

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040523\
 Data File : VY013201.D
 Acq On : 05 Apr 2023 10:03
 Operator : KP/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050

Quant Time: Apr 06 01:25:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 03 13:40:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	129033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	184252	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	167913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	89423	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	67852	48.931	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.860%
35) Dibromofluoromethane	7.716	113	59911	49.774	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.540%
50) Toluene-d8	10.179	98	224992	49.514	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.020%
62) 4-Bromofluorobenzene	12.477	95	78028	52.755	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	57280	45.284	ug/l	97
3) Chloromethane	2.113	50	54433	41.266	ug/l	99
4) Vinyl Chloride	2.247	62	64048	48.429	ug/l	100
5) Bromomethane	2.650	94	42959	46.027	ug/l	93
6) Chloroethane	2.790	64	40043	48.335	ug/l	98
7) Trichlorofluoromethane	3.125	101	110885	47.109	ug/l	96
8) Diethyl Ether	3.528	74	40353	54.595	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	64119	49.410	ug/l	93
10) Methyl Iodide	4.088	142	90298	53.436	ug/l	97
11) Tert butyl alcohol	4.948	59	32479	259.870	ug/l #	90
12) 1,1-Dichloroethene	3.869	96	62407	49.748	ug/l	95
13) Acrolein	3.729	56	44685	254.773	ug/l	99
14) Allyl chloride	4.479	41	94697	44.304	ug/l	90
15) Acrylonitrile	5.149	53	87287	237.656	ug/l	99
16) Acetone	3.942	43	119581	282.010	ug/l	97
17) Carbon Disulfide	4.192	76	183920	44.025	ug/l	99
18) Methyl Acetate	4.473	43	64491	48.269	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	168337	52.956	ug/l	96
20) Methylene Chloride	4.710	84	69711	47.338	ug/l	90
21) trans-1,2-Dichloroethene	5.210	96	65725	46.501	ug/l	95
22) Diisopropyl ether	6.119	45	177571	42.522	ug/l #	95
23) Vinyl Acetate	6.051	43	544403	229.248	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	106981	43.256	ug/l	100
25) 2-Butanone	6.984	43	128724	242.780	ug/l	94
26) 2,2-Dichloropropane	6.972	77	108831	48.923	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	73426	48.220	ug/l	95
28) Bromochloromethane	7.332	49	42654	40.192	ug/l #	74
29) Tetrahydrofuran	7.344	42	73938	235.572	ug/l	89
30) Chloroform	7.509	83	125275	48.914	ug/l	99
31) Cyclohexane	7.783	56	92446	40.836	ug/l	88
32) 1,1,1-Trichloroethane	7.698	97	115072	50.817	ug/l	99
36) 1,1-Dichloropropene	7.917	75	89819	49.568	ug/l	97
37) Ethyl Acetate	7.070	43	49031	47.633	ug/l	98
38) Carbon Tetrachloride	7.899	117	110277	55.157	ug/l	99
39) Methylcyclohexane	9.179	83	116223	54.672	ug/l	99
40) Benzene	8.155	78	255691	48.855	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	70970	155.414	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	86670	54.051	ug/l	100
43) Isopropyl Acetate	8.271	43	92599	50.257	ug/l	95
44) Trichloroethene	8.935	130	74654	51.816	ug/l	98
45) 1,2-Dichloropropane	9.216	63	70977	54.158	ug/l	99
46) Dibromomethane	9.301	93	40269	53.488	ug/l	99
47) Bromodichloromethane	9.496	83	100448	55.296	ug/l	99
48) Methyl methacrylate	9.289	41	54879	63.954	ug/l	97
49) 1,4-Dioxane	9.295	88	10414	1162.754	ug/l	99
51) 4-Methyl-2-Pentanone	10.069	43	253849	255.283	ug/l	97
52) Toluene	10.240	92	166979	51.434	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	98842	53.234	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	105243	49.630	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	54840	52.697	ug/l	93
56) Ethyl methacrylate	10.508	69	73512	56.184	ug/l	95
57) 1,3-Dichloropropane	10.788	76	89191	50.769	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	174508	285.238	ug/l	99
59) 2-Hexanone	10.831	43	196156	272.756	ug/l	96
60) Dibromochloromethane	10.984	129	73738	56.415	ug/l	100
61) 1,2-Dibromoethane	11.087	107	53836	53.392	ug/l	100
64) Tetrachloroethene	10.715	164	69618	53.930	ug/l	98
65) Chlorobenzene	11.514	112	184898	51.870	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	72675	54.382	ug/l	98
67) Ethyl Benzene	11.593	91	322037	52.307	ug/l	98
68) m/p-Xylenes	11.703	106	256874	107.857	ug/l	99
69) o-Xylene	12.026	106	119713	54.192	ug/l	99
70) Styrene	12.044	104	207376	56.118	ug/l	99
71) Bromoform	12.209	173	50586	61.044	ug/l #	97
73) Isopropylbenzene	12.331	105	324247	52.529	ug/l	99
74) N-amyl acetate	12.142	43	84281	49.729	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	63239	48.910	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	86489	86.096	ug/l #	100
77) Bromobenzene	12.605	156	82732	53.909	ug/l	88
78) n-propylbenzene	12.672	91	384126	50.612	ug/l	97
79) 2-Chlorotoluene	12.752	91	215136	49.954	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	274653	53.220	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	23777	52.785	ug/l	97
82) 4-Chlorotoluene	12.855	91	226475	50.529	ug/l	100
83) tert-Butylbenzene	13.075	119	244429	55.143	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	271065	53.634	ug/l	100
85) sec-Butylbenzene	13.251	105	351122	52.462	ug/l	99
86) p-Isopropyltoluene	13.367	119	301568	54.733	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	159160	52.318	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	160085	52.513	ug/l	99
89) n-Butylbenzene	13.696	91	267969	52.025	ug/l	99
90) Hexachloroethane	13.959	117	57326	49.944	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	146572	53.948	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11640	54.101	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	86837	54.809	ug/l	99
94) Hexachlorobutadiene	15.111	225	55760	57.224	ug/l	99
95) Naphthalene	15.233	128	187378	55.458	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	82570	59.152	ug/l	98

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Quant Title : SW846 8260
QLast Update : Mon Apr 03 13:40:57 2023
Response via : Initial Calibration

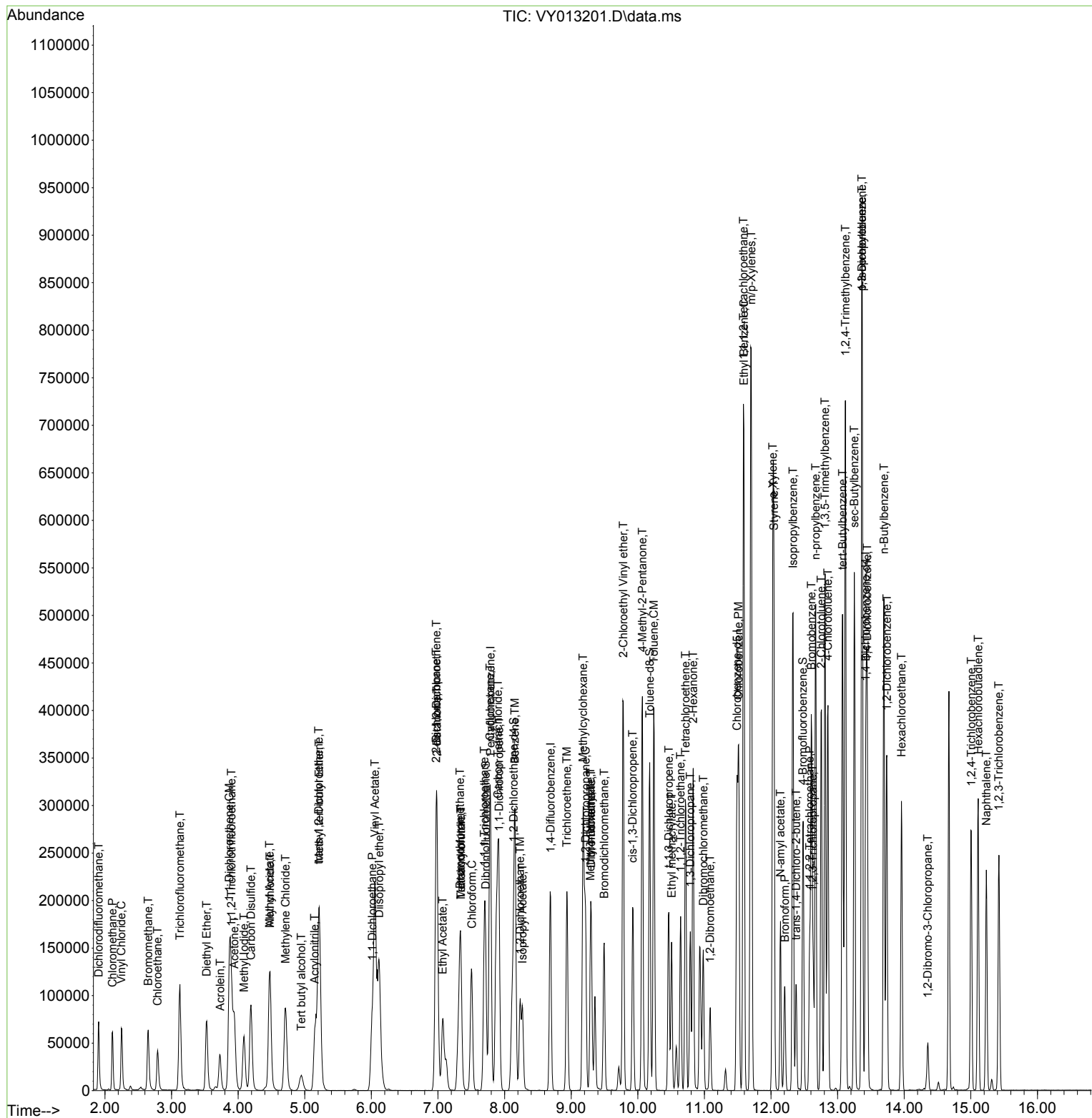
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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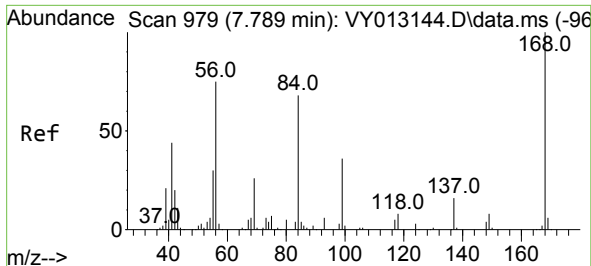
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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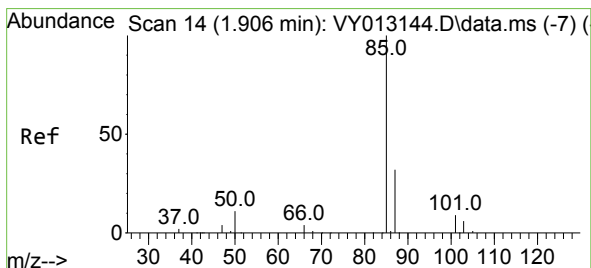
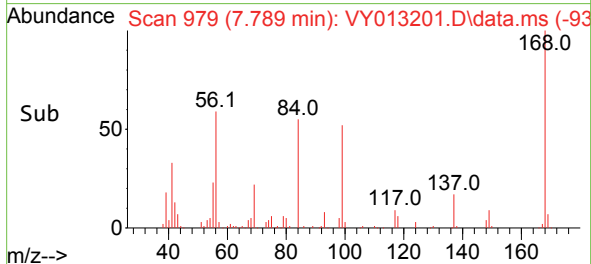
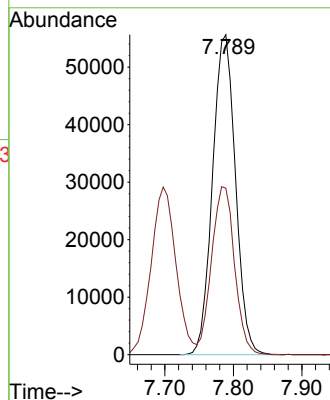
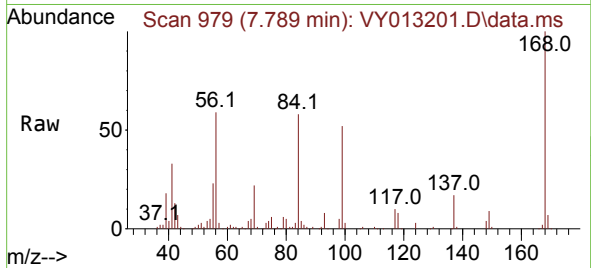




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013201.D
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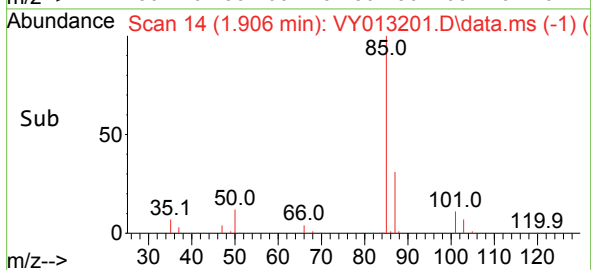
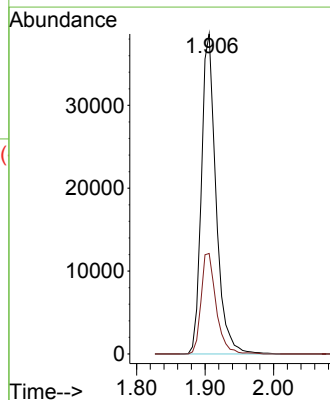
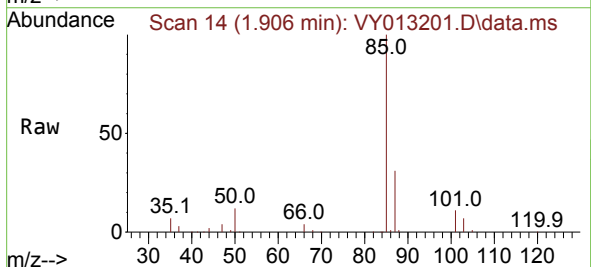
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

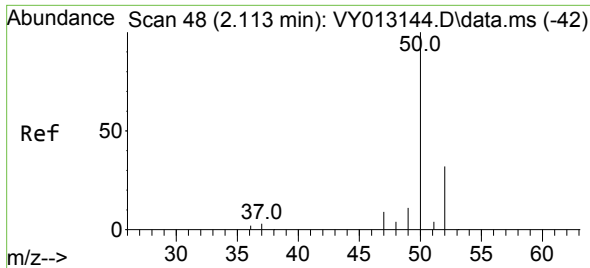
Tgt Ion:168 Resp: 129033
Ion Ratio Lower Upper
168 100
99 52.1 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 45.284 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013201.D
Acq: 05 Apr 2023 10:03

Tgt Ion: 85 Resp: 57280
Ion Ratio Lower Upper
85 100
87 31.4 16.7 50.0

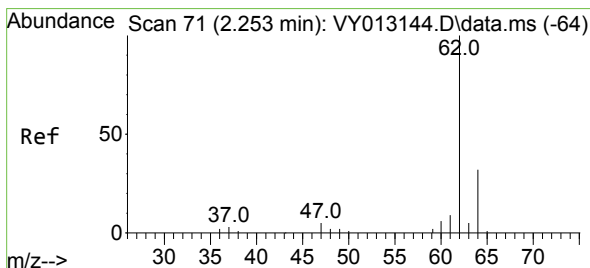
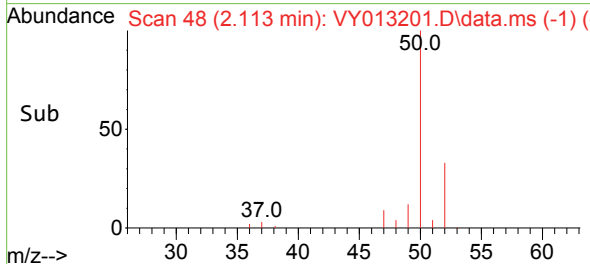
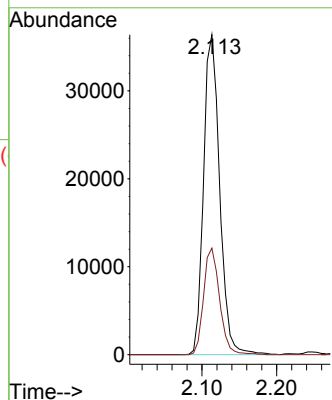
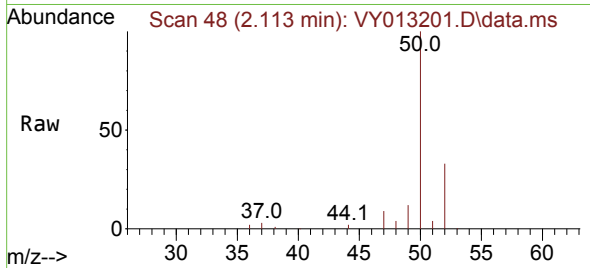




#3
Chloromethane
Concen: 41.266 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013201.D
Acq: 05 Apr 2023 10:03

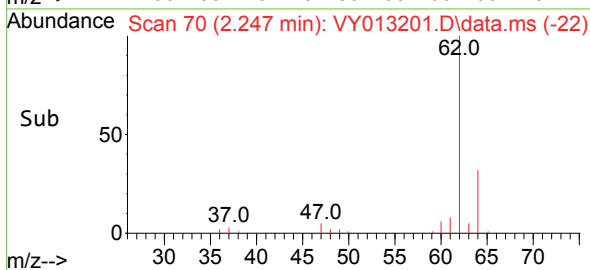
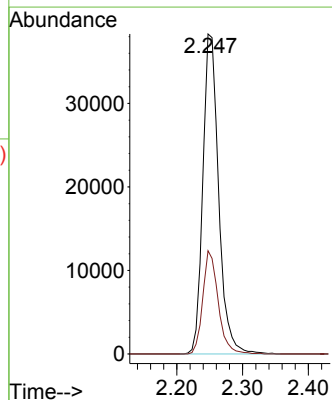
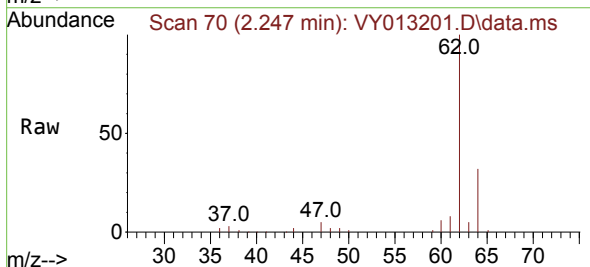
Instrument :
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ClientSampleId :
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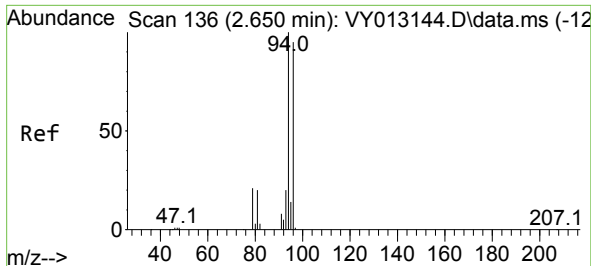
Tgt Ion: 50 Resp: 54433
Ion Ratio Lower Upper
50 100
52 33.3 26.0 39.0



#4
Vinyl Chloride
Concen: 48.429 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY013201.D
Acq: 05 Apr 2023 10:03

Tgt Ion: 62 Resp: 64048
Ion Ratio Lower Upper
62 100
64 32.3 25.6 38.4

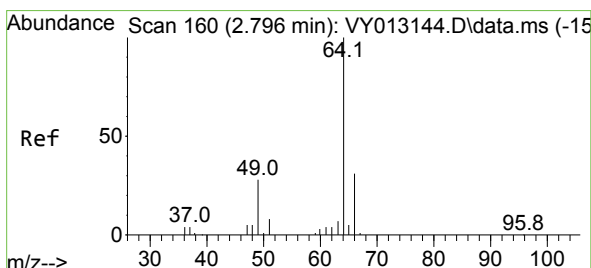
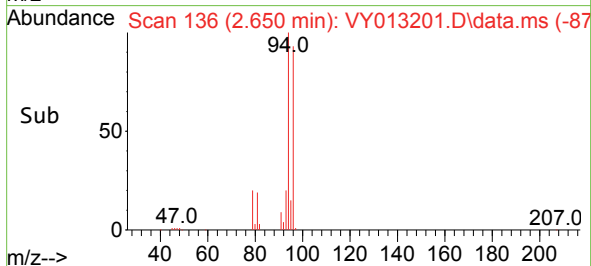
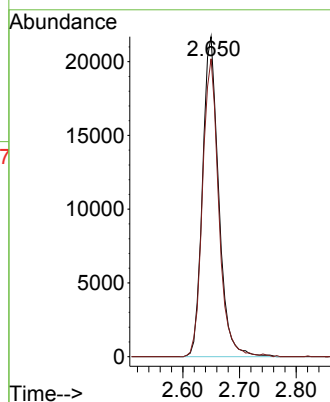
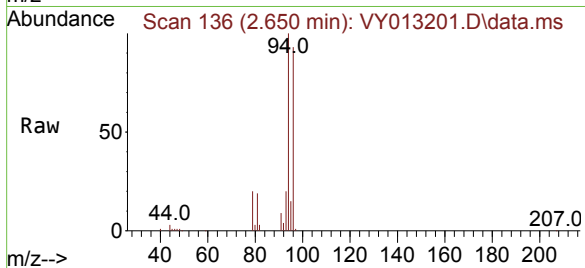




#5
Bromomethane
Concen: 46.027 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013201.D
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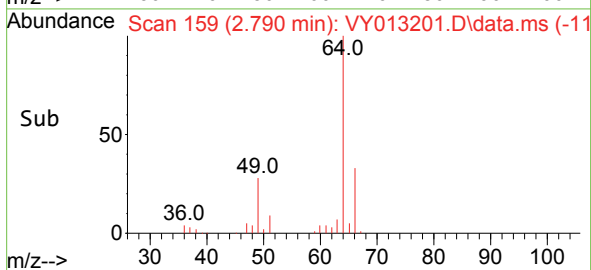
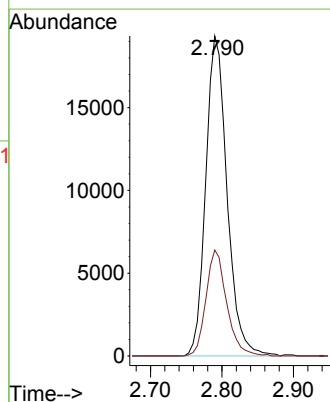
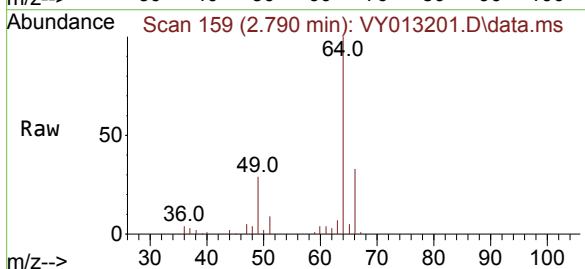
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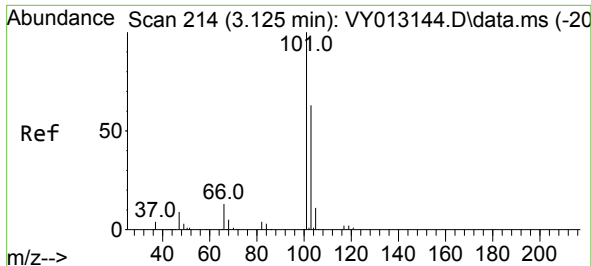
Tgt Ion: 94 Resp: 42959
Ion Ratio Lower Upper
94 100
96 93.1 80.3 120.5



#6
Chloroethane
Concen: 48.335 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY013201.D
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Tgt Ion: 64 Resp: 40043
Ion Ratio Lower Upper
64 100
66 33.1 25.7 38.5

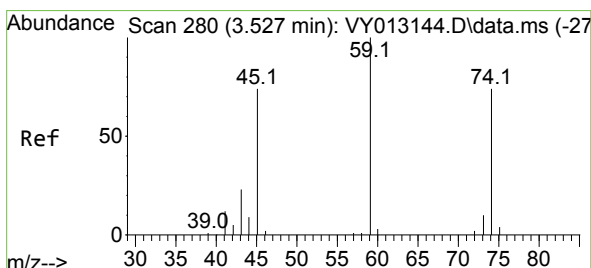
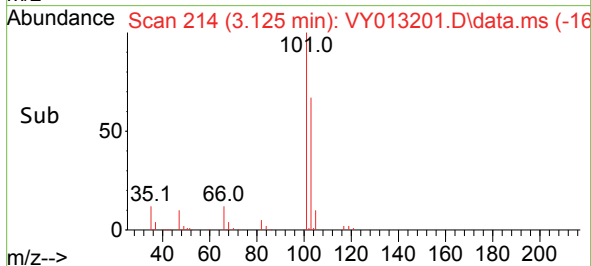
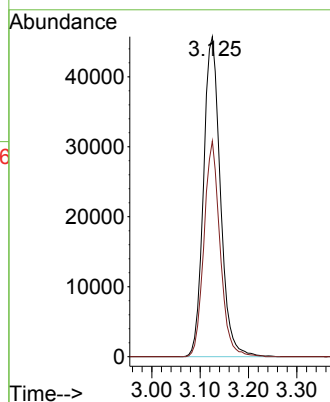
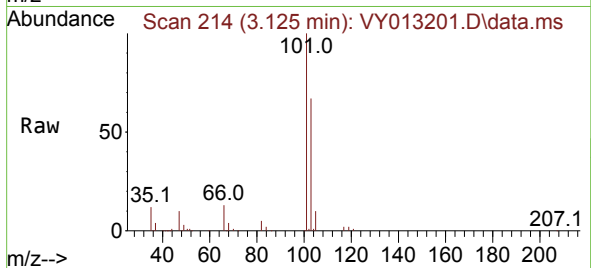




#7
Trichlorofluoromethane
Concen: 47.109 ug/l
RT: 3.125 min Scan# 214
Delta R.T. 0.000 min
Lab File: VY013201.D
Acq: 05 Apr 2023 10:03

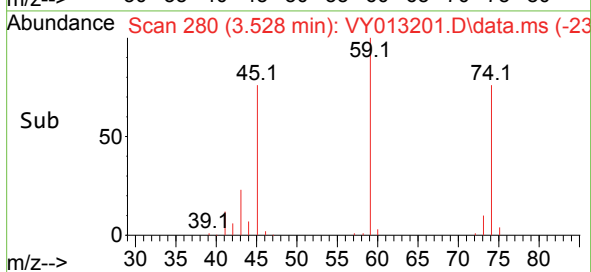
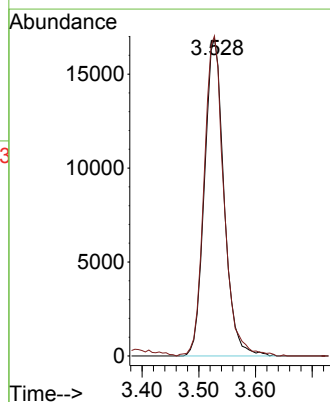
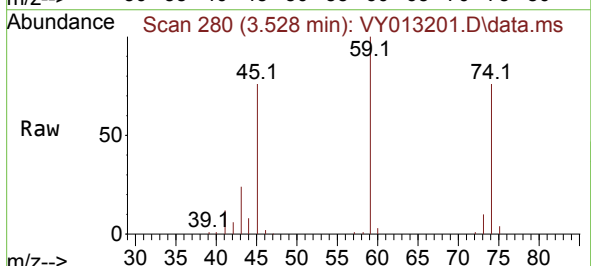
Instrument :
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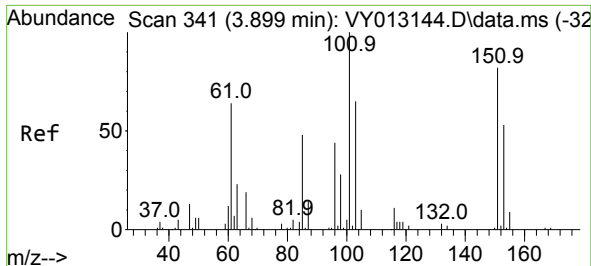
Tgt Ion:101 Resp: 110885
Ion Ratio Lower Upper
101 100
103 67.4 51.5 77.3



#8
Diethyl Ether
Concen: 54.595 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.001 min
Lab File: VY013201.D
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Tgt Ion: 74 Resp: 40353
Ion Ratio Lower Upper
74 100
45 102.5 52.1 156.4

