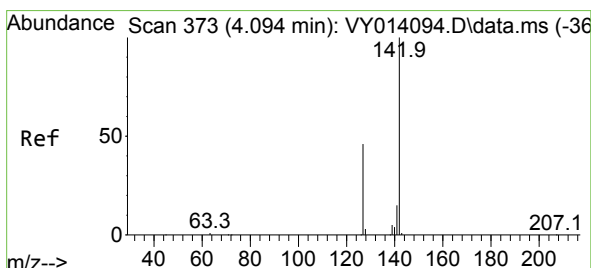
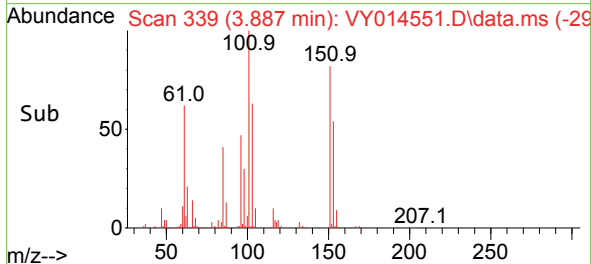
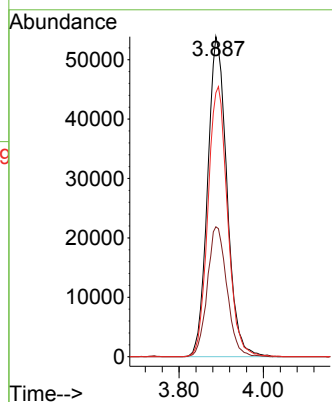
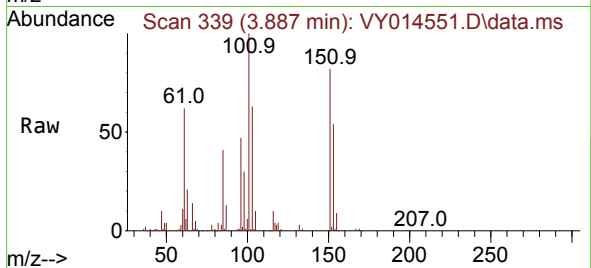




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.026 ug/l
RT: 3.887 min Scan# 311
Delta R.T. -0.018 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

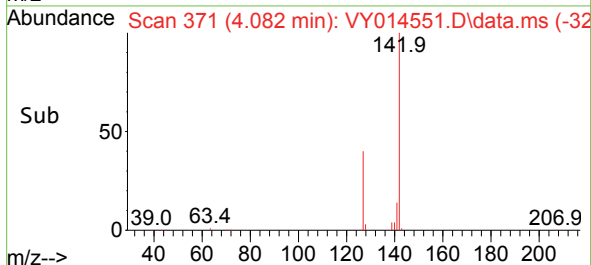
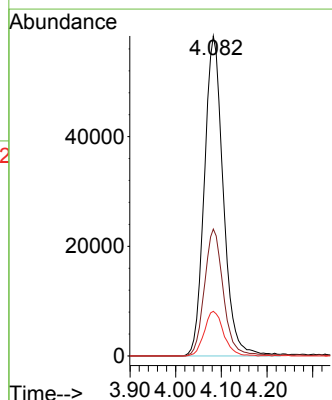
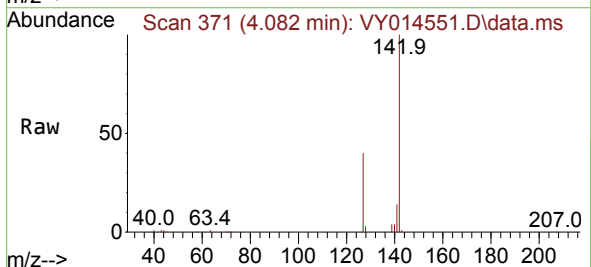
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

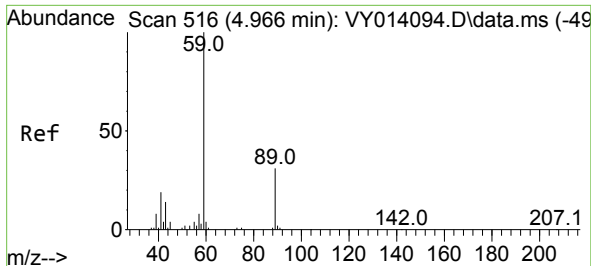
Tgt Ion:101 Resp: 171380
Ion Ratio Lower Upper
101 100
85 41.3 36.6 55.0
151 85.8 67.0 100.6



#10
Methyl Iodide
Concen: 39.514 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.012 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

Tgt Ion:142 Resp: 167901
Ion Ratio Lower Upper
142 100
127 39.7 37.6 56.4
141 14.3 11.8 17.8

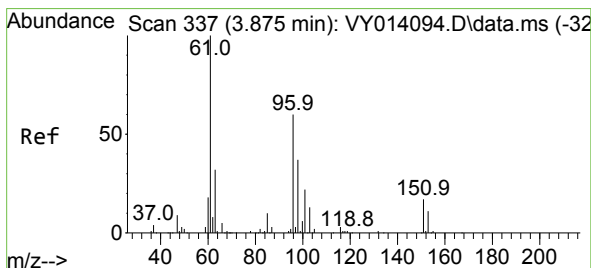
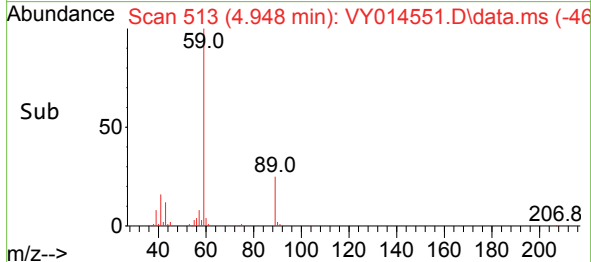
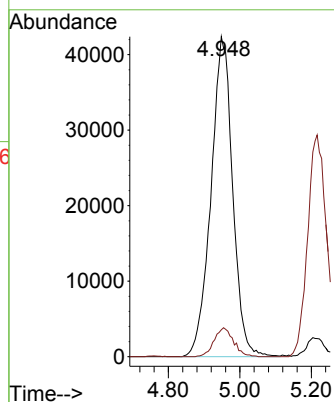
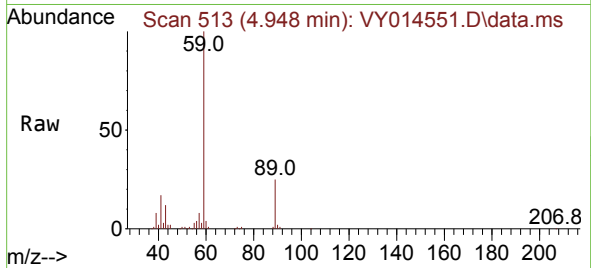




#11
Tert butyl alcohol
Concen: 270.927 ug/l
RT: 4.948 min Scan# 516
Delta R.T. -0.018 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

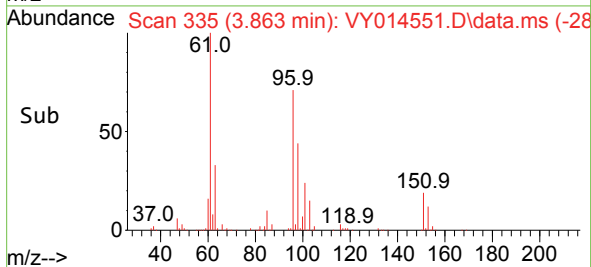
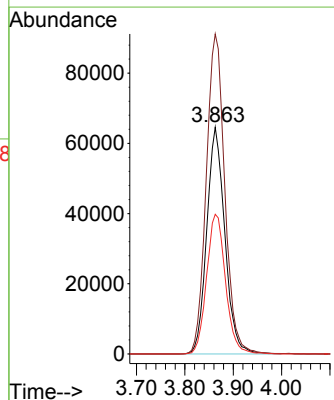
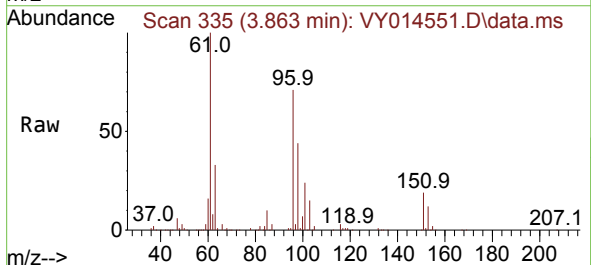
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

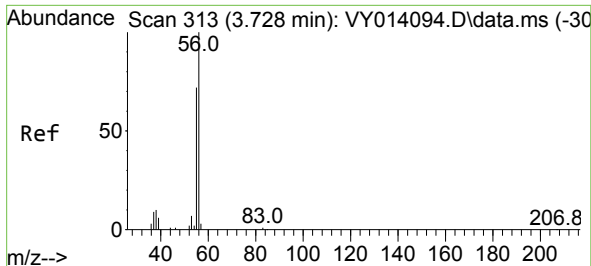
Tgt Ion: 59 Resp: 178523
Ion Ratio Lower Upper
59 100
57 8.1 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 46.523 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.012 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

Tgt Ion: 96 Resp: 167819
Ion Ratio Lower Upper
96 100
61 141.1 136.4 204.6
98 61.6 49.4 74.2

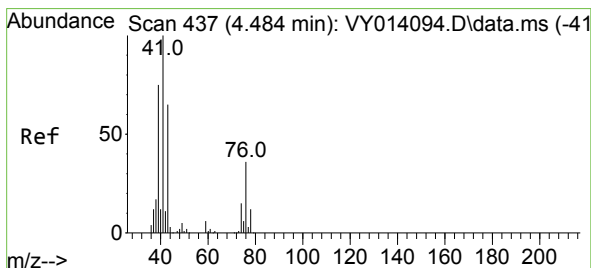
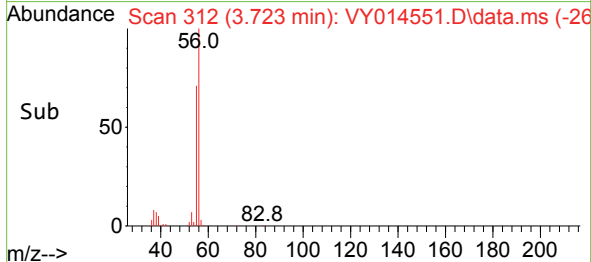
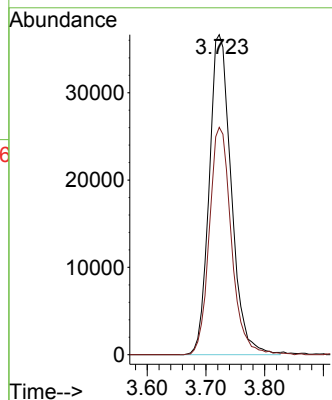
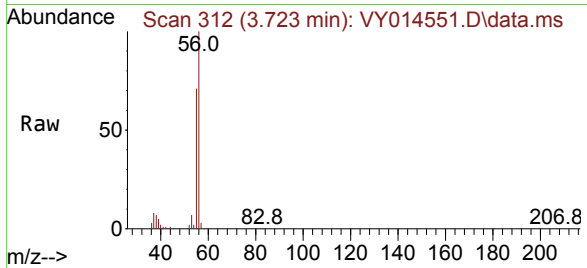




#13
Acrolein
Concen: 188.268 ug/l
RT: 3.723 min Scan# 313
Delta R.T. -0.005 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

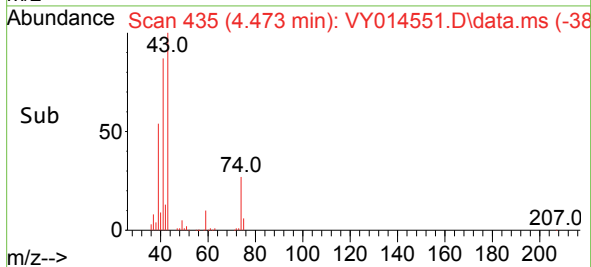
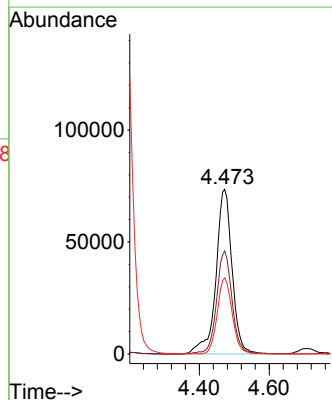
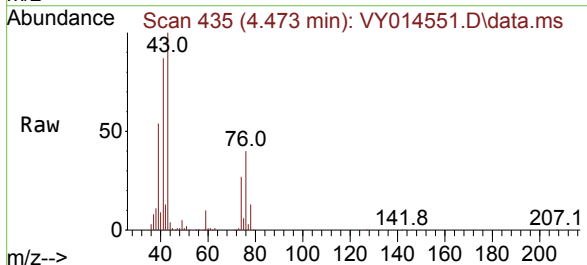
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

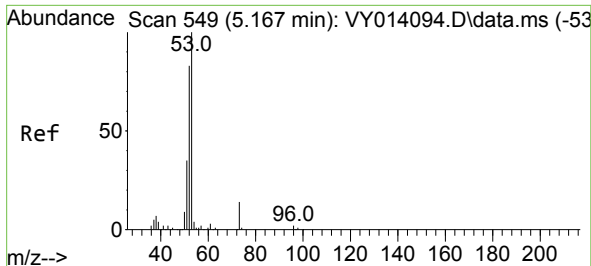
Tgt Ion: 56 Resp: 95598
Ion Ratio Lower Upper
56 100
55 71.0 57.0 85.4



#14
Allyl chloride
Concen: 43.468 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.011 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

Tgt Ion: 41 Resp: 236335
Ion Ratio Lower Upper
41 100
39 59.7 58.0 87.0
76 42.6 27.4 41.2#





#15

Acrylonitrile

Concen: 236.501 ug/l

RT: 5.155 min Scan# 54

Delta R.T. -0.012 min

Lab File: VY014551.D

Acq: 03 Jul 2023 21:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

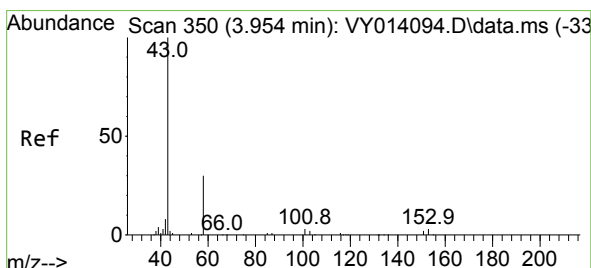
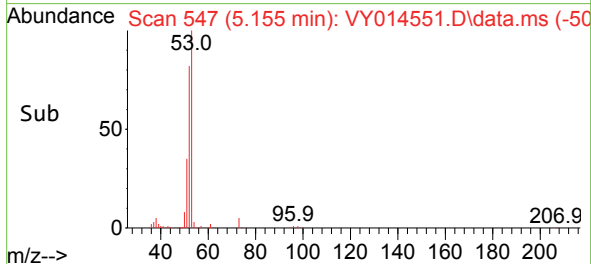
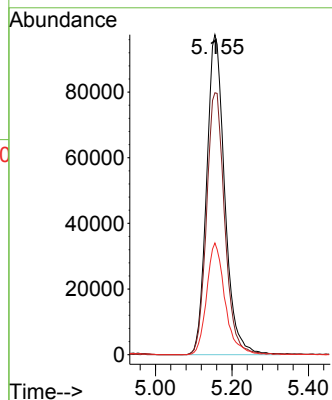
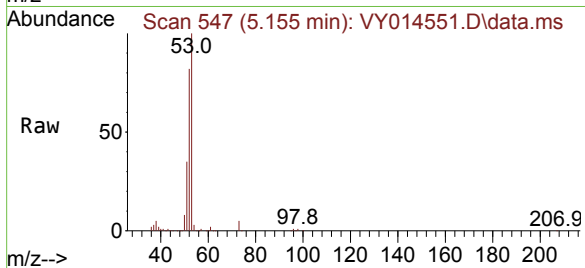
Tgt Ion: 53 Resp: 320539

Ion Ratio Lower Upper

53 100

52 82.1 66.9 100.3

51 35.5 29.8 44.6



#16

Acetone

Concen: 203.456 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.012 min

Lab File: VY014551.D

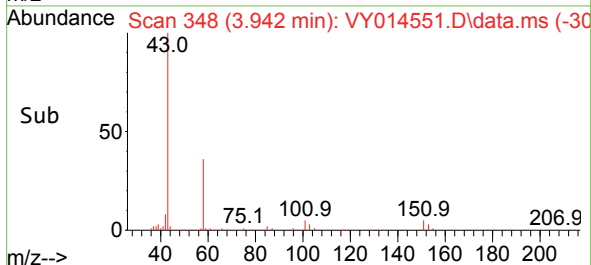
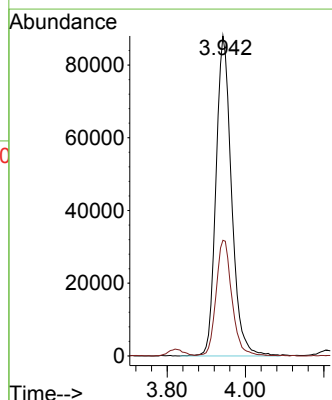
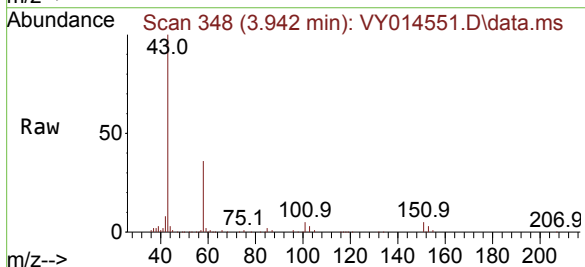
Acq: 03 Jul 2023 21:28

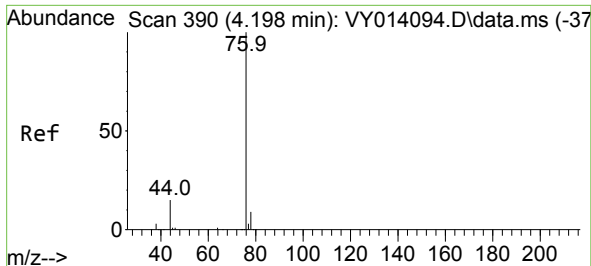
Tgt Ion: 43 Resp: 243083

Ion Ratio Lower Upper

43 100

58 36.0 22.7 34.1#

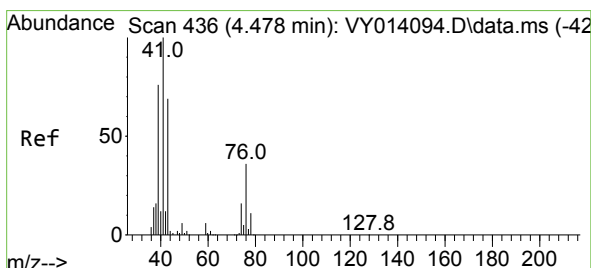
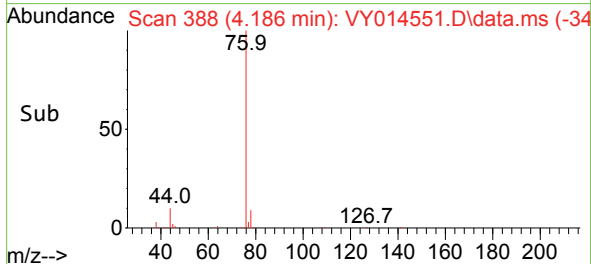
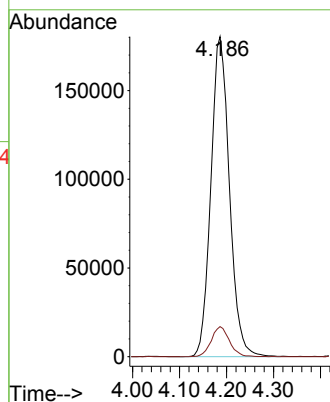
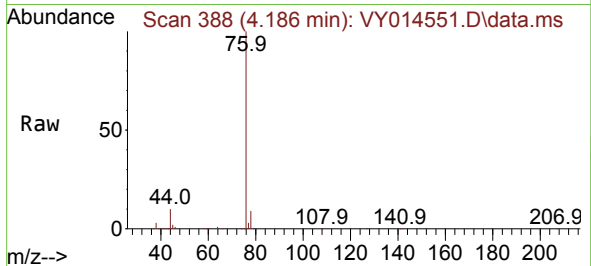




#17
Carbon Disulfide
Concen: 44.909 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

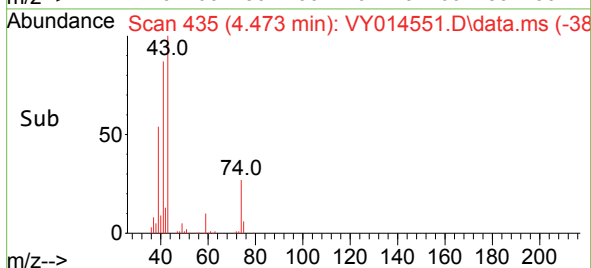
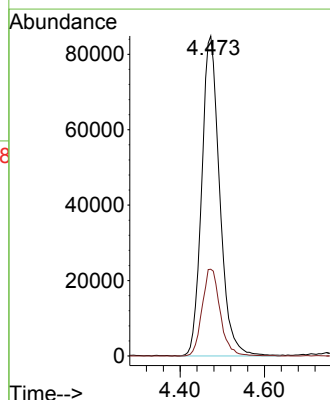
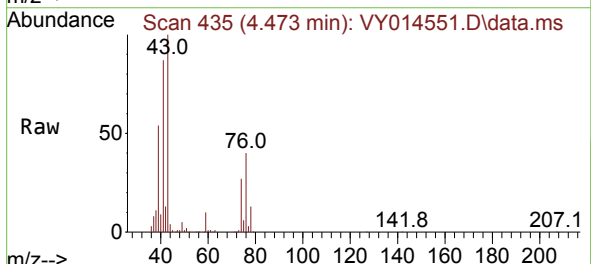
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

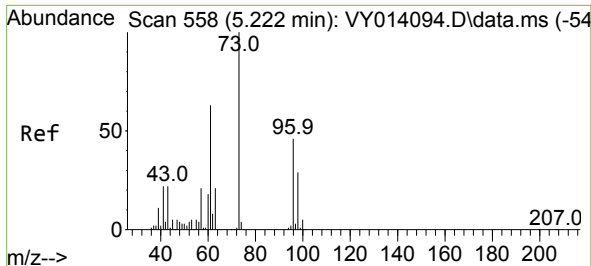
Tgt Ion: 76 Resp: 493669
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4



#18
Methyl Acetate
Concen: 46.311 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.005 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

Tgt Ion: 43 Resp: 251876
Ion Ratio Lower Upper
43 100
74 27.3 17.4 26.0#

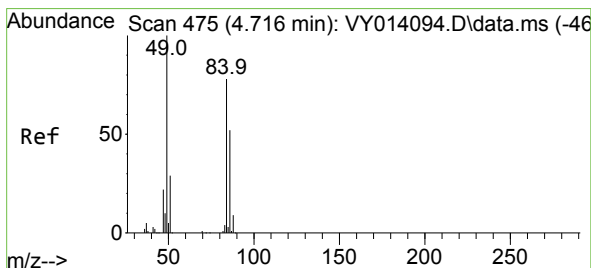
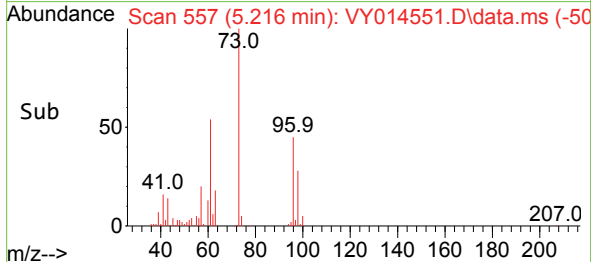
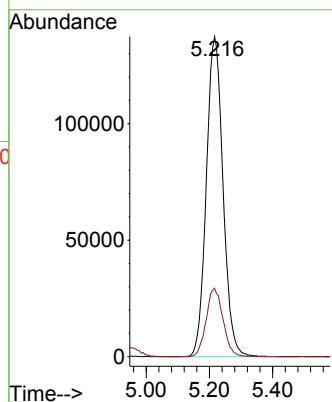
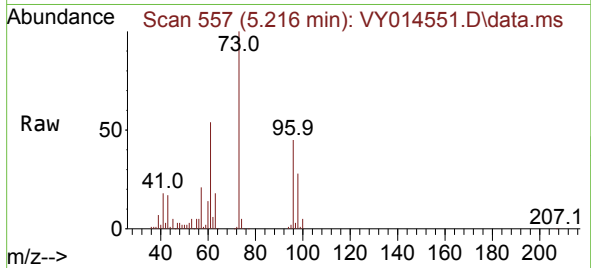




