

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080723\
 Data File : VY014971.D
 Acq On : 07 Aug 2023 18:25
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY080723

Quant Time: Aug 08 07:54:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	340299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	551511	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	497100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	243345	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	181221	43.937	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.880%
35) Dibromofluoromethane	7.716	113	159941	45.350	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.700%
50) Toluene-d8	10.179	98	598000	44.548	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.100%
62) 4-Bromofluorobenzene	12.477	95	213734	44.924	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.840%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	84927	44.645	ug/l	97
3) Chloromethane	2.113	50	113791	42.489	ug/l	100
4) Vinyl Chloride	2.247	62	143916	43.611	ug/l	96
5) Bromomethane	2.637	94	108994	51.735	ug/l	100
6) Chloroethane	2.784	64	101918	44.730	ug/l	100
7) Trichlorofluoromethane	3.119	101	234515	44.970	ug/l	99
8) Diethyl Ether	3.528	74	86724	45.067	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.893	101	141976	45.990	ug/l	96
10) Methyl Iodide	4.082	142	147565	46.234	ug/l	98
11) Tert butyl alcohol	4.948	59	175296	176.102	ug/l #	88
12) 1,1-Dichloroethene	3.863	96	122762	45.640	ug/l	96
13) Acrolein	3.723	56	91631	270.593	ug/l	98
14) Allyl chloride	4.473	41	202407	45.188	ug/l	95
15) Acrylonitrile	5.155	53	259358	220.613	ug/l	98
16) Acetone	3.942	43	245793	191.107	ug/l	95
17) Carbon Disulfide	4.186	76	262188	44.087	ug/l	98
18) Methyl Acetate	4.473	43	209310	44.688	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	462366	45.435	ug/l	98
20) Methylene Chloride	4.710	84	224955	44.814	ug/l	91
21) trans-1,2-Dichloroethene	5.210	96	138641	45.219	ug/l	98
22) Diisopropyl ether	6.112	45	482620	46.258	ug/l	94
23) Vinyl Acetate	6.058	43	1424103	227.065	ug/l	95