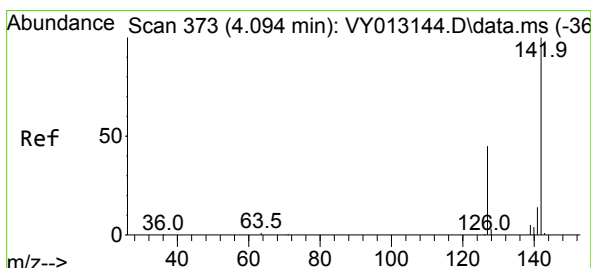
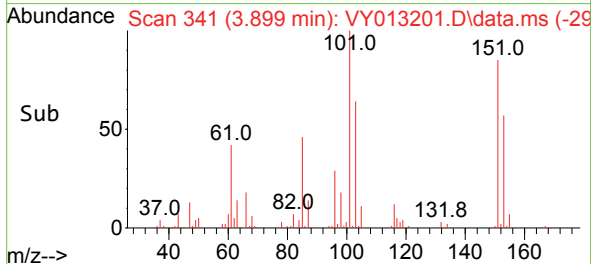
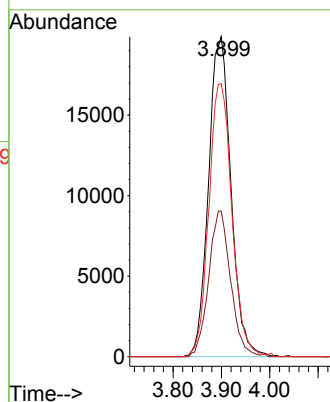
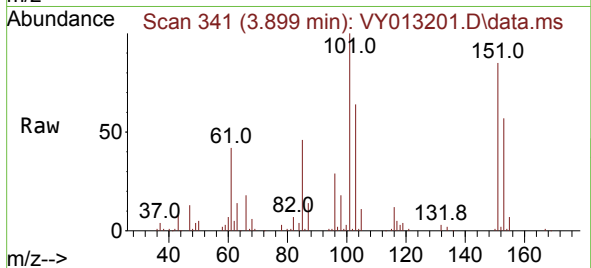




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.410 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY013201.D
Acq: 05 Apr 2023 10:03

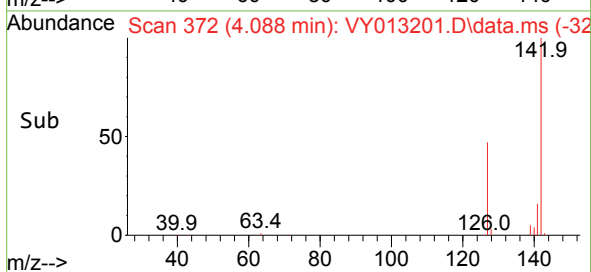
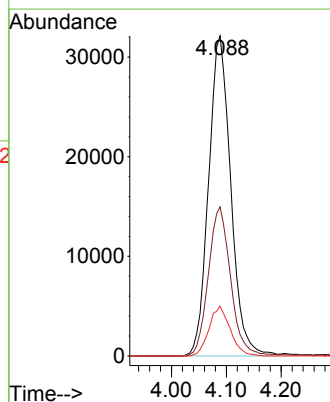
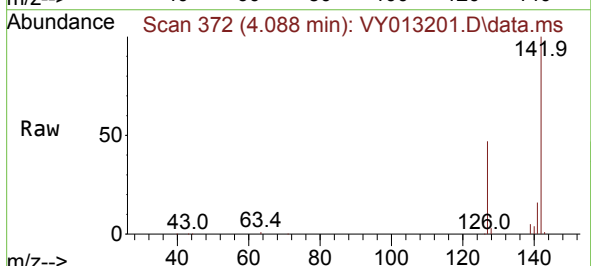
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

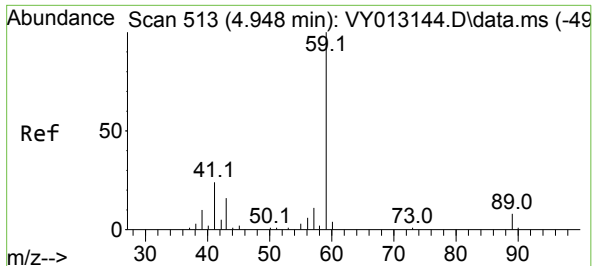
Tgt Ion:101 Resp: 64119
Ion Ratio Lower Upper
101 100
85 44.5 35.3 52.9
151 87.7 63.1 94.7



#10
Methyl Iodide
Concen: 53.436 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY013201.D
Acq: 05 Apr 2023 10:03

Tgt Ion:142 Resp: 90298
Ion Ratio Lower Upper
142 100
127 46.8 35.4 53.2
141 14.8 11.3 16.9

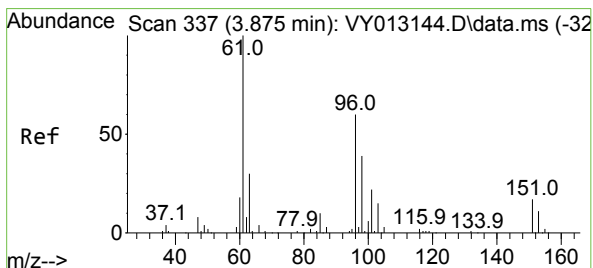
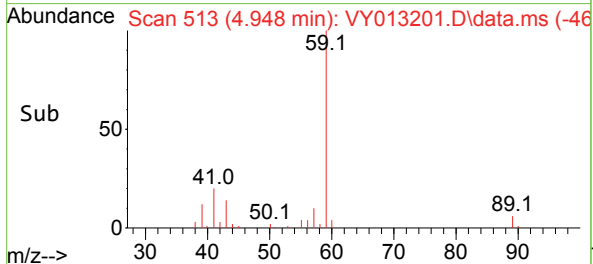
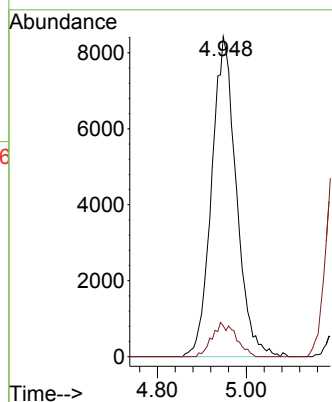
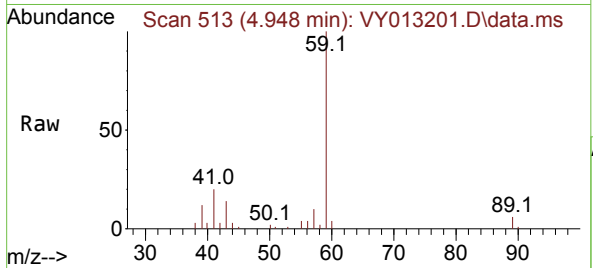




#11
Tert butyl alcohol
Concen: 259.870 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY013201.D
Acq: 05 Apr 2023 10:03

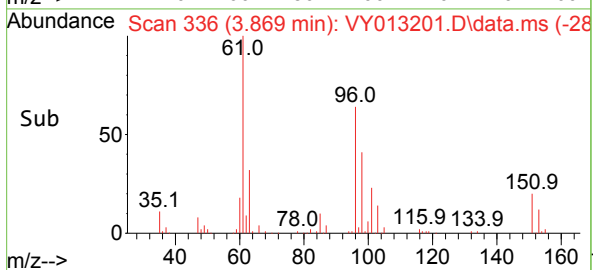
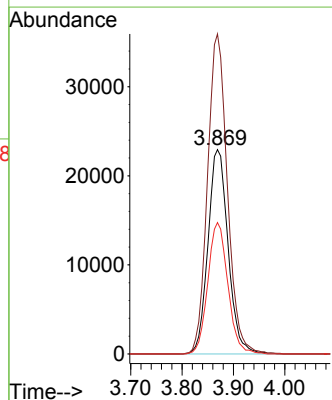
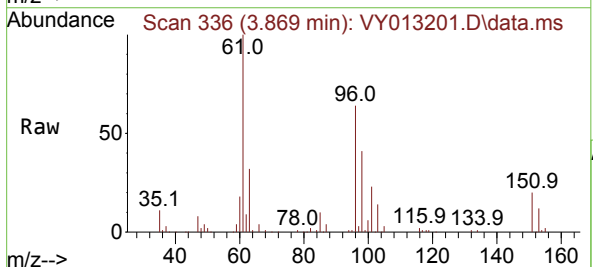
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

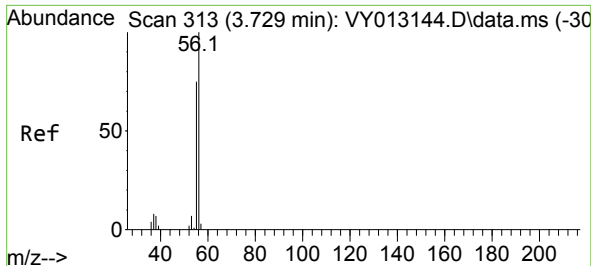
Tgt Ion: 59 Resp: 32479
Ion Ratio Lower Upper
59 100
57 6.0 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 49.748 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY013201.D
Acq: 05 Apr 2023 10:03

Tgt Ion: 96 Resp: 62407
Ion Ratio Lower Upper
96 100
61 156.6 131.7 197.5
98 64.3 52.0 78.0

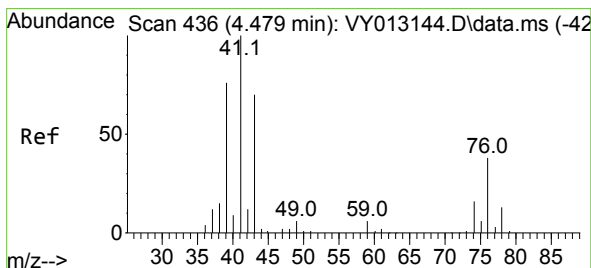
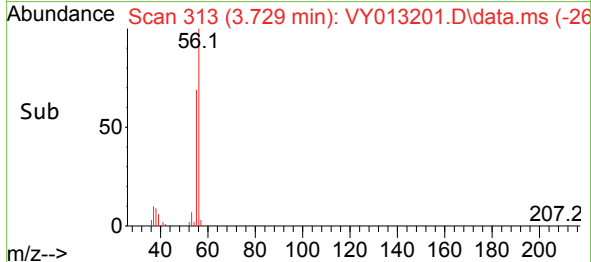
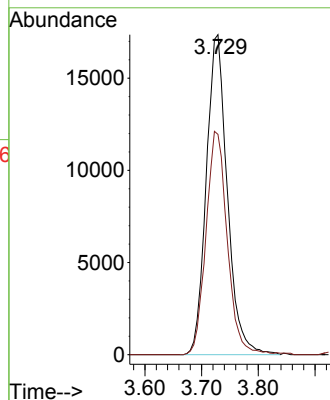
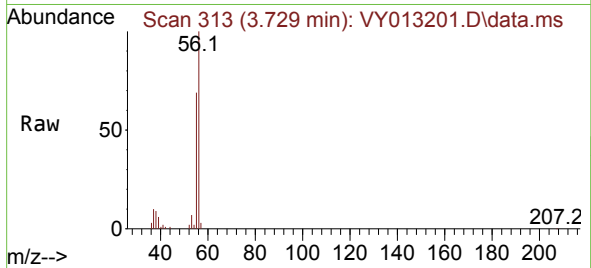




#13
Acrolein
Concen: 254.773 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY013201.D
Acq: 05 Apr 2023 10:03

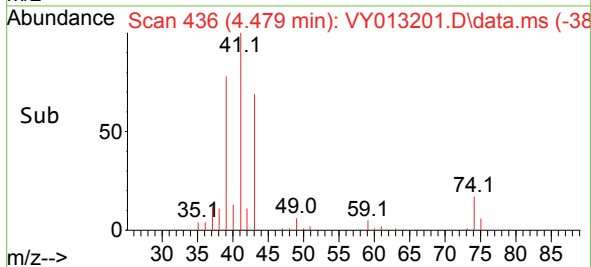
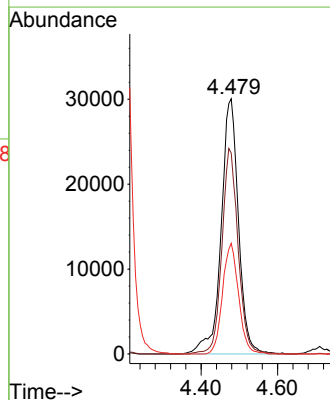
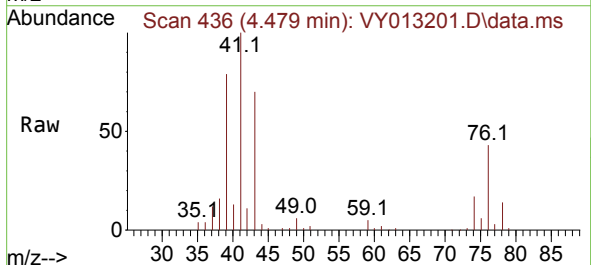
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

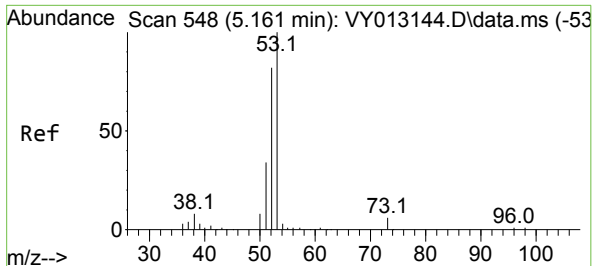
Tgt Ion: 56 Resp: 44685
Ion Ratio Lower Upper
56 100
55 70.6 56.8 85.2



#14
Allyl chloride
Concen: 44.304 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY013201.D
Acq: 05 Apr 2023 10:03

Tgt Ion: 41 Resp: 94697
Ion Ratio Lower Upper
41 100
39 75.3 53.6 80.4
76 40.0 27.2 40.8

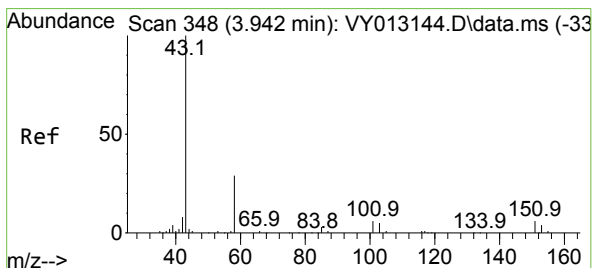
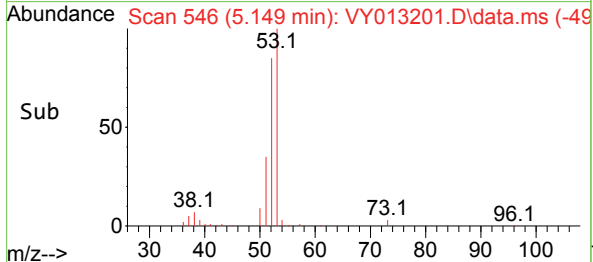
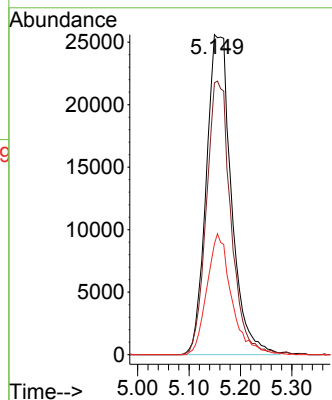
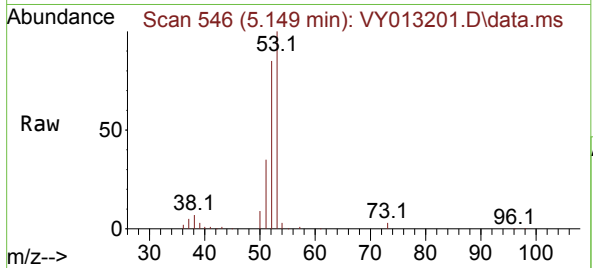




#15
Acrylonitrile
Concen: 237.656 ug/l
RT: 5.149 min Scan# 548
Delta R.T. -0.012 min
Lab File: VY013201.D
Acq: 05 Apr 2023 10:03

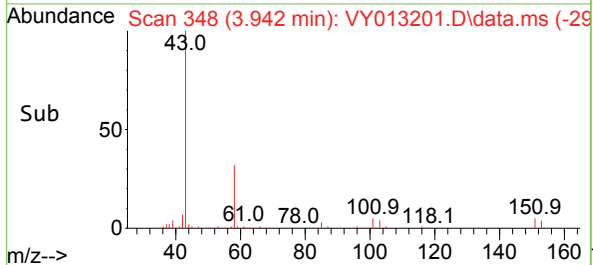
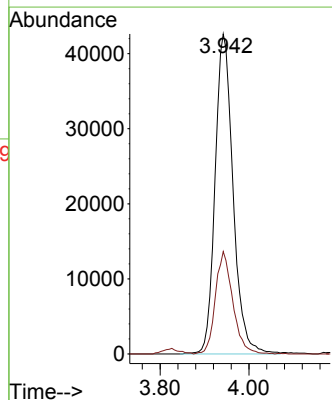
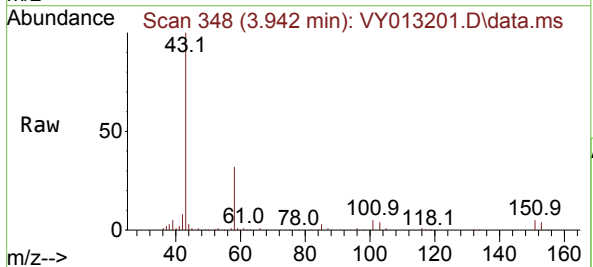
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

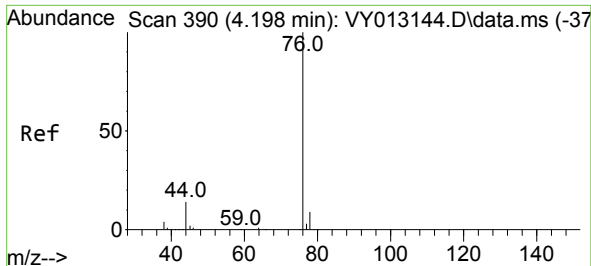
Tgt Ion: 53 Resp: 87287
Ion Ratio Lower Upper
53 100
52 83.0 66.3 99.5
51 37.0 28.8 43.2



#16
Acetone
Concen: 282.010 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY013201.D
Acq: 05 Apr 2023 10:03

Tgt Ion: 43 Resp: 119581
Ion Ratio Lower Upper
43 100
58 31.9 24.2 36.2

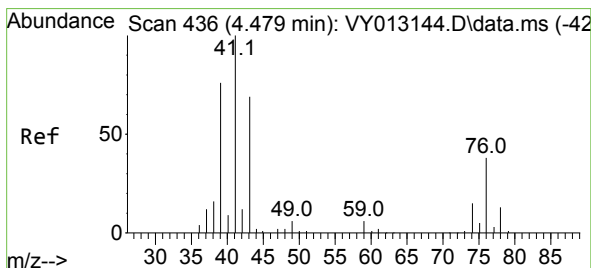
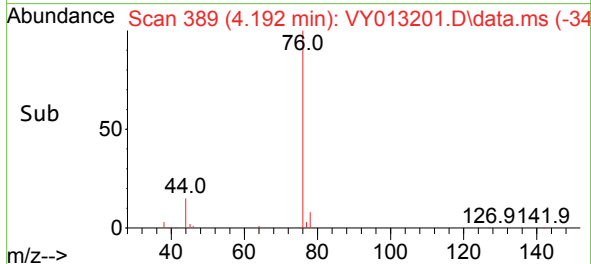
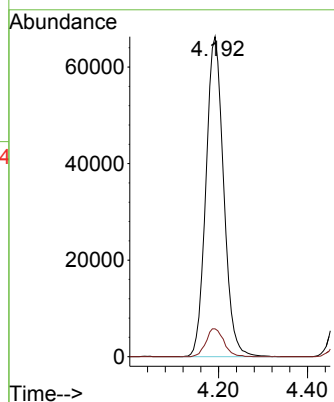
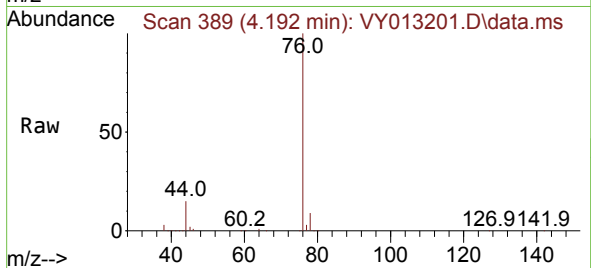




#17
Carbon Disulfide
Concen: 44.025 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY013201.D
Acq: 05 Apr 2023 10:03

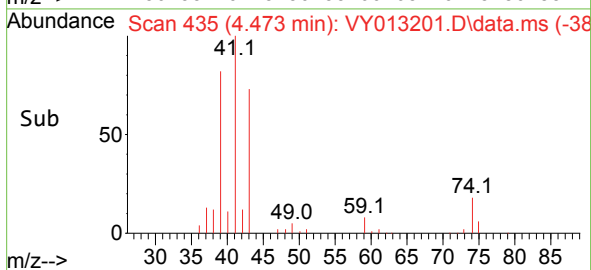
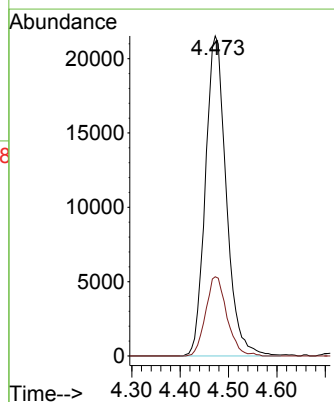
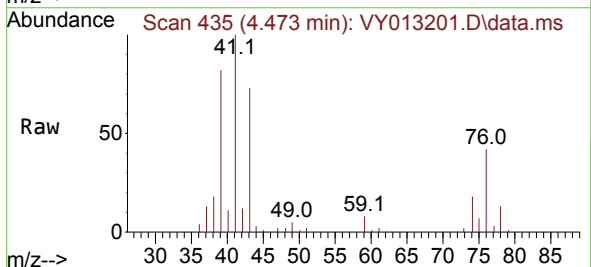
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

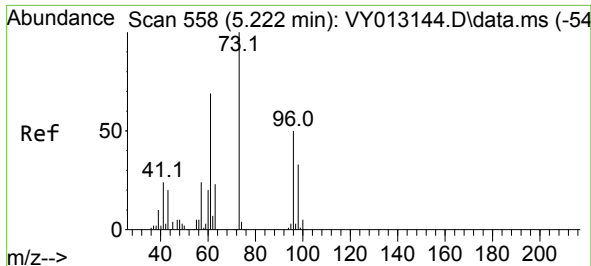
Tgt Ion: 76 Resp: 183920
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7



#18
Methyl Acetate
Concen: 48.269 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY013201.D
Acq: 05 Apr 2023 10:03

Tgt Ion: 43 Resp: 64491
Ion Ratio Lower Upper
43 100
74 25.3 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 52.956 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY013201.D

Acq: 05 Apr 2023 10:03

Instrument :

MSVOA_Y

ClientSampleId :

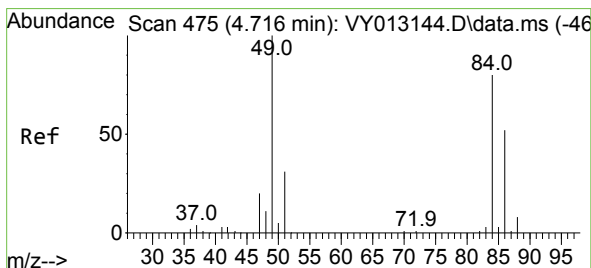
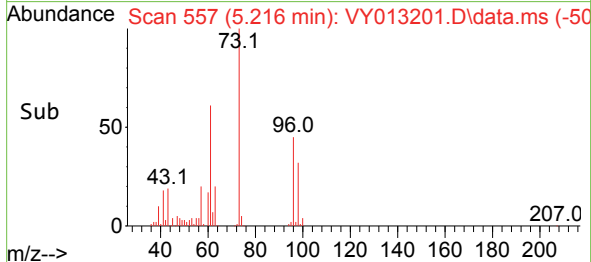
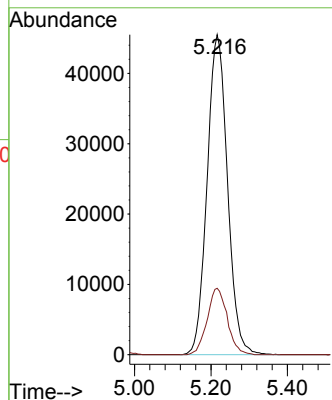
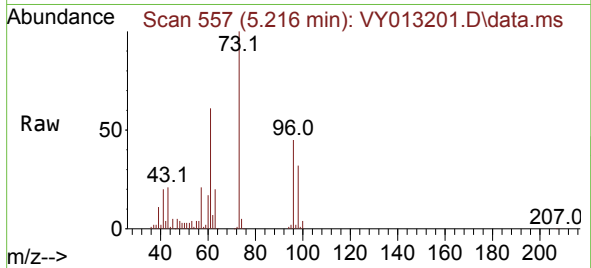
VSTDCCC050

Tgt Ion: 73 Resp: 168337

Ion Ratio Lower Upper

73 100

57 20.7 18.3 27.5



#20

Methylene Chloride

Concen: 47.338 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY013201.D

Acq: 05 Apr 2023 10:03

Tgt Ion: 84 Resp: 69711

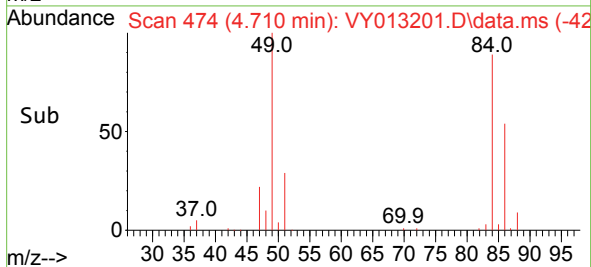
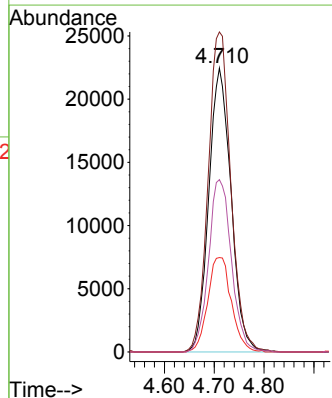
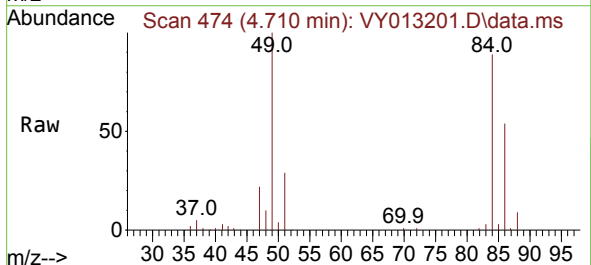
Ion Ratio Lower Upper

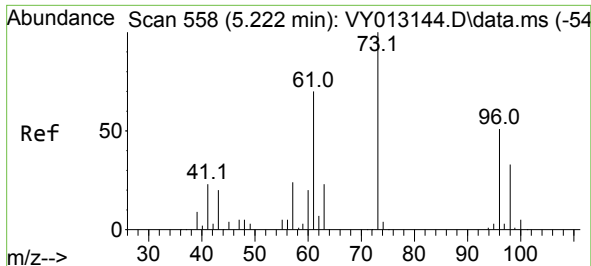
84 100

49 112.7 102.6 154.0

51 33.2 31.9 47.9

86 60.7 51.0 76.6

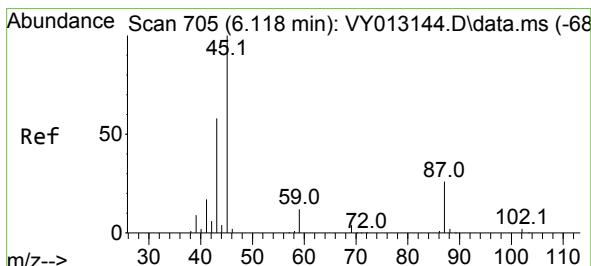
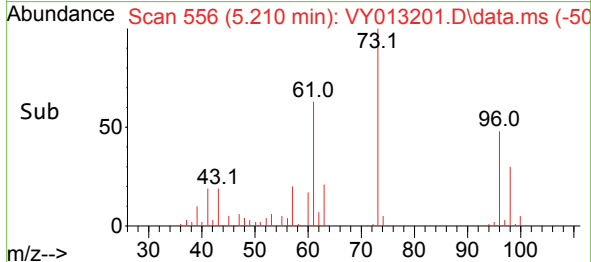
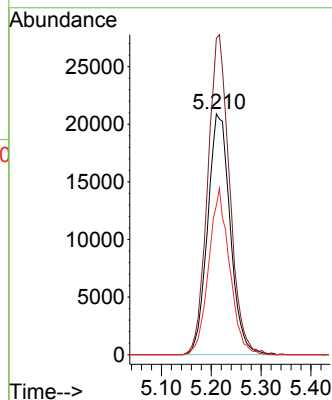
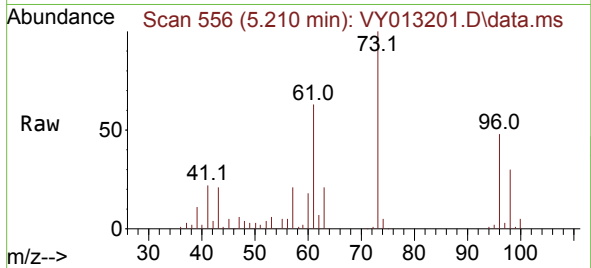