#19
Methyl tert-butyl Ether
Concen: 48.706 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

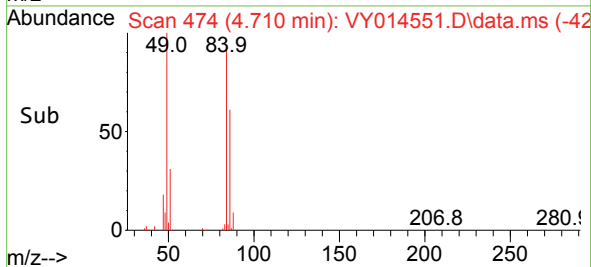
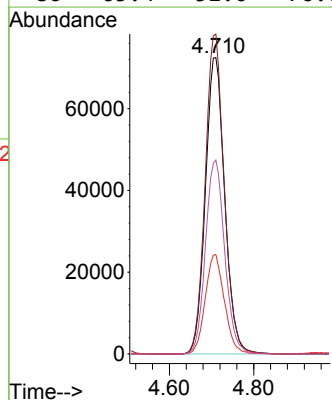
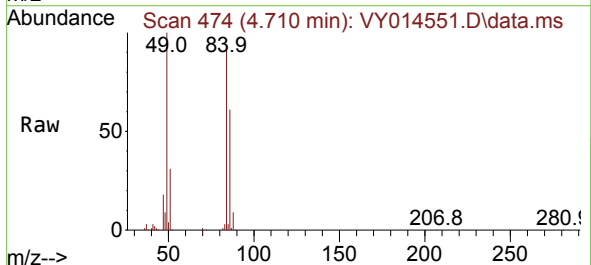
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

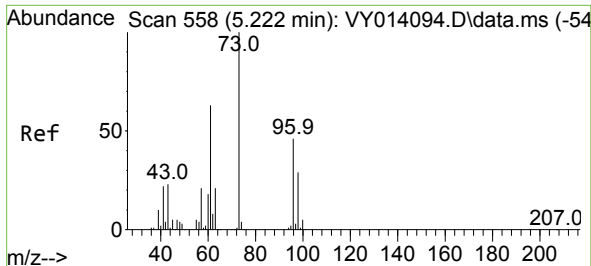
Tgt Ion: 73 Resp: 504955
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9



#20
Methylene Chloride
Concen: 53.989 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

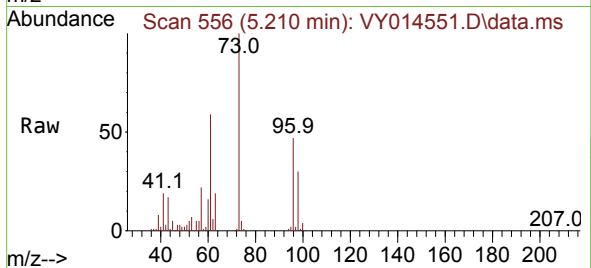
Tgt Ion: 84 Resp: 231116
Ion Ratio Lower Upper
84 100
49 108.0 106.9 160.3
51 33.5 33.2 49.8
86 65.4 51.0 76.6



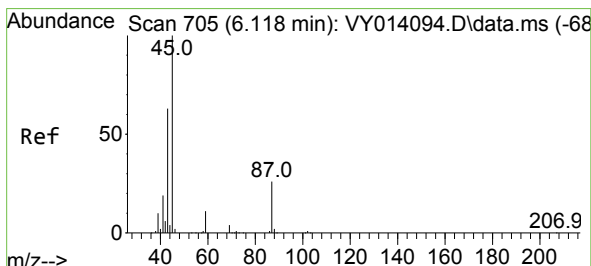
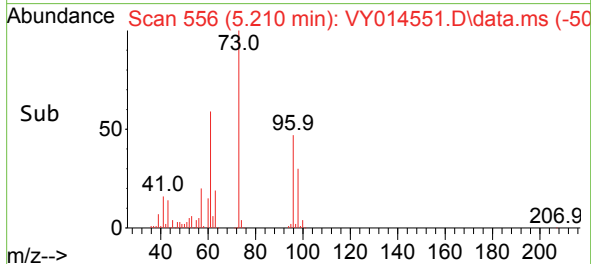
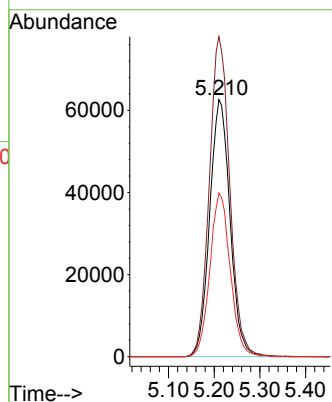


#21
trans-1,2-Dichloroethene
Concen: 47.487 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

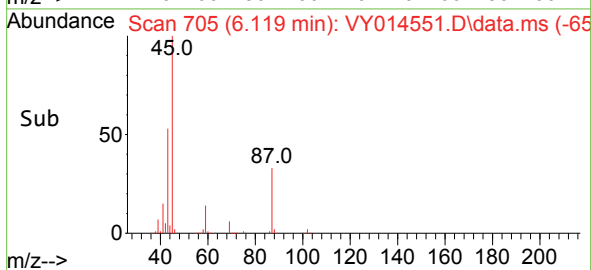
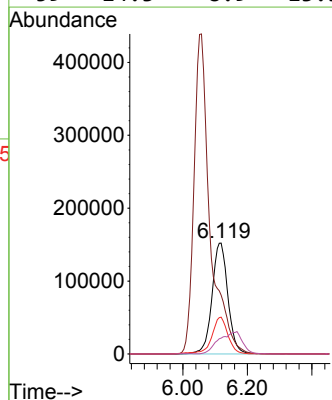
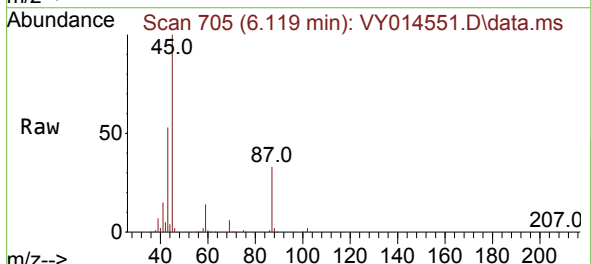


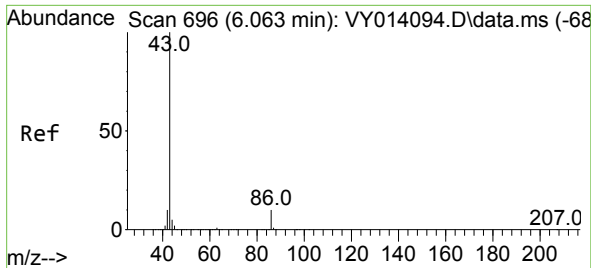
Tgt Ion: 96 Resp: 193896
Ion Ratio Lower Upper
96 100
61 124.5 110.2 165.4
98 63.6 51.8 77.6



#22
Diisopropyl ether
Concen: 46.296 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.001 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

Tgt Ion: 45 Resp: 518666
Ion Ratio Lower Upper
45 100
43 52.7 52.2 78.4
87 33.2 21.0 31.6#
59 14.3 8.9 13.3#

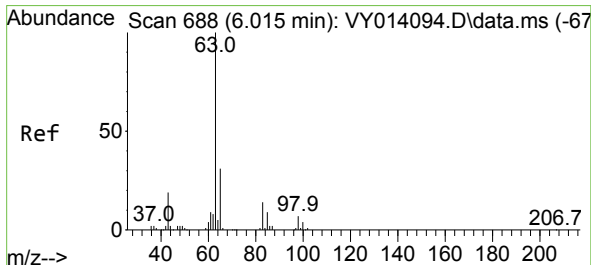
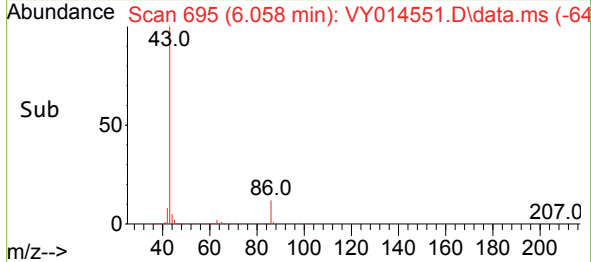
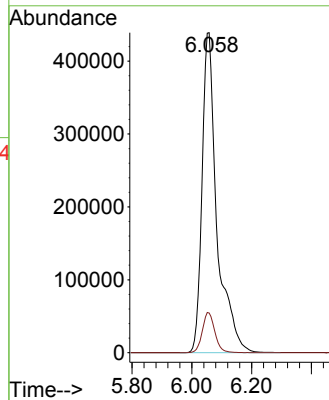
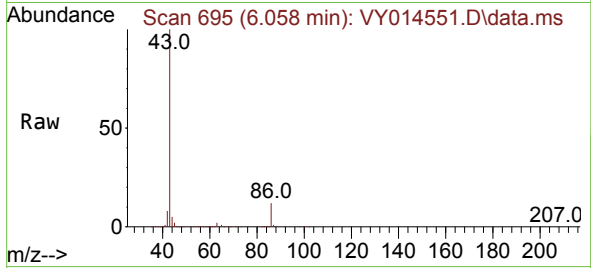




#23
 Vinyl Acetate
 Concen: 234.055 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. -0.005 min
 Lab File: VY014551.D
 Acq: 03 Jul 2023 21:28

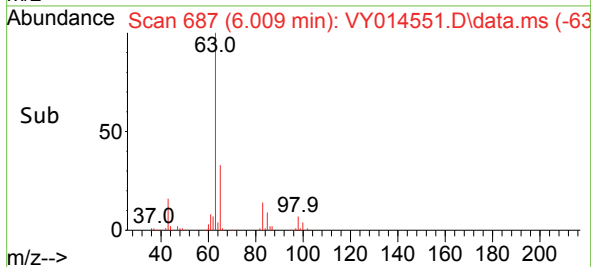
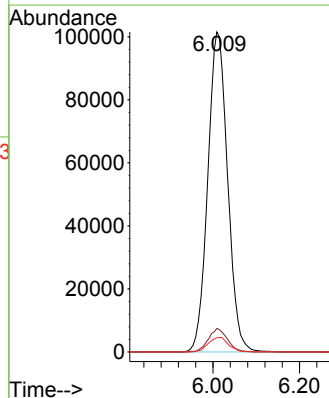
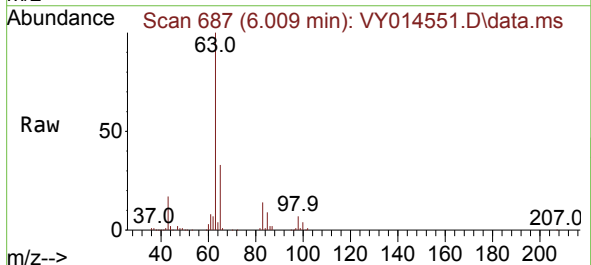
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

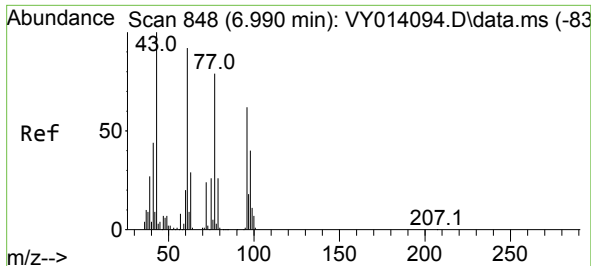
Tgt Ion: 43 Resp: 1517075
 Ion Ratio Lower Upper
 43 100
 86 12.4 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 45.916 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY014551.D
 Acq: 03 Jul 2023 21:28

Tgt Ion: 63 Resp: 322931
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.1 9.4
 100 4.4 1.8 5.5





#25

2-Butanone

Concen: 228.026 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY014551.D

Acq: 03 Jul 2023 21:28

Instrument :

MSVOA_Y

ClientSampleId :

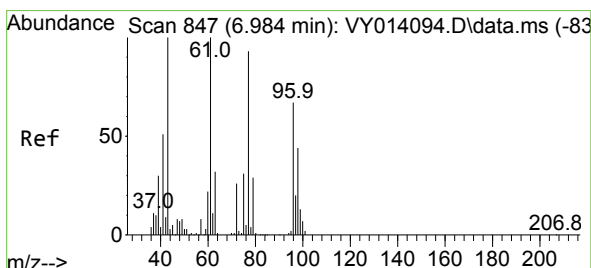
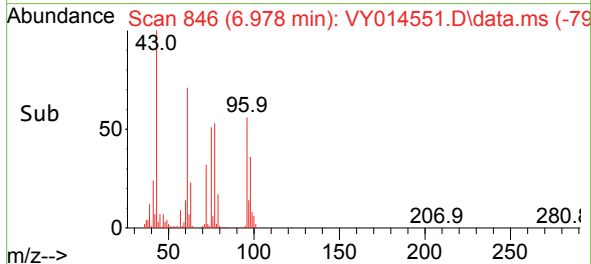
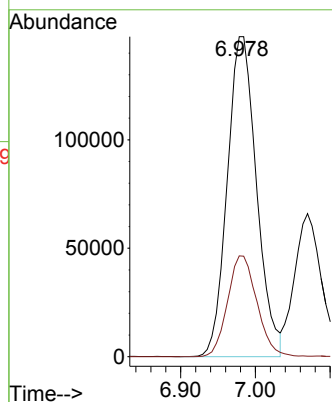
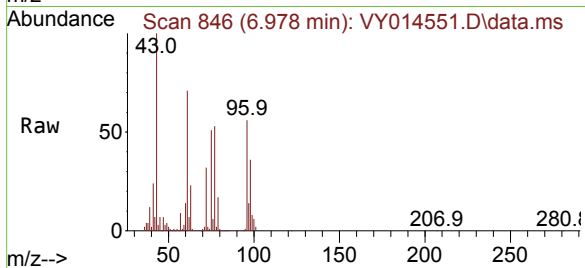
VSTDCCC050EC

Tgt Ion: 43 Resp: 403395

Ion Ratio Lower Upper

43 100

72 31.5 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 39.929 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.012 min

Lab File: VY014551.D

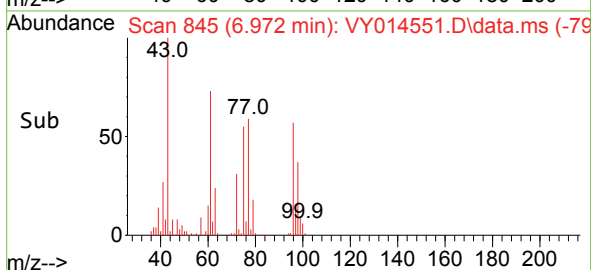
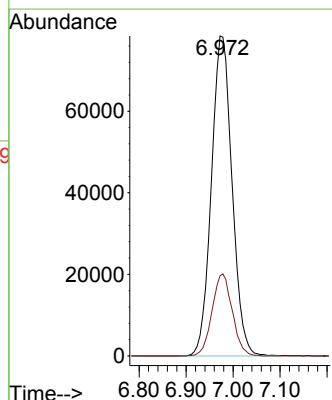
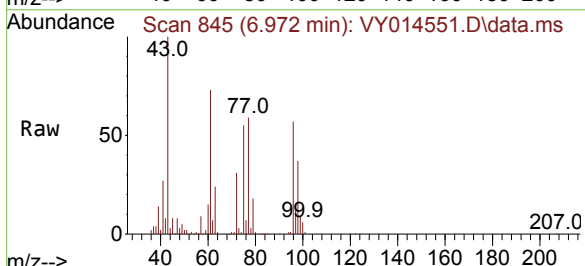
Acq: 03 Jul 2023 21:28

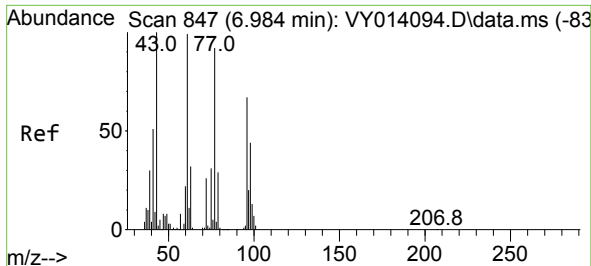
Tgt Ion: 77 Resp: 239361

Ion Ratio Lower Upper

77 100

97 25.0 10.9 32.9

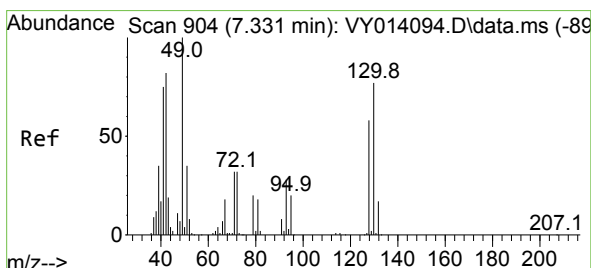
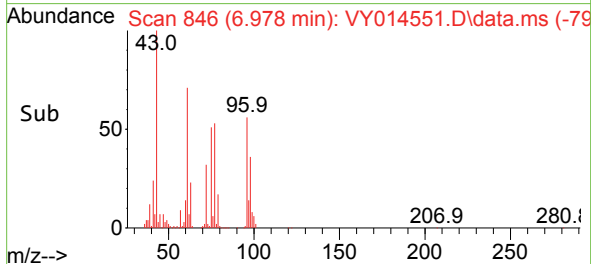
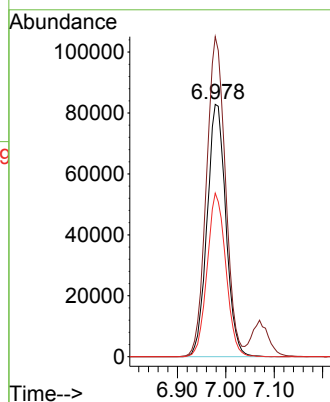
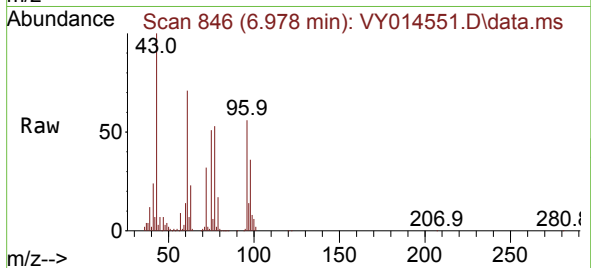




#27
 cis-1,2-Dichloroethene
 Concen: 48.266 ug/l
 RT: 6.978 min Scan# 847
 Delta R.T. -0.006 min
 Lab File: VY014551.D
 Acq: 03 Jul 2023 21:28

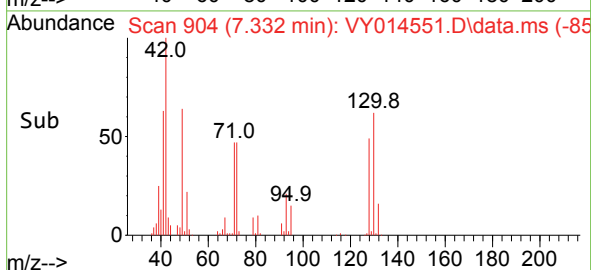
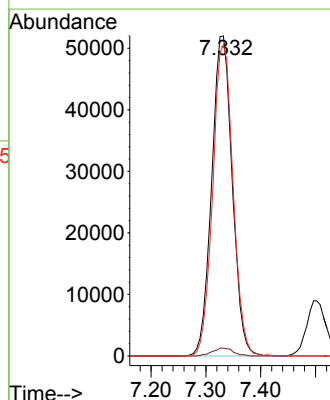
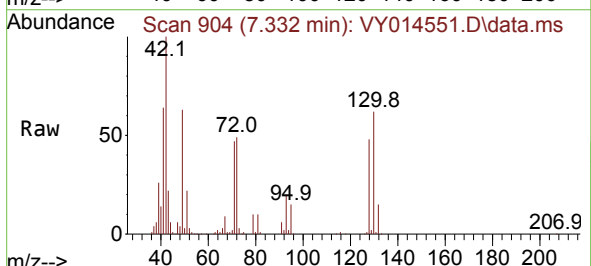
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

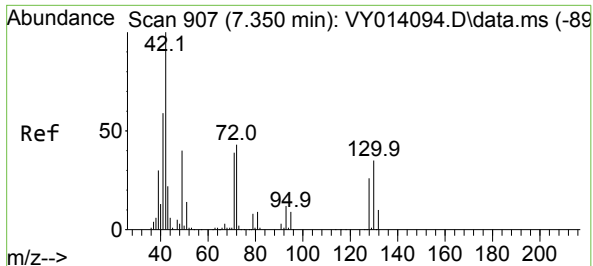
Tgt Ion: 96 Resp: 223555
 Ion Ratio Lower Upper
 96 100
 61 128.8 0.0 301.4
 98 64.5 0.0 130.4



#28
 Bromochloromethane
 Concen: 45.891 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.001 min
 Lab File: VY014551.D
 Acq: 03 Jul 2023 21:28

Tgt Ion: 49 Resp: 135527
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.6
 130 96.2 60.7 91.1#





#29

Tetrahydrofuran

Concen: 240.871 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY014551.D

Acq: 03 Jul 2023 21:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

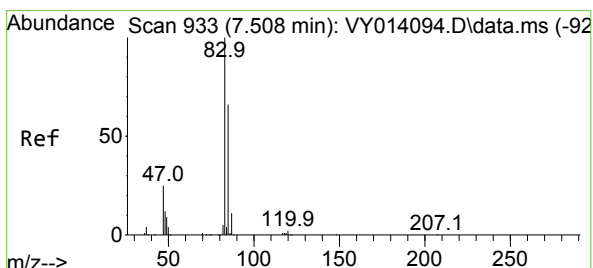
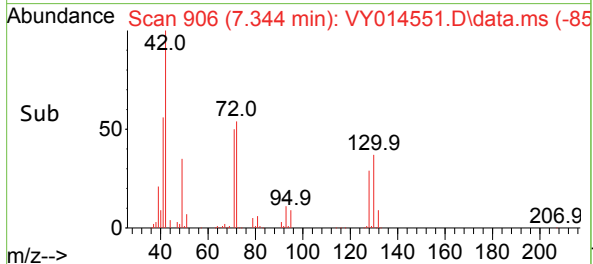
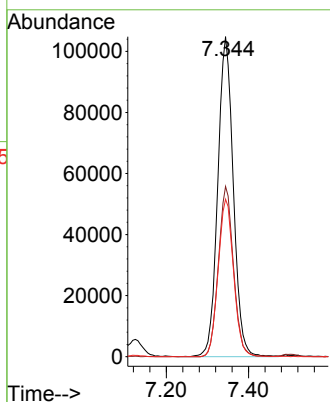
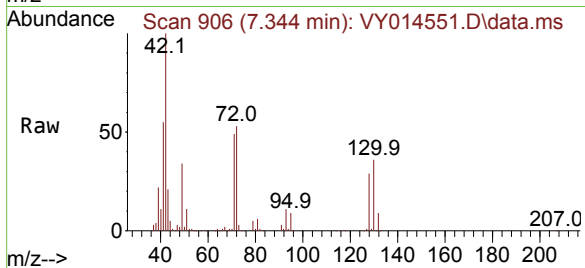
Tgt Ion: 42 Resp: 274855

Ion Ratio Lower Upper

42 100

72 51.6 32.8 49.2#

71 48.9 31.0 46.4#



#30

Chloroform

Concen: 47.203 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY014551.D

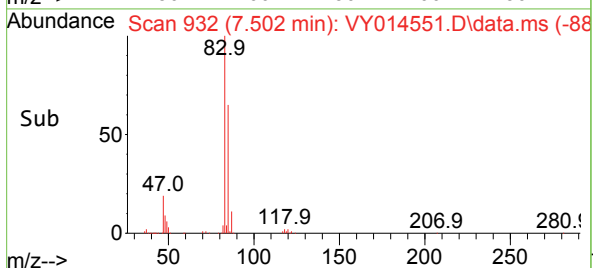
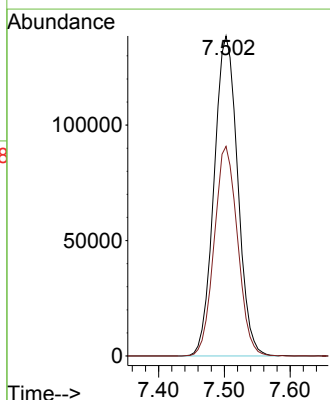
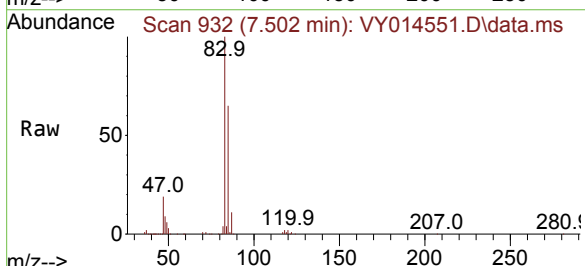
Acq: 03 Jul 2023 21:28