24) 1,1-Dichloroethane	6.015	63	274547	46.392	ug/l	97
25) 2-Butanone	6.984	43	380039	206.301	ug/l	92
26) 2,2-Dichloropropane	6.978	77	256554	42.844	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	177584	45.769	ug/l	96
28) Bromochloromethane	7.332	49	121739	45.633	ug/l	92
29) Tetrahydrofuran	7.344	42	237033	219.419	ug/l	91
30) Chloroform	7.502	83	298538	46.439	ug/l	97
31) Cyclohexane	7.783	56	204502	47.774	ug/l	90
32) 1,1,1-Trichloroethane	7.698	97	265844	46.924	ug/l	98
36) 1,1-Dichloropropene	7.911	75	203419	46.458	ug/l	99
37) Ethyl Acetate	7.070	43	152636	43.917	ug/l	96
38) Carbon Tetrachloride	7.899	117	233096	47.354	ug/l	97
39) Methylcyclohexane	9.179	83	241555	46.390	ug/l	94
40) Benzene	8.155	78	592668	45.967	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	219196	129.777	ug/l #	30
42) 1,2-Dichloroethane	8.234	62	204764	45.625	ug/l	96
43) Isopropyl Acetate	8.271	43	289082	44.768	ug/l	96
44) Trichloroethene	8.935	130	169340	45.773	ug/l	96
45) 1,2-Dichloropropane	9.216	63	158190	46.165	ug/l	98
46) Dibromomethane	9.301	93	99517	45.083	ug/l	97
47) Bromodichloromethane	9.490	83	243003	47.805	ug/l	99
48) Methyl methacrylate	9.289	41	129181	45.596	ug/l	93
49) 1,4-Dioxane	9.295	88	37358	909.869	ug/l #	64
51) 4-Methyl-2-Pentanone	10.069	43	820827	225.569	ug/l	94
52) Toluene	10.240	92	388006	46.765	ug/l	94
53) t-1,3-Dichloropropene	10.459	75	249450	47.123	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	264160	46.188	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	148169	46.184	ug/l	96
56) Ethyl methacrylate	10.508	69	215153	46.835	ug/l	92
57) 1,3-Dichloropropane	10.788	76	243234	45.824	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	502178	231.191	ug/l	93
59) 2-Hexanone	10.831	43	591798	220.152	ug/l	92
60) Dibromochloromethane	10.984	129	179256	46.925	ug/l	99
61) 1,2-Dibromoethane	11.087	107	140394	45.846	ug/l	100
64) Tetrachloroethene	10.715	164	166653	44.568	ug/l	97
65) Chlorobenzene	11.514	112	438123	46.448	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	173172	46.852	ug/l	99
67) Ethyl Benzene	11.587	91	771437	46.602	ug/l	100