#21
trans-1,2-Dichloroethene
Concen: 46.501 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY013201.D
Acq: 05 Apr 2023 10:03

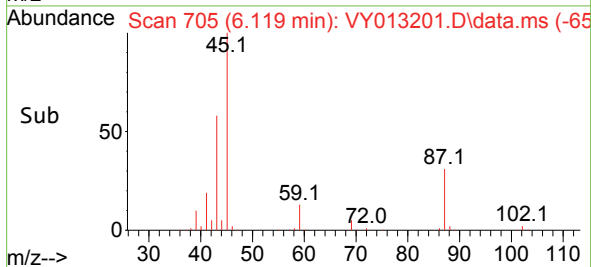
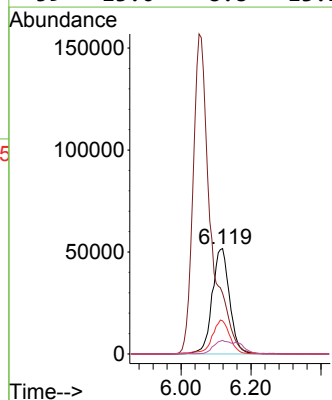
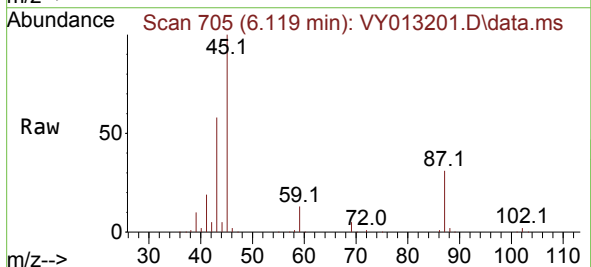
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

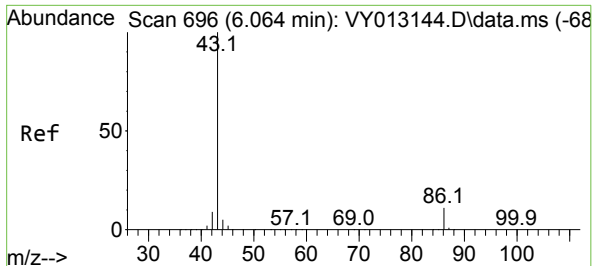
Tgt Ion: 96 Resp: 65725
Ion Ratio Lower Upper
96 100
61 131.4 111.4 167.0
98 62.0 50.8 76.2



#22
Diisopropyl ether
Concen: 42.522 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.001 min
Lab File: VY013201.D
Acq: 05 Apr 2023 10:03

Tgt Ion: 45 Resp: 177571
Ion Ratio Lower Upper
45 100
43 57.2 45.0 67.6
87 31.4 20.3 30.5#
59 13.0 8.8 13.2

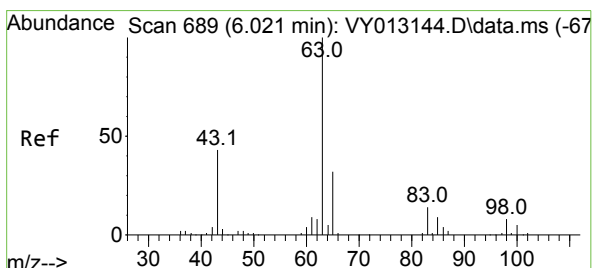
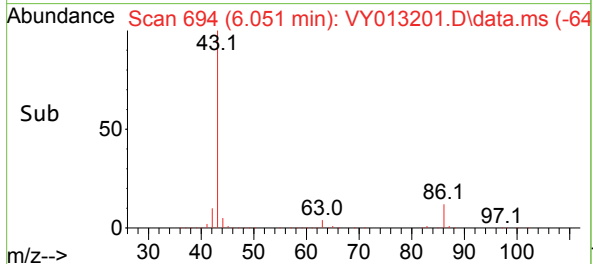
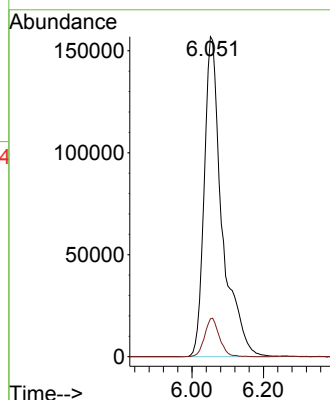
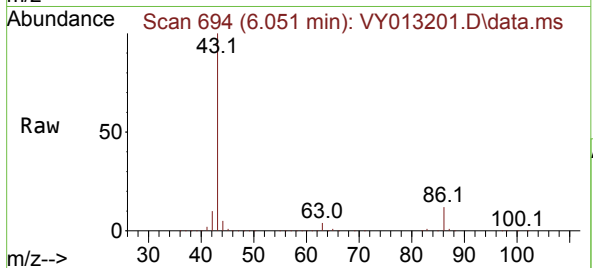




#23
 Vinyl Acetate
 Concen: 229.248 ug/l
 RT: 6.051 min Scan# 696
 Delta R.T. -0.013 min
 Lab File: VY013201.D
 Acq: 05 Apr 2023 10:03

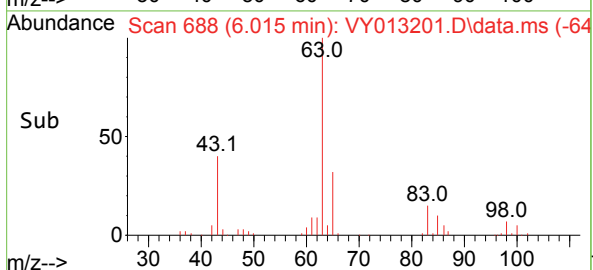
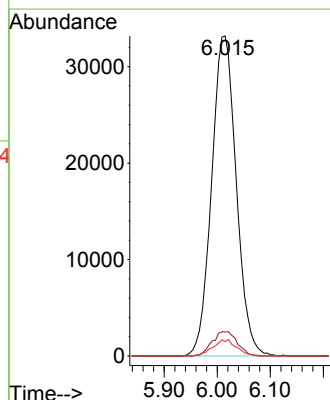
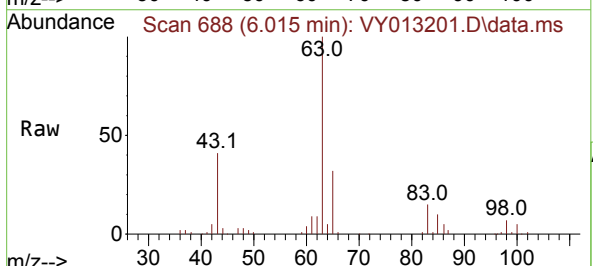
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

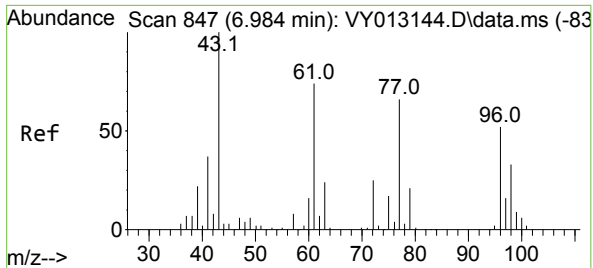
Tgt Ion: 43 Resp: 544403
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.8 11.8#



#24
 1,1-Dichloroethane
 Concen: 43.256 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY013201.D
 Acq: 05 Apr 2023 10:03

Tgt Ion: 63 Resp: 106981
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.7 11.1
 100 4.5 2.3 6.8

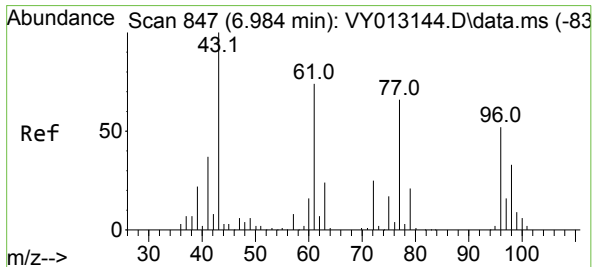
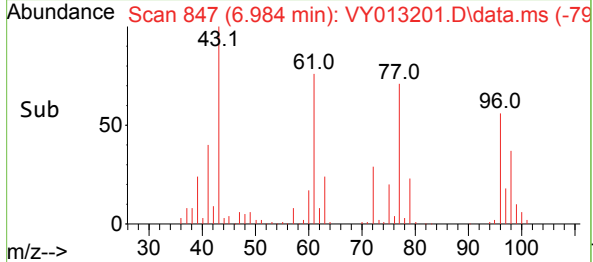
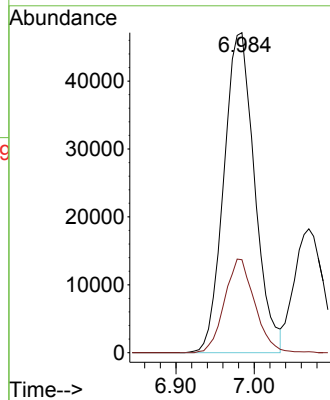
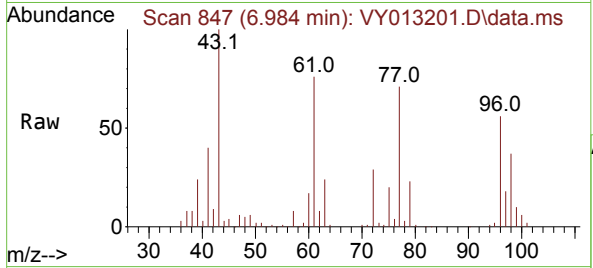




#25
2-Butanone
Concen: 242.780 ug/l
RT: 6.984 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY013201.D
Acq: 05 Apr 2023 10:03

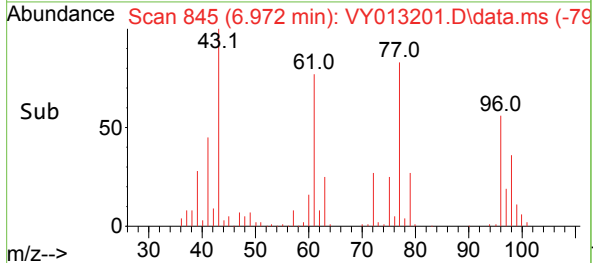
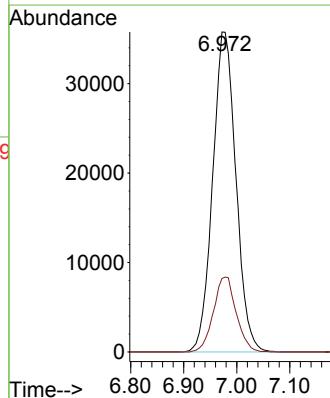
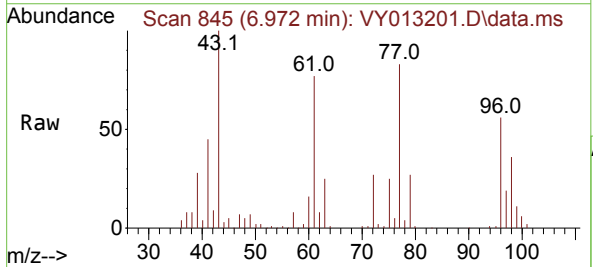
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

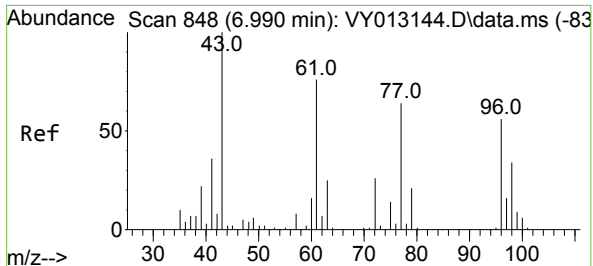
Tgt Ion: 43 Resp: 128724
Ion Ratio Lower Upper
43 100
72 29.1 21.0 31.4



#26
2,2-Dichloropropane
Concen: 48.923 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY013201.D
Acq: 05 Apr 2023 10:03

Tgt Ion: 77 Resp: 108831
Ion Ratio Lower Upper
77 100
97 22.9 11.7 35.0

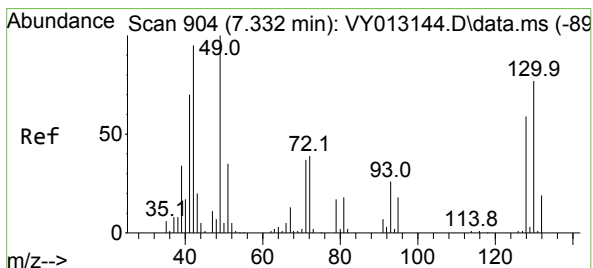
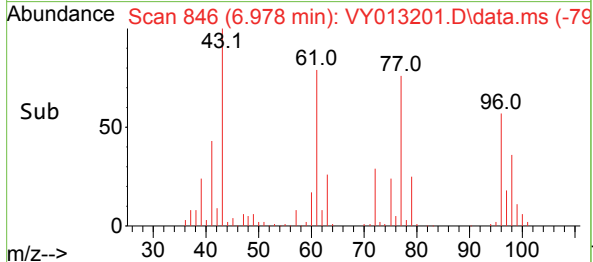
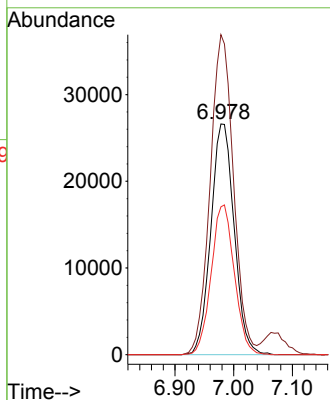
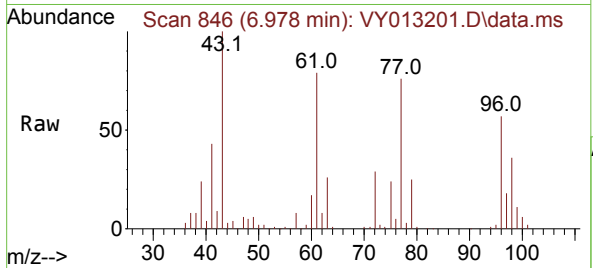




#27
 cis-1,2-Dichloroethene
 Concen: 48.220 ug/l
 RT: 6.978 min Scan# 848
 Delta R.T. -0.012 min
 Lab File: VY013201.D
 Acq: 05 Apr 2023 10:03

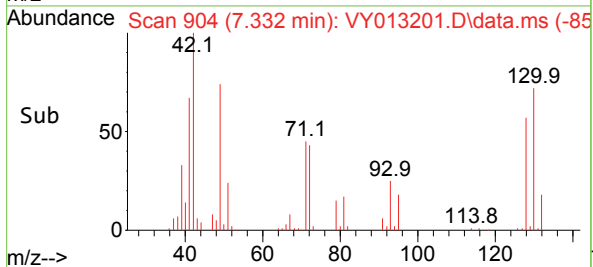
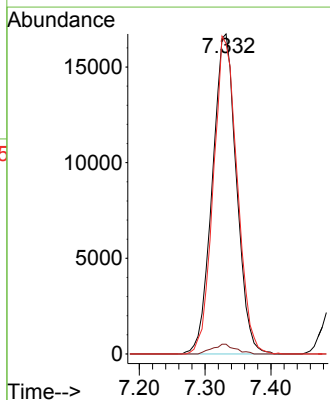
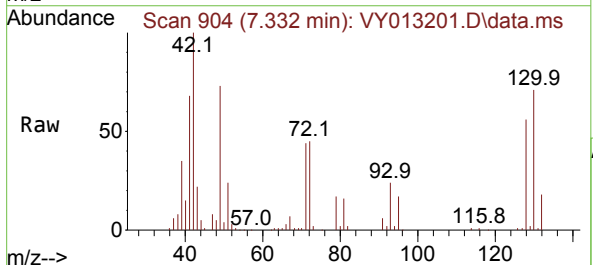
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

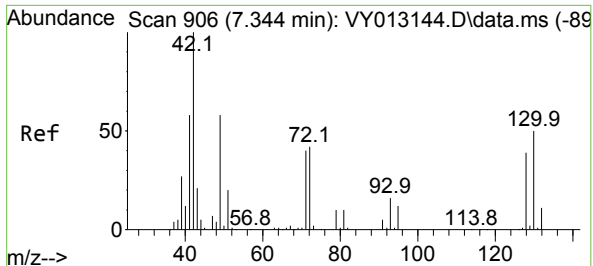
Tgt Ion: 96 Resp: 73426
 Ion Ratio Lower Upper
 96 100
 61 139.1 0.0 295.8
 98 64.5 0.0 130.2



#28
 Bromochloromethane
 Concen: 40.192 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY013201.D
 Acq: 05 Apr 2023 10:03

Tgt Ion: 49 Resp: 42654
 Ion Ratio Lower Upper
 49 100
 129 2.9 0.0 4.2
 130 98.1 60.5 90.7#





#29

Tetrahydrofuran

Concen: 235.572 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY013201.D

Acq: 05 Apr 2023 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

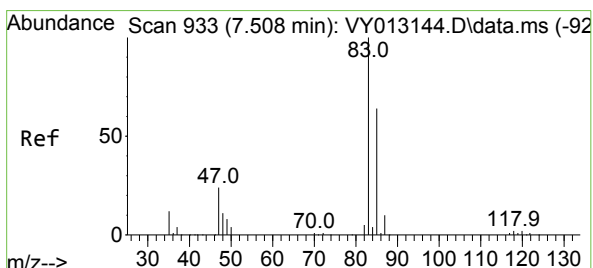
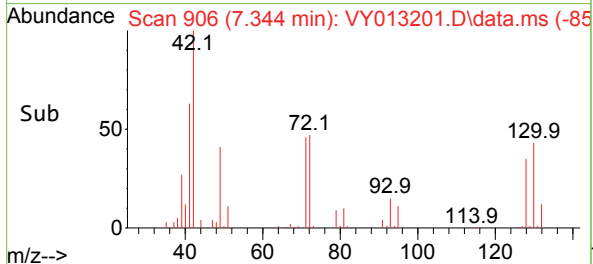
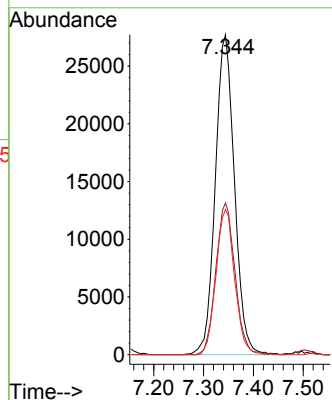
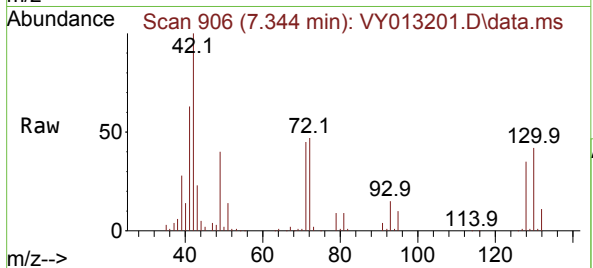
Tgt Ion: 42 Resp: 73938

Ion Ratio Lower Upper

42 100

72 47.3 32.3 48.5

71 44.2 30.3 45.5



#30

Chloroform

Concen: 48.914 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.001 min

Lab File: VY013201.D

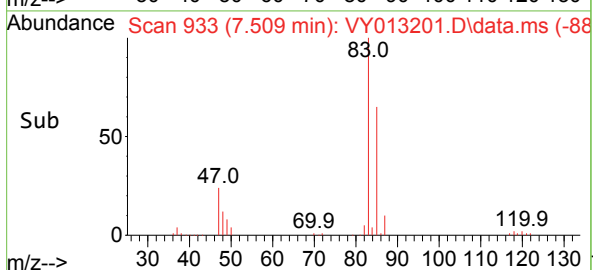
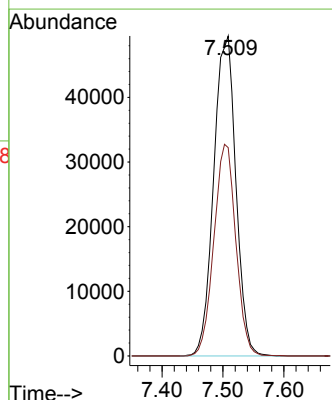
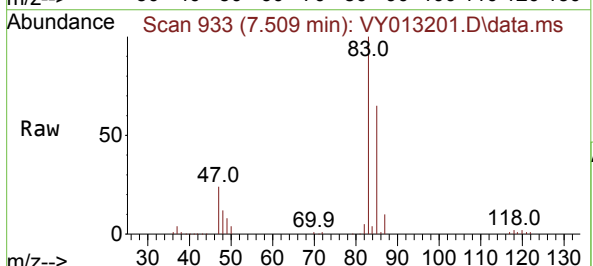
Acq: 05 Apr 2023 10:03

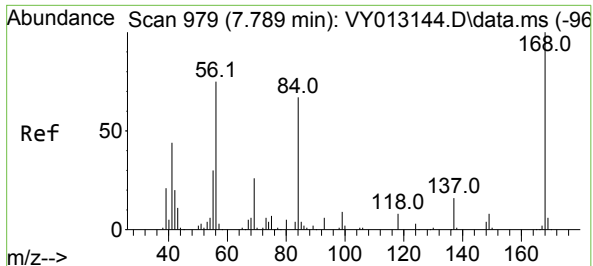
Tgt Ion: 83 Resp: 125275

Ion Ratio Lower Upper

83 100

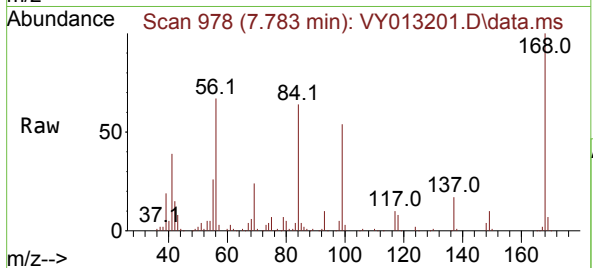
85 65.1 51.4 77.0



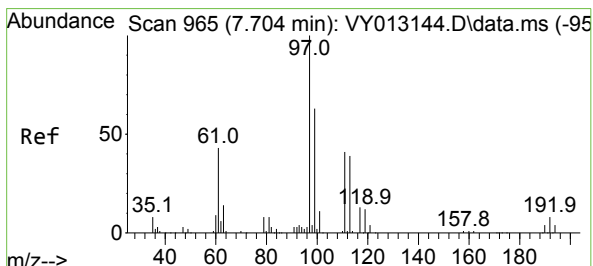
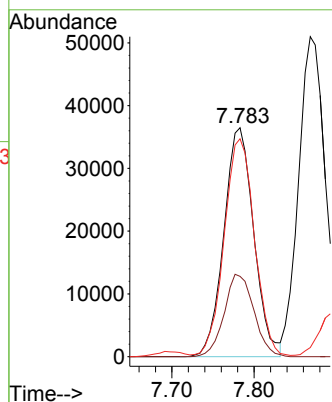
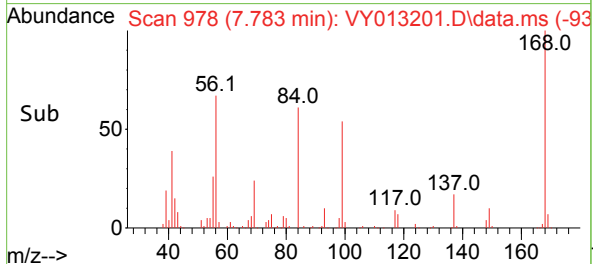


#31
Cyclohexane
Concen: 40.836 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013201.D
Acq: 05 Apr 2023 10:03

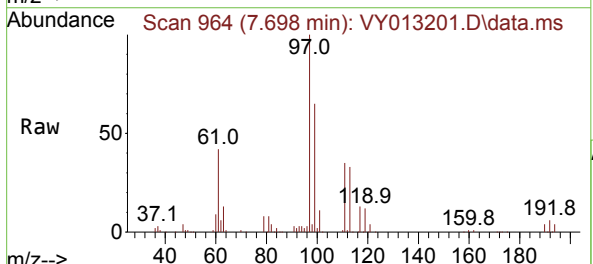
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



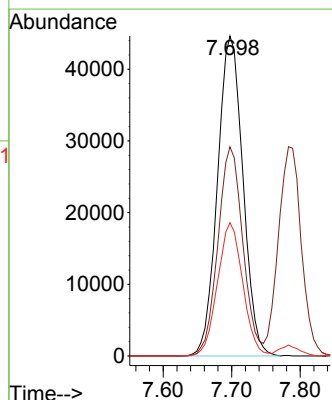
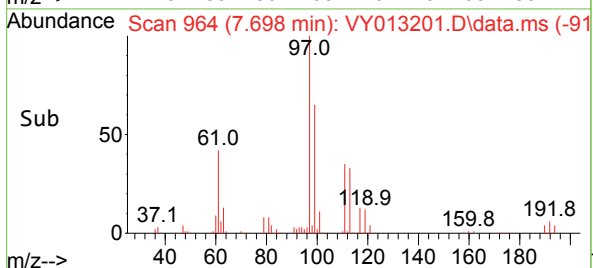
Tgt Ion: 56 Resp: 92446
Ion Ratio Lower Upper
56 100
69 35.1 25.7 38.5
84 93.8 64.3 96.5

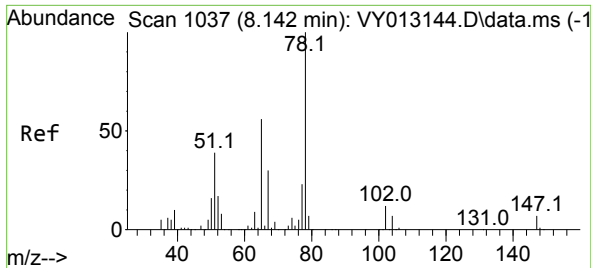


#32
1,1,1-Trichloroethane
Concen: 50.817 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY013201.D
Acq: 05 Apr 2023 10:03



Tgt Ion: 97 Resp: 115072
Ion Ratio Lower Upper
97 100
99 64.2 51.0 76.6
61 41.3 34.5 51.7

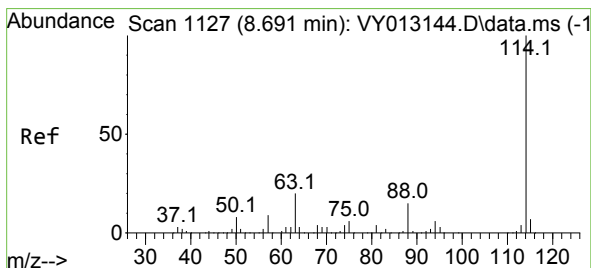
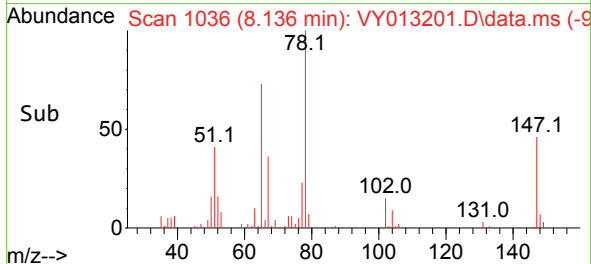
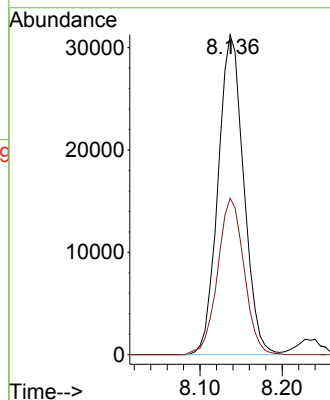
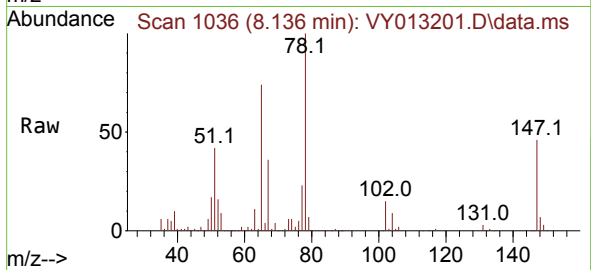