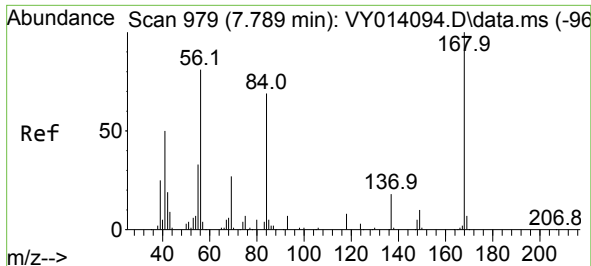
Tgt Ion: 83 Resp: 346309

Ion Ratio Lower Upper

83 100

85 65.5 49.7 74.5

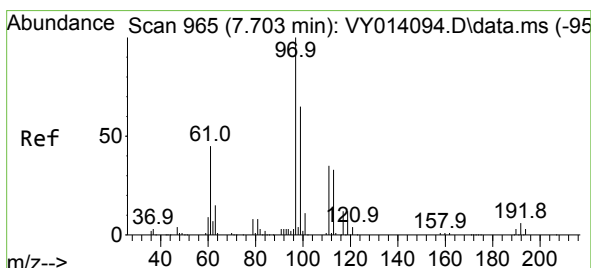
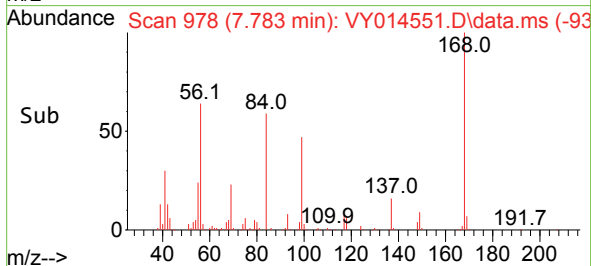
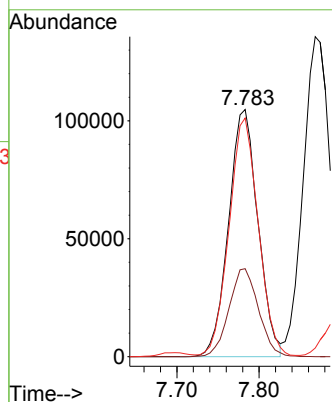
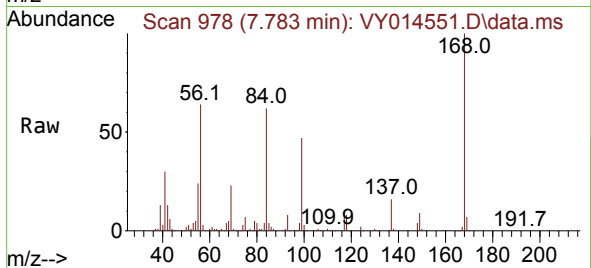




#31
Cyclohexane
Concen: 43.402 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

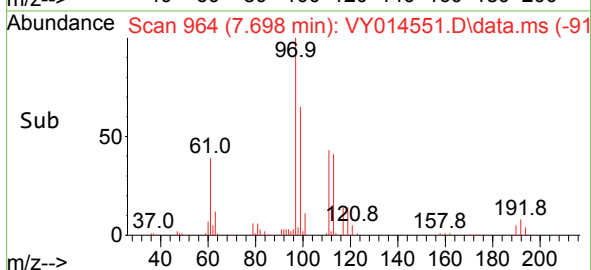
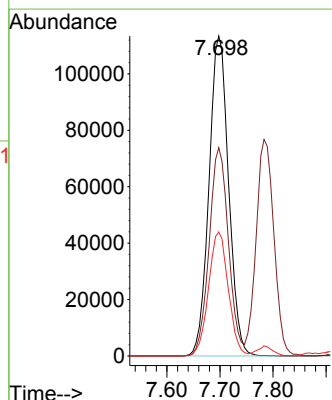
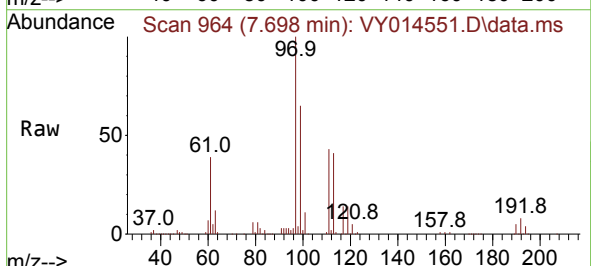
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

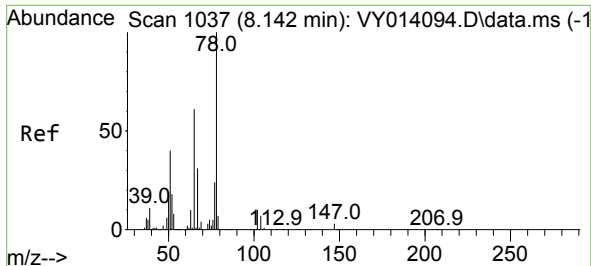
Tgt Ion: 56 Resp: 260509
Ion Ratio Lower Upper
56 100
69 35.6 27.8 41.6
84 95.1 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 46.427 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.005 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

Tgt Ion: 97 Resp: 291148
Ion Ratio Lower Upper
97 100
99 64.4 50.8 76.2
61 39.0 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 49.314 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.005 min

Lab File: VY014551.D

Acq: 03 Jul 2023 21:28

Instrument :

MSVOA_Y

ClientSampleId :

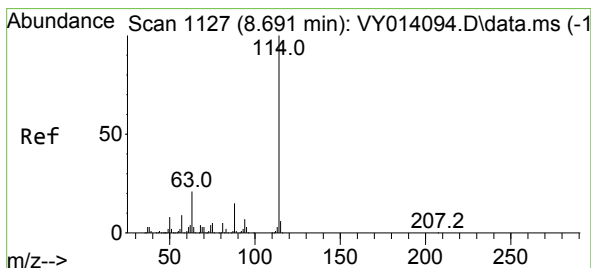
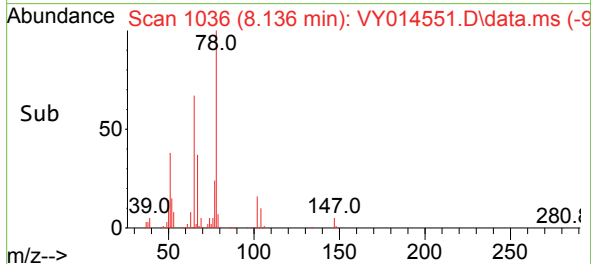
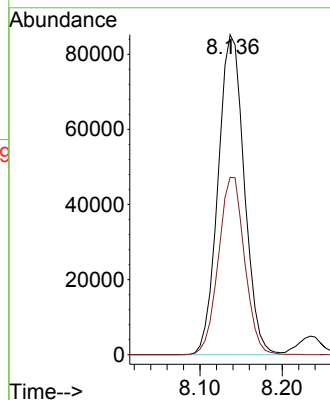
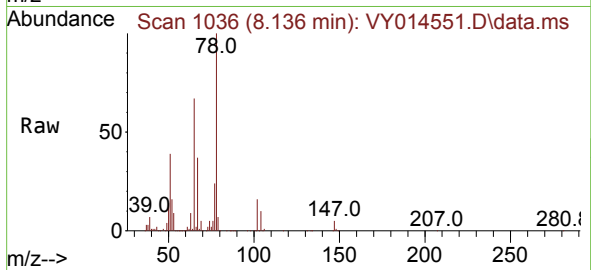
VSTDCCC050EC

Tgt Ion: 65 Resp: 188666

Ion Ratio Lower Upper

65 100

67 55.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014551.D

Acq: 03 Jul 2023 21:28

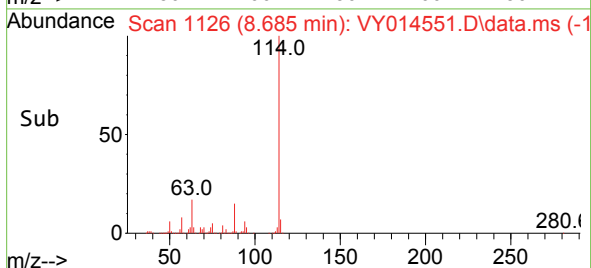
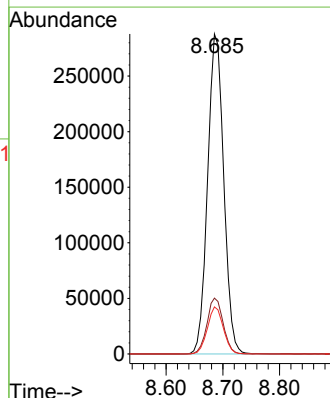
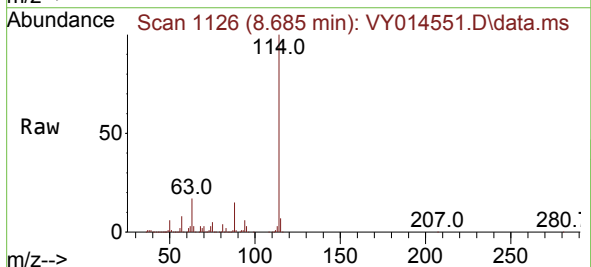
Tgt Ion: 114 Resp: 568449

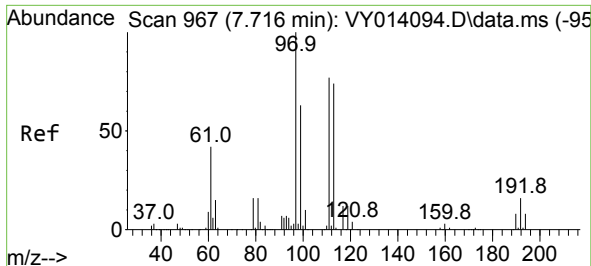
Ion Ratio Lower Upper

114 100

63 17.5 0.0 42.4

88 14.7 0.0 30.6

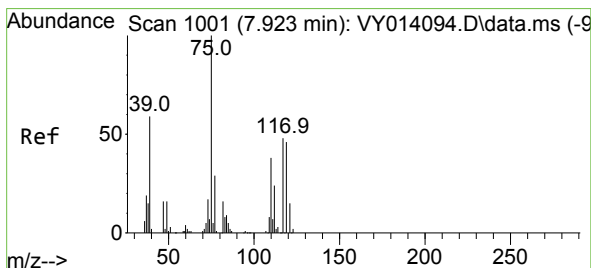
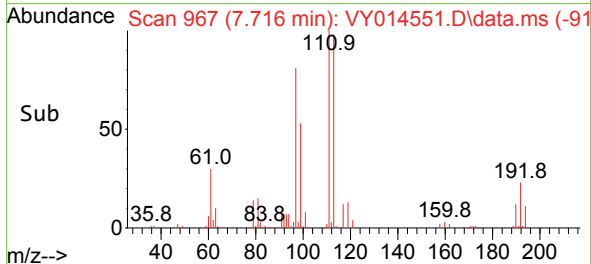
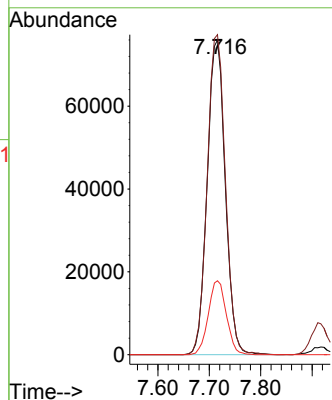
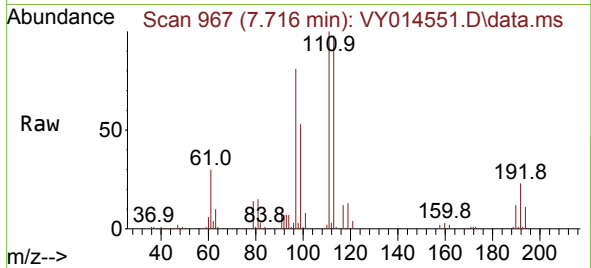




#35
Dibromofluoromethane
Concen: 53.091 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

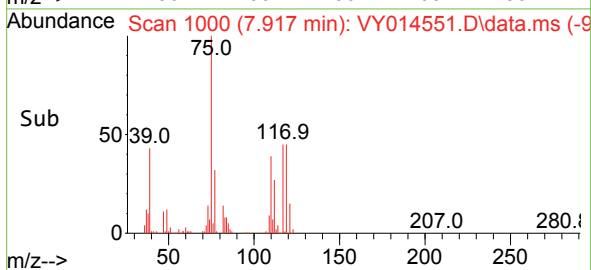
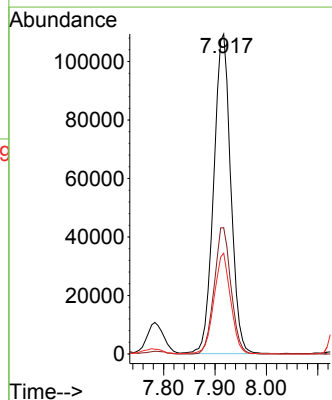
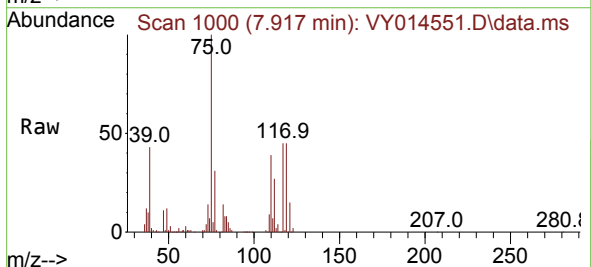
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

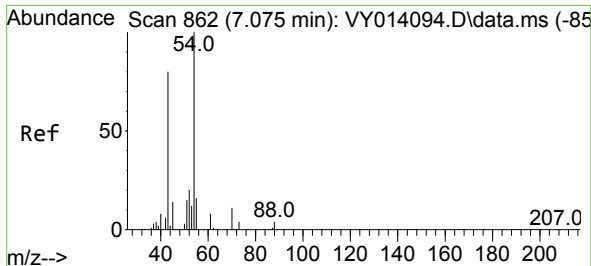
Tgt Ion:113 Resp: 185848
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 23.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 46.934 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

Tgt Ion: 75 Resp: 251603
Ion Ratio Lower Upper
75 100
110 38.9 17.8 53.5
77 30.8 24.4 36.6

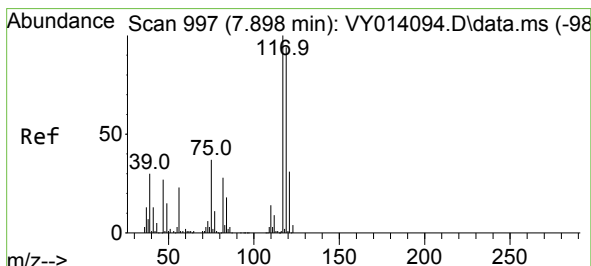
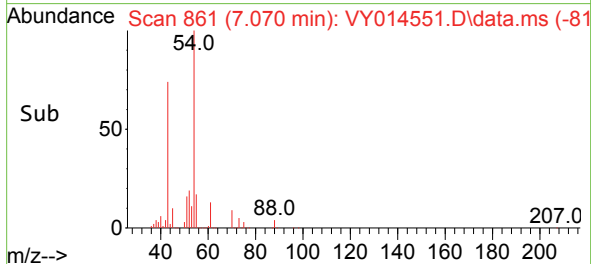
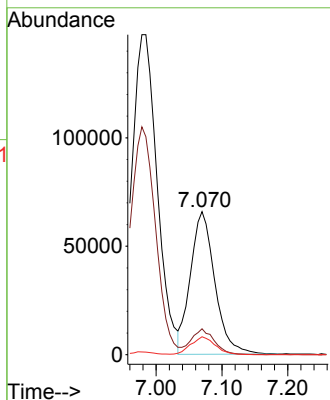
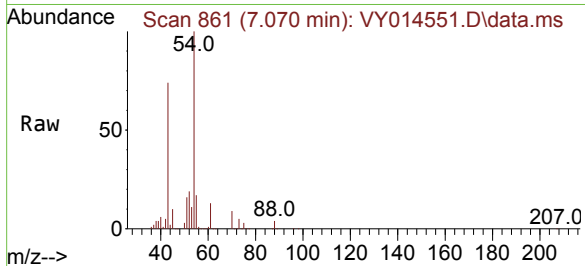




#37
Ethyl Acetate
Concen: 46.255 ug/l
RT: 7.070 min Scan# 862
Delta R.T. -0.005 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

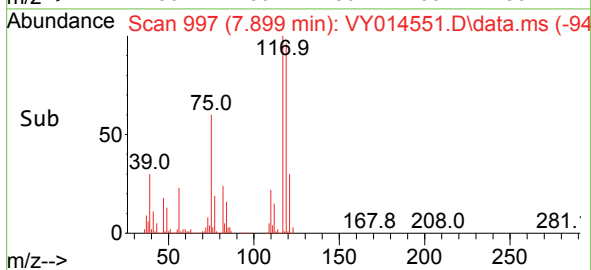
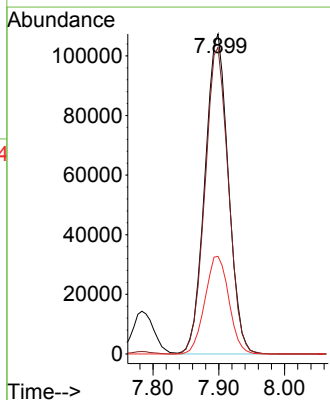
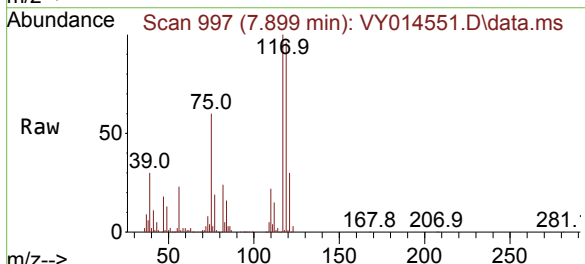
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

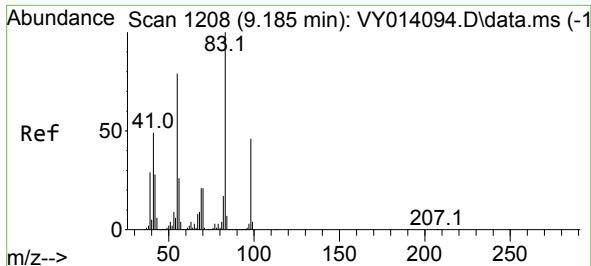
Tgt Ion: 43 Resp: 170052
Ion Ratio Lower Upper
43 100
61 16.9 10.1 15.1#
70 12.5 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 47.507 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.001 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

Tgt Ion: 117 Resp: 265856
Ion Ratio Lower Upper
117 100
119 95.8 76.4 114.6
121 30.5 25.8 38.6





#39

Methylcyclohexane

Concen: 48.594 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014551.D

Acq: 03 Jul 2023 21:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

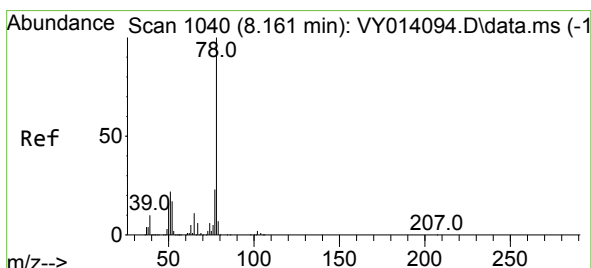
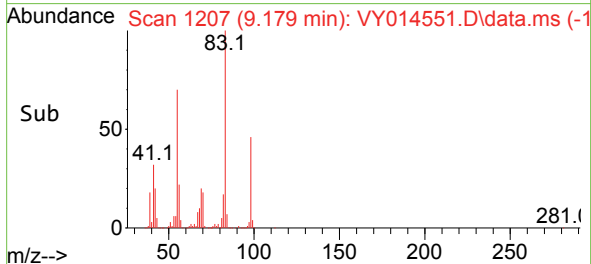
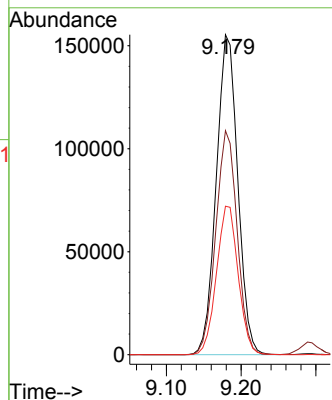
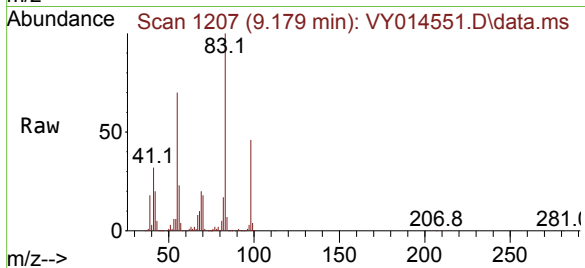
Tgt Ion: 83 Resp: 311373

Ion Ratio Lower Upper

83 100

55 70.0 63.0 94.4

98 46.4 37.4 56.2



#40

Benzene

Concen: 47.399 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY014551.D

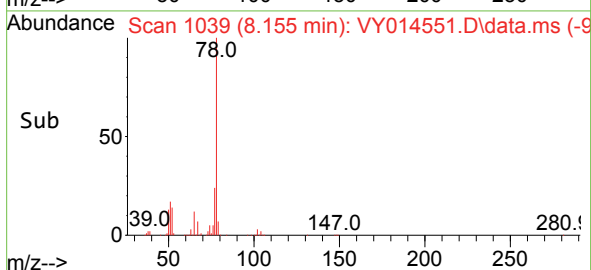
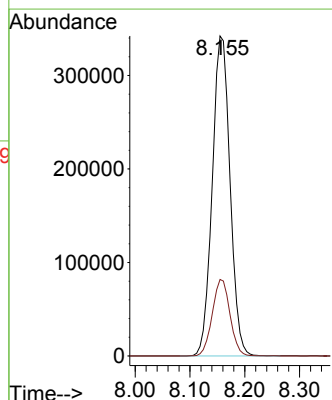
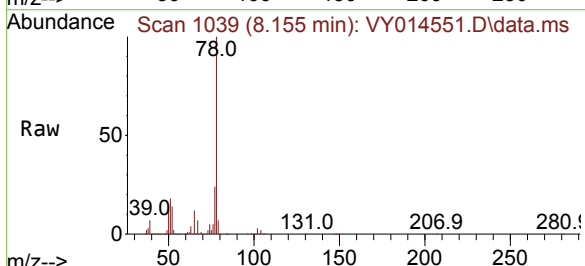
Acq: 03 Jul 2023 21:28

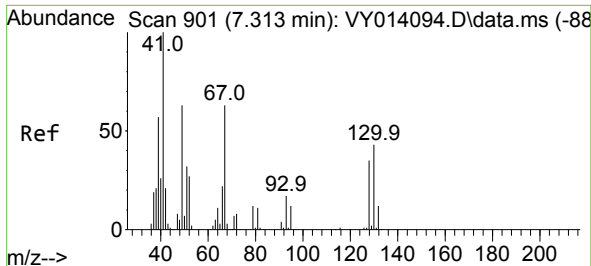
Tgt Ion: 78 Resp: 769146

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.6

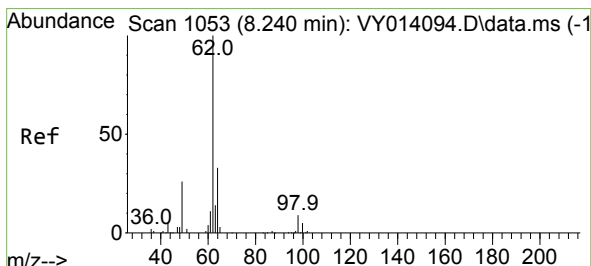
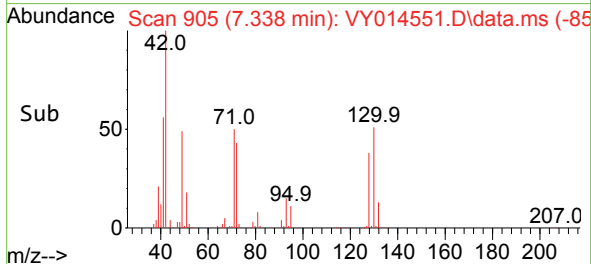
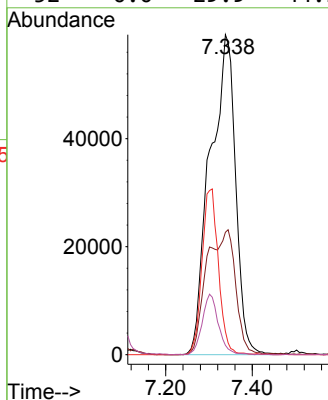
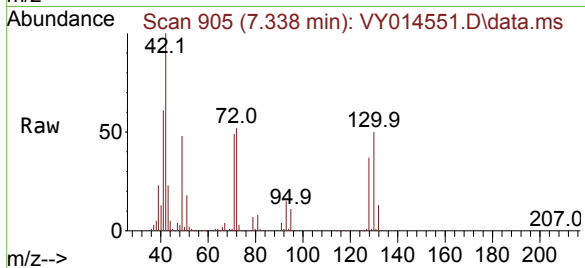