#33
 1,2-Dichloroethane-d4
 Concen: 48.931 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY013201.D
 Acq: 05 Apr 2023 10:03

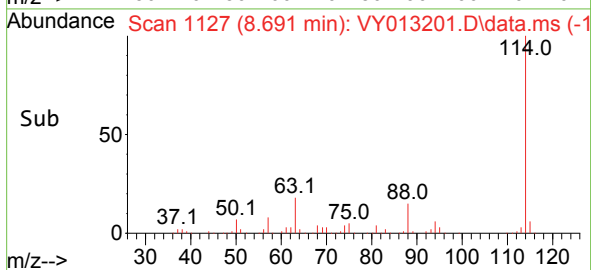
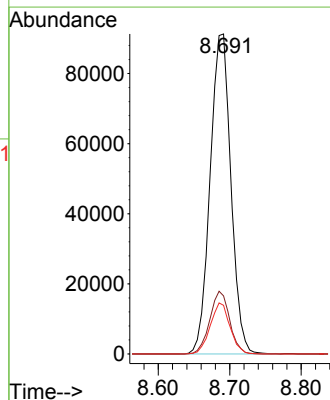
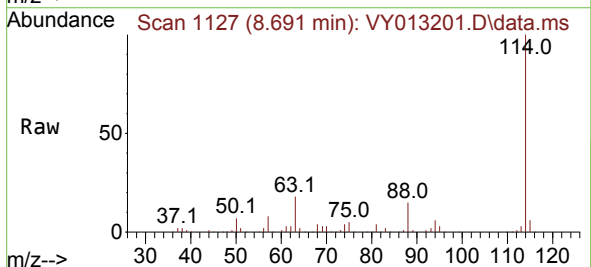
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

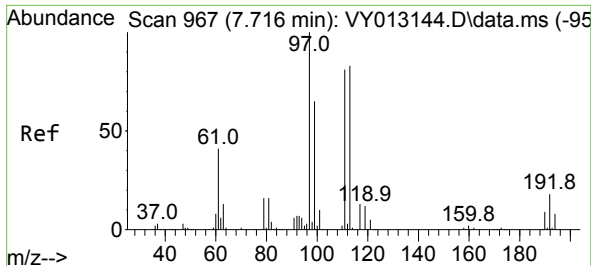
Tgt Ion: 65 Resp: 67852
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY013201.D
 Acq: 05 Apr 2023 10:03

Tgt Ion: 114 Resp: 184252
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 37.4
 88 15.2 0.0 28.6

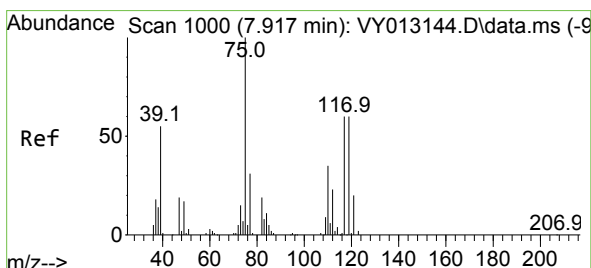
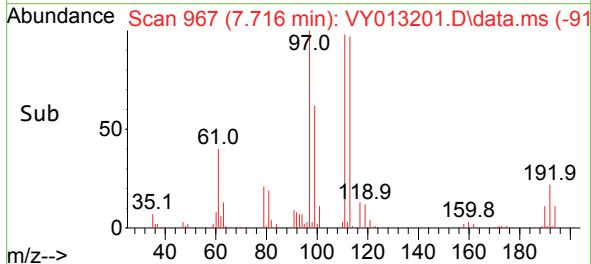
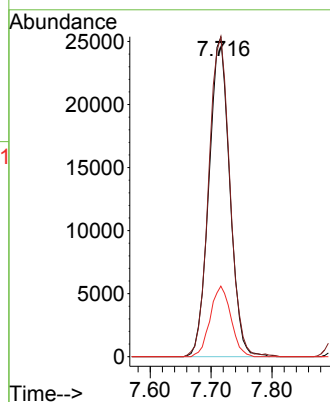
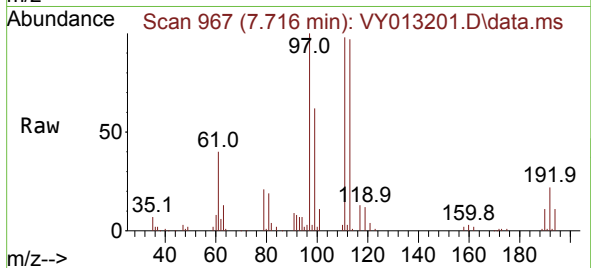




#35
Dibromofluoromethane
Concen: 49.774 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013201.D
Acq: 05 Apr 2023 10:03

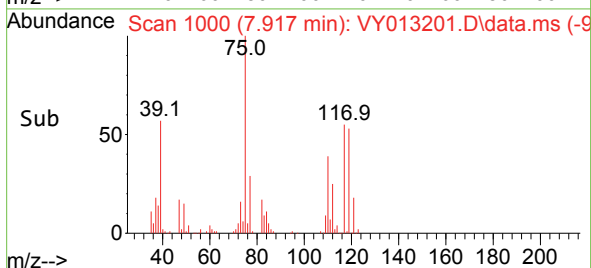
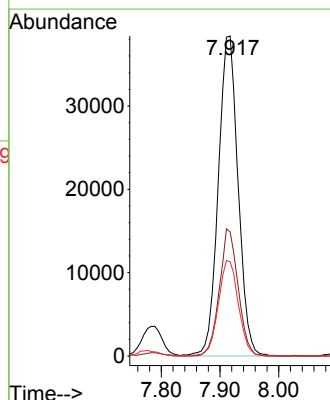
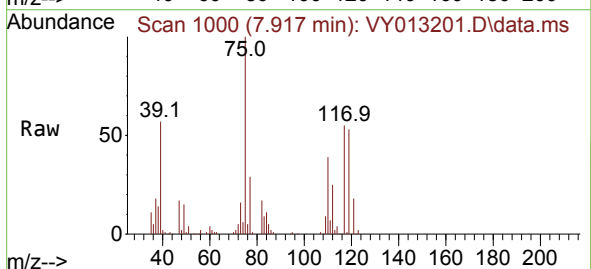
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

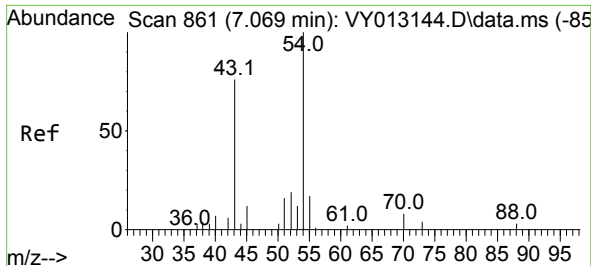
Tgt Ion:113 Resp: 59911
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 22.1 16.8 25.2



#36
1,1-Dichloropropene
Concen: 49.568 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY013201.D
Acq: 05 Apr 2023 10:03

Tgt Ion: 75 Resp: 89819
Ion Ratio Lower Upper
75 100
110 37.5 17.8 53.3
77 30.2 25.0 37.4





#37

Ethyl Acetate

Concen: 47.633 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.001 min

Lab File: VY013201.D

Acq: 05 Apr 2023 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

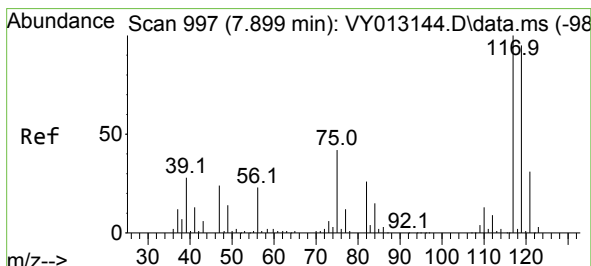
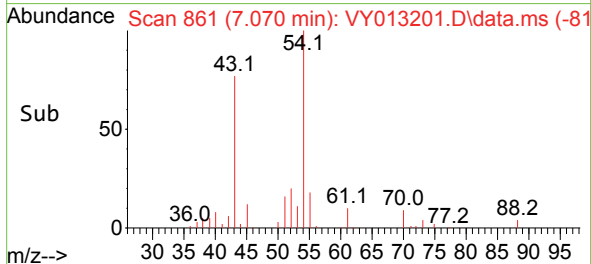
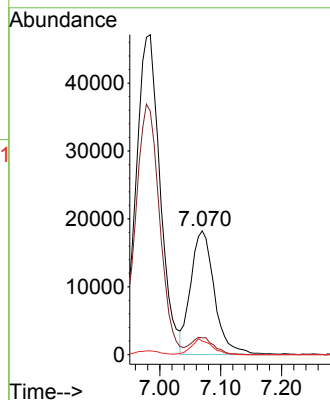
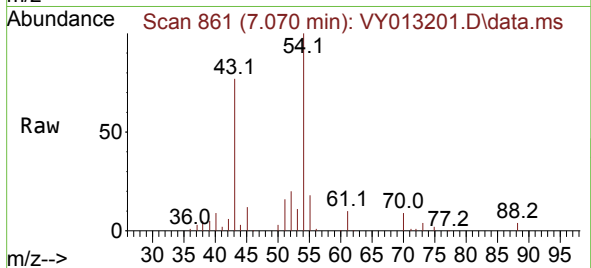
Tgt Ion: 43 Resp: 49031

Ion Ratio Lower Upper

43 100

61 13.9 10.7 16.1

70 11.0 7.8 11.8



#38

Carbon Tetrachloride

Concen: 55.157 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY013201.D

Acq: 05 Apr 2023 10:03

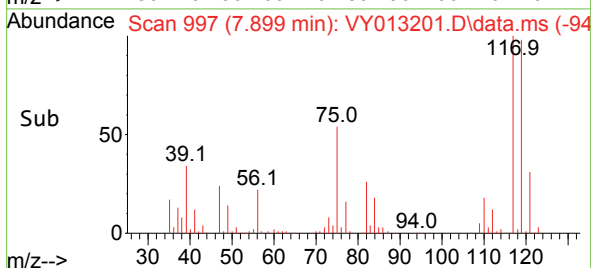
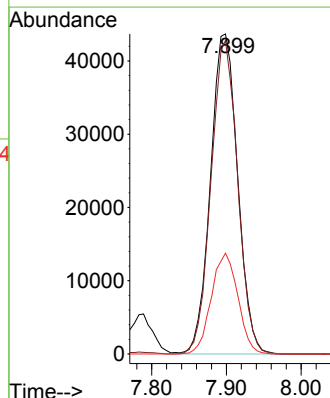
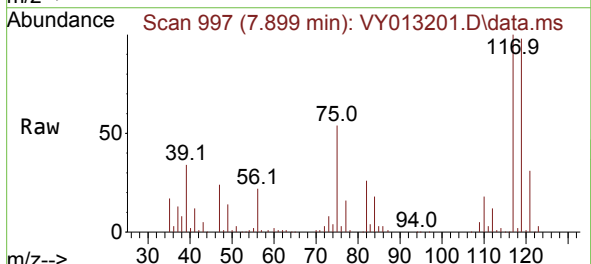
Tgt Ion: 117 Resp: 110277

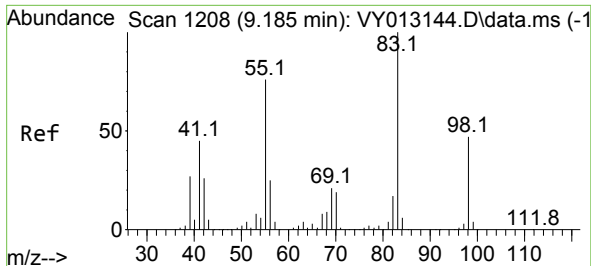
Ion Ratio Lower Upper

117 100

119 98.0 77.2 115.8

121 31.5 24.7 37.1





#39

Methylcyclohexane

Concen: 54.672 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013201.D

Acq: 05 Apr 2023 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

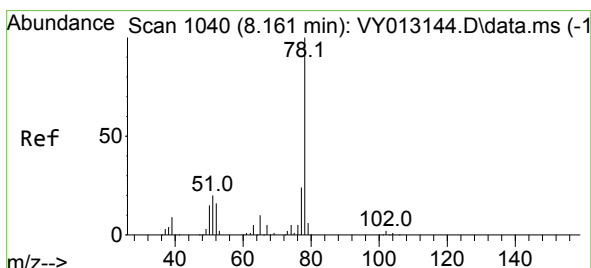
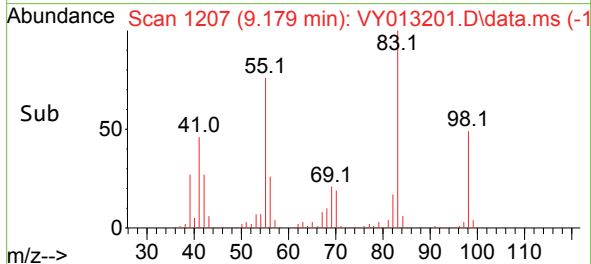
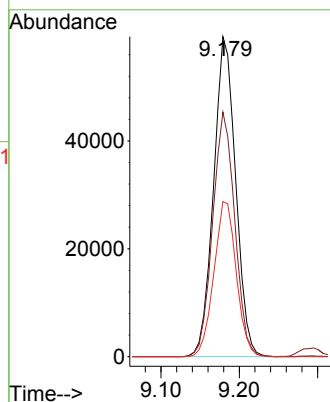
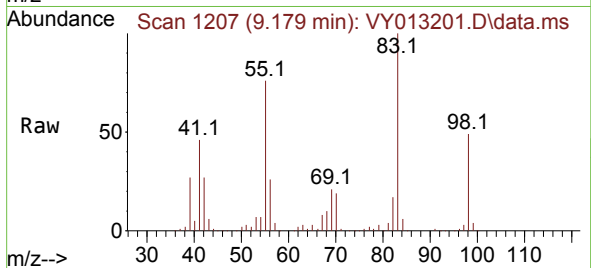
Tgt Ion: 83 Resp: 116223

Ion Ratio Lower Upper

83 100

55 76.4 60.0 90.0

98 48.5 38.3 57.5



#40

Benzene

Concen: 48.855 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY013201.D

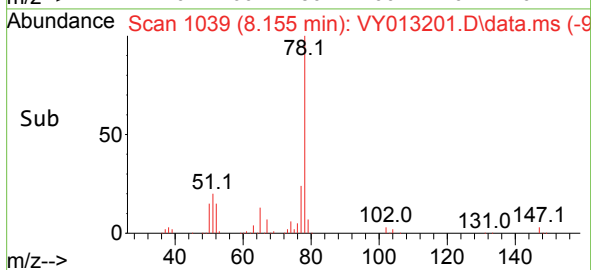
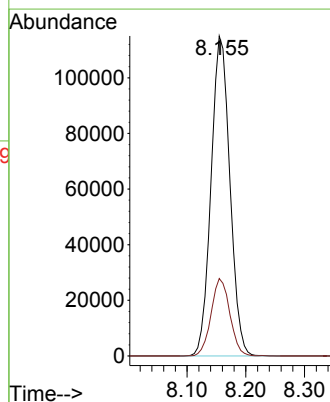
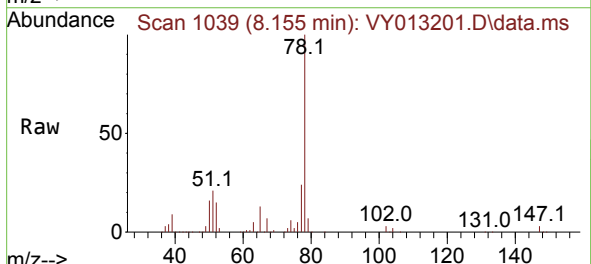
Acq: 05 Apr 2023 10:03

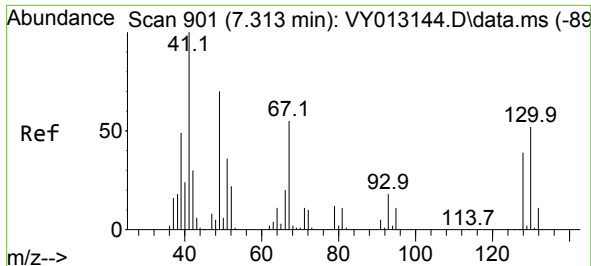
Tgt Ion: 78 Resp: 255691

Ion Ratio Lower Upper

78 100

77 24.2 19.4 29.0

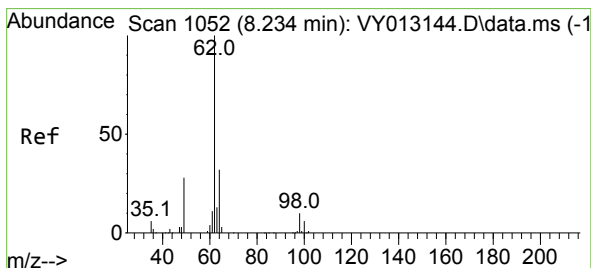
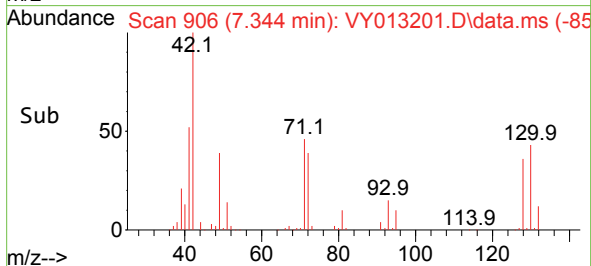
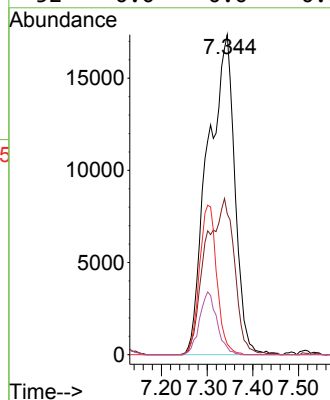
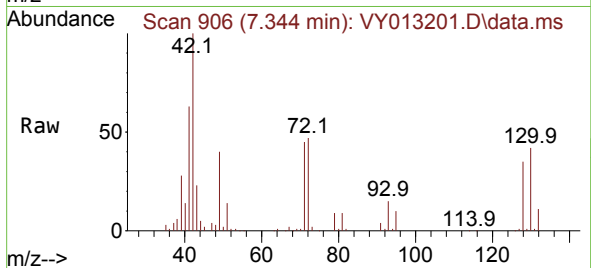




#41
Methacrylonitrile
Concen: 155.414 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.031 min
Lab File: VY013201.D
Acq: 05 Apr 2023 10:03

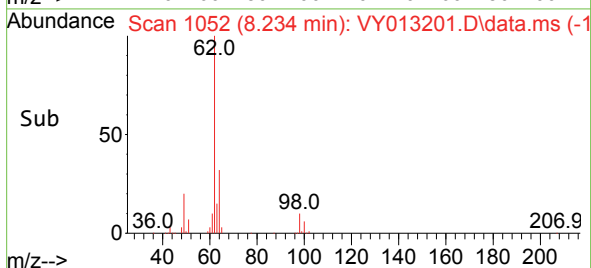
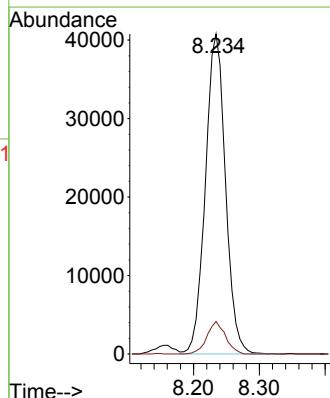
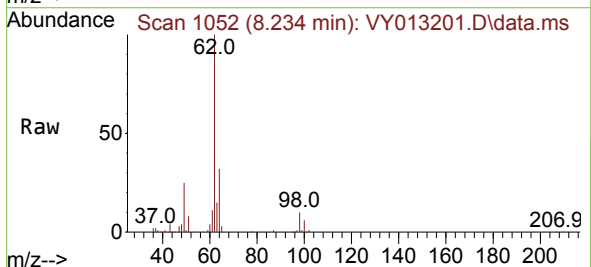
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

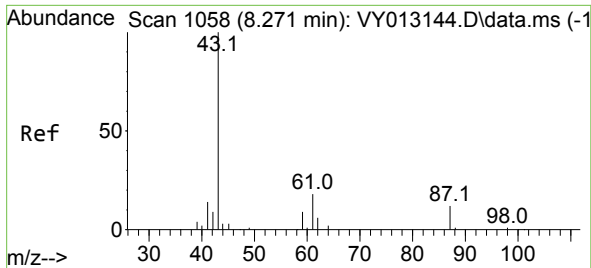
Tgt Ion:	41	Resp:	70970
Ion	Ratio	Lower	Upper
41	100		
39	52.4	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 54.051 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013201.D
Acq: 05 Apr 2023 10:03

Tgt Ion:	62	Resp:	86670
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.8

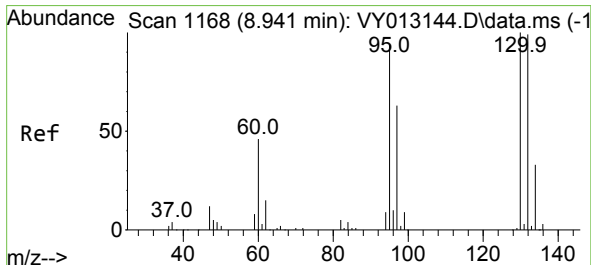
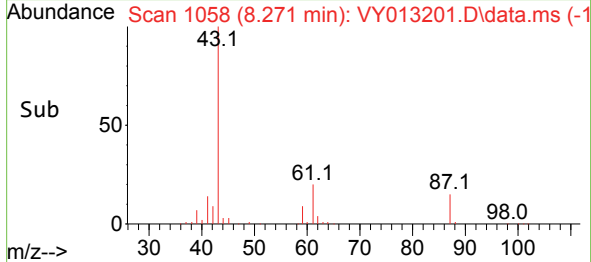
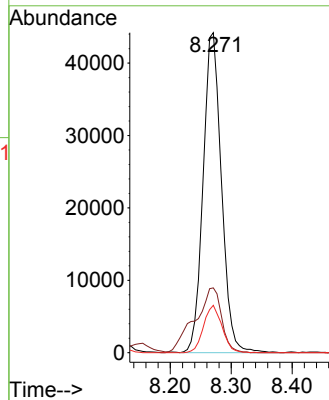
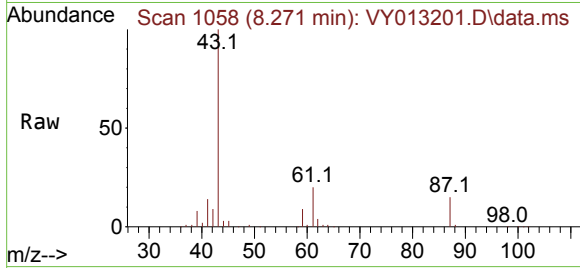




#43
Isopropyl Acetate
Concen: 50.257 ug/l
RT: 8.271 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY013201.D
Acq: 05 Apr 2023 10:03

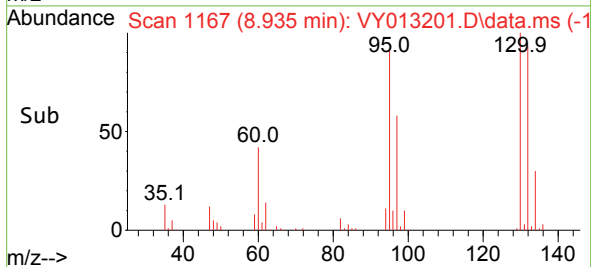
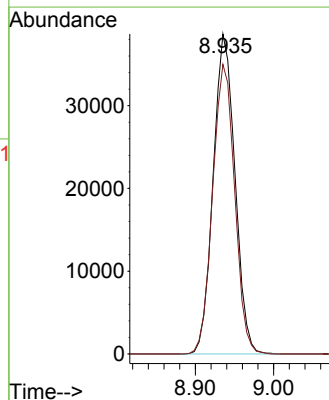
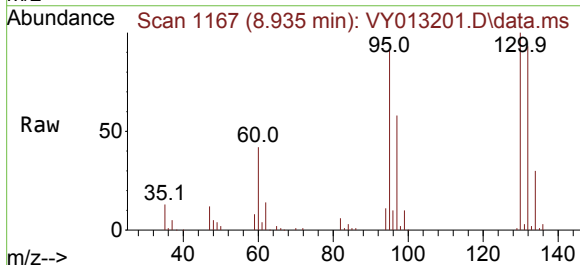
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

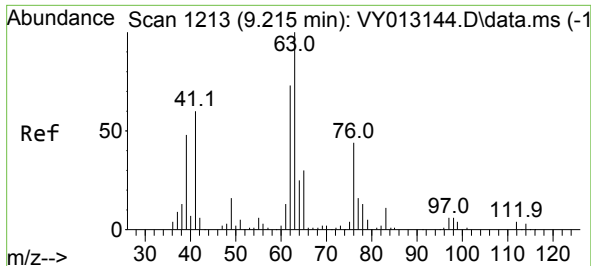
Tgt Ion: 43	Resp: 92599
Ion Ratio	Lower Upper
43 100	
61 29.4	21.6 32.4
87 14.9	9.9 14.9



#44
Trichloroethene
Concen: 51.816 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY013201.D
Acq: 05 Apr 2023 10:03

Tgt Ion:130	Resp: 74654
Ion Ratio	Lower Upper
130 100	
95 90.5	0.0 185.0





#45

1,2-Dichloropropane

Concen: 54.158 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013201.D

Acq: 05 Apr 2023 10:03

Instrument :

MSVOA_Y

ClientSampleId :

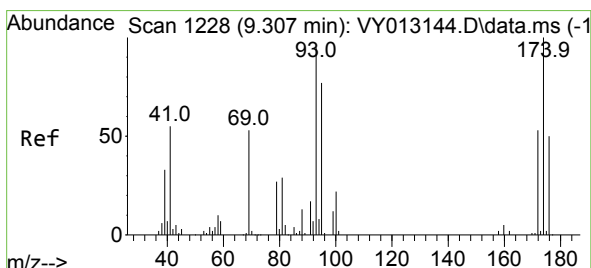
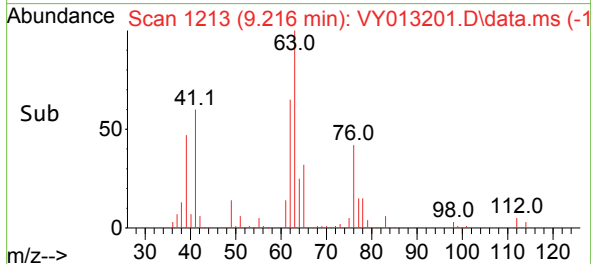
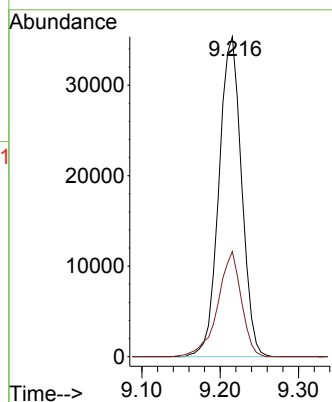
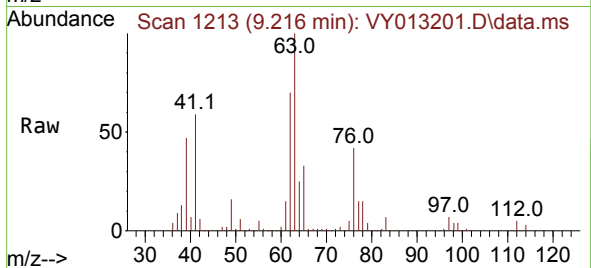
VSTDCCC050

Tgt Ion: 63 Resp: 70977

Ion Ratio Lower Upper

63 100

65 32.9 25.7 38.5



#46

Dibromomethane

Concen: 53.488 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY013201.D

Acq: 05 Apr 2023 10:03

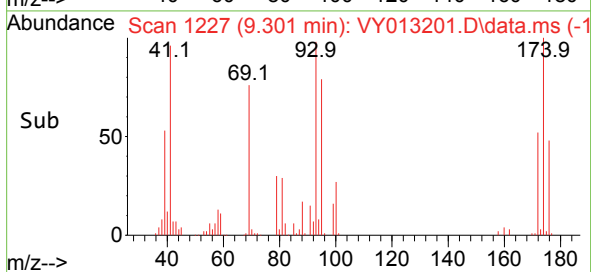
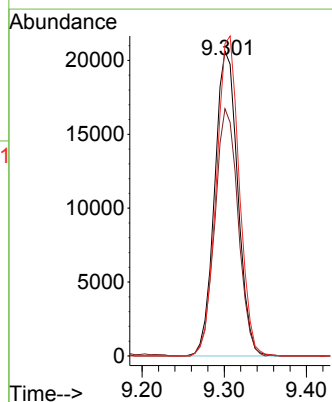
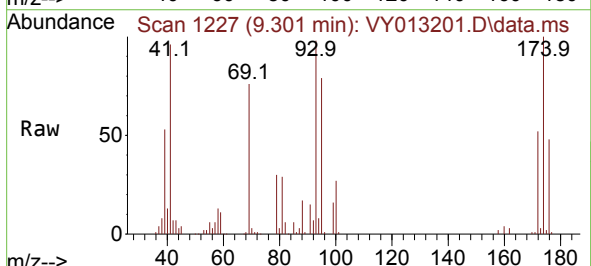
Tgt Ion: 93 Resp: 40269

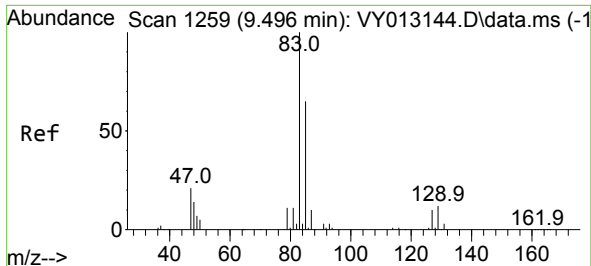
Ion Ratio Lower Upper

93 100

95 81.7 65.6 98.4

174 103.7 81.3 121.9

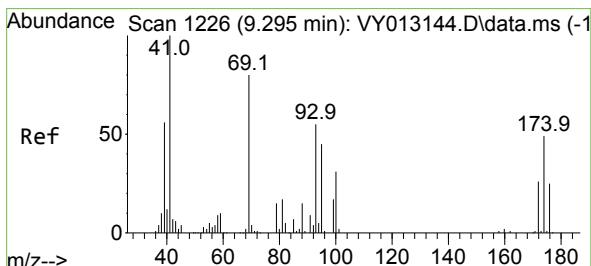
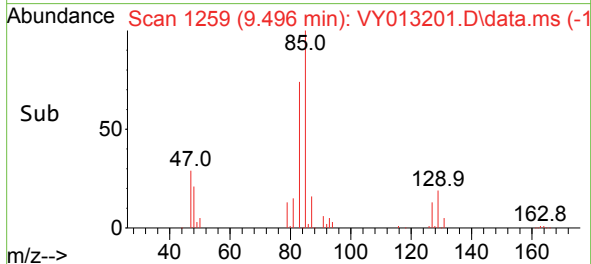
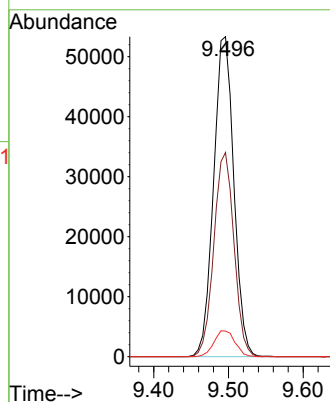
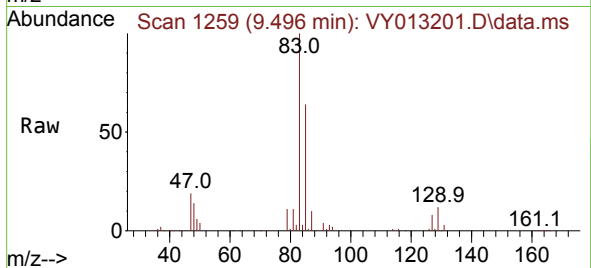




#47
Bromodichloromethane
Concen: 55.296 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY013201.D
Acq: 05 Apr 2023 10:03

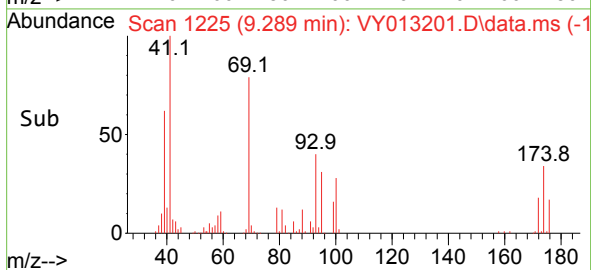
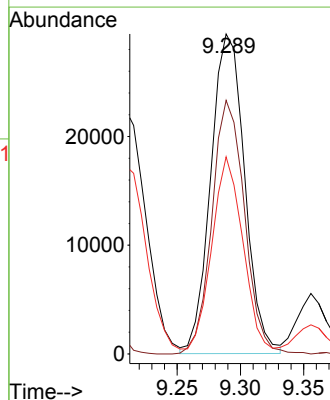
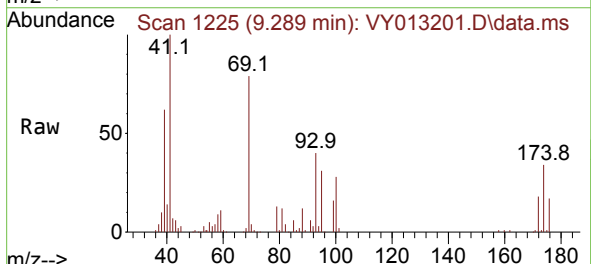
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

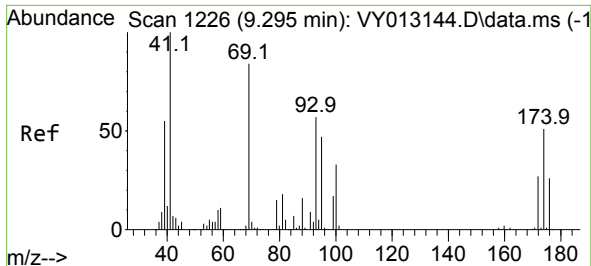
Tgt Ion: 83 Resp: 100448
Ion Ratio Lower Upper
83 100
85 63.8 50.2 75.4
127 8.0 6.3 9.5



#48
Methyl methacrylate
Concen: 63.954 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY013201.D
Acq: 05 Apr 2023 10:03

Tgt Ion: 41 Resp: 54879
Ion Ratio Lower Upper
41 100
69 76.3 64.1 96.1
39 54.4 44.0 66.0





#49

1,4-Dioxane

Concen: 1162.754 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY013201.D

Acq: 05 Apr 2023 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

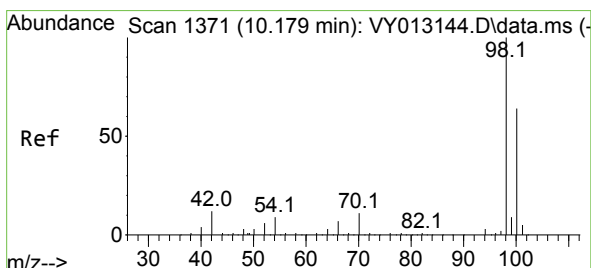
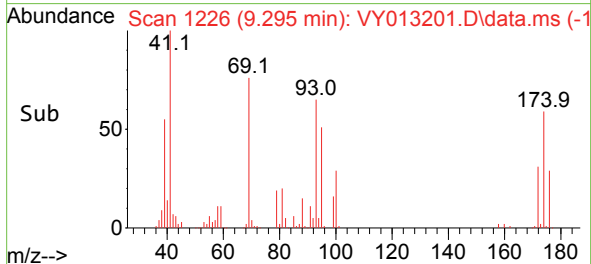
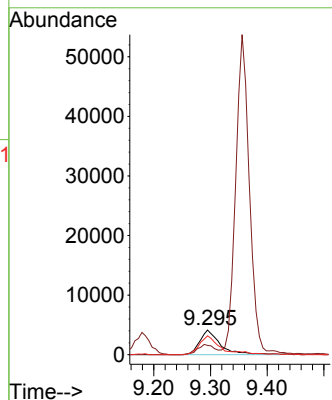
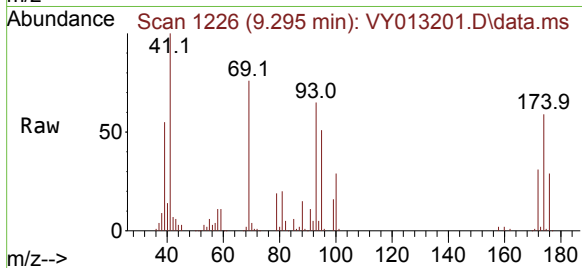
Tgt Ion: 88 Resp: 10414

Ion Ratio Lower Upper

88 100

43 33.6 28.6 42.8

58 69.1 55.2 82.8



#50

Toluene-d8

Concen: 49.514 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013201.D

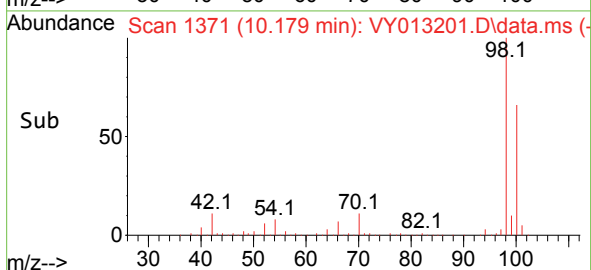
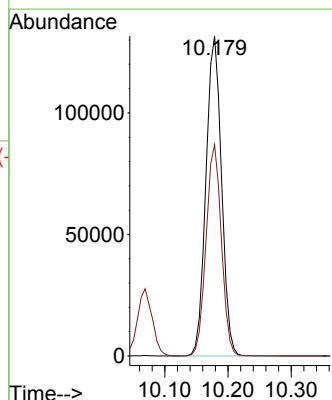
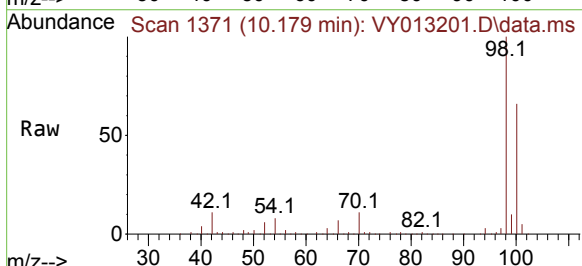
Acq: 05 Apr 2023 10:03

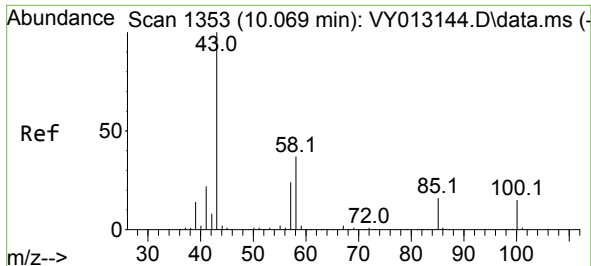
Tgt Ion: 98 Resp: 224992

Ion Ratio Lower Upper

98 100

100 65.0 50.9 76.3

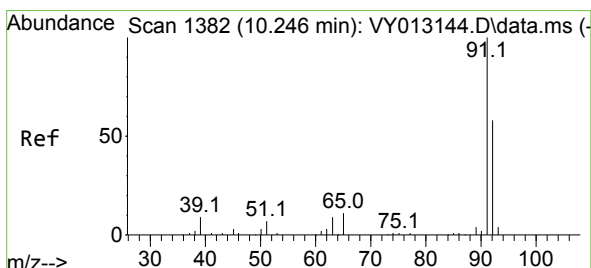
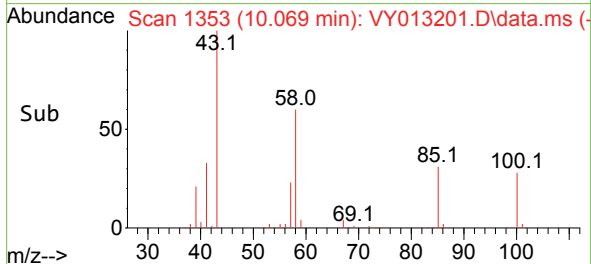
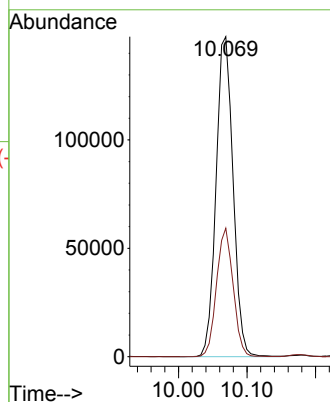
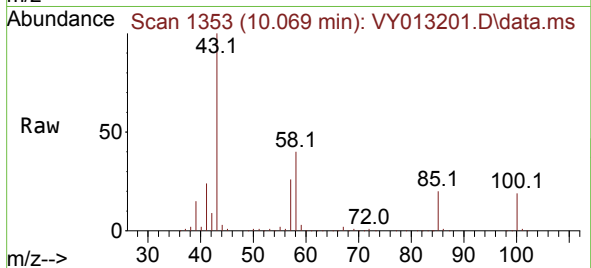




#51
4-Methyl-2-Pentanone
Concen: 255.283 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013201.D
Acq: 05 Apr 2023 10:03

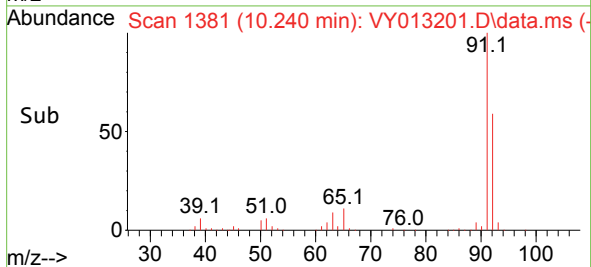
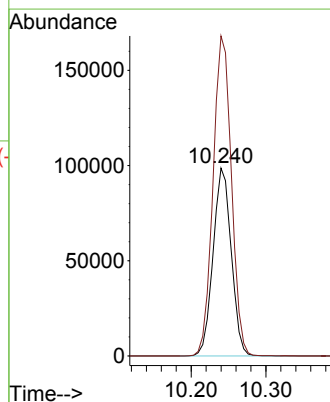
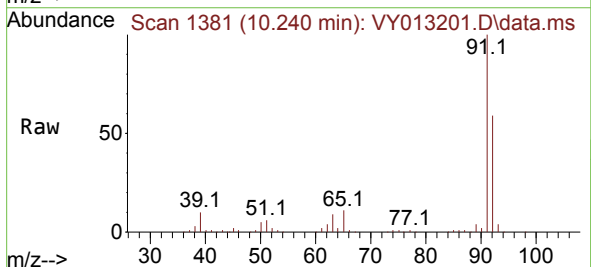
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

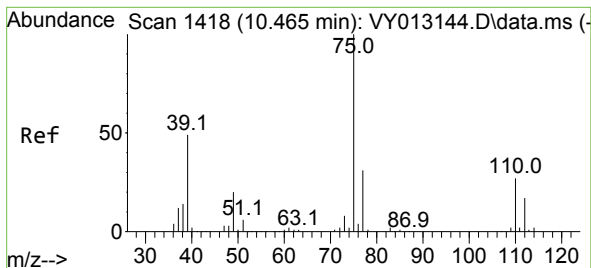
Tgt Ion: 43 Resp: 253849
Ion Ratio Lower Upper
43 100
58 39.1 29.8 44.6



#52
Toluene
Concen: 51.434 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY013201.D
Acq: 05 Apr 2023 10:03

Tgt Ion: 92 Resp: 166979
Ion Ratio Lower Upper
92 100
91 172.5 141.3 211.9

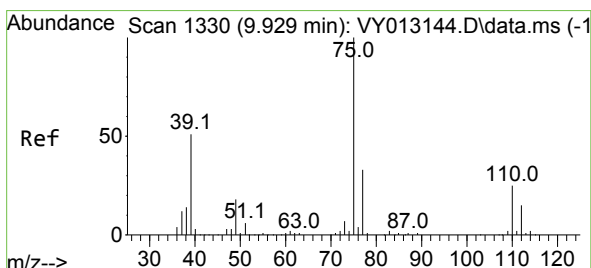
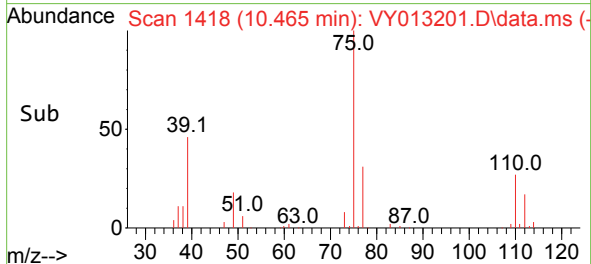
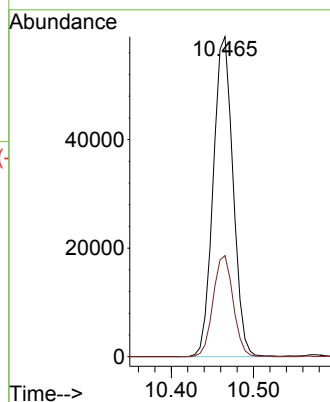
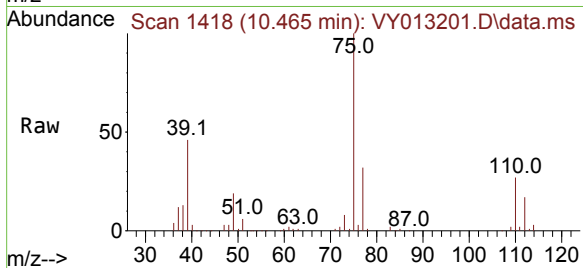




#53
 t-1,3-Dichloropropene
 Concen: 53.234 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY013201.D
 Acq: 05 Apr 2023 10:03

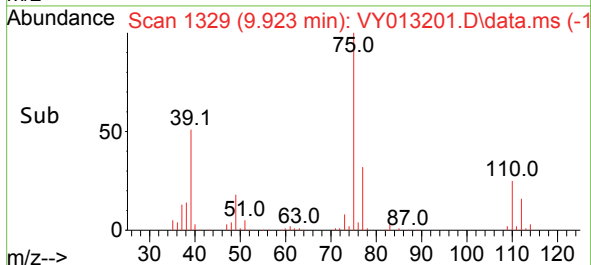
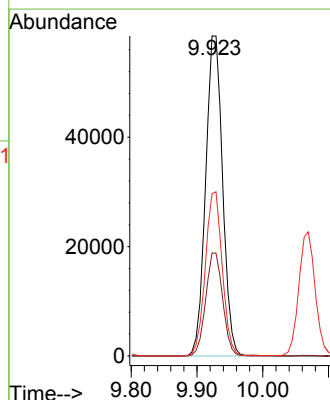
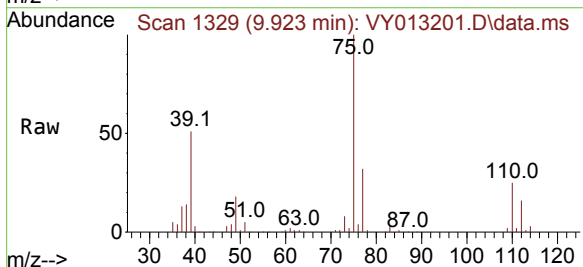
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

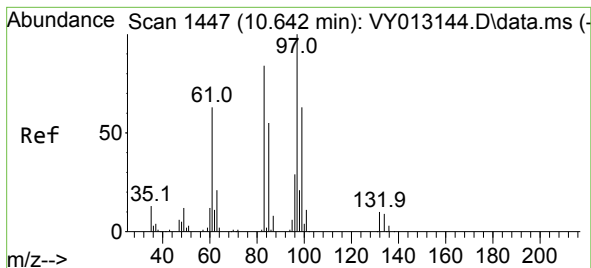
Tgt Ion: 75 Resp: 98842
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 49.630 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: VY013201.D
 Acq: 05 Apr 2023 10:03

Tgt Ion: 75 Resp: 105243
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.4 38.0
 39 50.7 39.0 58.4

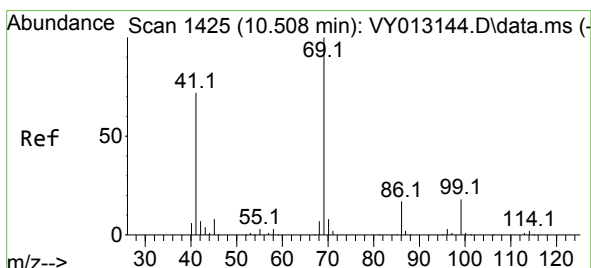
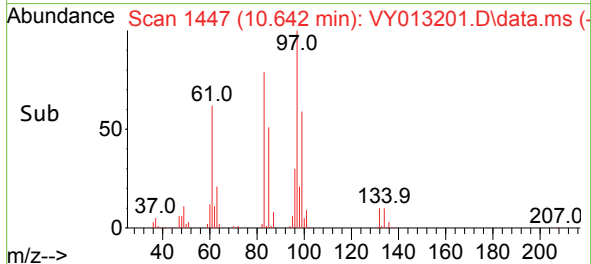
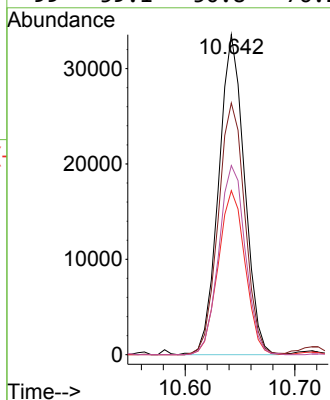
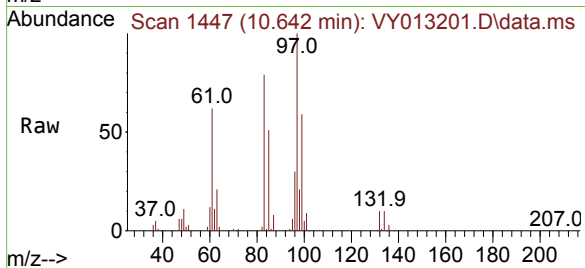




#55
1,1,2-Trichloroethane
Concen: 52.697 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY013201.D
Acq: 05 Apr 2023 10:03

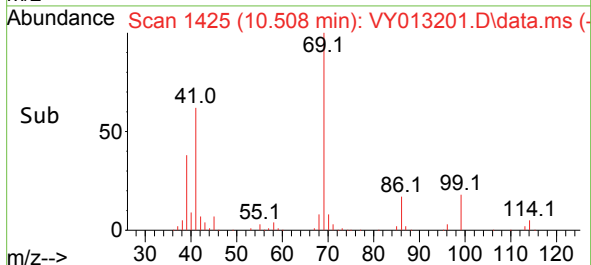
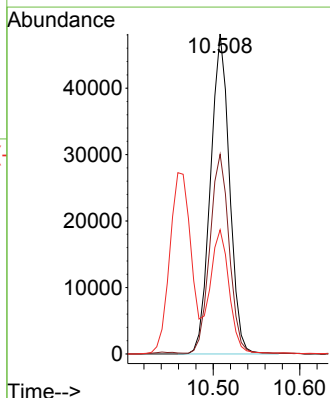
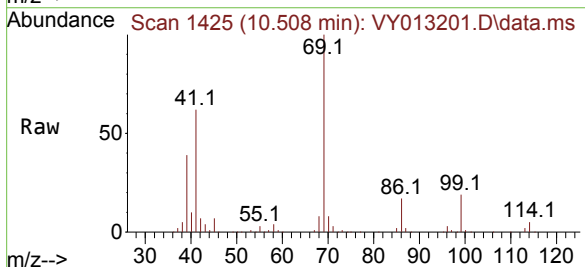
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

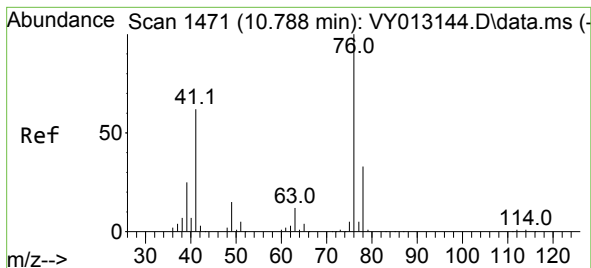
Tgt Ion: 97	Resp: 54840
Ion Ratio	Lower Upper
97 100	
83 78.6	69.0 103.6
85 51.2	44.9 67.3
99 59.1	50.8 76.2



#56
Ethyl methacrylate
Concen: 56.184 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY013201.D
Acq: 05 Apr 2023 10:03

Tgt Ion: 69	Resp: 73512
Ion Ratio	Lower Upper
69 100	
41 64.1	56.4 84.6
39 38.7	30.8 46.2





#57

1,3-Dichloropropane

Concen: 50.769 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013201.D

Acq: 05 Apr 2023 10:03

Instrument :

MSVOA_Y

ClientSampleId :

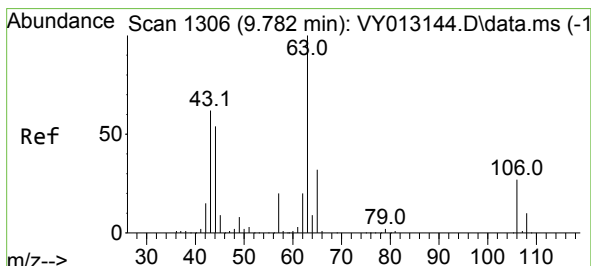
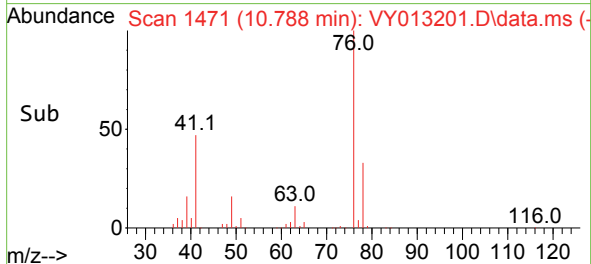
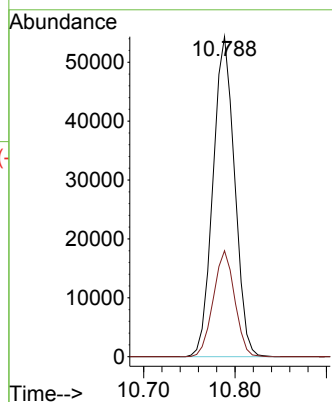
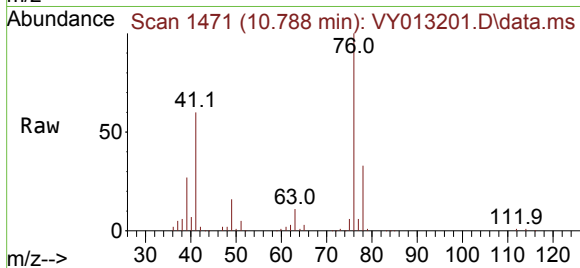
VSTDCCC050

Tgt Ion: 76 Resp: 89191

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 285.238 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY013201.D

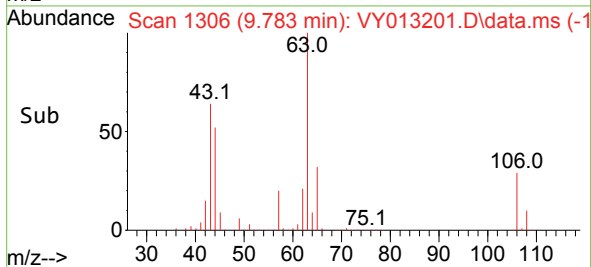
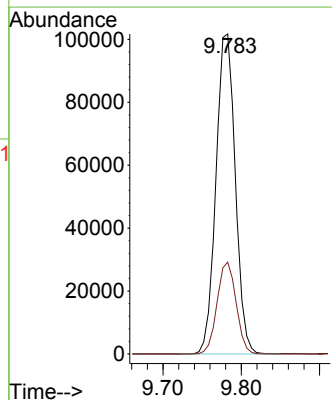
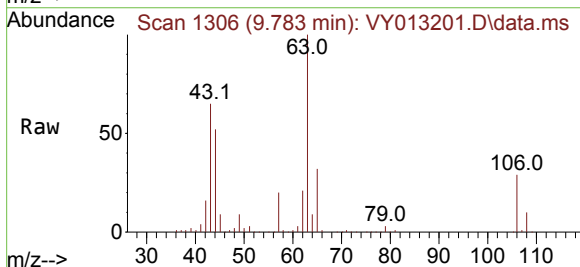
Acq: 05 Apr 2023 10:03