#41
Methacrylonitrile
Concen: 134.722 ug/l
RT: 7.338 min Scan# 901
Delta R.T. 0.025 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

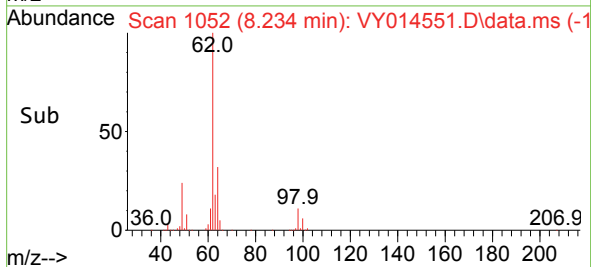
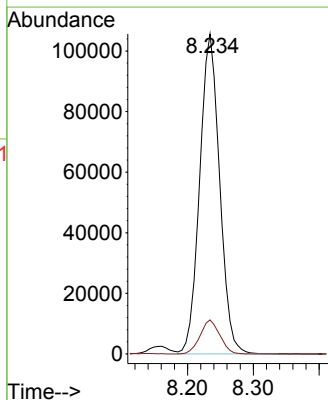
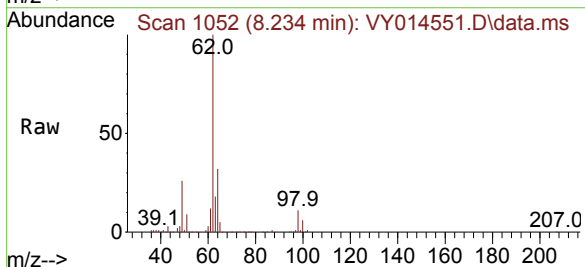
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

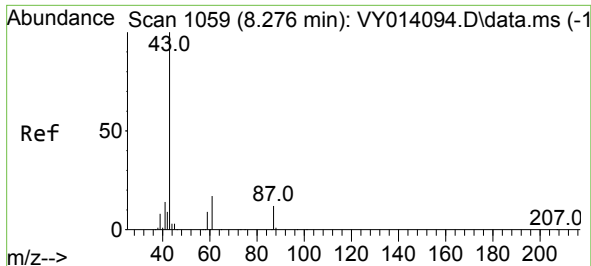
Tgt Ion: 41 Resp: 241968
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 46.663 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

Tgt Ion: 62 Resp: 222563
Ion Ratio Lower Upper
62 100
98 10.5 0.0 15.8

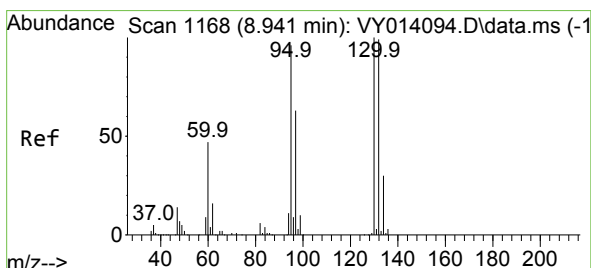
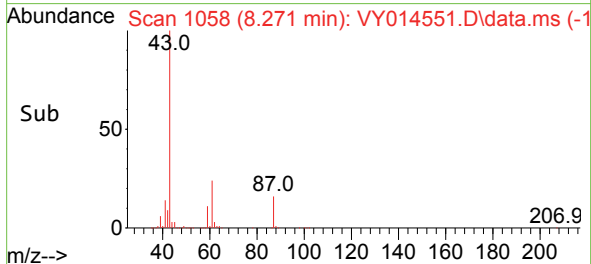
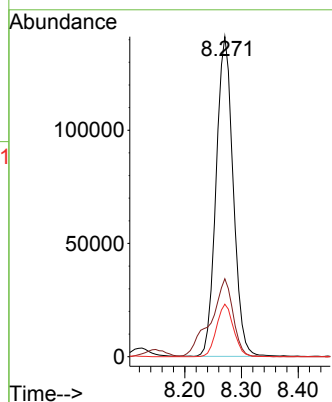
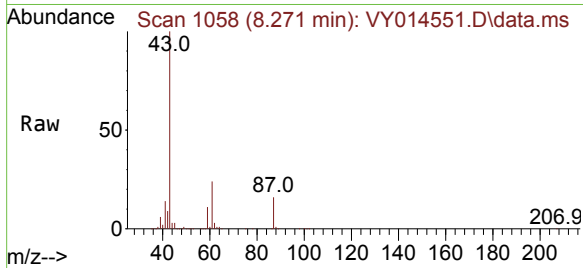




#43
Isopropyl Acetate
Concen: 47.352 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.005 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

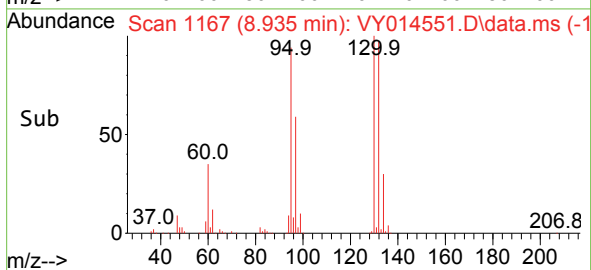
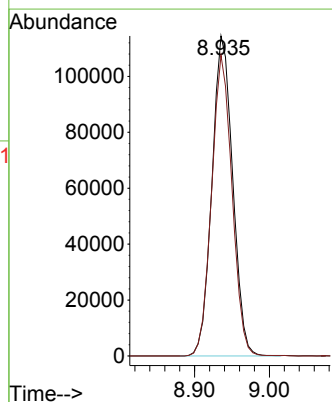
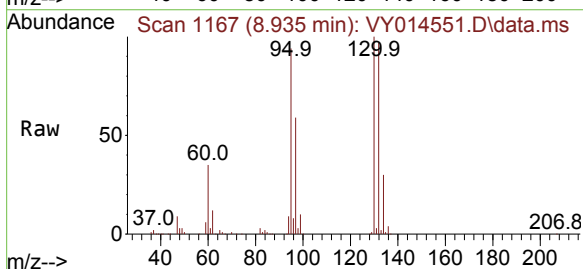
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

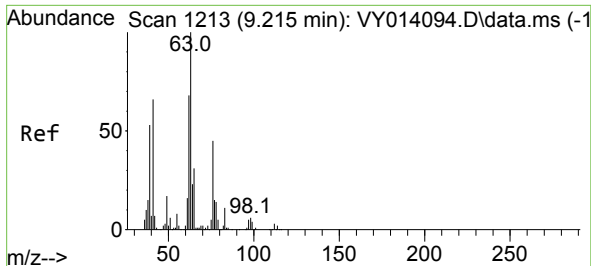
Tgt Ion: 43 Resp: 295016
Ion Ratio Lower Upper
43 100
61 32.1 21.1 31.7#
87 16.5 9.8 14.8#



#44
Trichloroethene
Concen: 48.764 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

Tgt Ion:130 Resp: 220606
Ion Ratio Lower Upper
130 100
95 93.9 0.0 196.0





#45

1,2-Dichloropropane

Concen: 46.677 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY014551.D

Acq: 03 Jul 2023 21:28

Instrument :

MSVOA_Y

ClientSampleId :

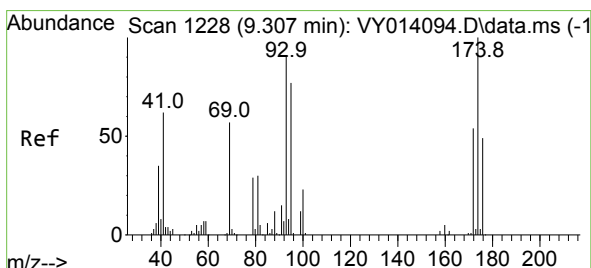
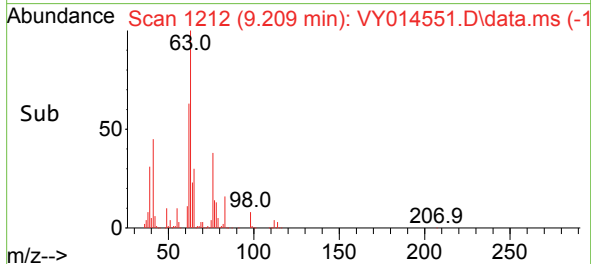
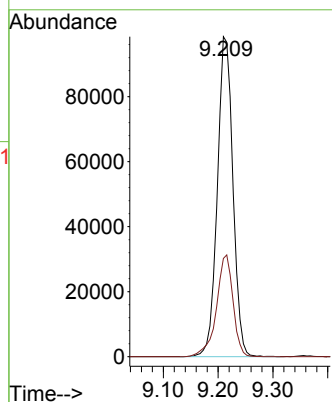
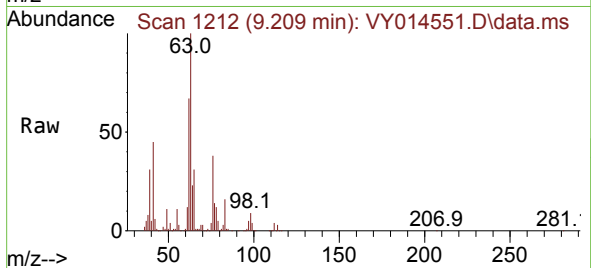
VSTDCCC050EC

Tgt Ion: 63 Resp: 194308

Ion Ratio Lower Upper

63 100

65 30.7 23.8 35.6



#46

Dibromomethane

Concen: 48.898 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY014551.D

Acq: 03 Jul 2023 21:28

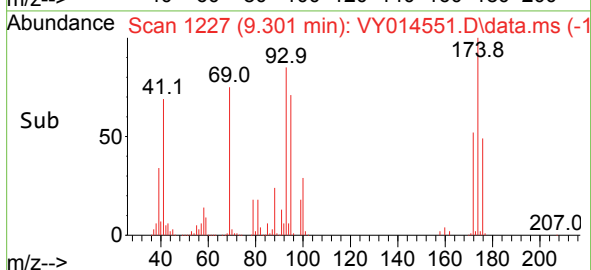
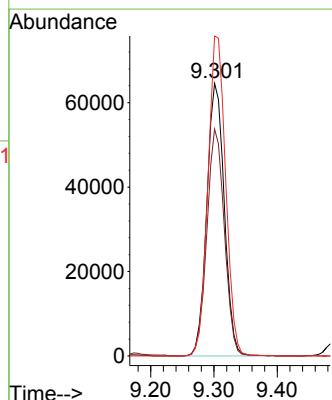
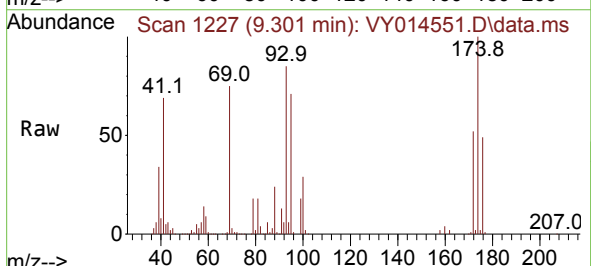
Tgt Ion: 93 Resp: 123921

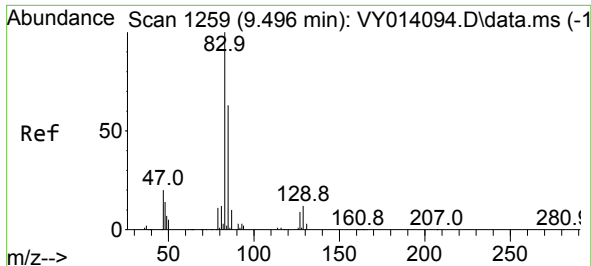
Ion Ratio Lower Upper

93 100

95 83.5 66.6 100.0

174 119.2 84.8 127.2

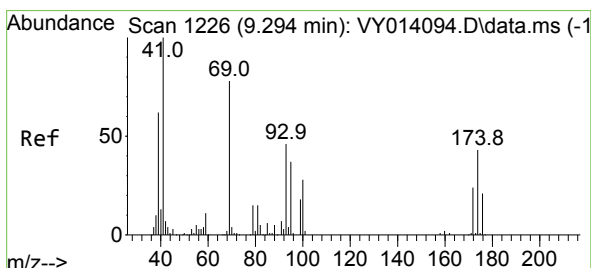
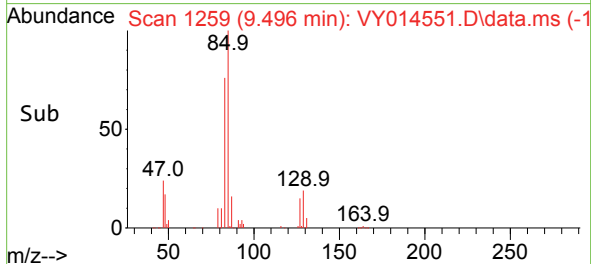
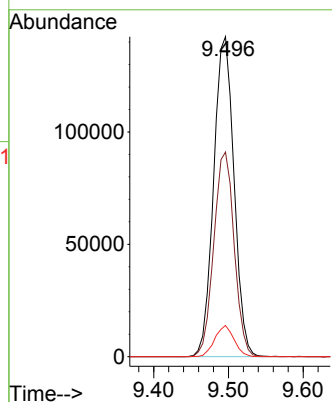
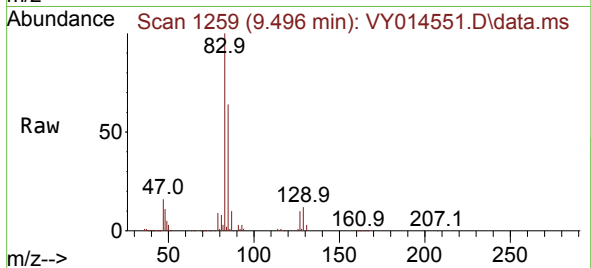




#47
Bromodichloromethane
Concen: 48.326 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

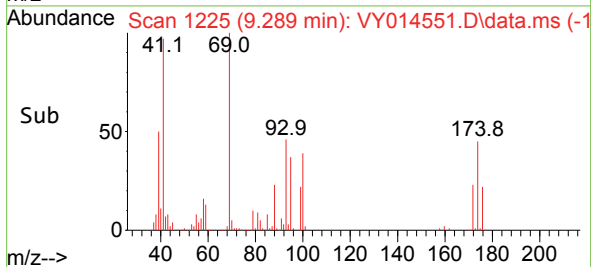
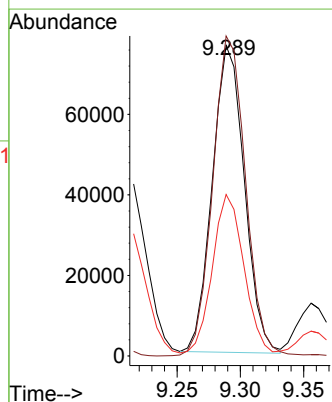
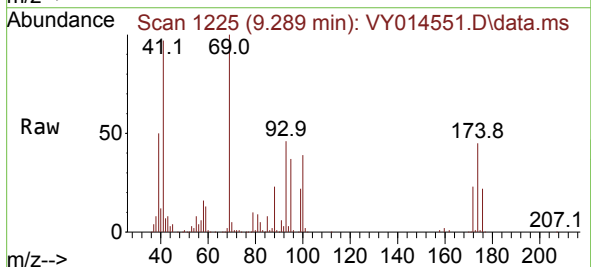
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

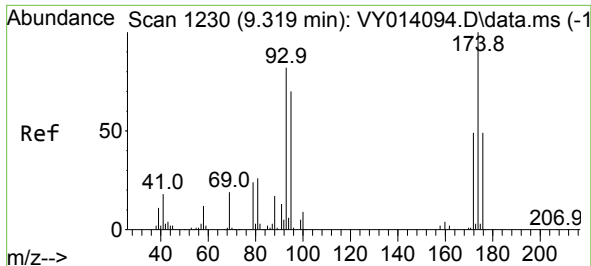
Tgt Ion: 83 Resp: 269848
Ion Ratio Lower Upper
83 100
85 64.0 50.1 75.1
127 9.7 7.1 10.7



#48
Methyl methacrylate
Concen: 47.477 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.005 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

Tgt Ion: 41 Resp: 134512
Ion Ratio Lower Upper
41 100
69 106.7 64.5 96.7#
39 50.4 50.8 76.2#

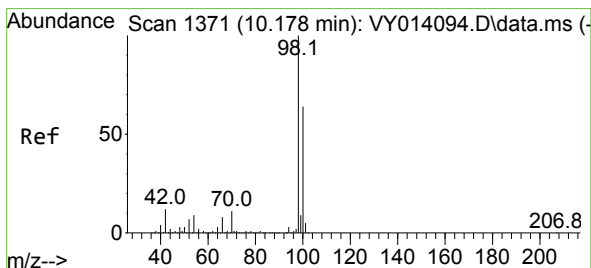
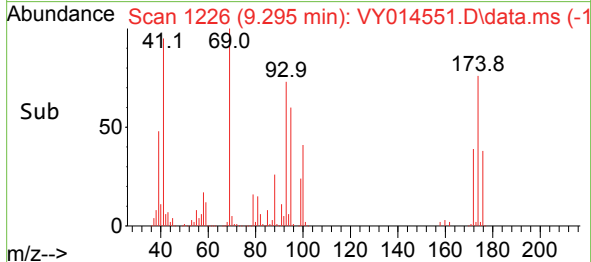
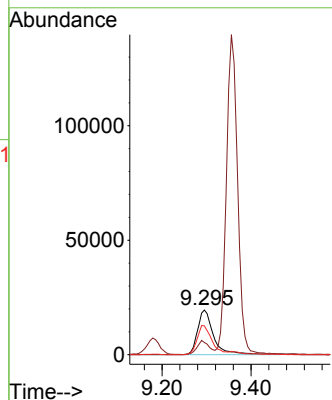
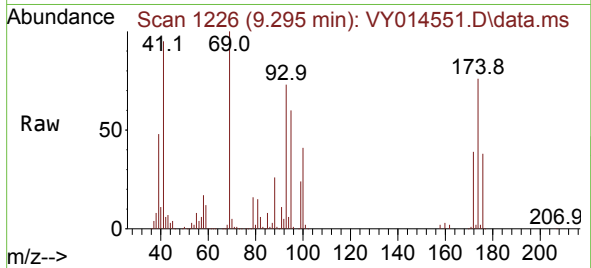




#49
1,4-Dioxane
Concen: 1080.937 ug/l
RT: 9.295 min Scan# 11
Delta R.T. -0.024 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

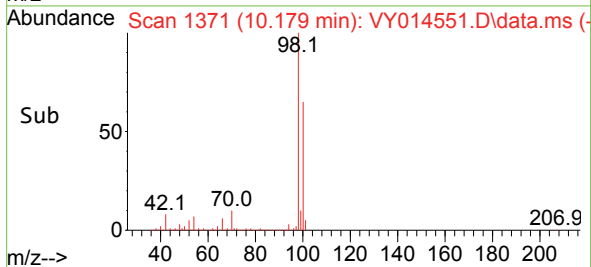
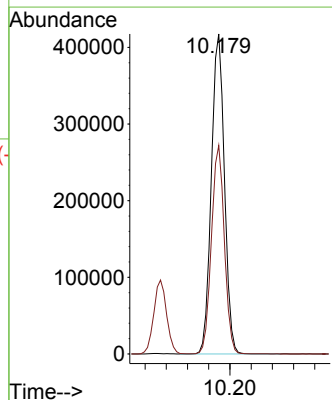
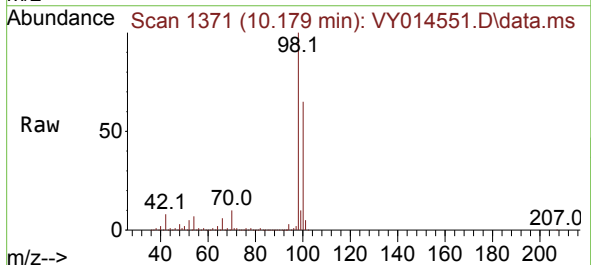
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

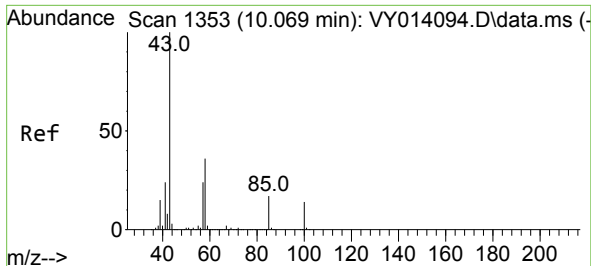
Tgt Ion: 88 Resp: 48917
Ion Ratio Lower Upper
88 100
43 23.9 0.0 0.0#
58 60.3 30.9 46.3#



#50
Toluene-d8
Concen: 51.586 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

Tgt Ion: 98 Resp: 713856
Ion Ratio Lower Upper
98 100
100 64.3 50.1 75.1

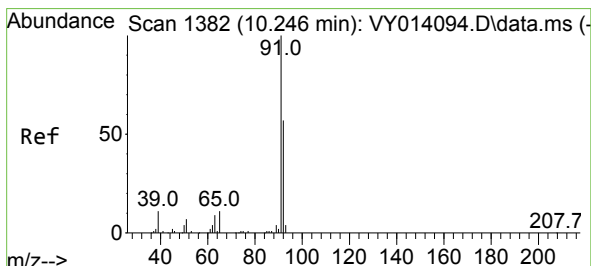
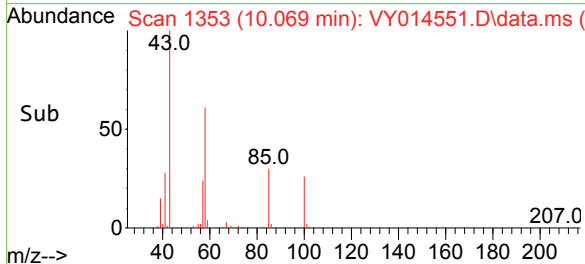
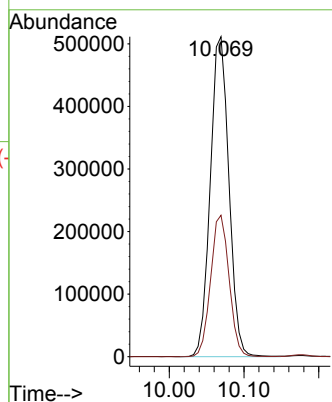
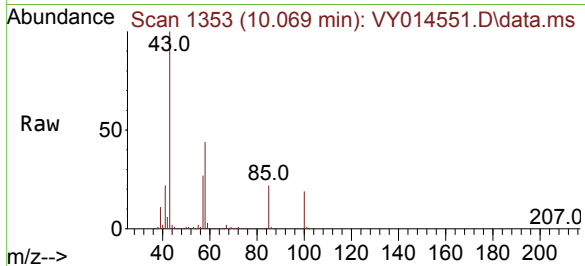




#51
4-Methyl-2-Pentanone
Concen: 240.045 ug/l
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

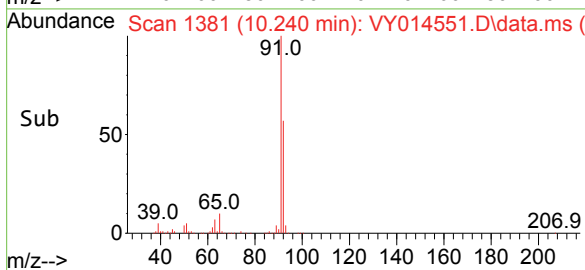
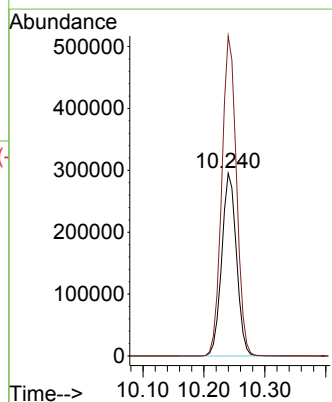
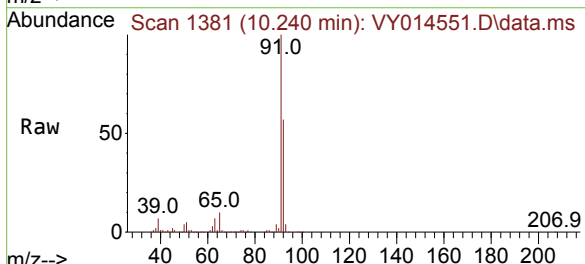
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