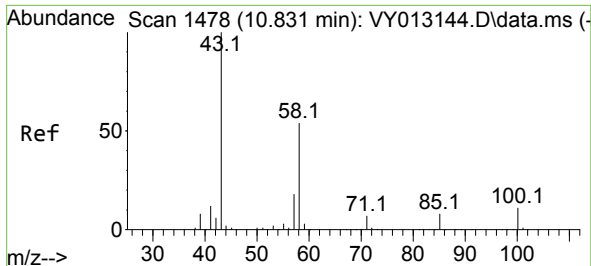
Tgt Ion: 63 Resp: 174508

Ion Ratio Lower Upper

63 100

106 28.2 22.1 33.1

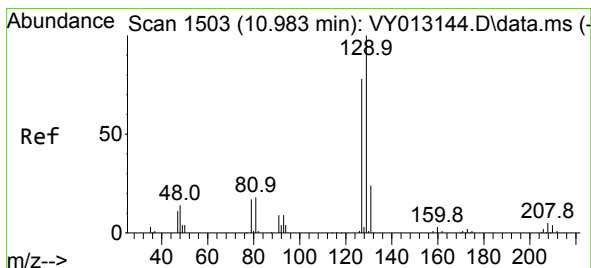
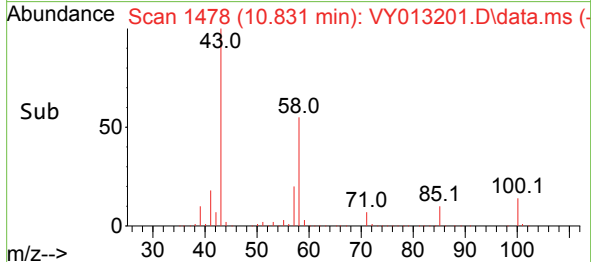
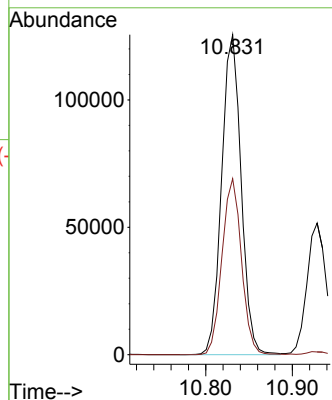
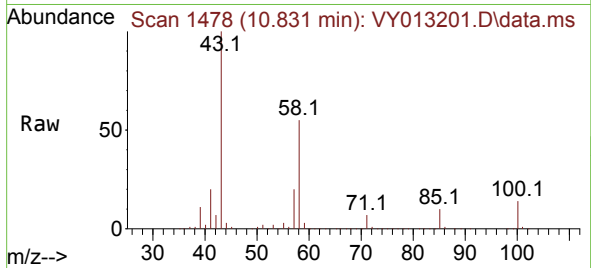




#59
2-Hexanone
Concen: 272.756 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013201.D
Acq: 05 Apr 2023 10:03

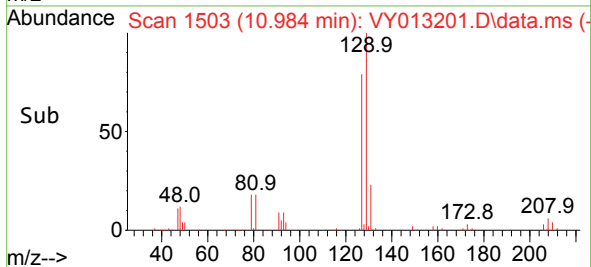
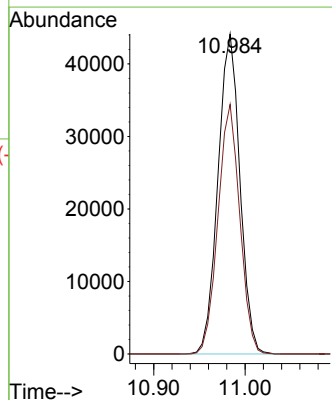
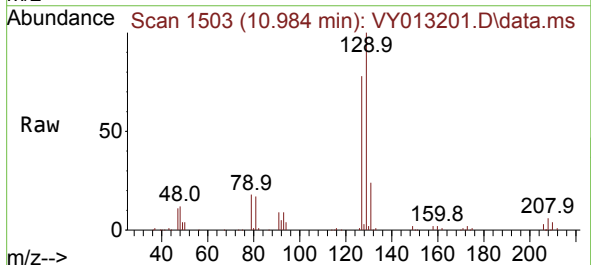
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

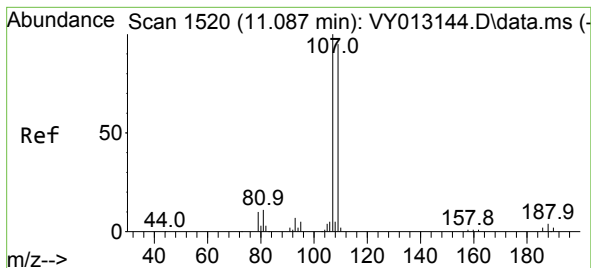
Tgt Ion: 43 Resp: 196156
Ion Ratio Lower Upper
43 100
58 54.9 25.9 77.8



#60
Dibromochloromethane
Concen: 56.415 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY013201.D
Acq: 05 Apr 2023 10:03

Tgt Ion: 129 Resp: 73738
Ion Ratio Lower Upper
129 100
127 77.3 38.7 116.1

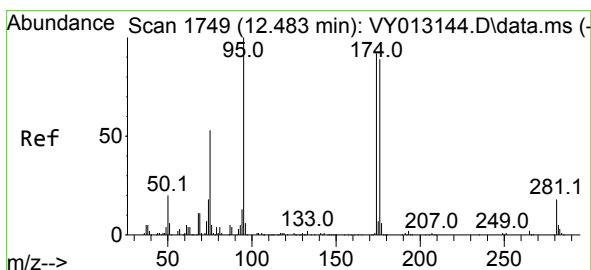
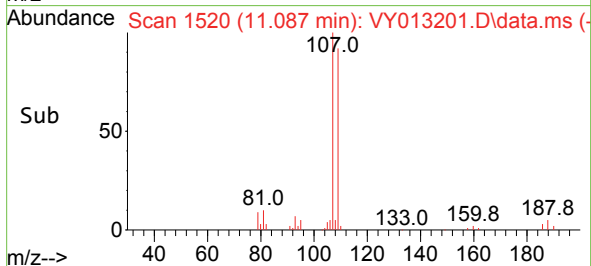
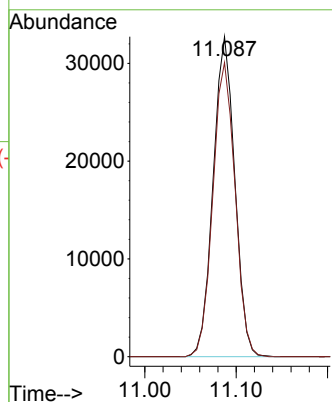
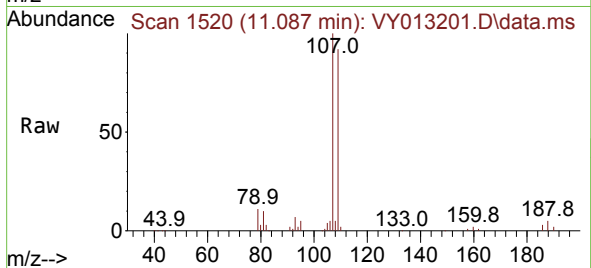




#61
1,2-Dibromoethane
Concen: 53.392 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013201.D
Acq: 05 Apr 2023 10:03

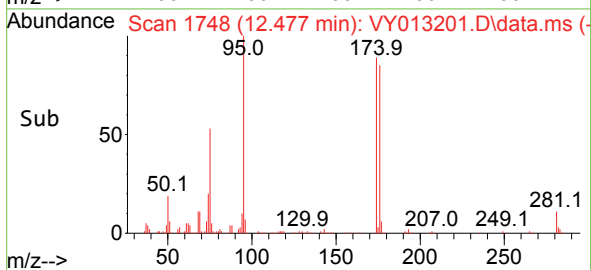
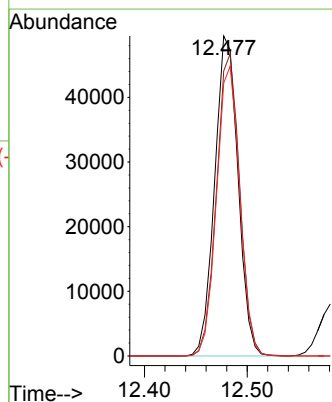
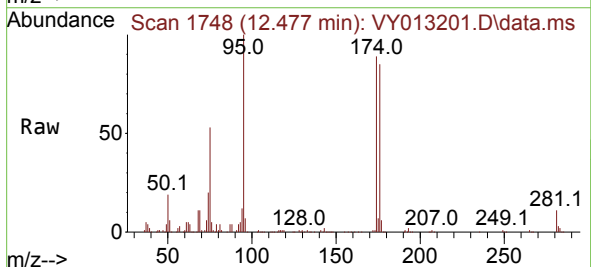
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

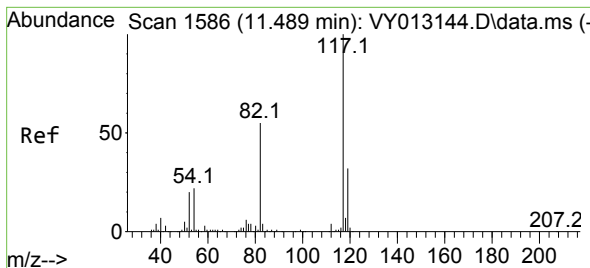
Tgt Ion:107 Resp: 53836
Ion Ratio Lower Upper
107 100
109 94.2 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 52.755 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013201.D
Acq: 05 Apr 2023 10:03

Tgt Ion: 95 Resp: 78028
Ion Ratio Lower Upper
95 100
174 94.0 0.0 176.6
176 90.3 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY013201.D

Acq: 05 Apr 2023 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

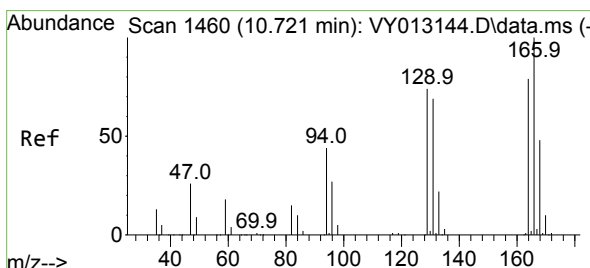
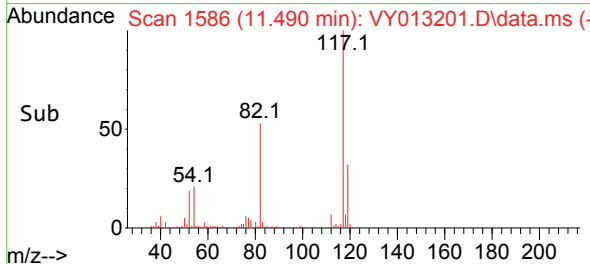
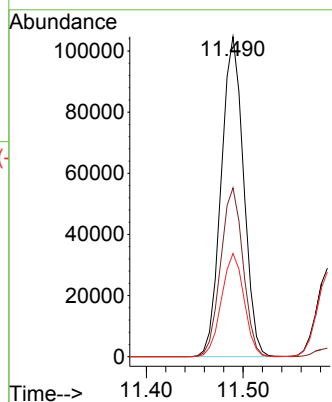
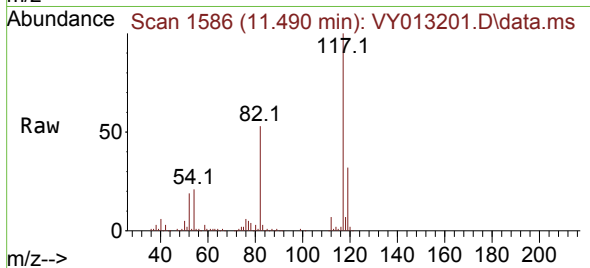
Tgt Ion:117 Resp: 167913

Ion Ratio Lower Upper

117 100

82 52.8 45.4 68.0

119 32.3 25.6 38.4



#64

Tetrachloroethene

Concen: 53.930 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY013201.D

Acq: 05 Apr 2023 10:03

Tgt Ion:164 Resp: 69618

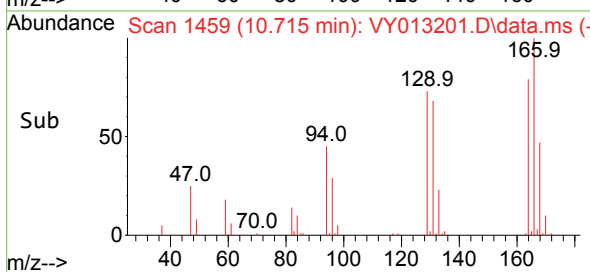
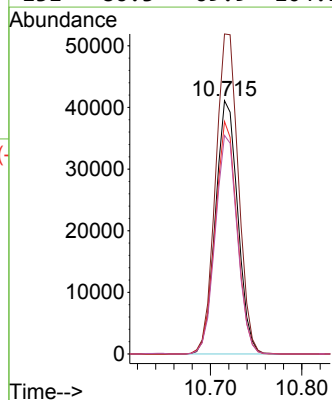
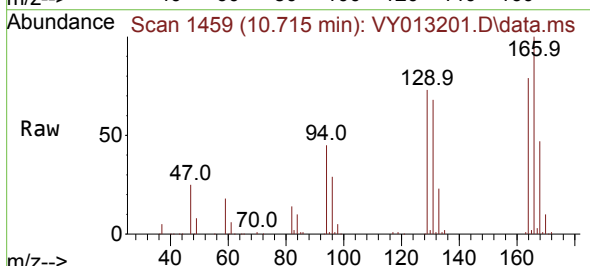
Ion Ratio Lower Upper

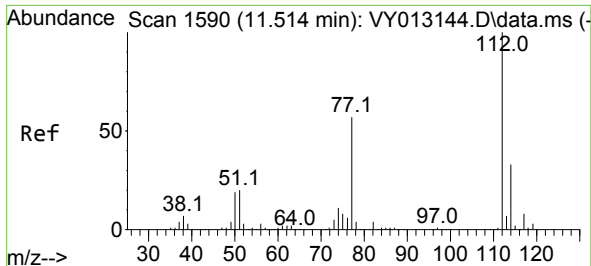
164 100

166 126.3 103.4 155.2

129 91.8 71.4 107.2

131 86.3 69.9 104.9

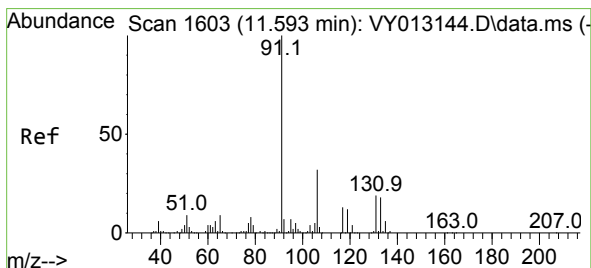
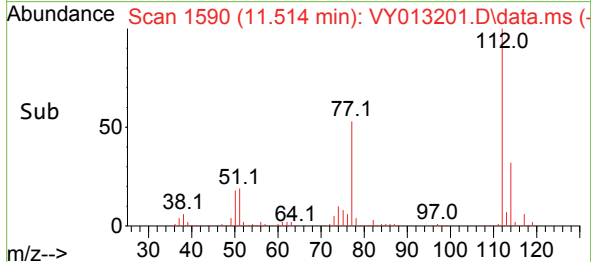
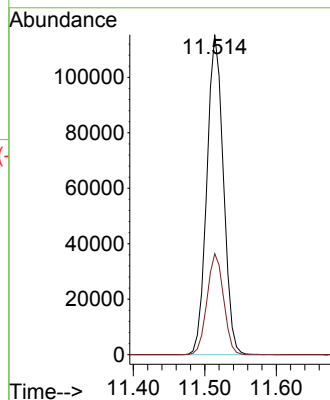
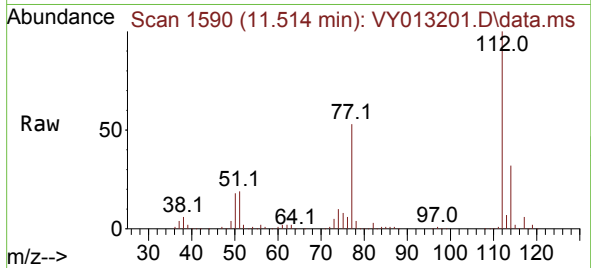




#65
Chlorobenzene
Concen: 51.870 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY013201.D
Acq: 05 Apr 2023 10:03

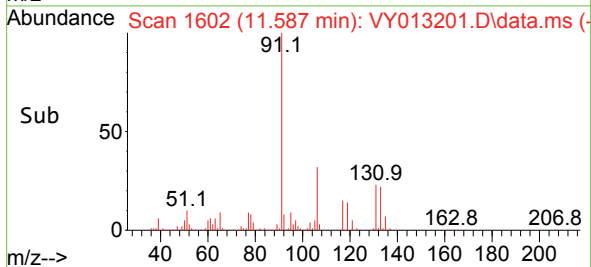
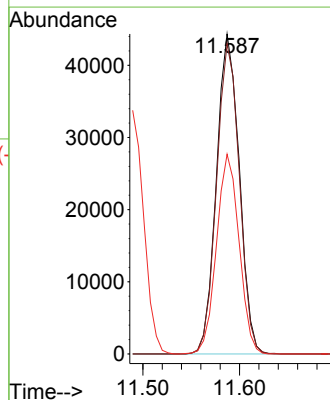
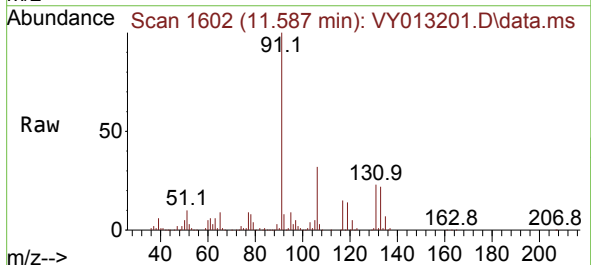
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

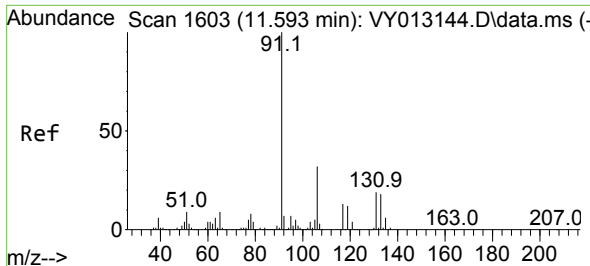
Tgt Ion:112 Resp: 184898
Ion Ratio Lower Upper
112 100
114 31.6 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 54.382 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY013201.D
Acq: 05 Apr 2023 10:03

Tgt Ion:131 Resp: 72675
Ion Ratio Lower Upper
131 100
133 96.8 48.0 144.0
119 61.7 32.6 98.0

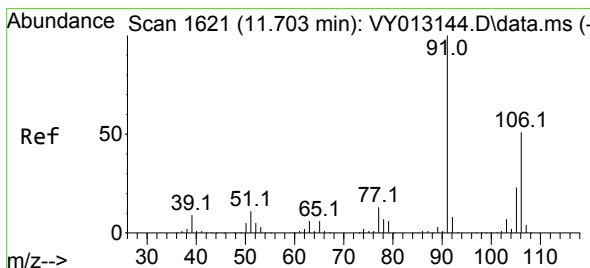
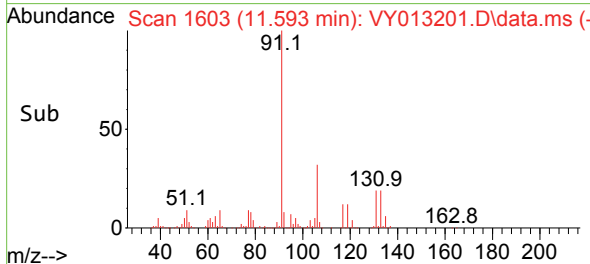
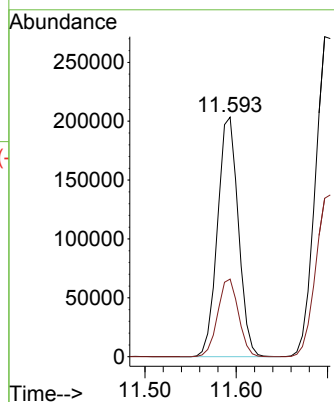
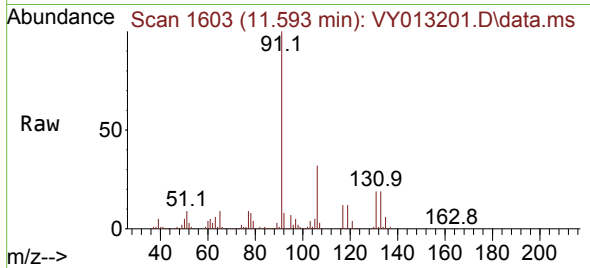




#67
Ethyl Benzene
Concen: 52.307 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013201.D
Acq: 05 Apr 2023 10:03

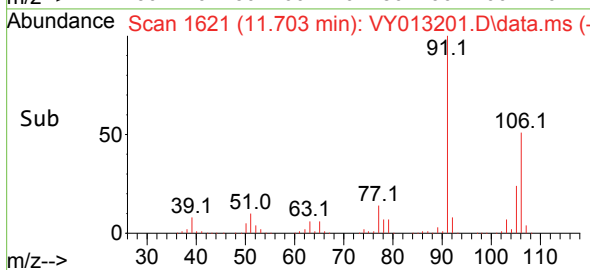
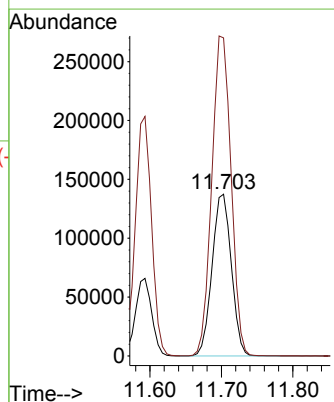
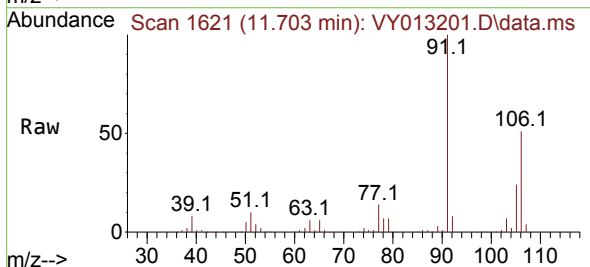
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

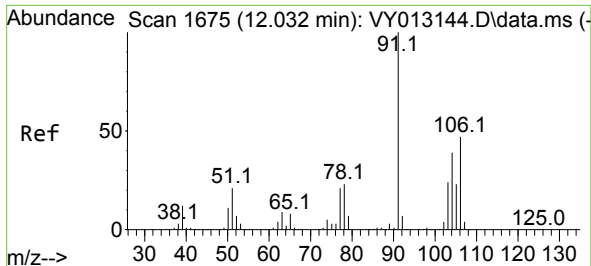
Tgt Ion: 91 Resp: 322037
Ion Ratio Lower Upper
91 100
106 32.4 25.1 37.7



#68
m/p-Xylenes
Concen: 107.857 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY013201.D
Acq: 05 Apr 2023 10:03

Tgt Ion:106 Resp: 256874
Ion Ratio Lower Upper
106 100
91 197.9 159.8 239.8

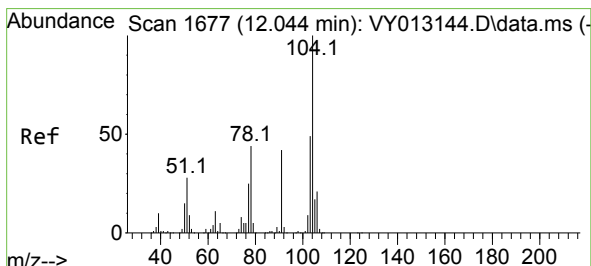
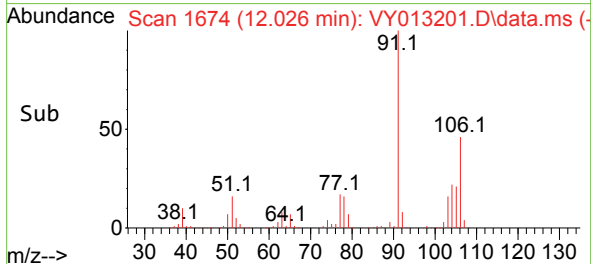
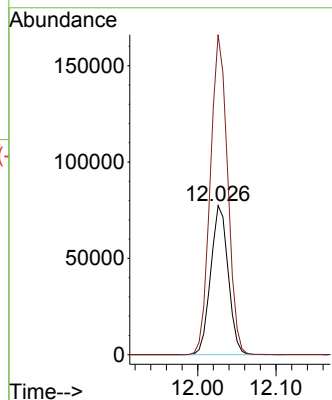
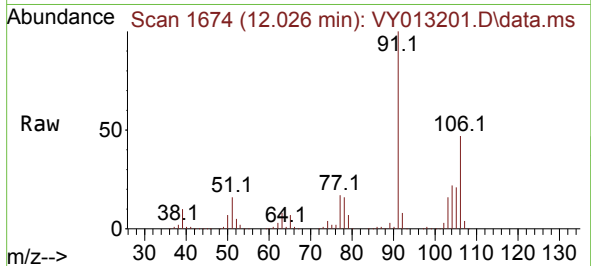




#69
o-Xylene
Concen: 54.192 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY013201.D
Acq: 05 Apr 2023 10:03

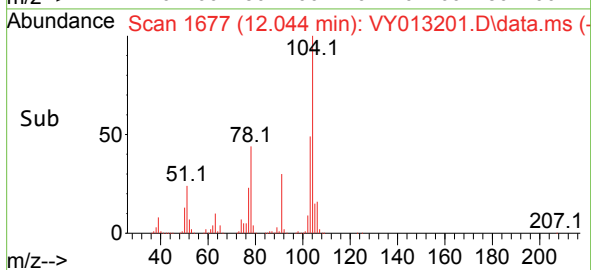
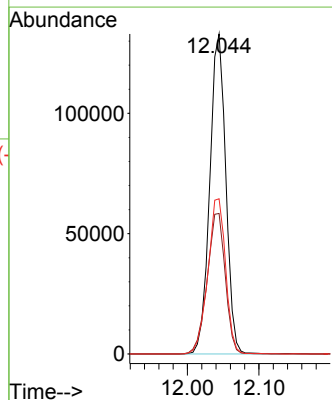
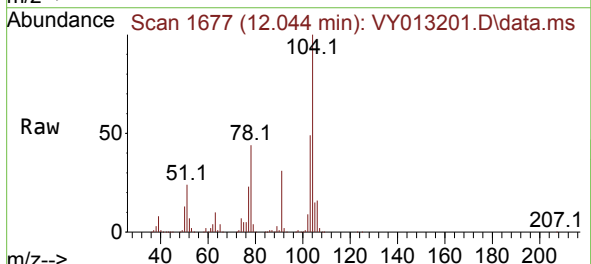
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

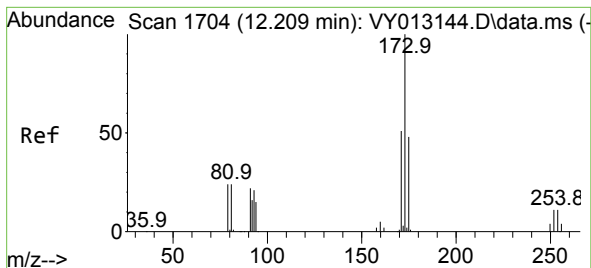
Tgt Ion:106 Resp: 119713
Ion Ratio Lower Upper
106 100
91 213.0 107.2 321.6



#70
Styrene
Concen: 56.118 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013201.D
Acq: 05 Apr 2023 10:03

Tgt Ion:104 Resp: 207376
Ion Ratio Lower Upper
104 100
78 49.6 39.2 58.8
103 53.8 43.7 65.5





#71

Bromoform

Concen: 61.044 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013201.D

Acq: 05 Apr 2023 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

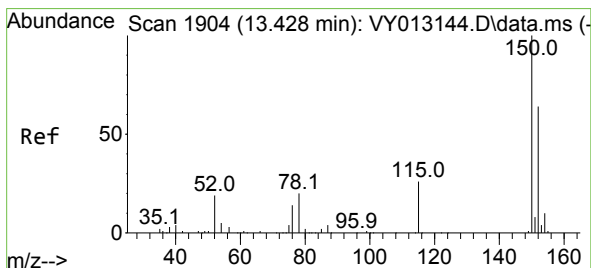
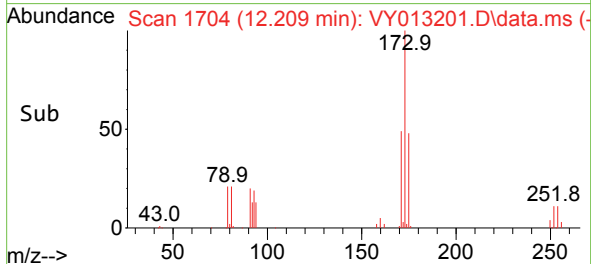
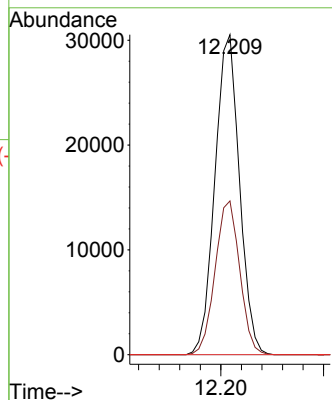
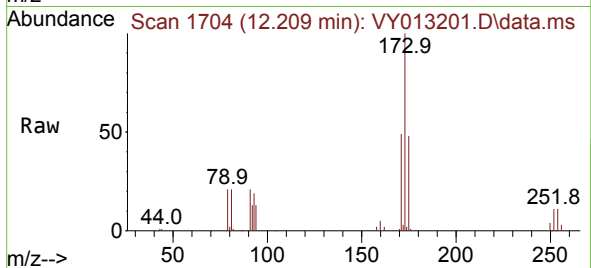
Tgt Ion:173 Resp: 50586

Ion Ratio Lower Upper

173 100

175 48.1 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY013201.D

Acq: 05 Apr 2023 10:03

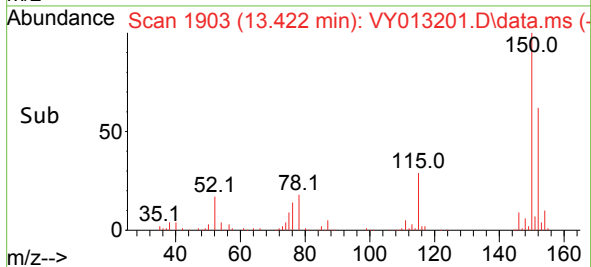
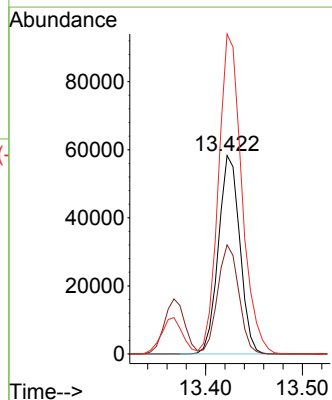
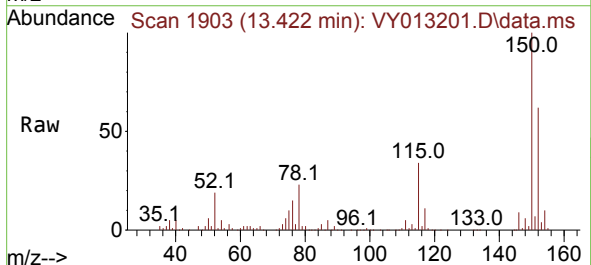
Tgt Ion:152 Resp: 89423

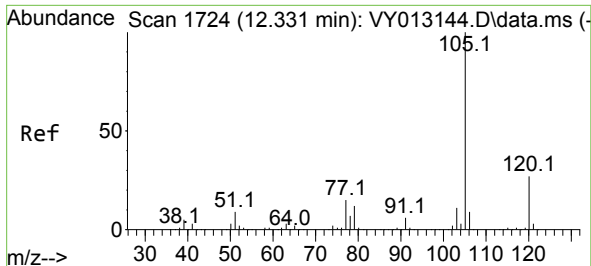
Ion Ratio Lower Upper

152 100

115 54.8 27.1 81.3

150 176.5 0.0 347.8

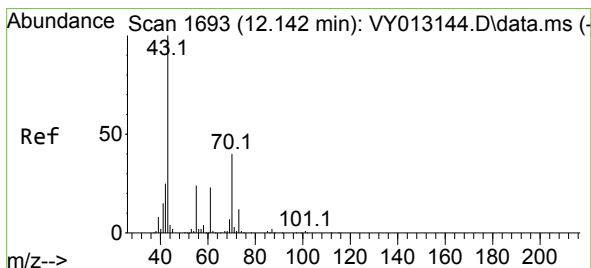
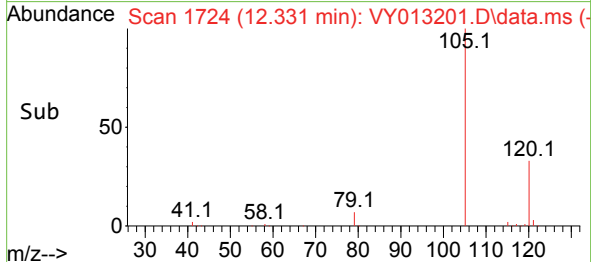
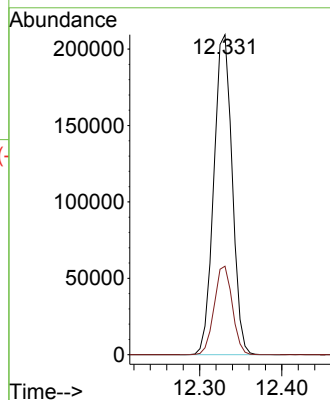
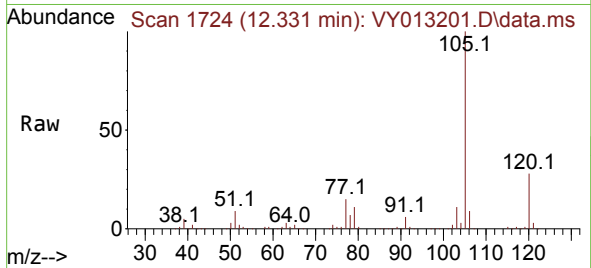




#73
Isopropylbenzene
Concen: 52.529 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013201.D
Acq: 05 Apr 2023 10:03

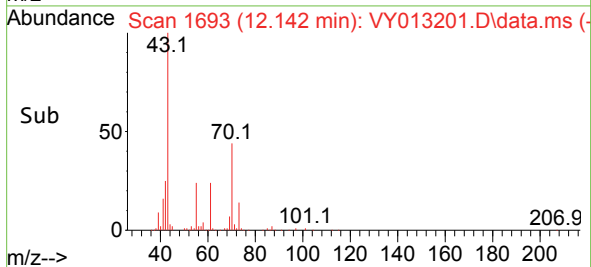
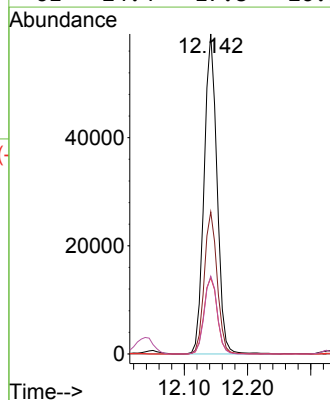
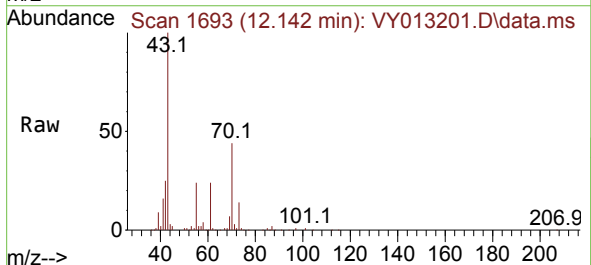
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

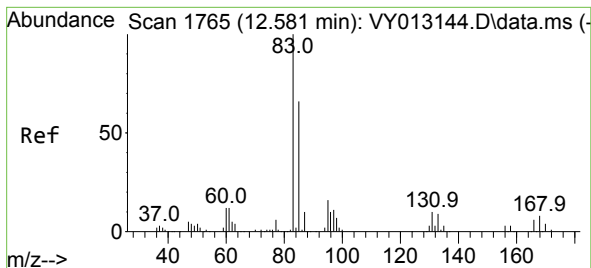
Tgt Ion:105 Resp: 324247
Ion Ratio Lower Upper
105 100
120 27.3 13.4 40.2



#74
N-ethyl acetate
Concen: 49.729 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013201.D
Acq: 05 Apr 2023 10:03

Tgt Ion: 43 Resp: 84281
Ion Ratio Lower Upper
43 100
70 44.2 31.6 47.4
55 24.6 18.8 28.2
61 24.4 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 48.910 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY013201.D

Acq: 05 Apr 2023 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

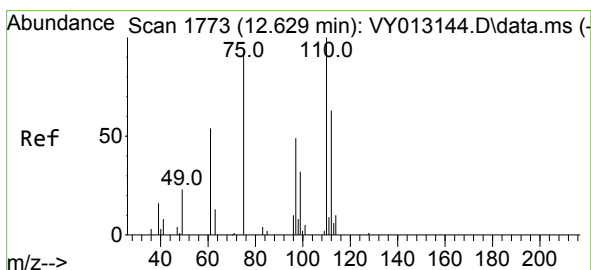
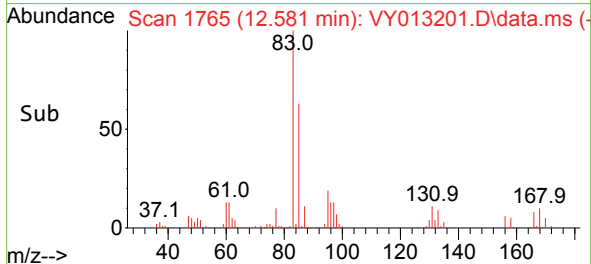
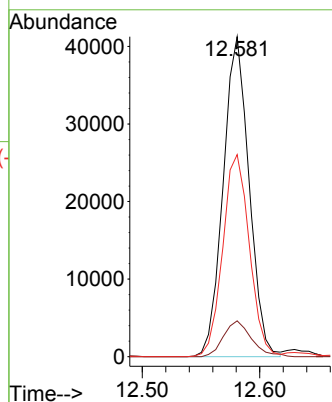
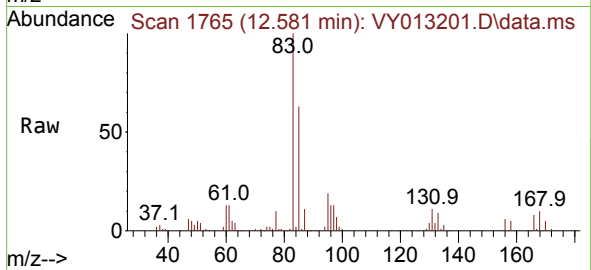
Tgt Ion: 83 Resp: 63239

Ion Ratio Lower Upper

83 100

131 12.1 5.1 15.2

85 65.0 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 86.096 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.001 min

Lab File: VY013201.D

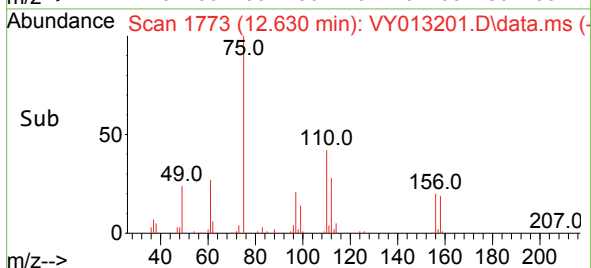
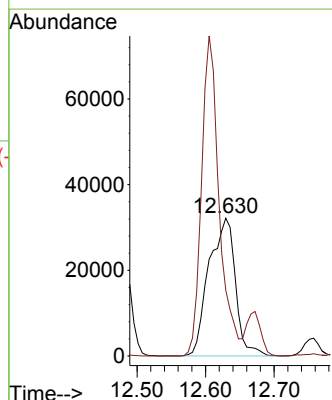
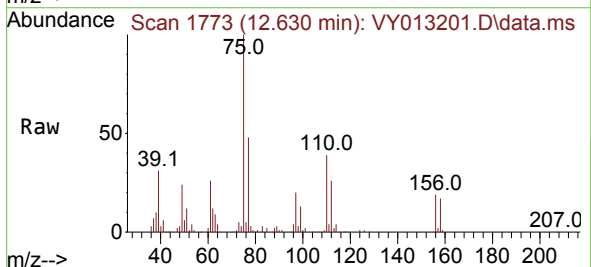
Acq: 05 Apr 2023 10:03

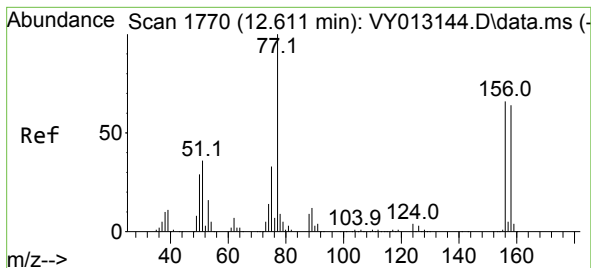
Tgt Ion: 75 Resp: 86489

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.909 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY013201.D

Acq: 05 Apr 2023 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

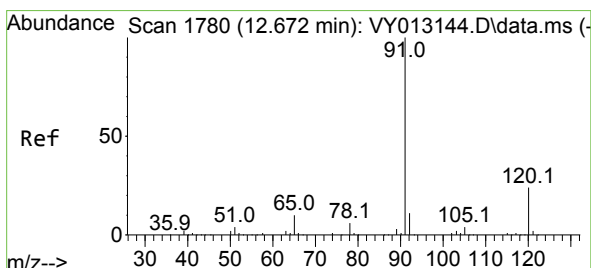
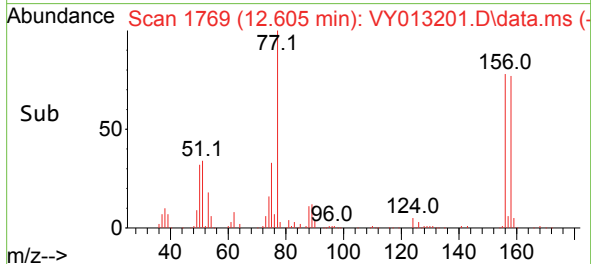
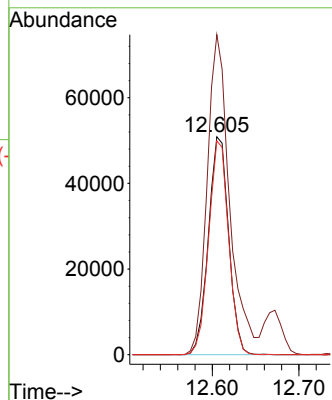
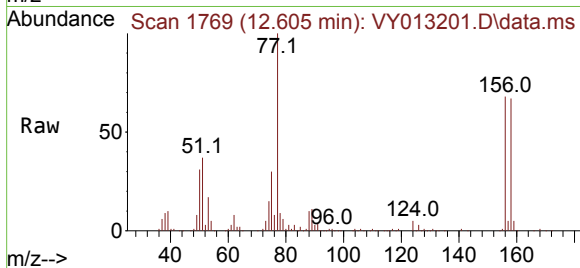
Tgt Ion:156 Resp: 82732

Ion Ratio Lower Upper

156 100

77 161.3 94.0 282.1

158 96.4 48.1 144.4



#78

n-propylbenzene

Concen: 50.612 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013201.D

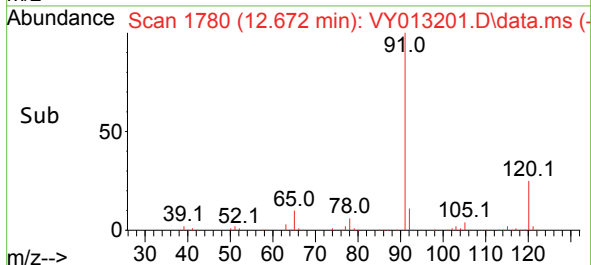
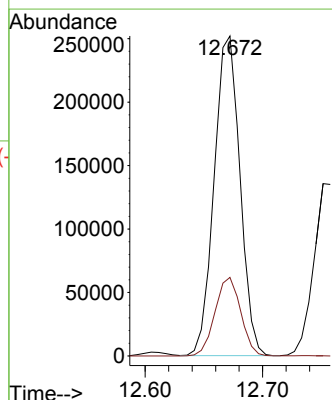
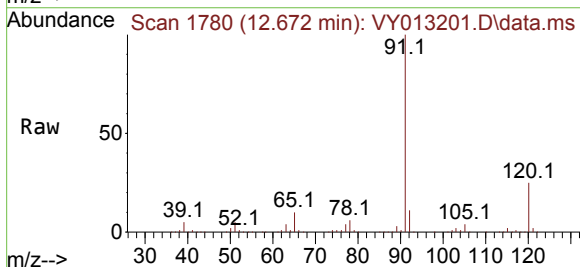
Acq: 05 Apr 2023 10:03

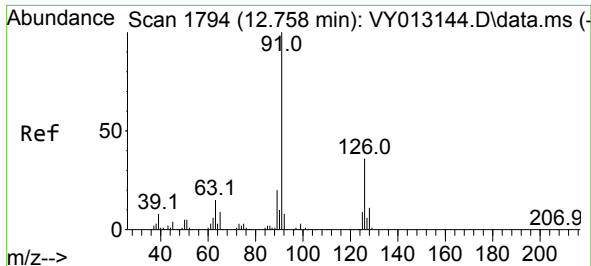
Tgt Ion: 91 Resp: 384126

Ion Ratio Lower Upper

91 100

120 24.5 11.6 34.8





#79

2-Chlorotoluene

Concen: 49.954 ug/l

RT: 12.752 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013201.D

Acq: 05 Apr 2023 10:03

Instrument :

MSVOA_Y

ClientSampleId :

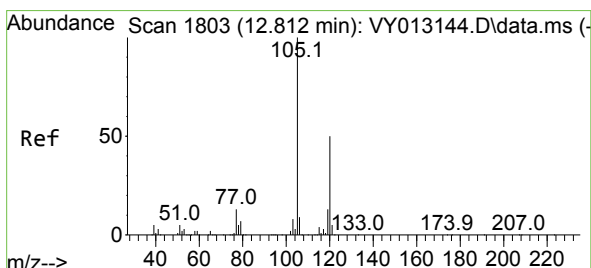
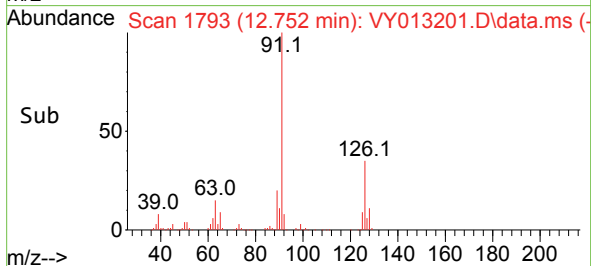
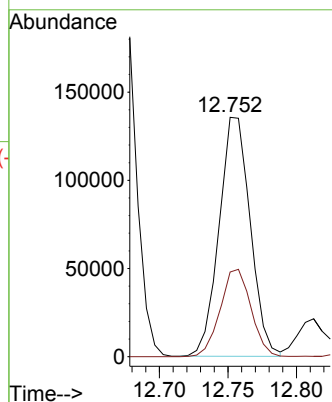
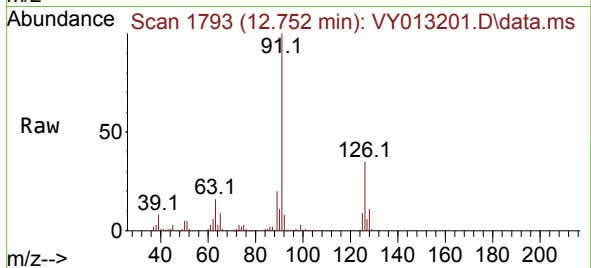
VSTDCCC050

Tgt Ion: 91 Resp: 215136

Ion Ratio Lower Upper

91 100

126 36.2 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 53.220 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY013201.D

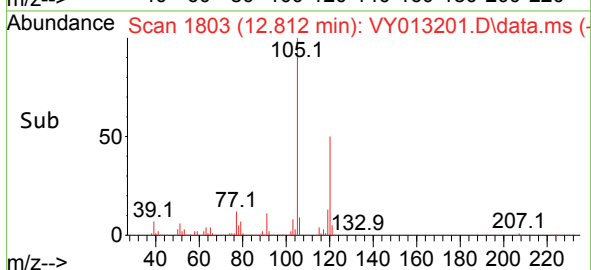
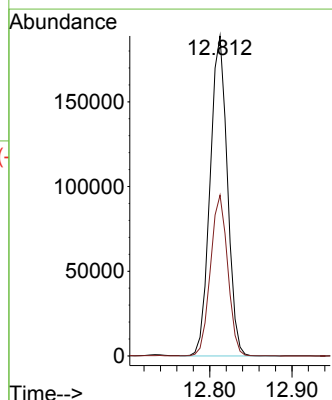
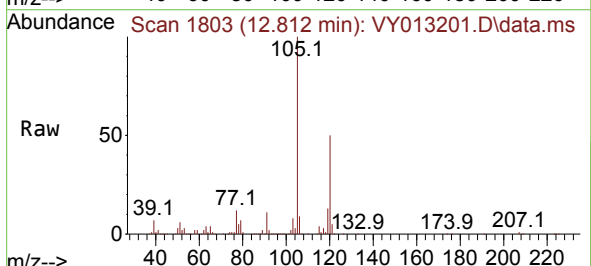
Acq: 05 Apr 2023 10:03

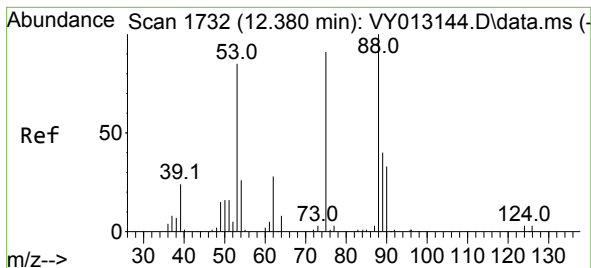
Tgt Ion:105 Resp: 274653

Ion Ratio Lower Upper

105 100

120 50.3 24.8 74.4

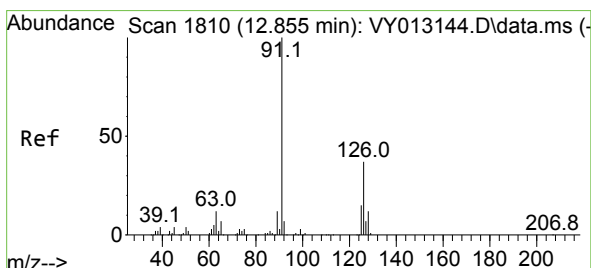
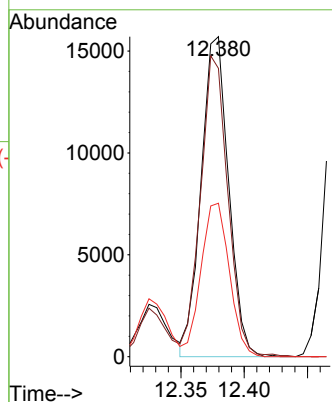
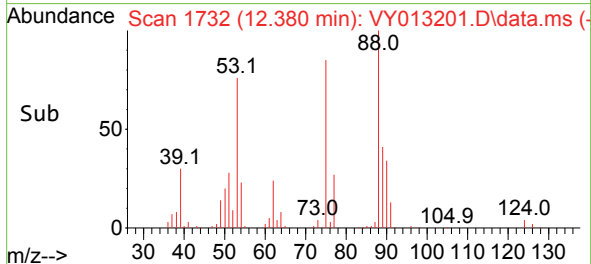
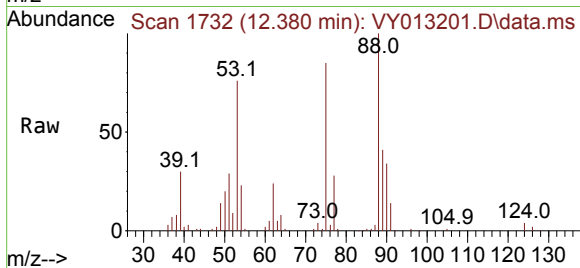




#81
trans-1,4-Dichloro-2-butene
Concen: 52.785 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY013201.D
Acq: 05 Apr 2023 10:03

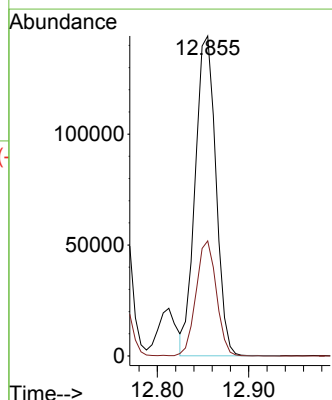
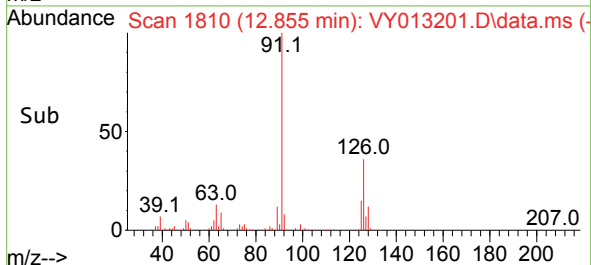
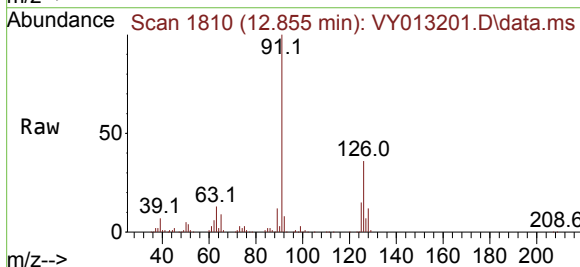
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

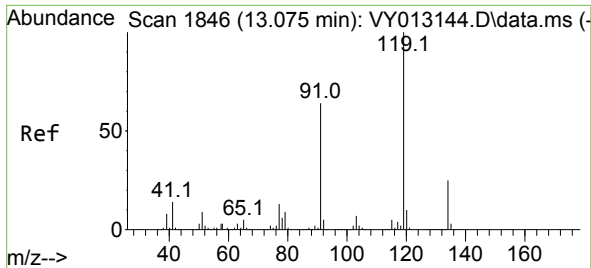
Tgt Ion: 75 Resp: 23777
Ion Ratio Lower Upper
75 100
53 93.5 73.4 110.0
89 49.6 36.6 55.0



#82
4-Chlorotoluene
Concen: 50.529 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013201.D
Acq: 05 Apr 2023 10:03

Tgt Ion: 91 Resp: 226475
Ion Ratio Lower Upper
91 100
126 35.4 17.7 53.1

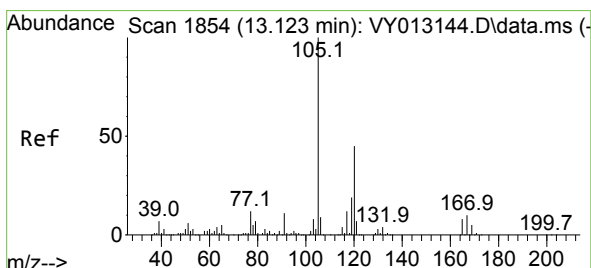
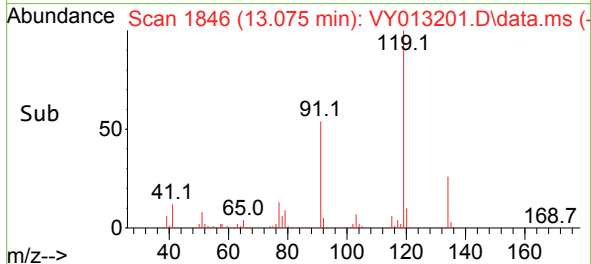
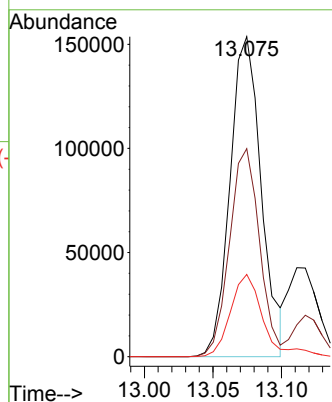
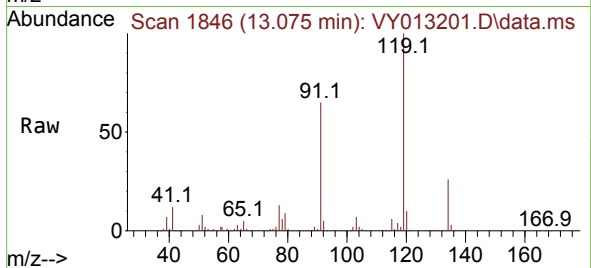