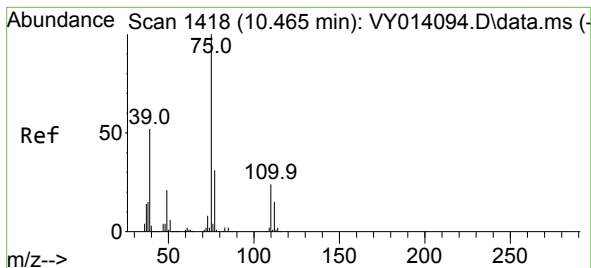
Tgt Ion: 43 Resp: 885399
Ion Ratio Lower Upper
43 100
58 43.8 29.0 43.6#



#52
Toluene
Concen: 48.553 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

Tgt Ion: 92 Resp: 495807
Ion Ratio Lower Upper
92 100
91 175.1 143.8 215.6

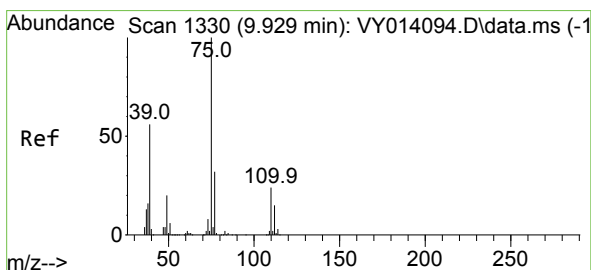
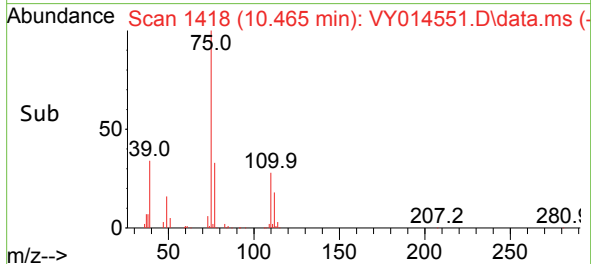
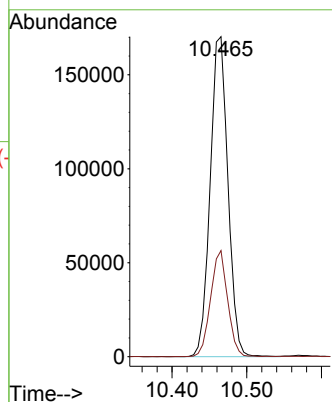
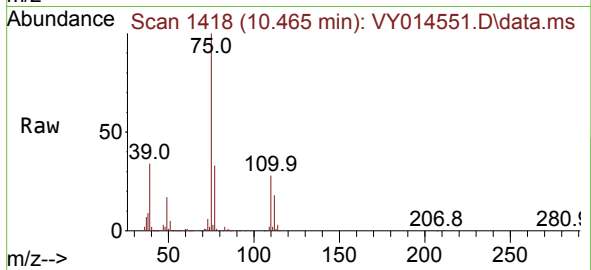




#53
t-1,3-Dichloropropene
Concen: 47.151 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

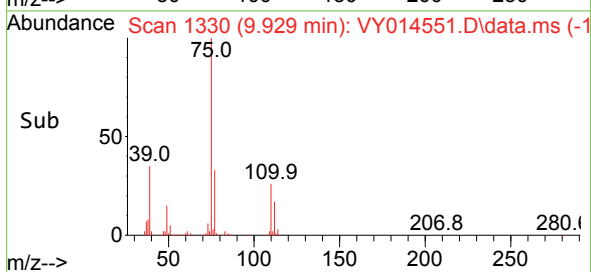
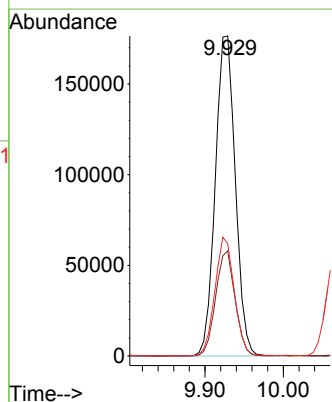
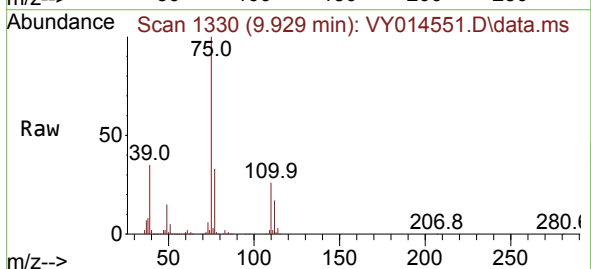
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

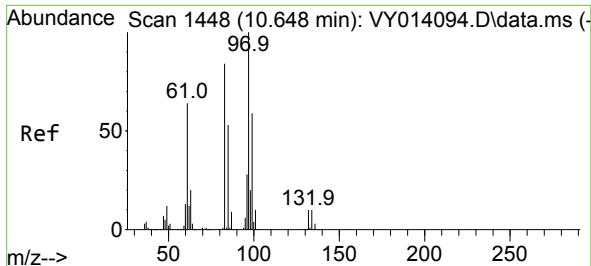
Tgt Ion: 75 Resp: 281548
Ion Ratio Lower Upper
75 100
77 33.1 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 47.066 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

Tgt Ion: 75 Resp: 313568
Ion Ratio Lower Upper
75 100
77 32.9 24.2 36.4
39 35.0 42.2 63.4#

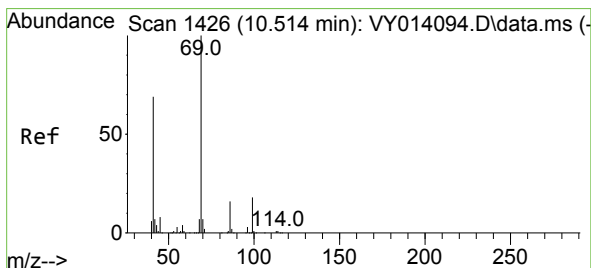
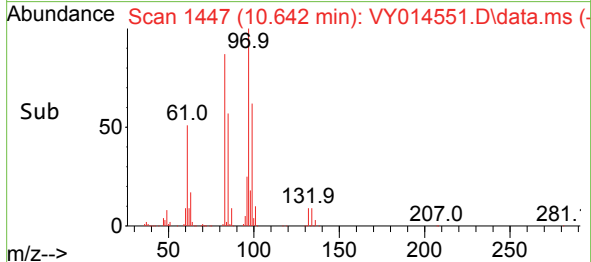
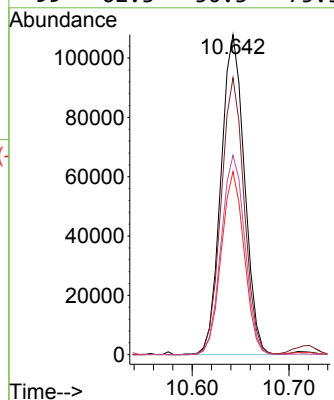
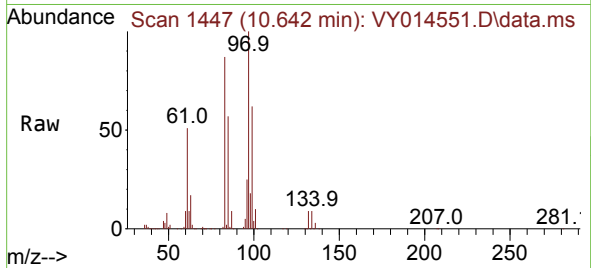




#55
1,1,2-Trichloroethane
Concen: 49.295 ug/l
RT: 10.642 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

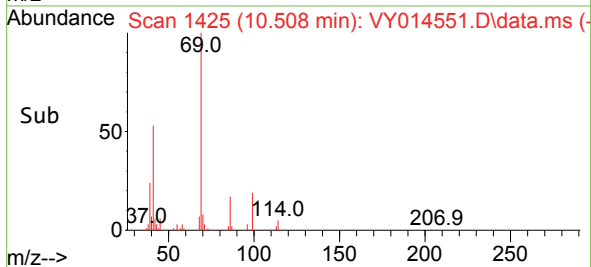
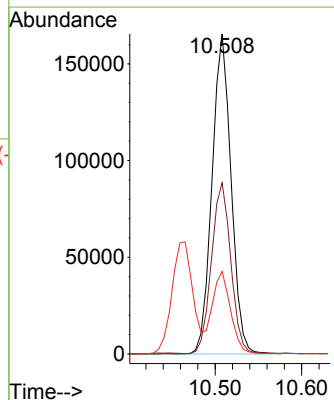
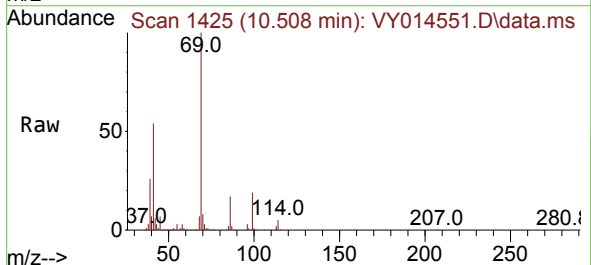
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

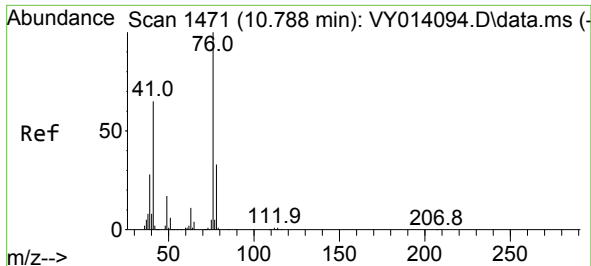
Tgt Ion: 97 Resp: 181780
Ion Ratio Lower Upper
97 100
83 86.5 72.0 108.0
85 57.2 45.4 68.0
99 62.3 50.3 75.5



#56
Ethyl methacrylate
Concen: 50.422 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

Tgt Ion: 69 Resp: 252929
Ion Ratio Lower Upper
69 100
41 54.1 57.6 86.4#
39 25.4 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 48.170 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014551.D

Acq: 03 Jul 2023 21:28

Instrument :

MSVOA_Y

ClientSampleId :

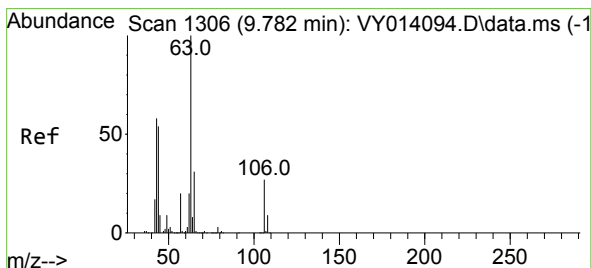
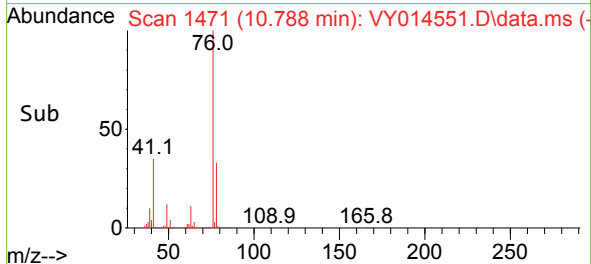
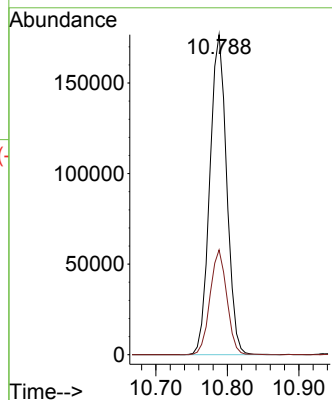
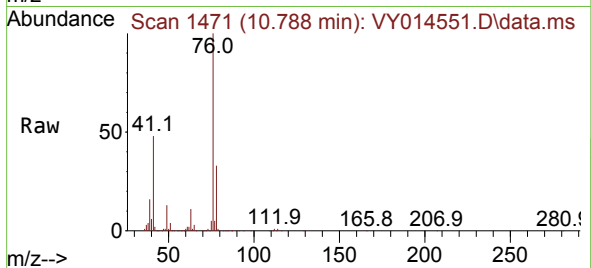
VSTDCCC050EC

Tgt Ion: 76 Resp: 289427

Ion Ratio Lower Upper

76 100

78 32.5 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 252.678 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY014551.D

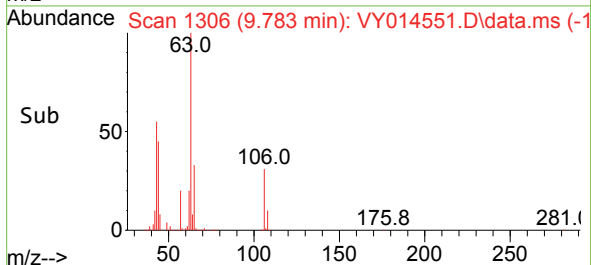
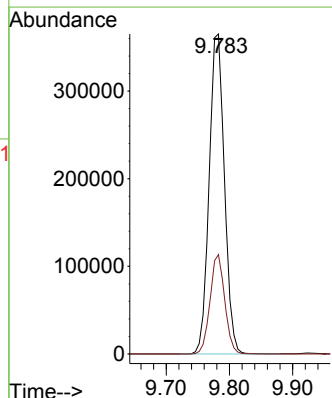
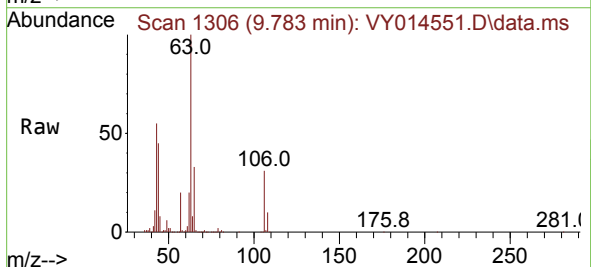
Acq: 03 Jul 2023 21:28

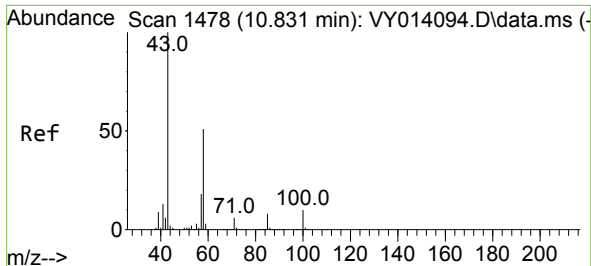
Tgt Ion: 63 Resp: 614044

Ion Ratio Lower Upper

63 100

106 29.8 21.2 31.8

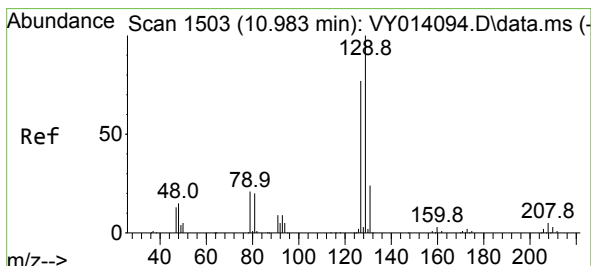
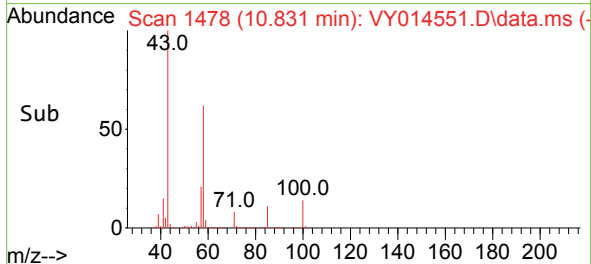
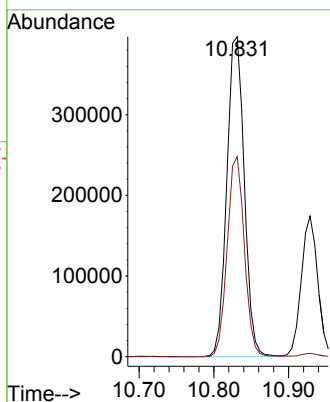
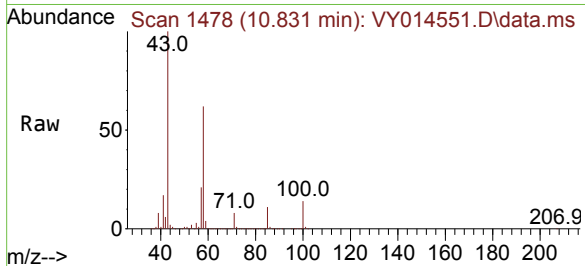




#59
2-Hexanone
Concen: 242.397 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

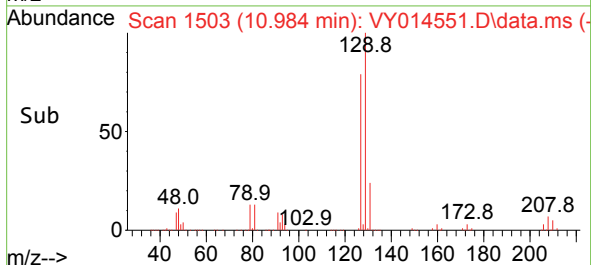
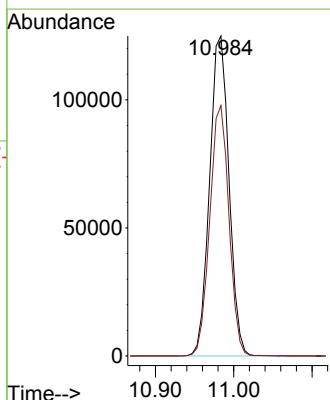
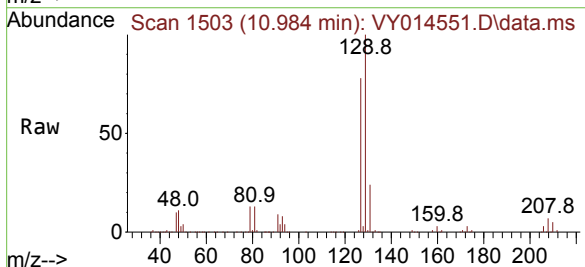
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

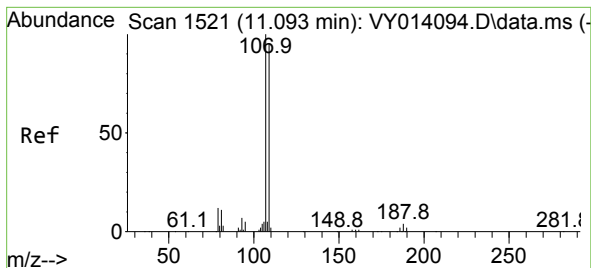
Tgt Ion: 43 Resp: 645845
Ion Ratio Lower Upper
43 100
58 61.4 25.1 75.3



#60
Dibromochloromethane
Concen: 49.645 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

Tgt Ion: 129 Resp: 214516
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5

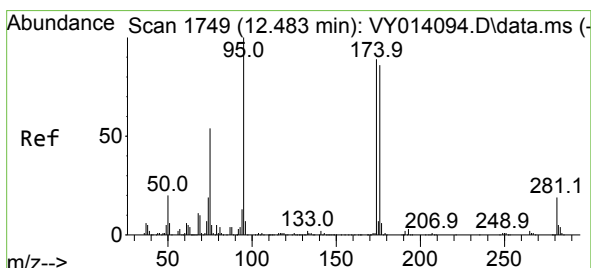
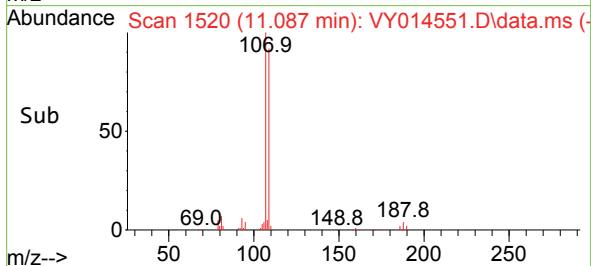
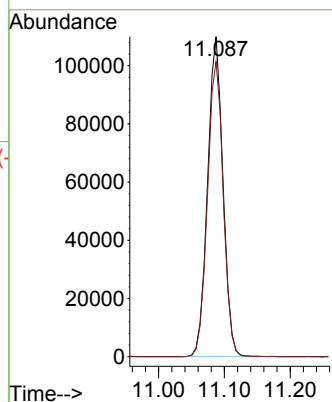
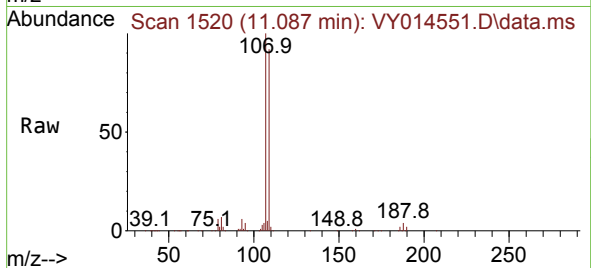




#61
1,2-Dibromoethane
Concen: 49.772 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.006 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

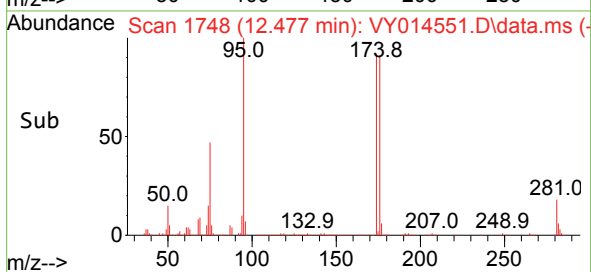
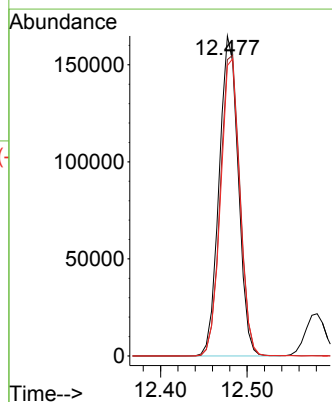
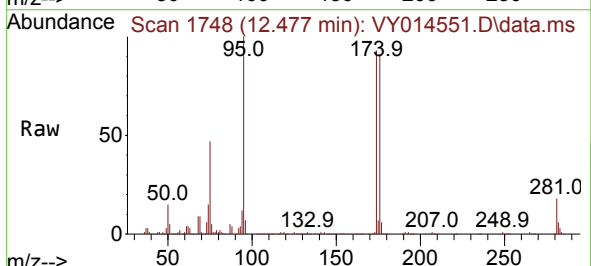
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

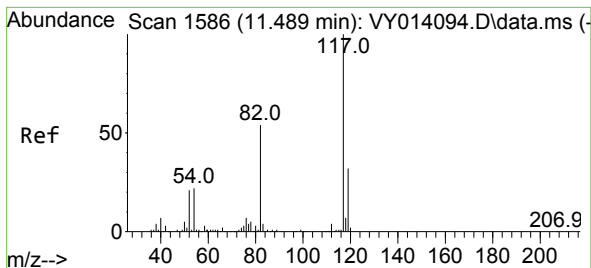
Tgt Ion:107 Resp: 179186
Ion Ratio Lower Upper
107 100
109 94.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.720 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

Tgt Ion: 95 Resp: 253328
Ion Ratio Lower Upper
95 100
174 95.8 0.0 178.2
176 93.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY014551.D