#83
tert-Butylbenzene
Concen: 55.143 ug/l
RT: 13.075 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY013201.D
Acq: 05 Apr 2023 10:03

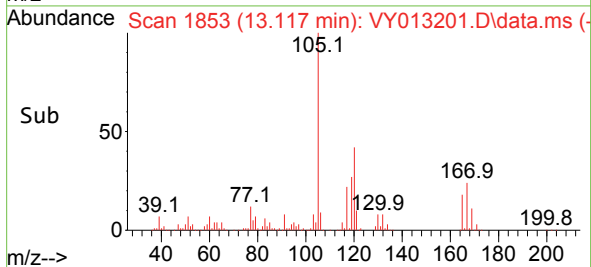
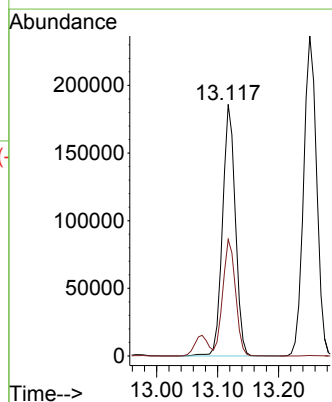
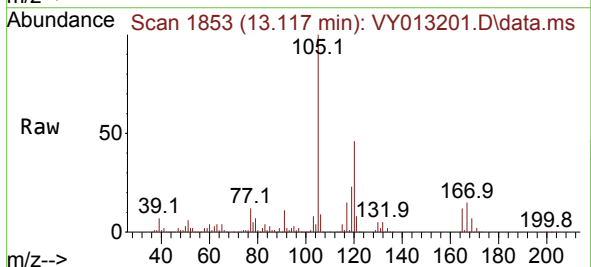
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

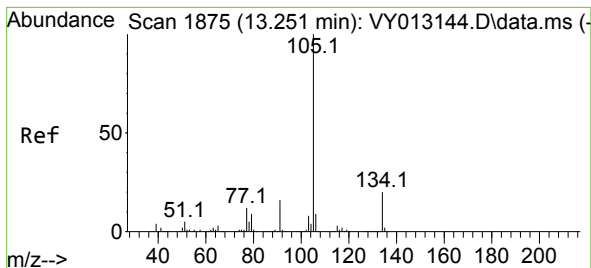
Tgt Ion:119 Resp: 244429
Ion Ratio Lower Upper
119 100
91 62.4 32.8 98.3
134 26.8 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 53.634 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY013201.D
Acq: 05 Apr 2023 10:03

Tgt Ion:105 Resp: 271065
Ion Ratio Lower Upper
105 100
120 46.0 23.0 69.0





#85

sec-Butylbenzene

Concen: 52.462 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013201.D

Acq: 05 Apr 2023 10:03

Instrument :

MSVOA_Y

ClientSampleId :

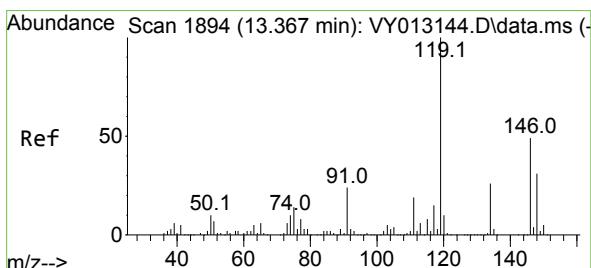
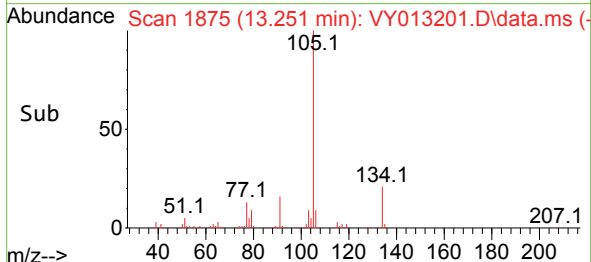
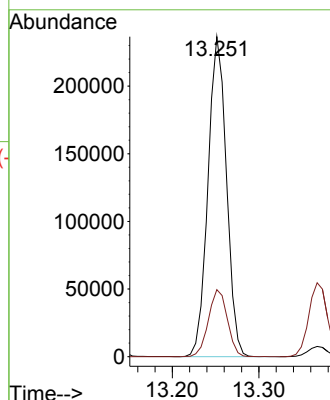
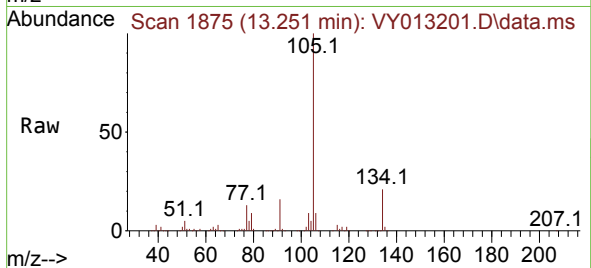
VSTDCCC050

Tgt Ion:105 Resp: 351122

Ion Ratio Lower Upper

105 100

134 21.4 10.4 31.1



#86

p-Isopropyltoluene

Concen: 54.733 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013201.D

Acq: 05 Apr 2023 10:03

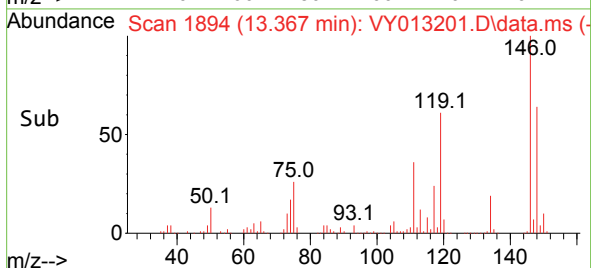
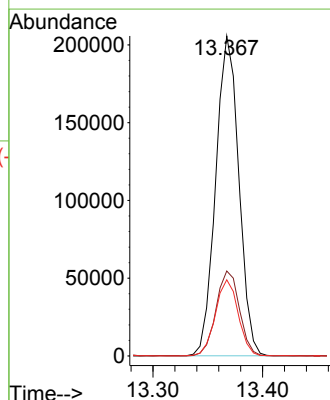
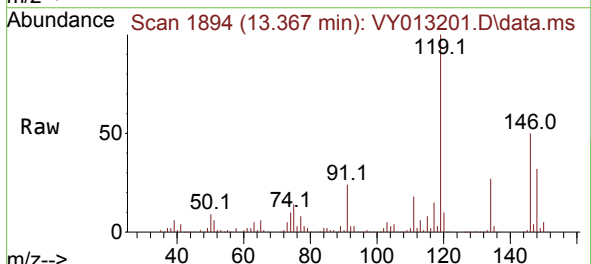
Tgt Ion:119 Resp: 301568

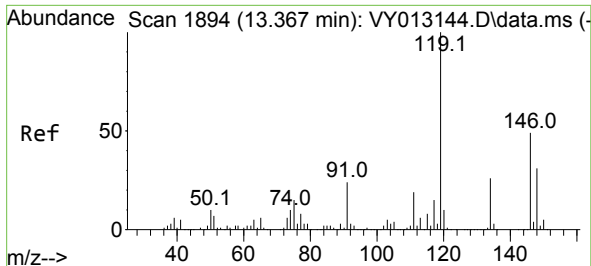
Ion Ratio Lower Upper

119 100

134 26.9 13.2 39.6

91 23.4 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 52.318 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013201.D

Acq: 05 Apr 2023 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

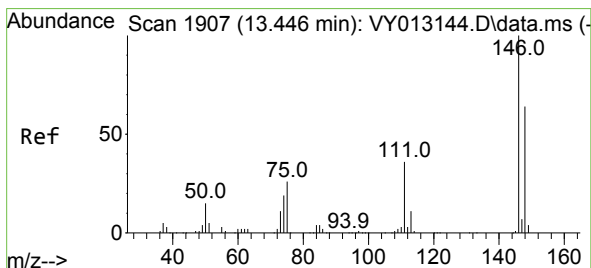
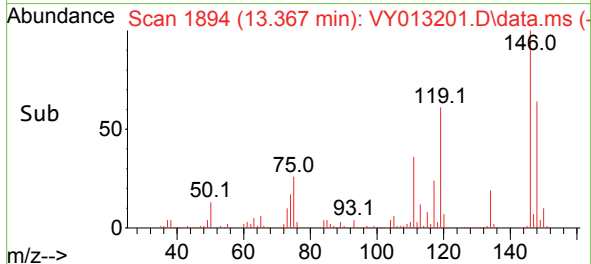
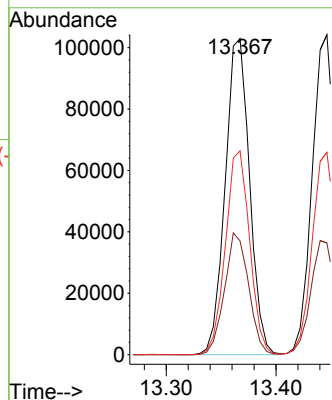
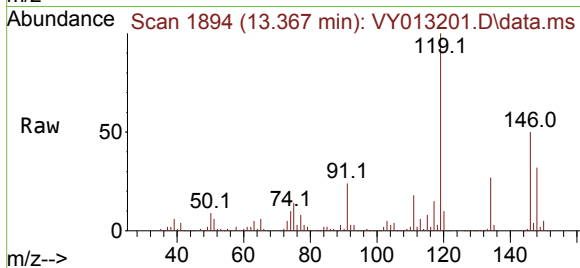
Tgt Ion:146 Resp: 159160

Ion Ratio Lower Upper

146 100

111 38.1 19.1 57.5

148 64.1 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 52.513 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.001 min

Lab File: VY013201.D

Acq: 05 Apr 2023 10:03

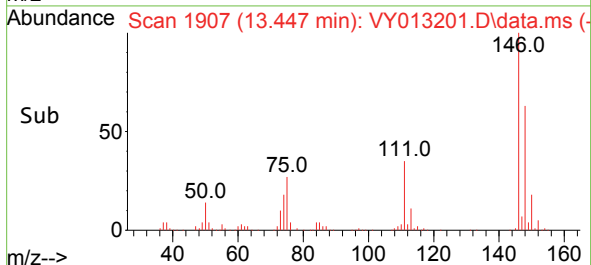
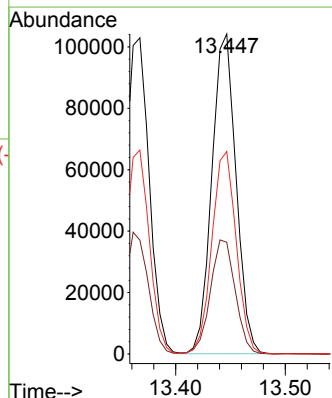
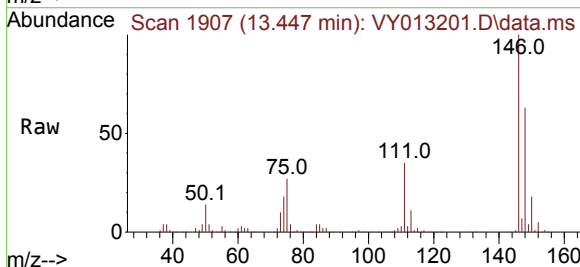
Tgt Ion:146 Resp: 160085

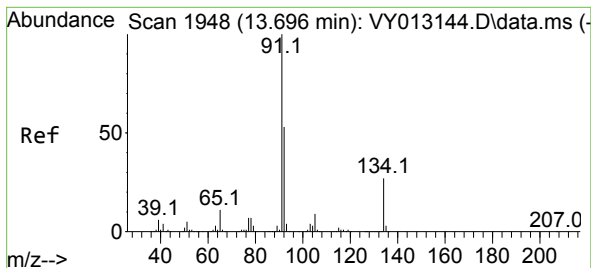
Ion Ratio Lower Upper

146 100

111 36.7 18.6 55.8

148 63.8 31.5 94.5





#89

n-Butylbenzene

Concen: 52.025 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013201.D

Acq: 05 Apr 2023 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

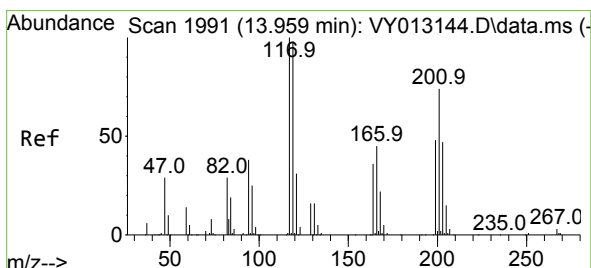
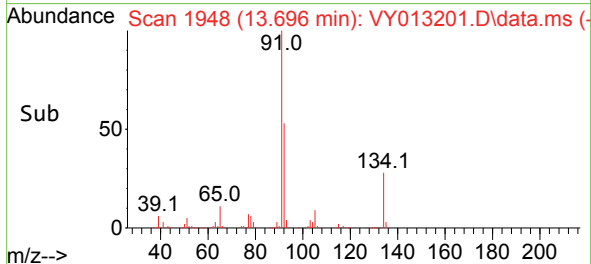
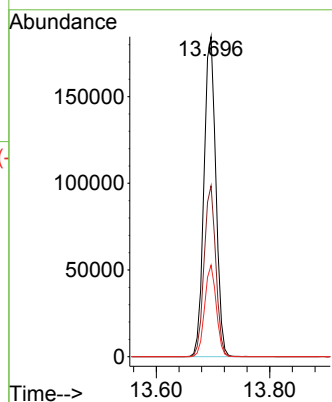
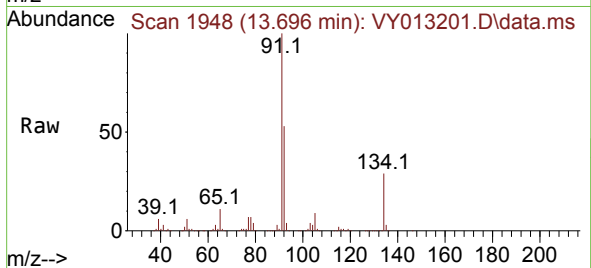
Tgt Ion: 91 Resp: 267969

Ion Ratio Lower Upper

91 100

92 52.6 26.4 79.0

134 27.9 13.0 38.9



#90

Hexachloroethane

Concen: 49.944 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY013201.D

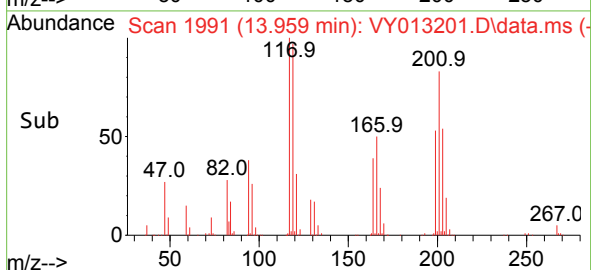
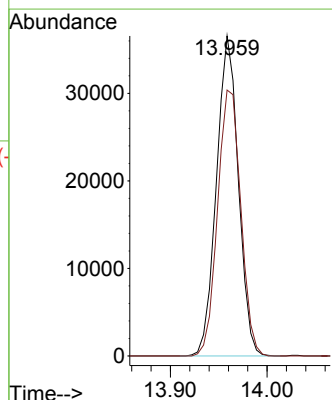
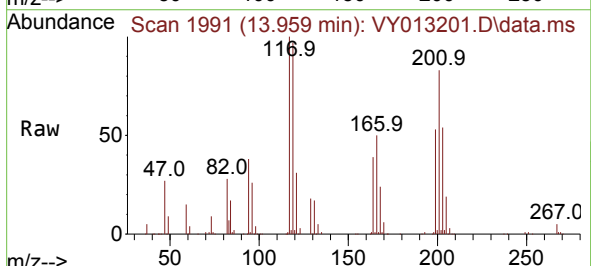
Acq: 05 Apr 2023 10:03

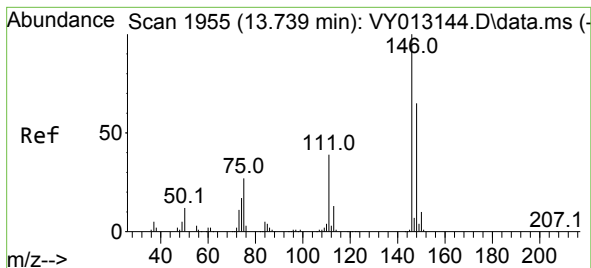
Tgt Ion: 117 Resp: 57326

Ion Ratio Lower Upper

117 100

201 88.0 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 53.948 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013201.D

Acq: 05 Apr 2023 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

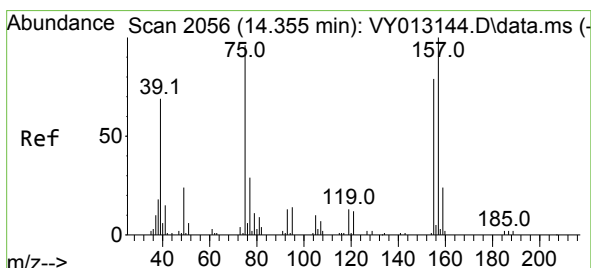
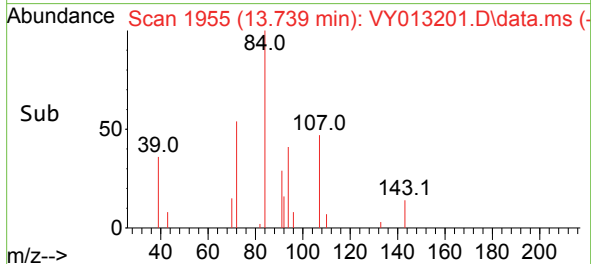
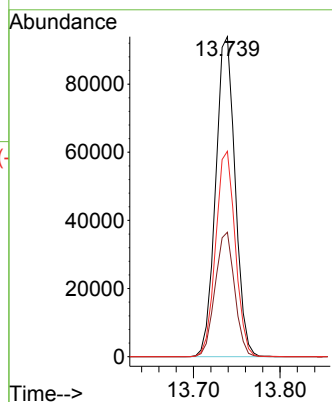
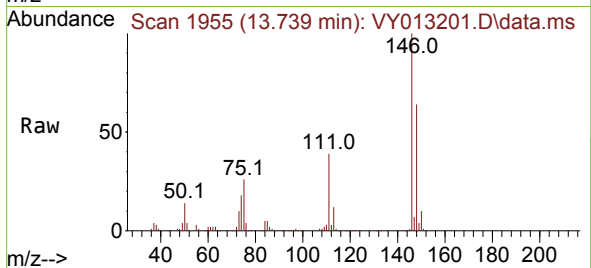
Tgt Ion:146 Resp: 146572

Ion Ratio Lower Upper

146 100

111 39.1 19.7 59.1

148 64.8 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.101 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013201.D

Acq: 05 Apr 2023 10:03

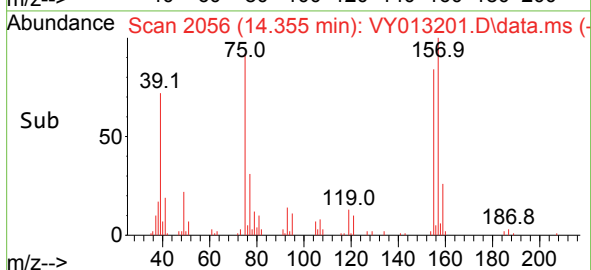
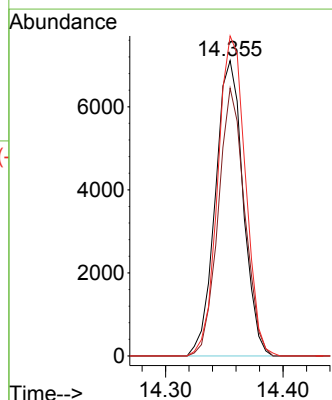
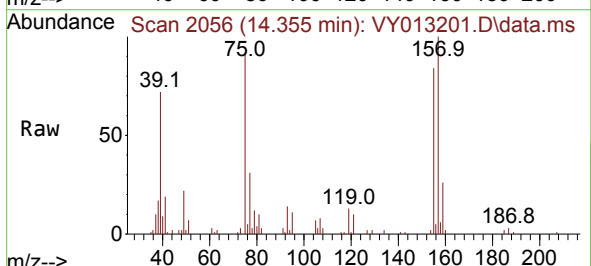
Tgt Ion: 75 Resp: 11640

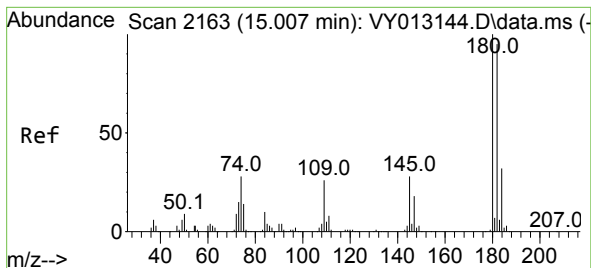
Ion Ratio Lower Upper

75 100

155 86.4 43.8 131.4

157 108.1 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 54.809 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013201.D

Acq: 05 Apr 2023 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

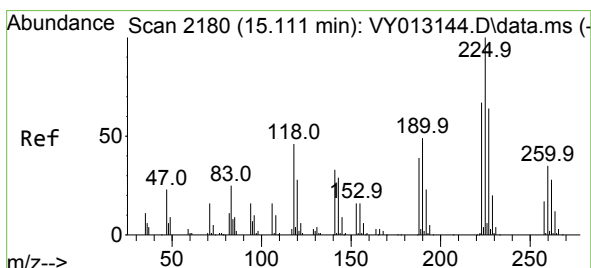
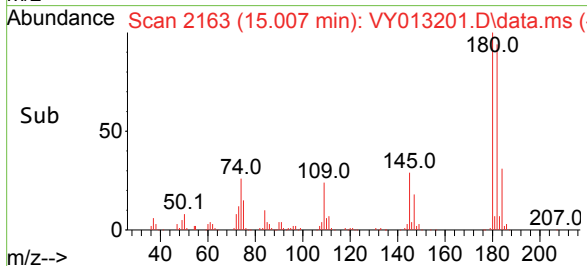
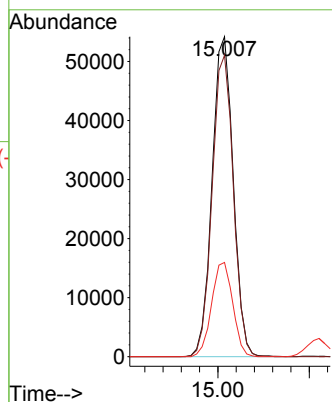
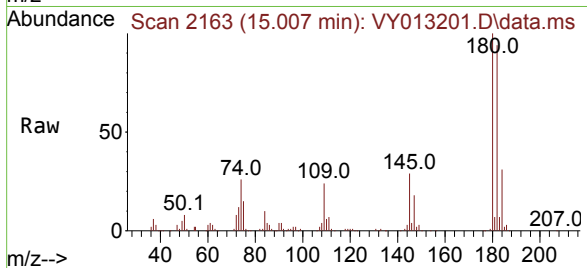
Tgt Ion:180 Resp: 86837

Ion Ratio Lower Upper

180 100

182 94.5 46.7 140.1

145 29.4 14.6 43.8



#94

Hexachlorobutadiene

Concen: 57.224 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013201.D

Acq: 05 Apr 2023 10:03

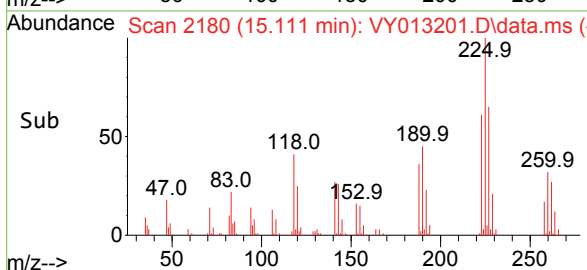
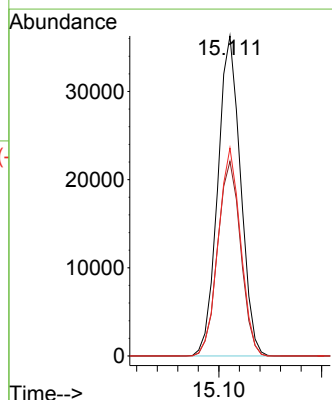
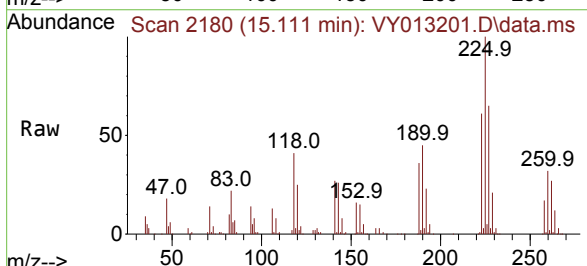
Tgt Ion:225 Resp: 55760

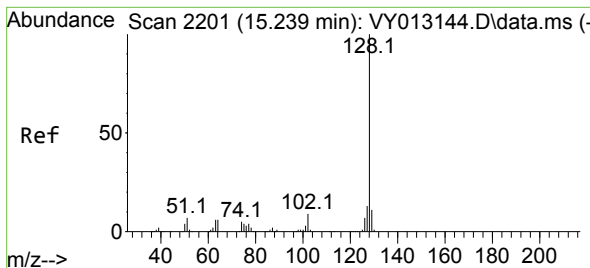
Ion Ratio Lower Upper

225 100

223 61.4 31.1 93.3

227 63.8 32.4 97.0





#95

Naphthalene

Concen: 55.458 ug/l

RT: 15.233 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY013201.D

Acq: 05 Apr 2023 10:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

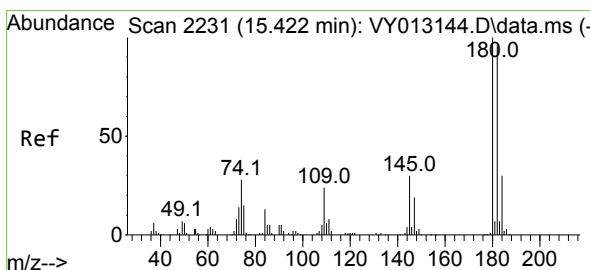
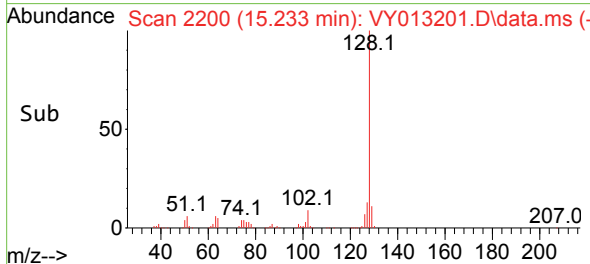
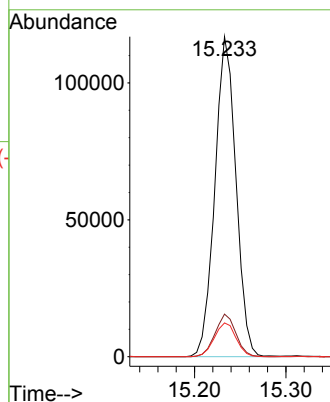
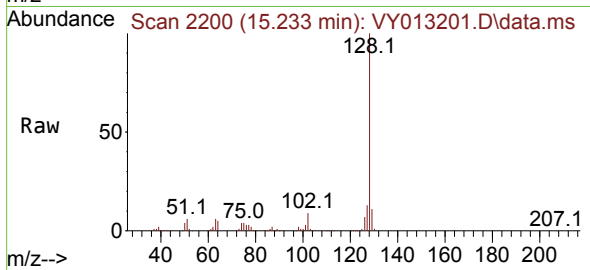
Tgt Ion:128 Resp: 187378

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 59.152 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013201.D

Acq: 05 Apr 2023 10:03

Tgt Ion:180 Resp: 82570

Ion Ratio Lower Upper

180 100

182 96.3 47.4 142.3

145 31.4 15.3 45.8