Acq: 03 Jul 2023 21:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

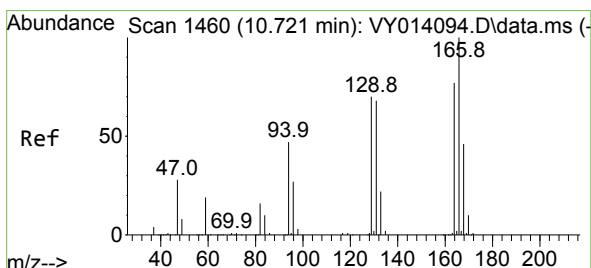
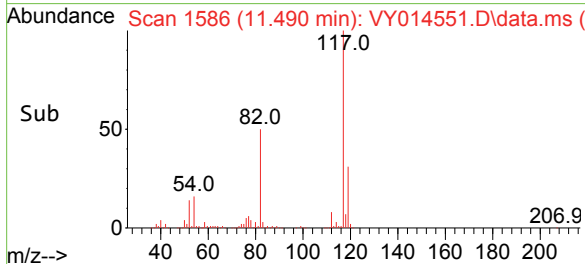
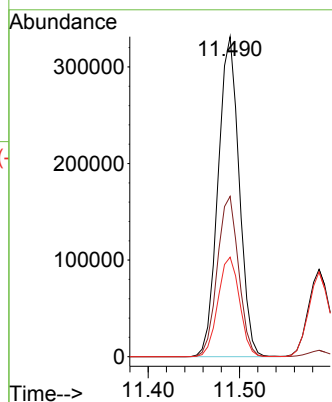
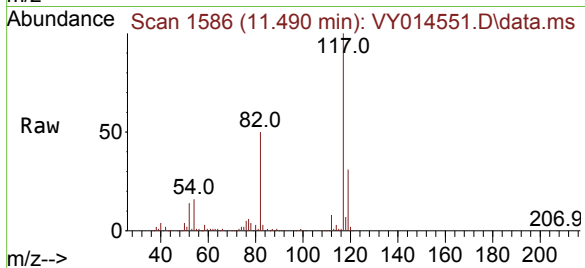
Tgt Ion:117 Resp: 531612

Ion Ratio Lower Upper

117 100

82 50.1 43.4 65.0

119 31.1 26.3 39.5



#64

Tetrachloroethene

Concen: 49.857 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY014551.D

Acq: 03 Jul 2023 21:28

Tgt Ion:164 Resp: 236935

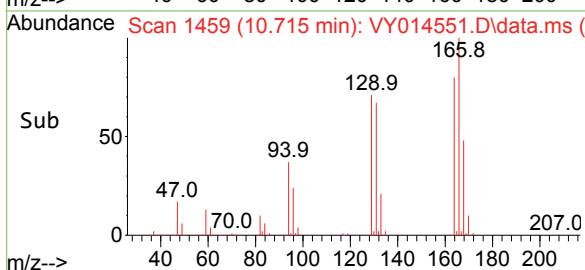
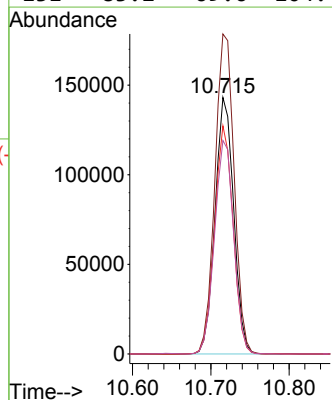
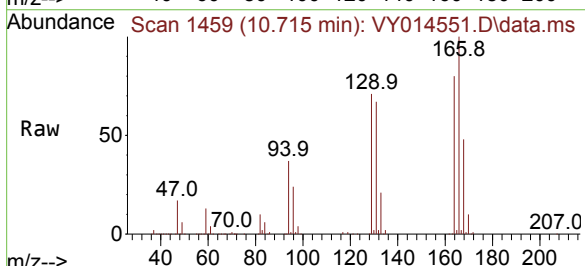
Ion Ratio Lower Upper

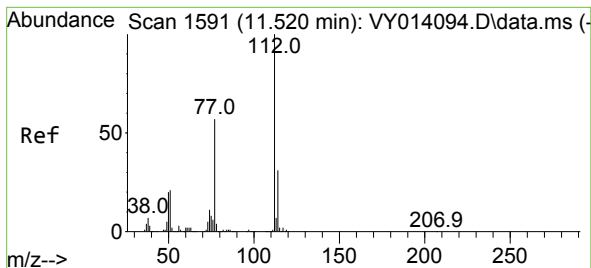
164 100

166 124.8 103.0 154.6

129 89.0 77.2 115.8

131 83.2 69.6 104.4





#65

Chlorobenzene

Concen: 48.495 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY014551.D

Acq: 03 Jul 2023 21:28

Instrument :

MSVOA_Y

ClientSampleId :

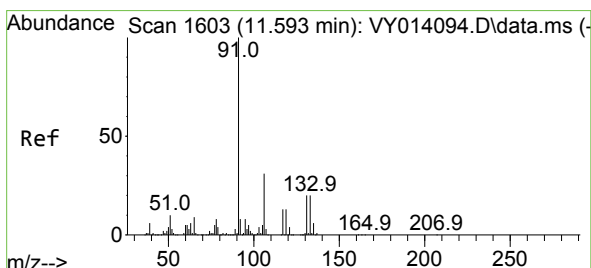
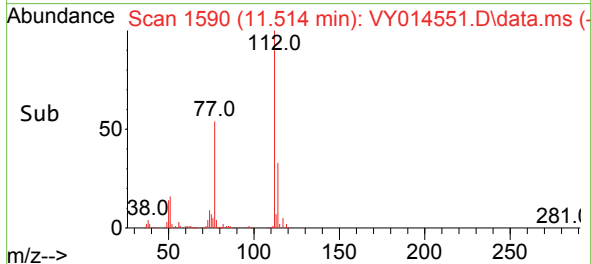
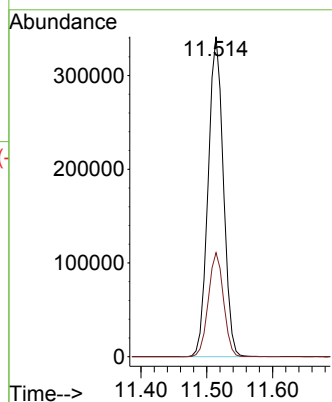
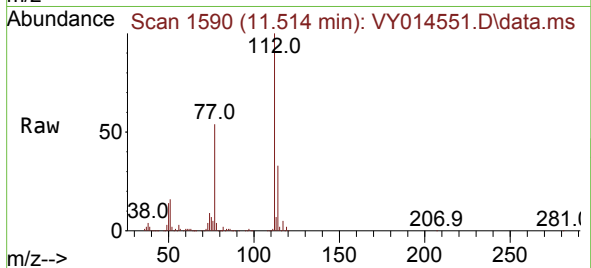
VSTDCCC050EC

Tgt Ion:112 Resp: 549408

Ion Ratio Lower Upper

112 100

114 32.5 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 48.974 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY014551.D

Acq: 03 Jul 2023 21:28

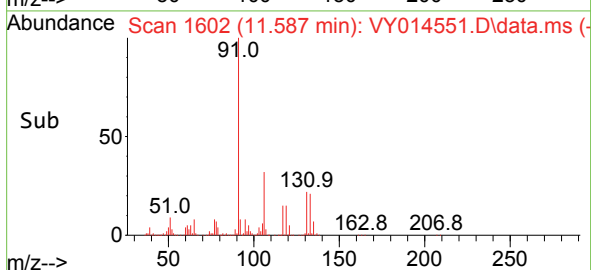
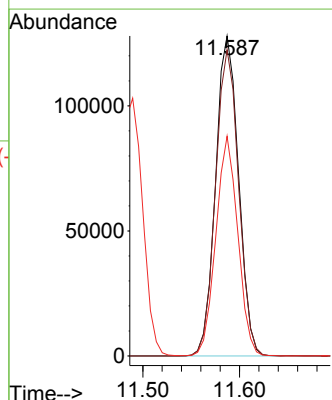
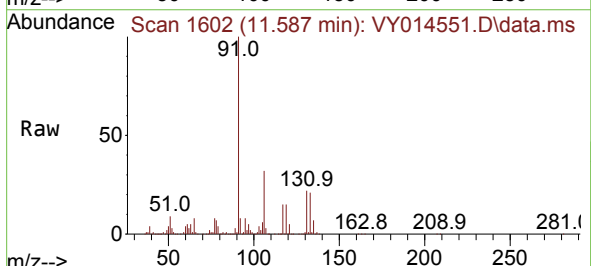
Tgt Ion:131 Resp: 210880

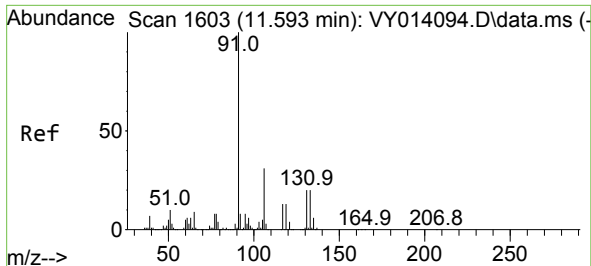
Ion Ratio Lower Upper

131 100

133 96.2 47.5 142.6

119 65.8 31.6 94.7

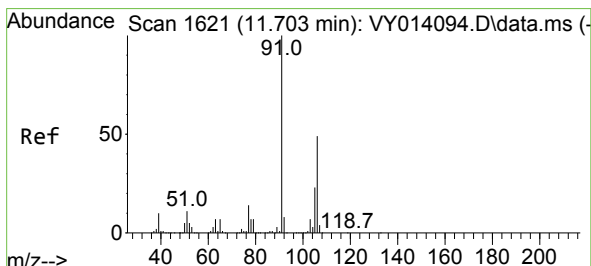
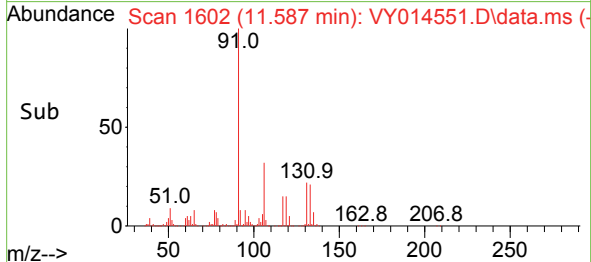
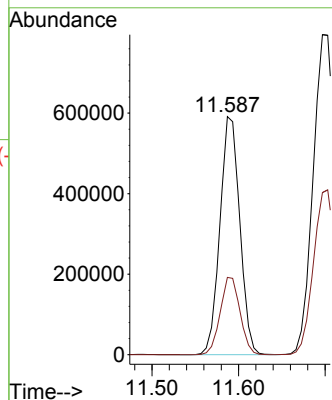
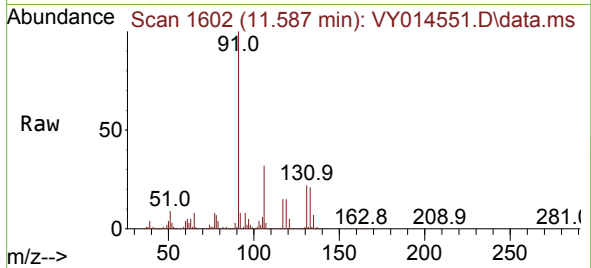




#67
Ethyl Benzene
Concen: 48.766 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

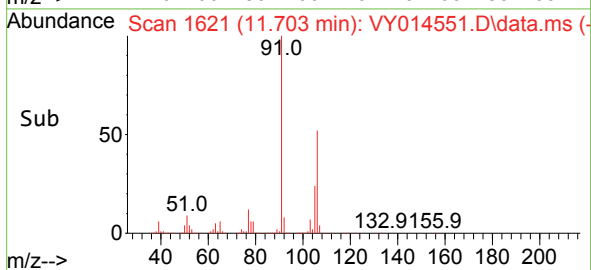
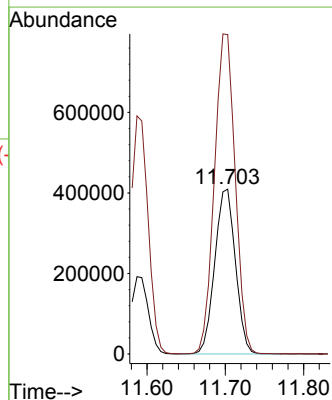
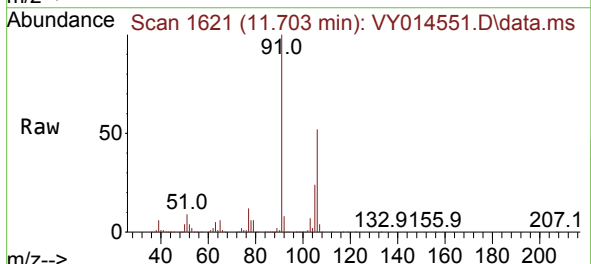
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

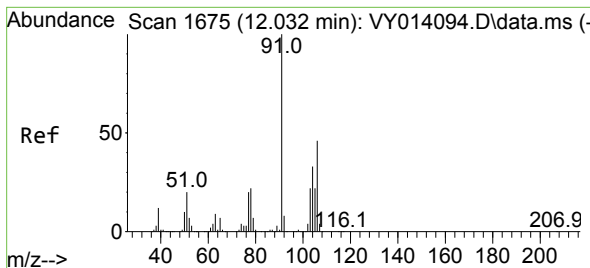
Tgt Ion: 91 Resp: 942146
Ion Ratio Lower Upper
91 100
106 32.5 24.6 36.8



#68
m/p-Xylenes
Concen: 97.849 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

Tgt Ion:106 Resp: 749863
Ion Ratio Lower Upper
106 100
91 195.8 166.1 249.1





#69

o-Xylene

Concen: 49.457 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014551.D

Acq: 03 Jul 2023 21:28

Instrument :

MSVOA_Y

ClientSampleId :

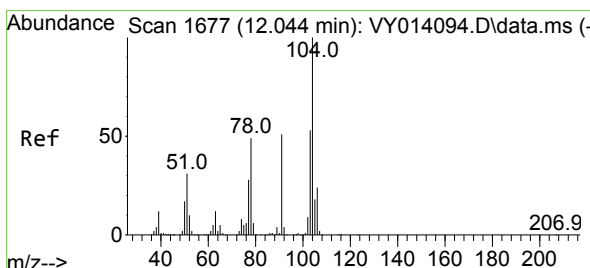
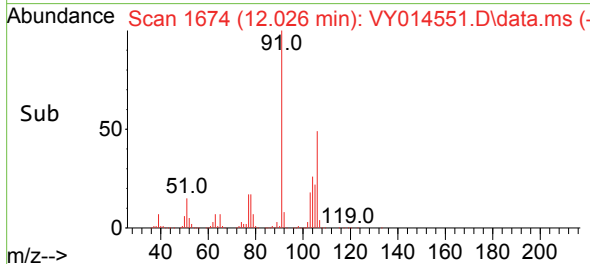
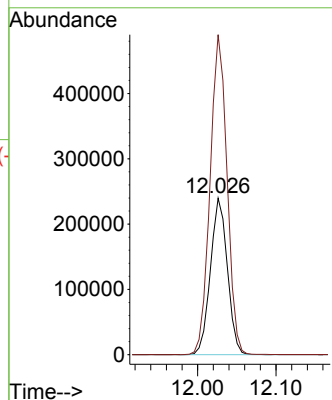
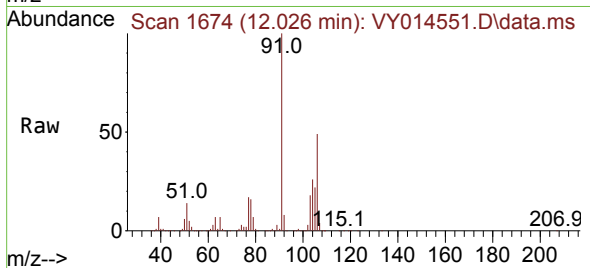
VSTDCCC050EC

Tgt Ion:106 Resp: 359480

Ion Ratio Lower Upper

106 100

91 205.0 108.1 324.3



#70

Styrene

Concen: 50.047 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. -0.006 min

Lab File: VY014551.D

Acq: 03 Jul 2023 21:28

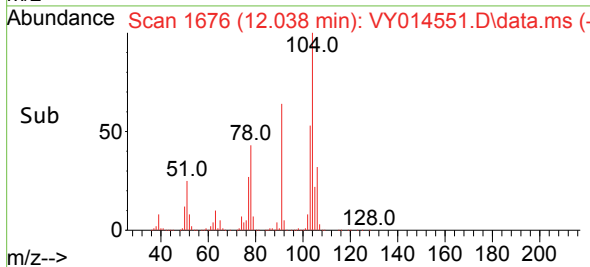
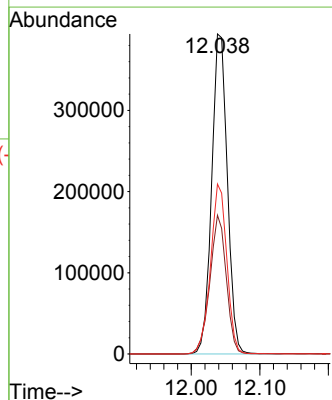
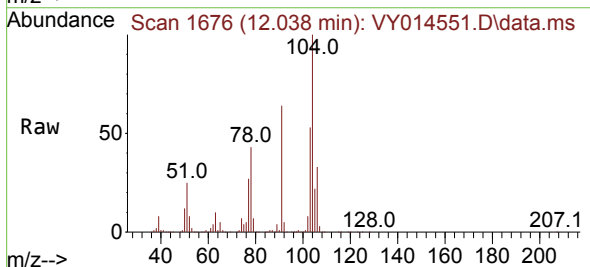
Tgt Ion:104 Resp: 625851

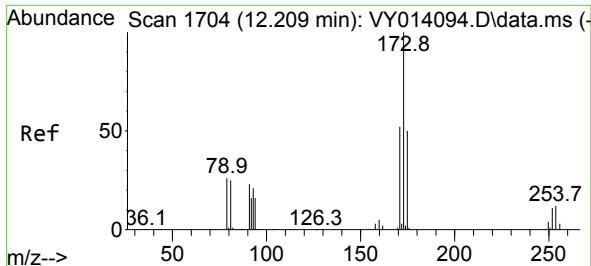
Ion Ratio Lower Upper

104 100

78 45.4 41.5 62.3

103 55.4 44.6 67.0

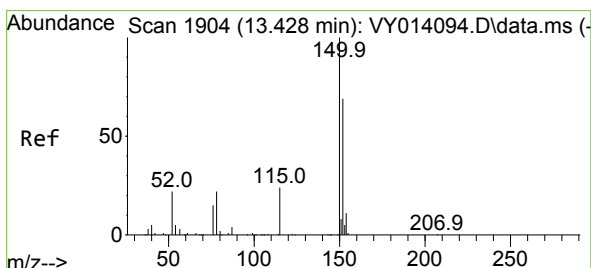
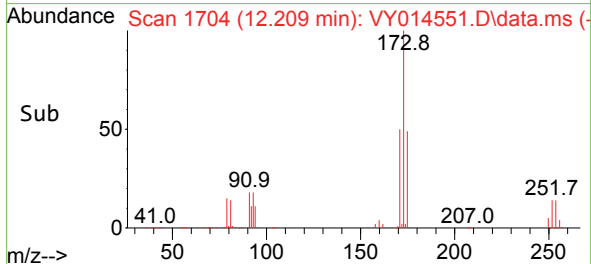
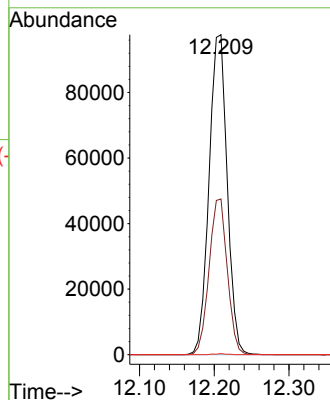
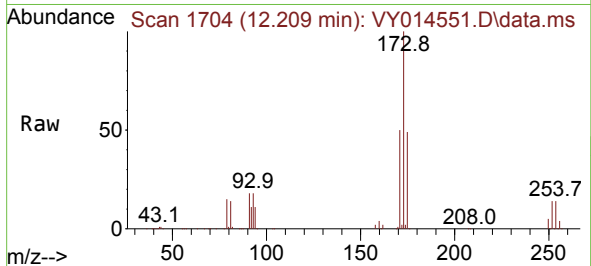




#71
Bromoform
Concen: 50.350 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

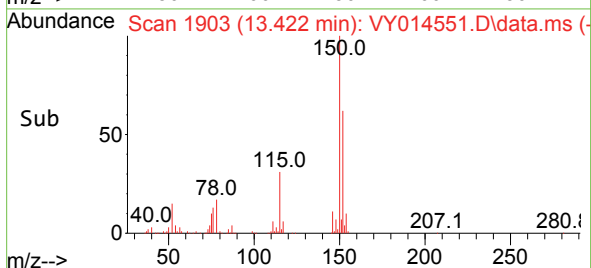
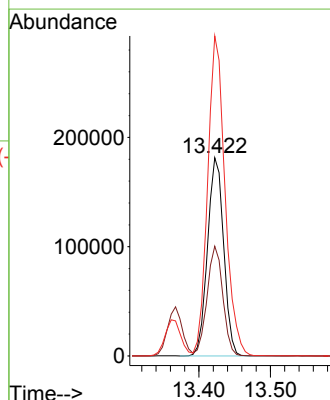
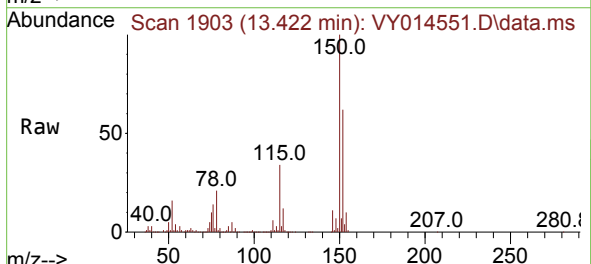
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

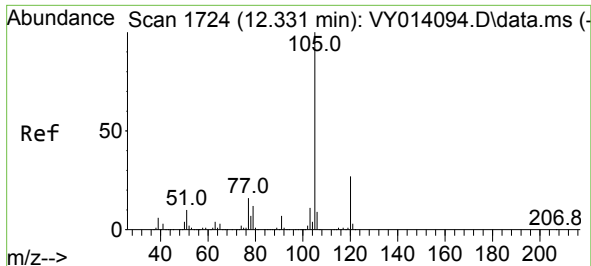
Tgt Ion:173 Resp: 164711
Ion Ratio Lower Upper
173 100
175 48.9 24.6 73.8
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

Tgt Ion:152 Resp: 284555
Ion Ratio Lower Upper
152 100
115 53.9 28.8 86.5
150 173.3 0.0 348.8

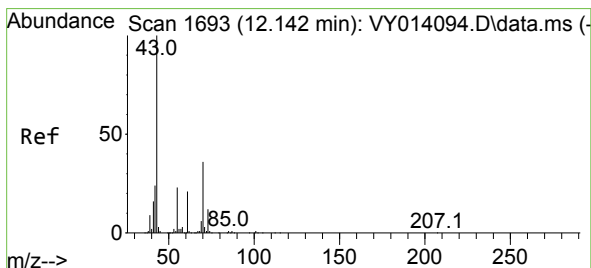
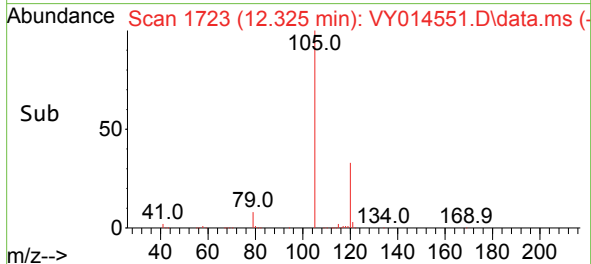
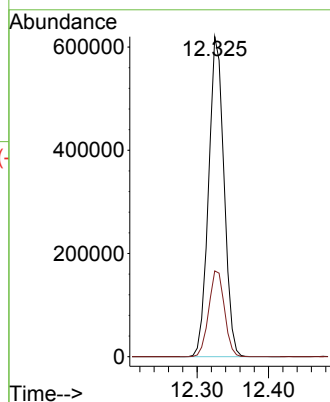
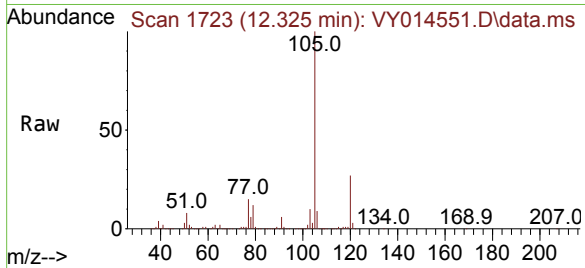




#73
Isopropylbenzene
Concen: 49.687 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

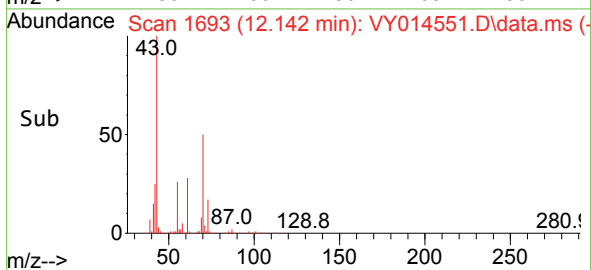
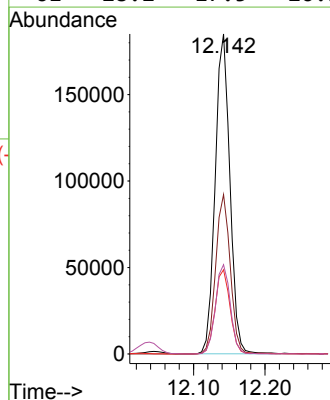
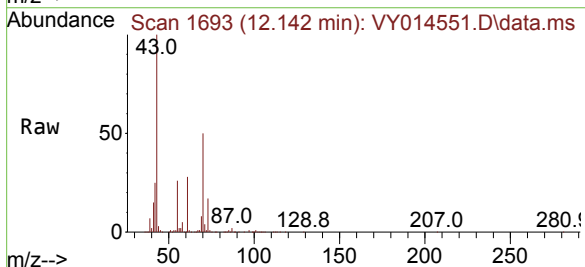
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

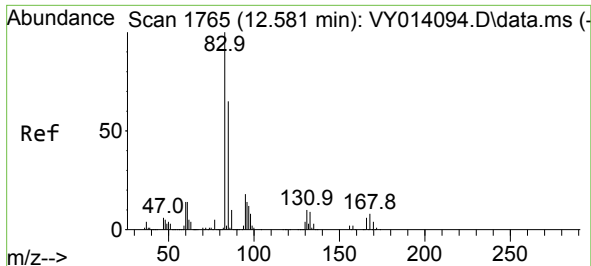
Tgt Ion:105 Resp: 925982
Ion Ratio Lower Upper
105 100
120 27.4 13.3 39.9



#74
N-ethyl acetate
Concen: 46.930 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

Tgt Ion: 43 Resp: 263962
Ion Ratio Lower Upper
43 100
70 49.6 29.7 44.5#
55 27.1 18.3 27.5
61 28.2 17.5 26.3#

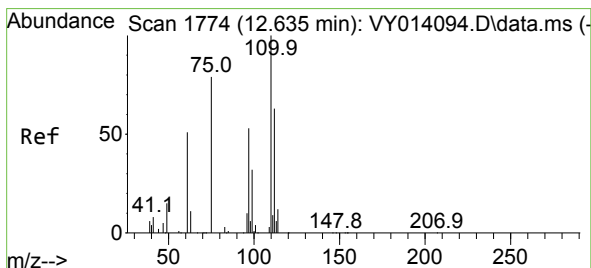
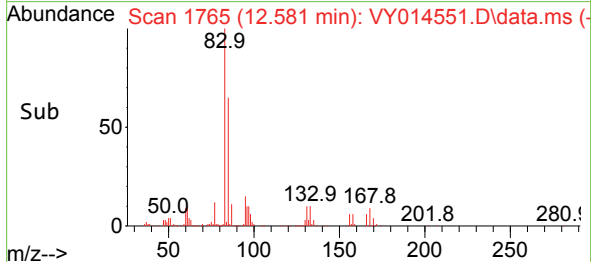
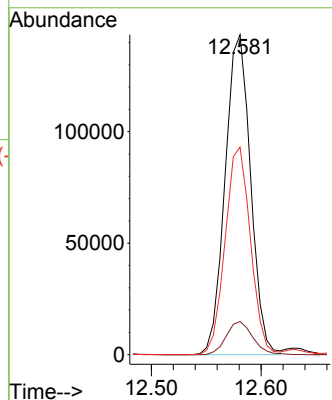
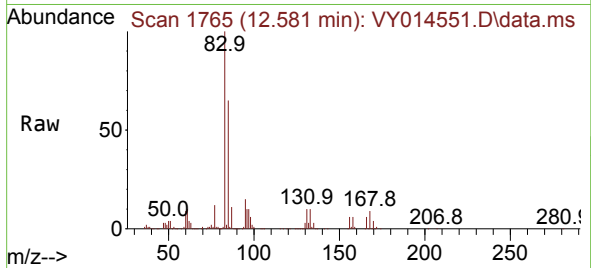




#75
1,1,2,2-Tetrachloroethane
Concen: 48.432 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

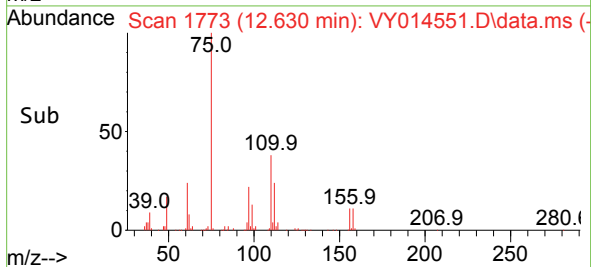
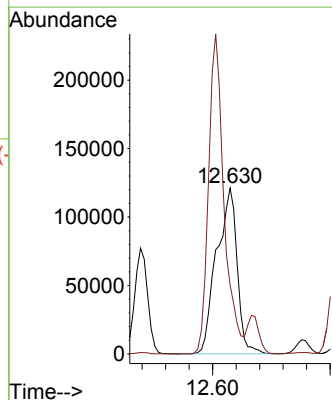
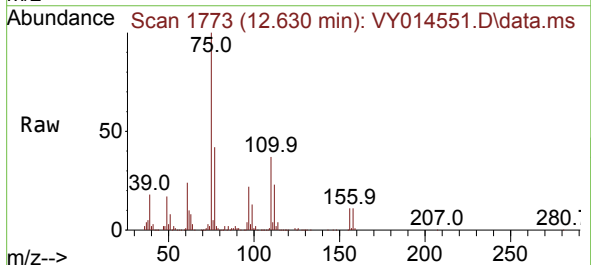
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

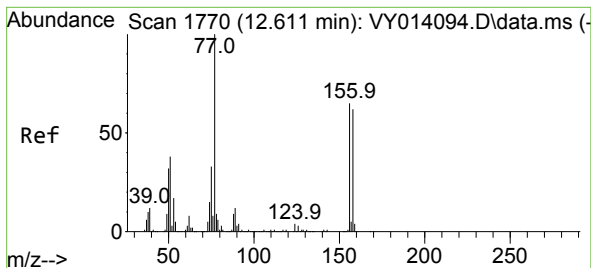
Tgt Ion: 83 Resp: 231624
Ion Ratio Lower Upper
83 100
131 10.8 5.4 16.2
85 64.7 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 87.872 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.005 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

Tgt Ion: 75 Resp: 293418
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.835 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY014551.D

Acq: 03 Jul 2023 21:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

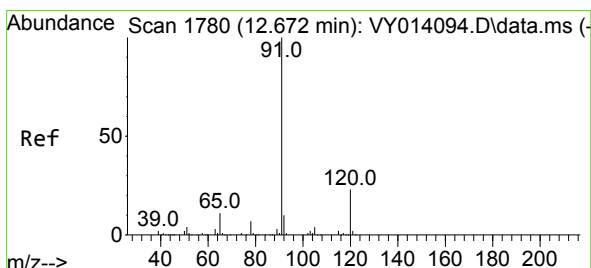
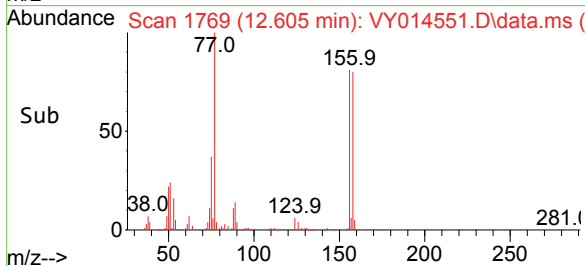
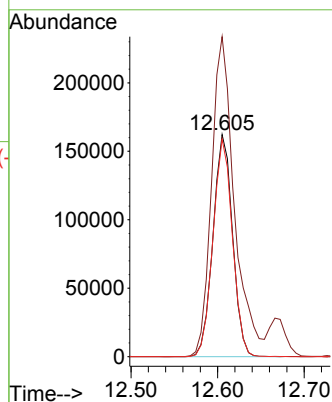
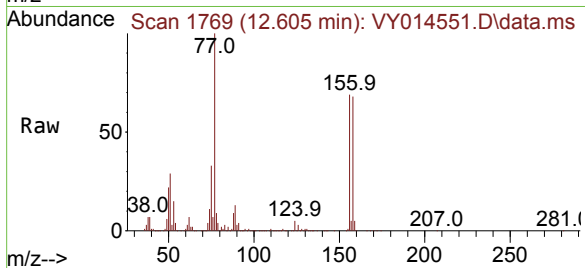
Tgt Ion:156 Resp: 253667

Ion Ratio Lower Upper

156 100

77 169.1 92.8 278.6

158 97.8 48.4 145.3



#78

n-propylbenzene

Concen: 48.886 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY014551.D

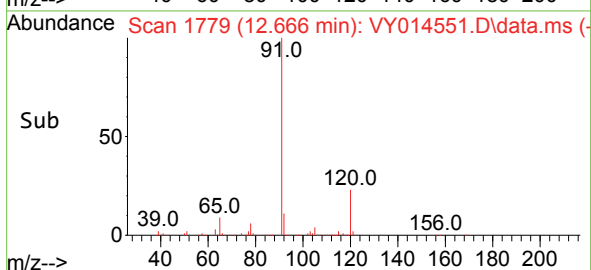
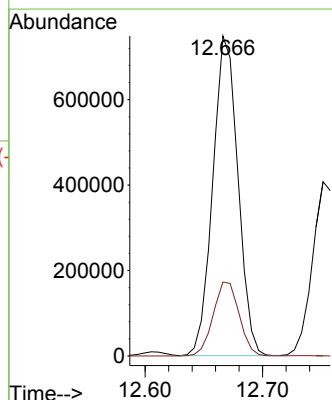
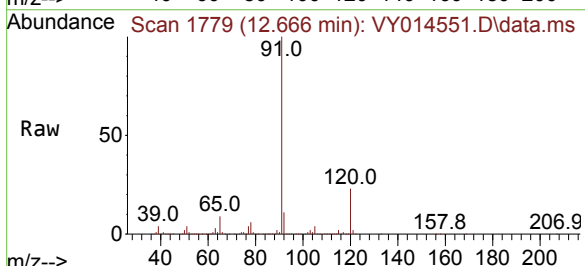
Acq: 03 Jul 2023 21:28

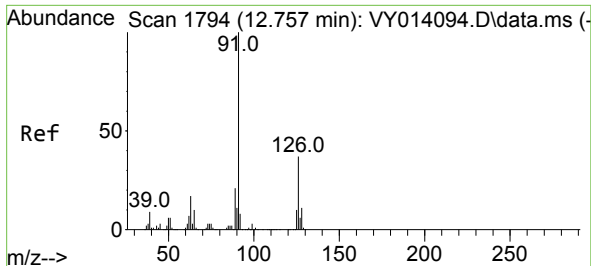
Tgt Ion: 91 Resp: 1111332

Ion Ratio Lower Upper

91 100

120 23.9 11.5 34.4

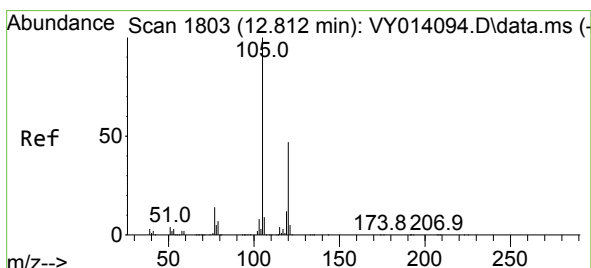
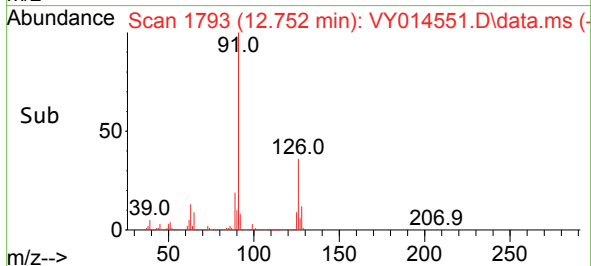
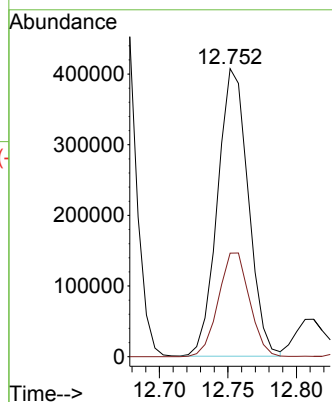
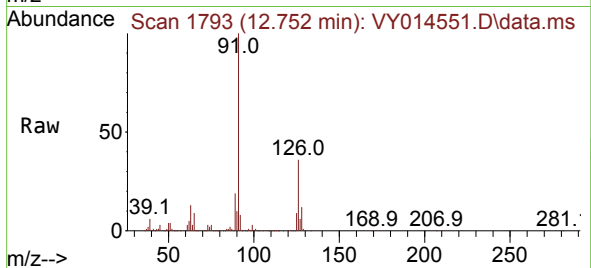




#79
2-Chlorotoluene
Concen: 48.717 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. -0.005 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

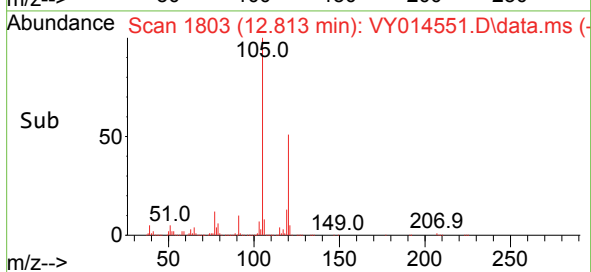
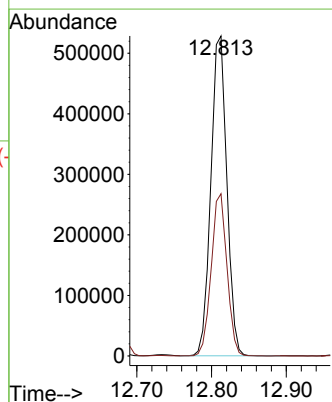
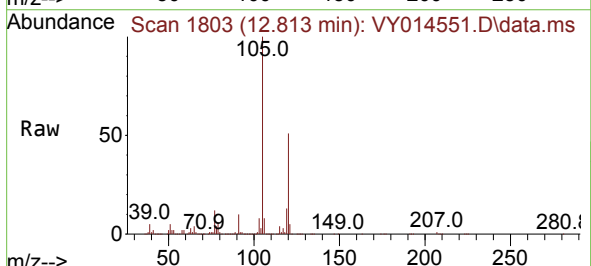
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

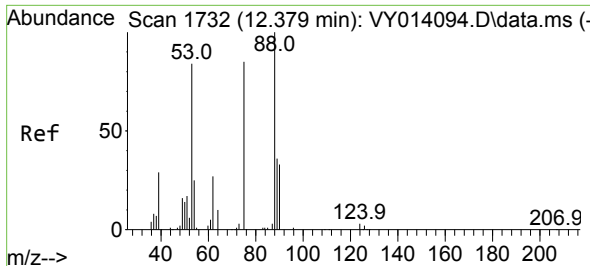
Tgt Ion: 91 Resp: 637364
Ion Ratio Lower Upper
91 100
126 36.5 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 49.842 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

Tgt Ion: 105 Resp: 786356
Ion Ratio Lower Upper
105 100
120 50.0 23.9 71.7

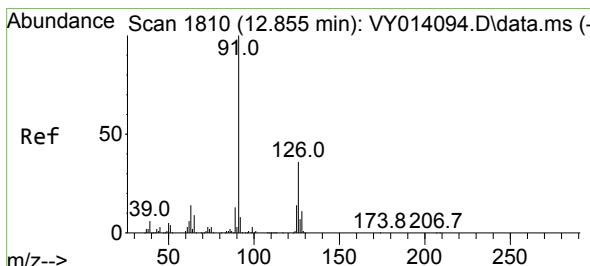
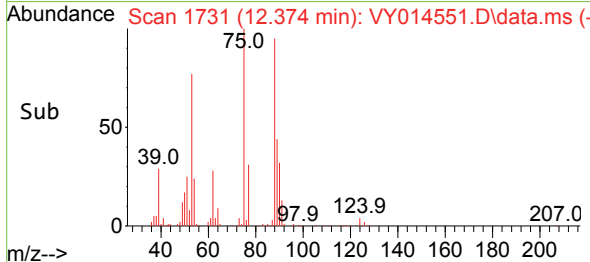
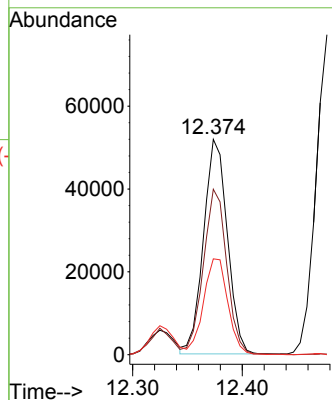
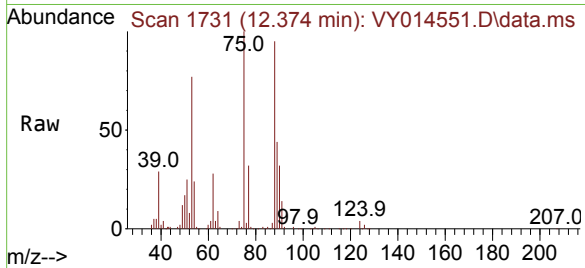




#81
trans-1,4-Dichloro-2-butene
Concen: 45.671 ug/l
RT: 12.374 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

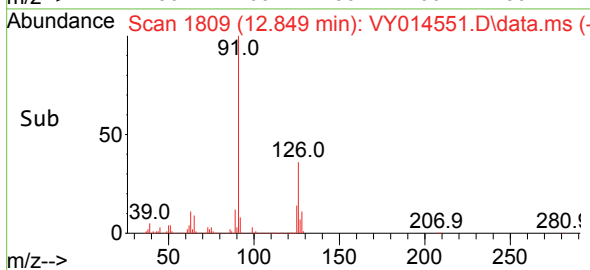
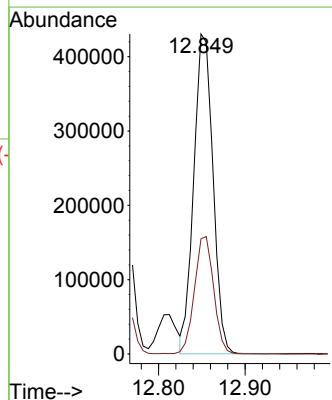
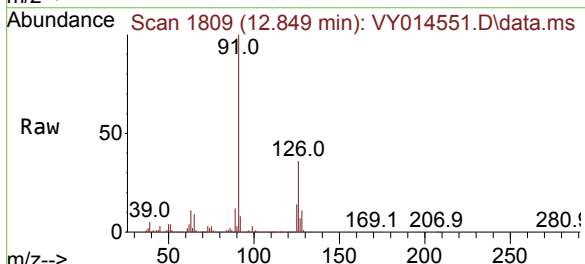
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

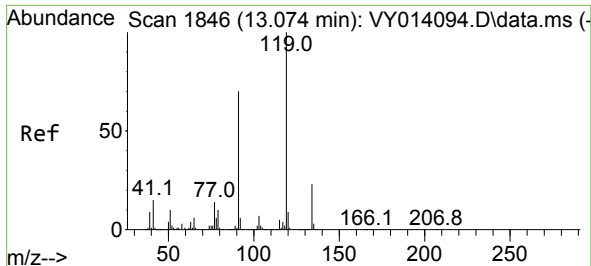
Tgt Ion: 75 Resp: 78351
Ion Ratio Lower Upper
75 100
53 76.4 77.8 116.8#
89 45.6 37.4 56.0



#82
4-Chlorotoluene
Concen: 48.350 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

Tgt Ion: 91 Resp: 662692
Ion Ratio Lower Upper
91 100
126 36.8 17.2 51.6

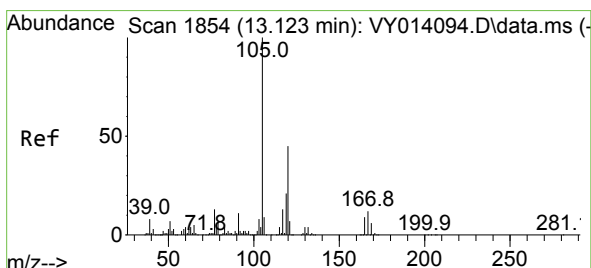
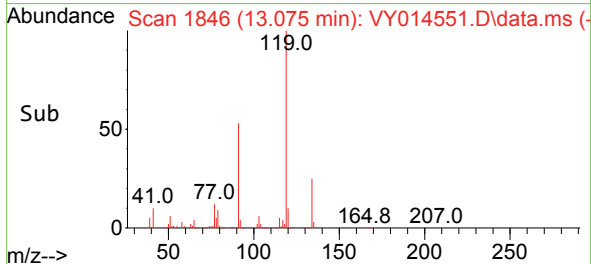
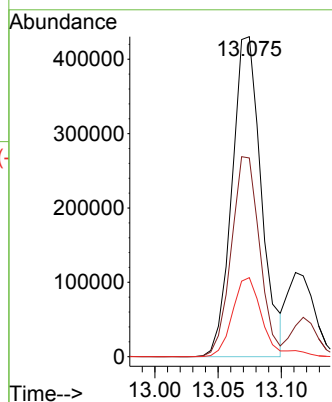
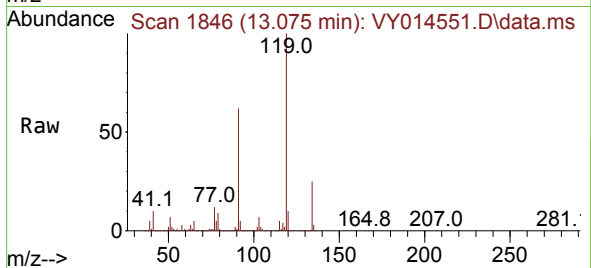




#83
tert-Butylbenzene
Concen: 50.004 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.001 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

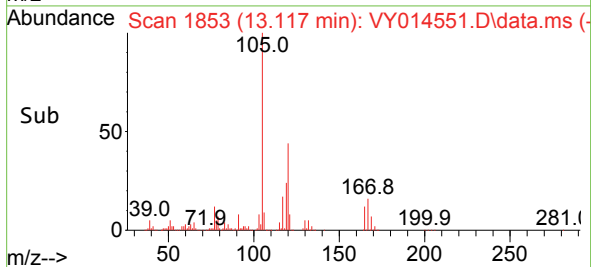
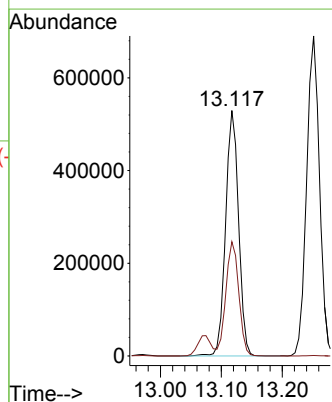
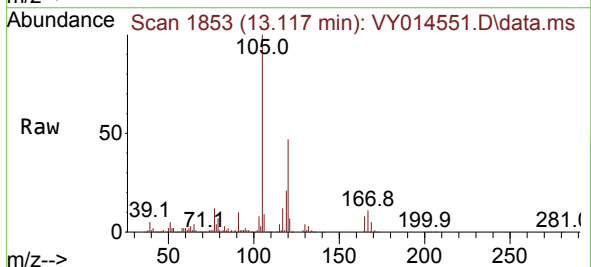
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

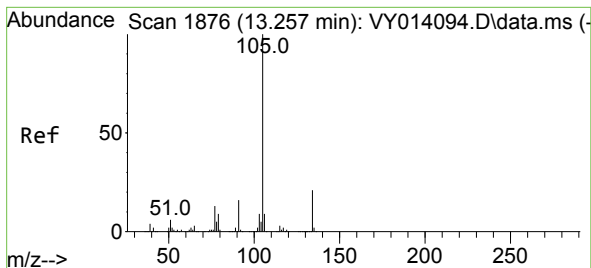
Tgt Ion:119 Resp: 693336
Ion Ratio Lower Upper
119 100
91 60.5 32.9 98.6
134 25.4 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 49.745 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

Tgt Ion:105 Resp: 783157
Ion Ratio Lower Upper
105 100
120 46.2 22.2 66.6





#85

sec-Butylbenzene

Concen: 49.394 ug/l

RT: 13.251 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VY014551.D

Acq: 03 Jul 2023 21:28

Instrument :

MSVOA_Y

ClientSampleId :

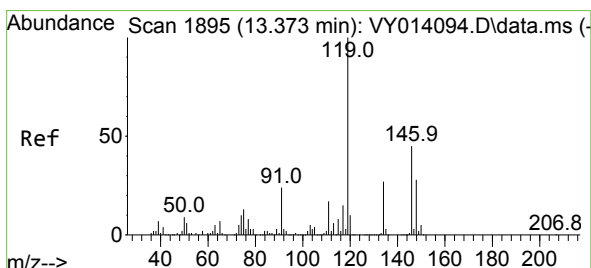
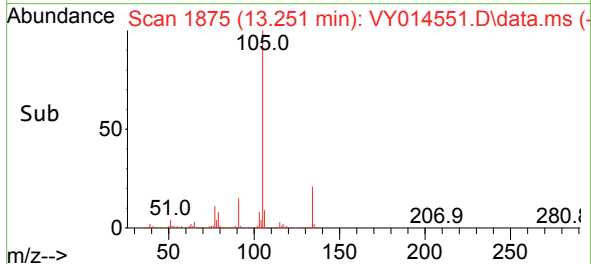
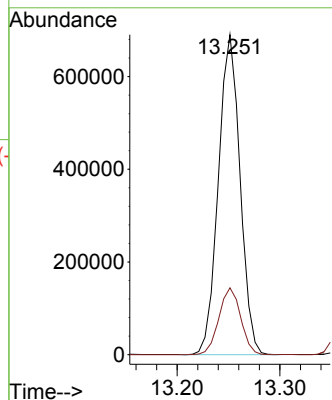
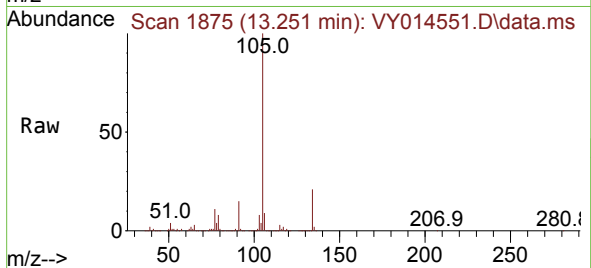
VSTDCCC050EC

Tgt Ion:105 Resp: 1010623

Ion Ratio Lower Upper

105 100

134 21.0 10.2 30.6



#86

p-Isopropyltoluene

Concen: 50.332 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY014551.D

Acq: 03 Jul 2023 21:28

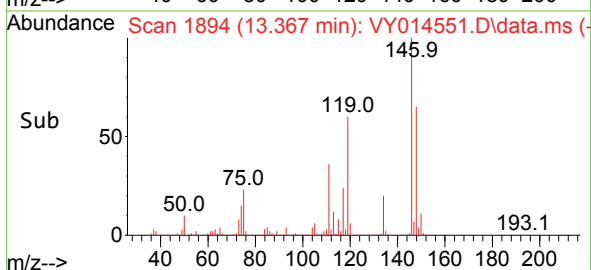
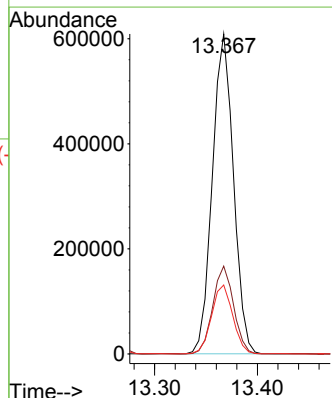
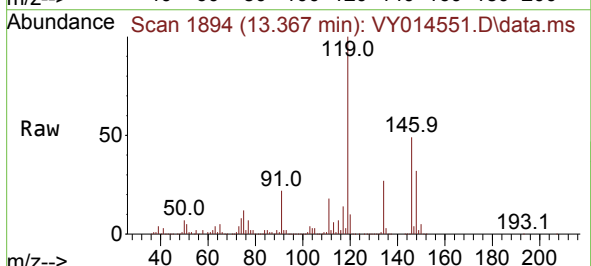
Tgt Ion:119 Resp: 866649

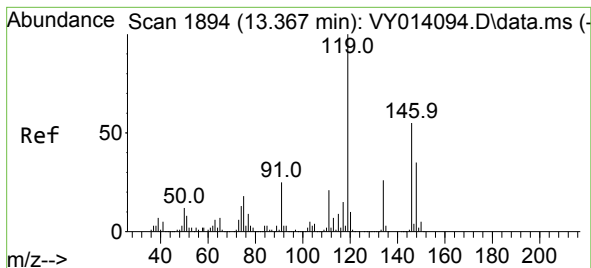
Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.8

91 21.7 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 48.959 ug/l

RT: 13.361 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014551.D

Acq: 03 Jul 2023 21:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

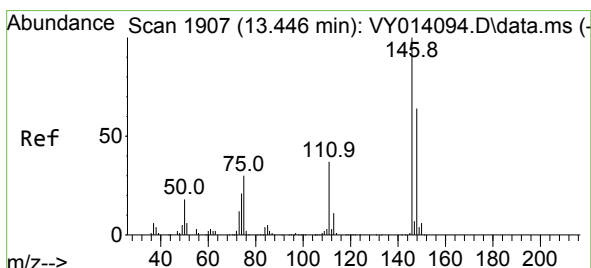
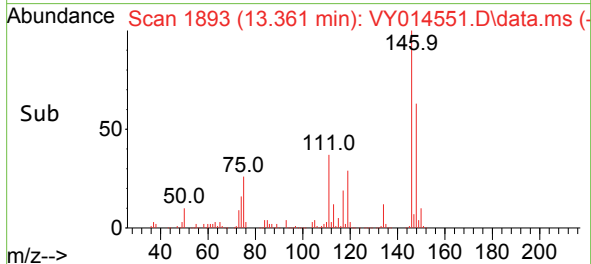
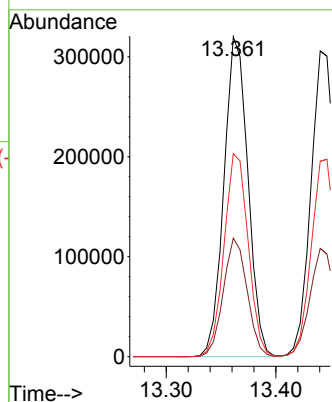
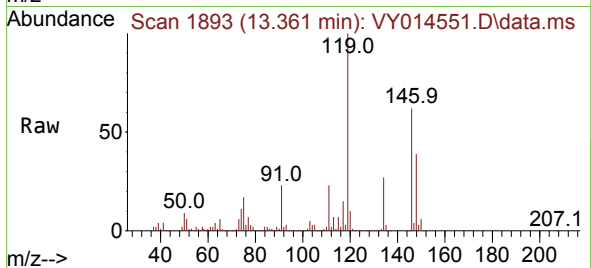
Tgt Ion:146 Resp: 487254

Ion Ratio Lower Upper

146 100

111 36.7 19.4 58.2

148 63.9 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 48.327 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY014551.D

Acq: 03 Jul 2023 21:28

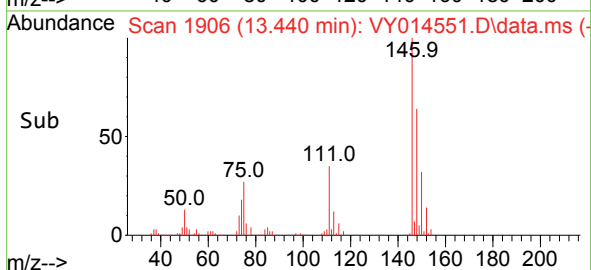
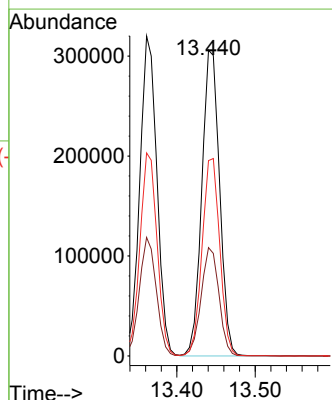
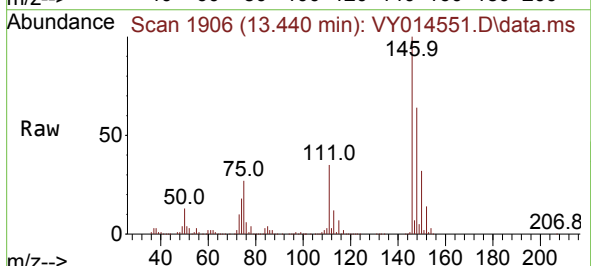
Tgt Ion:146 Resp: 482015

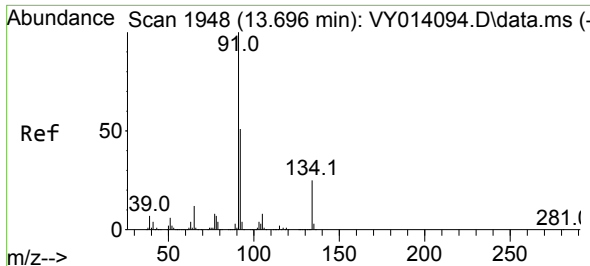
Ion Ratio Lower Upper

146 100

111 35.5 18.9 56.7

148 64.2 32.1 96.5

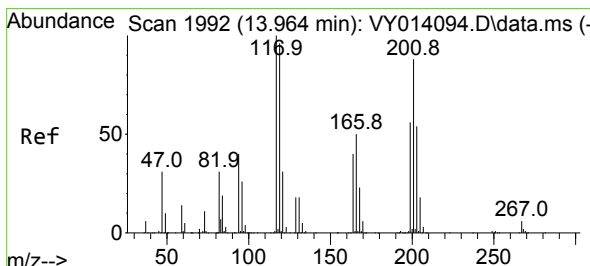
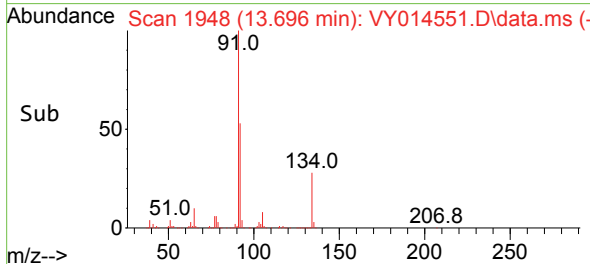
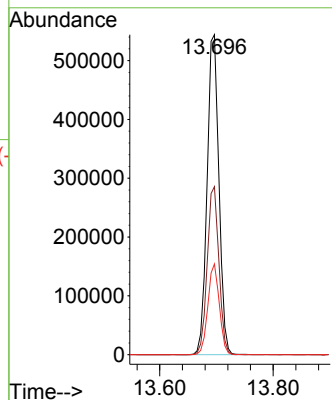
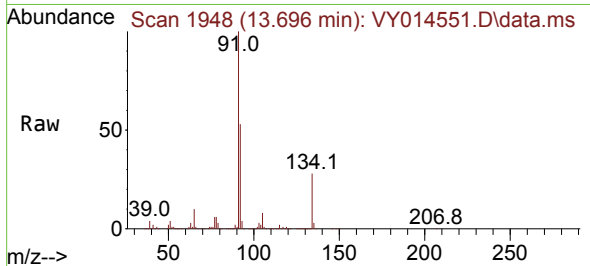




#89
n-Butylbenzene
Concen: 49.414 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

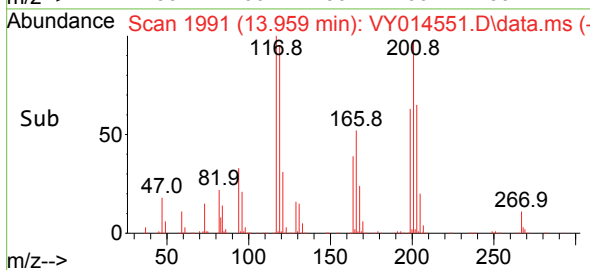
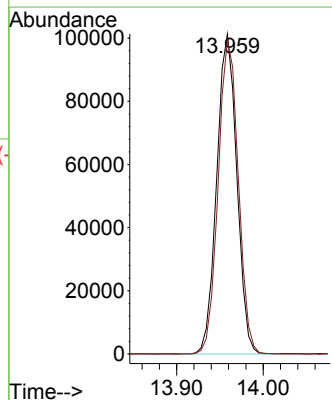
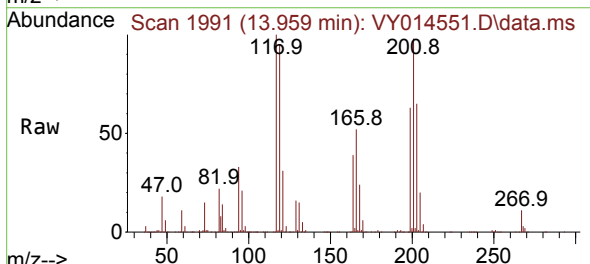
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

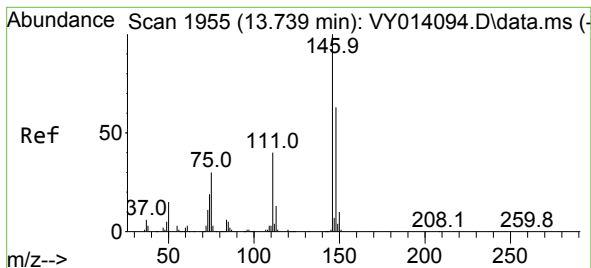
Tgt Ion: 91 Resp: 786310
Ion Ratio Lower Upper
91 100
92 52.1 25.4 76.0
134 27.4 12.6 37.6



#90
Hexachloroethane
Concen: 47.870 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.005 min
Lab File: VY014551.D
Acq: 03 Jul 2023 21:28

Tgt Ion: 117 Resp: 163274
Ion Ratio Lower Upper
117 100
201 98.2 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 49.580 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY014551.D

Acq: 03 Jul 2023 21:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

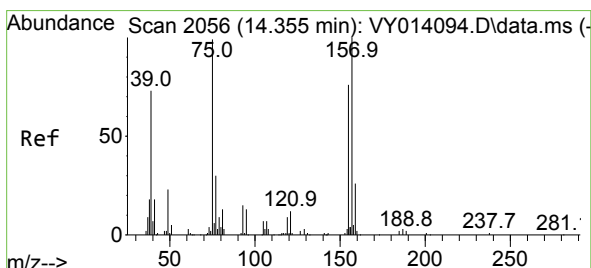
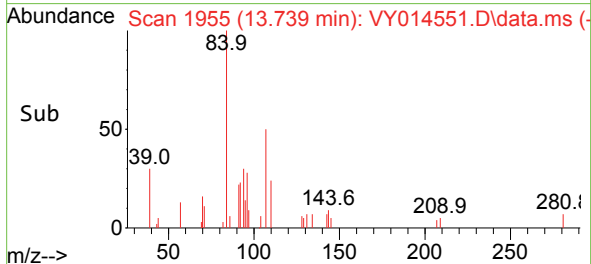
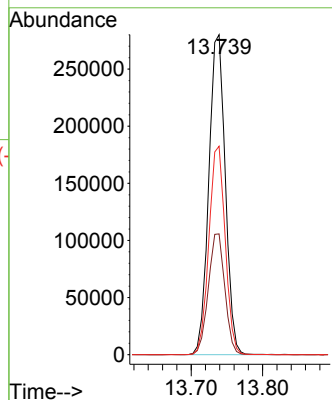
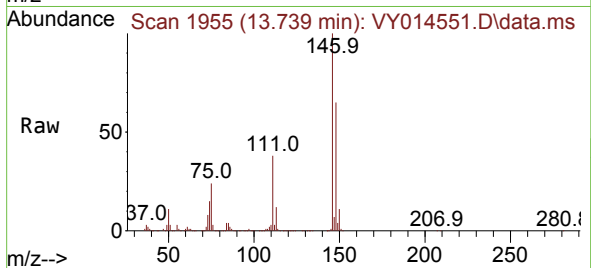
Tgt Ion:146 Resp: 446956

Ion Ratio Lower Upper

146 100

111 38.1 19.7 59.0

148 64.7 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.390 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY014551.D

Acq: 03 Jul 2023 21:28

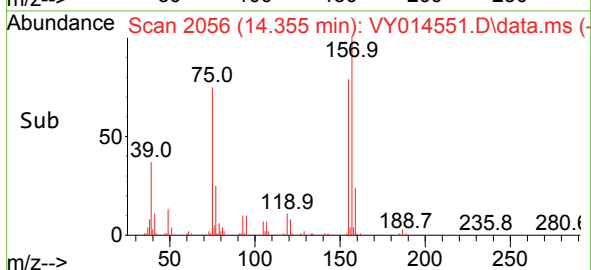
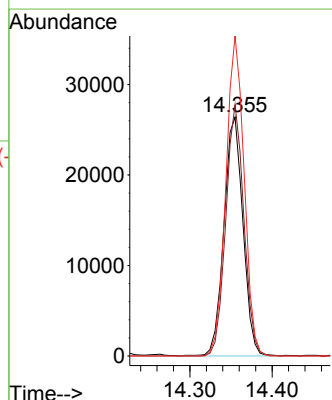
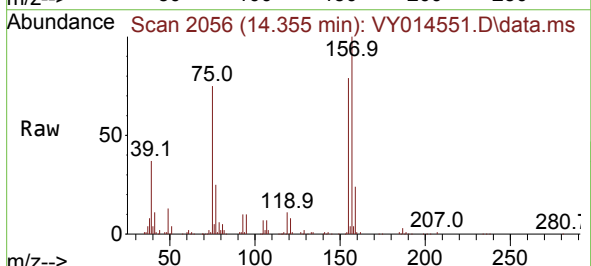
Tgt Ion: 75 Resp: 42369

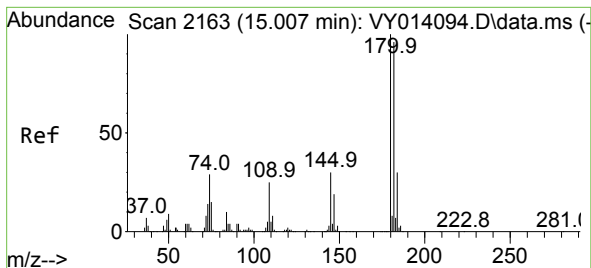
Ion Ratio Lower Upper

75 100

155 100.2 41.5 124.6

157 128.2 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 50.584 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY014551.D

Acq: 03 Jul 2023 21:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

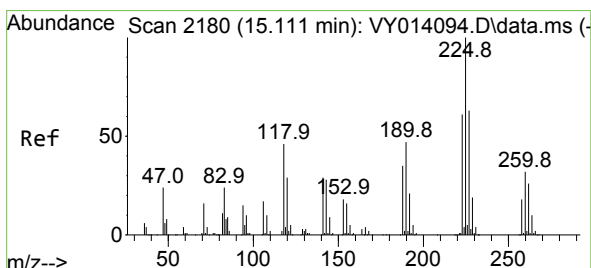
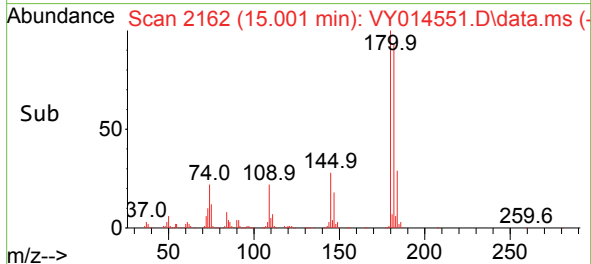
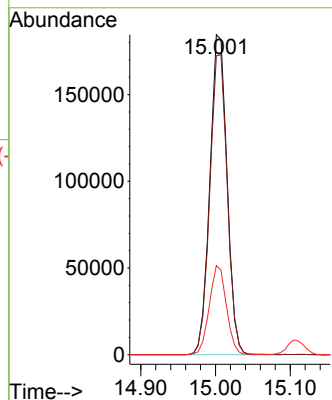
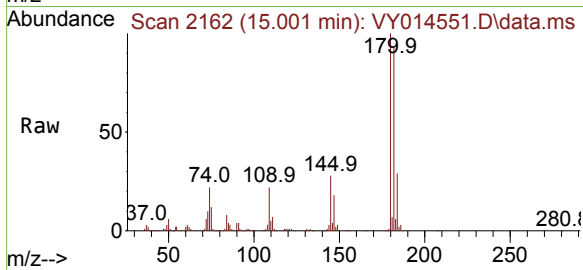
Tgt Ion:180 Resp: 294534

Ion Ratio Lower Upper

180 100

182 95.2 47.0 141.2

145 27.7 14.5 43.5



#94

Hexachlorobutadiene

Concen: 51.623 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014551.D

Acq: 03 Jul 2023 21:28

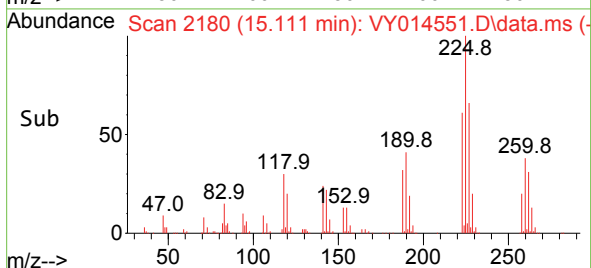
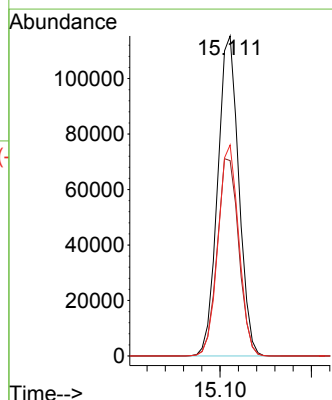
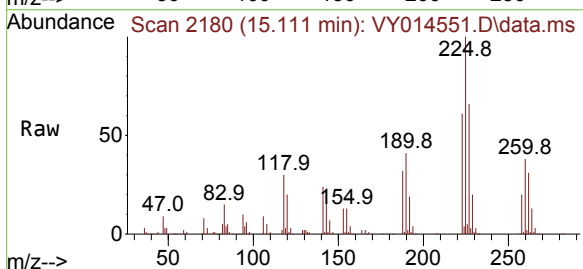
Tgt Ion:225 Resp: 184738

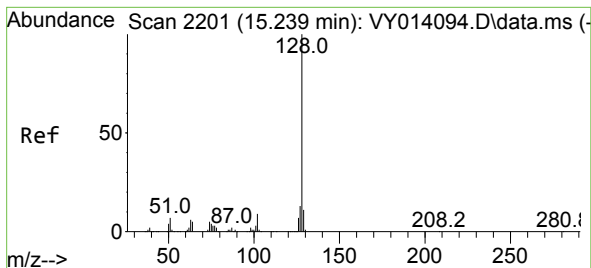
Ion Ratio Lower Upper

225 100

223 63.1 31.9 95.9

227 64.8 33.0 98.9





#95

Naphthalene

Concen: 52.193 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY014551.D

Acq: 03 Jul 2023 21:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

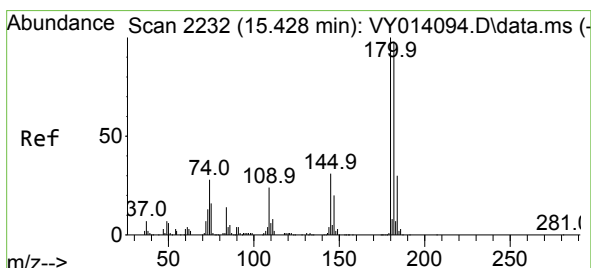
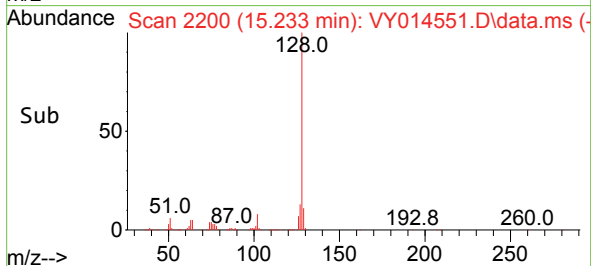
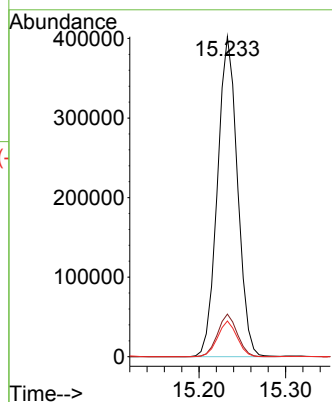
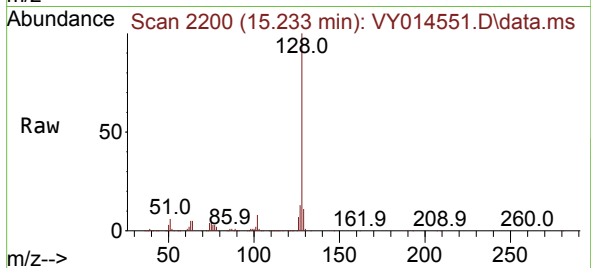
Tgt Ion:128 Resp: 646567

Ion Ratio Lower Upper

128 100

127 13.1 10.8 16.2

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 51.361 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY014551.D

Acq: 03 Jul 2023 21:28

Tgt Ion:180 Resp: 272489

Ion Ratio Lower Upper

180 100

182 95.3 47.3 141.8

145 29.1 15.4 46.2