68) m/p-Xylenes	11.697	106	591160	93.351	ug/l	95
69) o-Xylene	12.026	106	289651	46.744	ug/l	98
70) Styrene	12.038	104	496669	46.901	ug/l	97
71) Bromoform	12.203	173	119680	46.977	ug/l #	98
73) Isopropylbenzene	12.325	105	782572	47.840	ug/l	100
74) N-amyl acetate	12.142	43	259725	46.471	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	188653	47.192	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	241024	82.660	ug/l #	100
77) Bromobenzene	12.605	156	186209	46.929	ug/l	98
78) n-propylbenzene	12.666	91	922931	47.172	ug/l	99
79) 2-Chlorotoluene	12.752	91	525358	47.115	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	644092	47.781	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	61143	46.196	ug/l	96
82) 4-Chlorotoluene	12.849	91	541388	46.966	ug/l	100
83) tert-Butylbenzene	13.069	119	589242	47.783	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	636568	47.133	ug/l	97
85) sec-Butylbenzene	13.251	105	861055	47.575	ug/l	99
86) p-Isopropyltoluene	13.367	119	710094	47.399	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	360874	46.465	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	362121	46.753	ug/l	99
89) n-Butylbenzene	13.690	91	674089	47.889	ug/l	96
90) Hexachloroethane	13.959	117	137744	47.346	ug/l	92
91) 1,2-Dichlorobenzene	13.733	146	334325	46.642	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	34877	44.684	ug/l	91
93) 1,2,4-Trichlorobenzene	15.001	180	217115	47.335	ug/l	98
94) Hexachlorobutadiene	15.111	225	116799	46.959	ug/l	98
95) Naphthalene	15.233	128	516285	47.837	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	198675	47.853	ug/l	99

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QLast Update : Tue Aug 08 07:44:56 2023
Response via : Initial Calibration

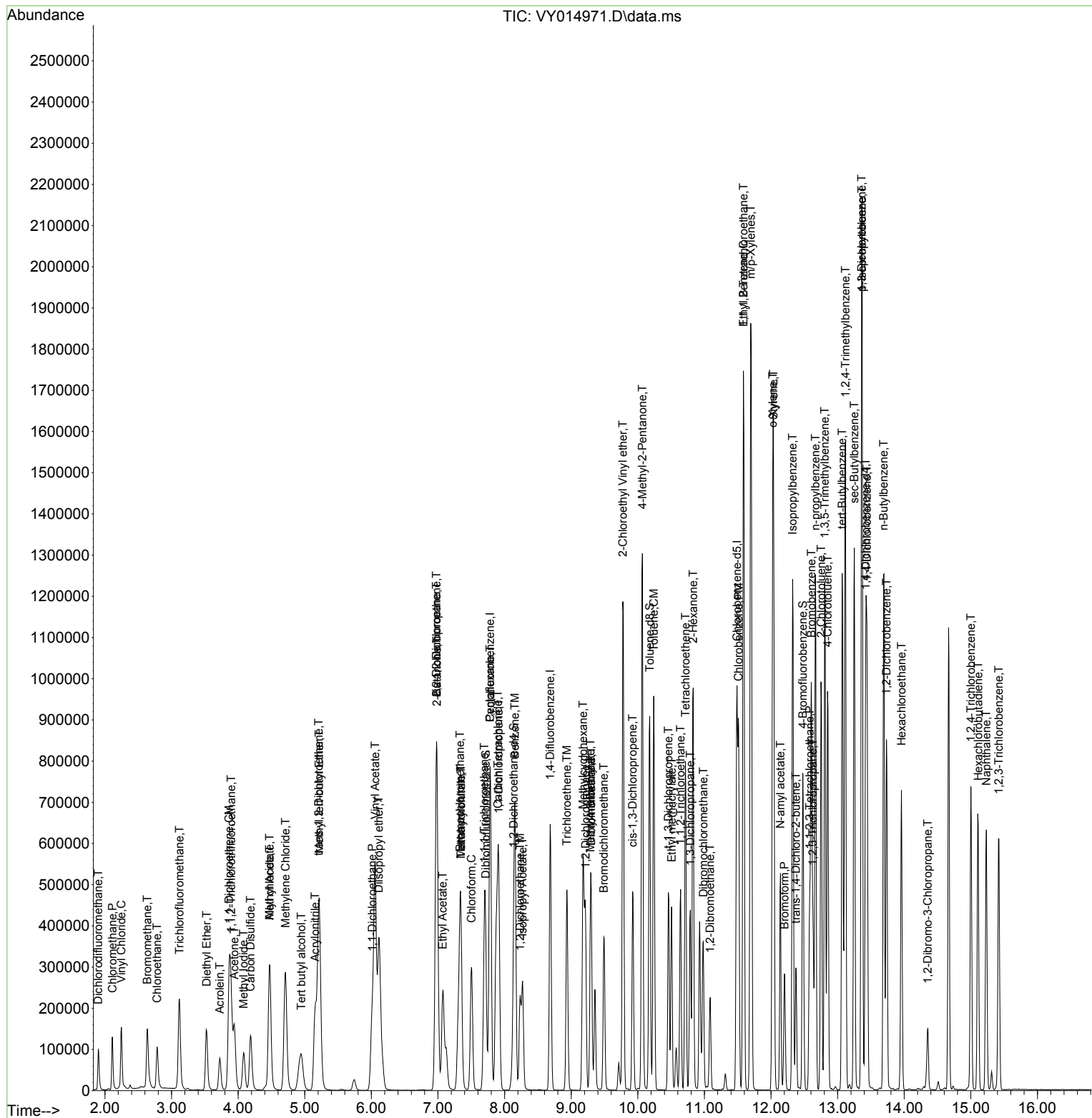
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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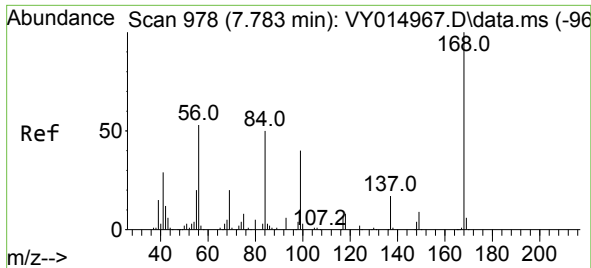
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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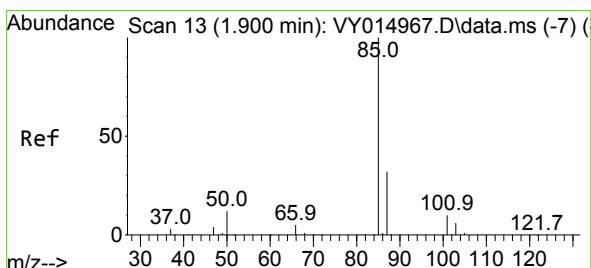
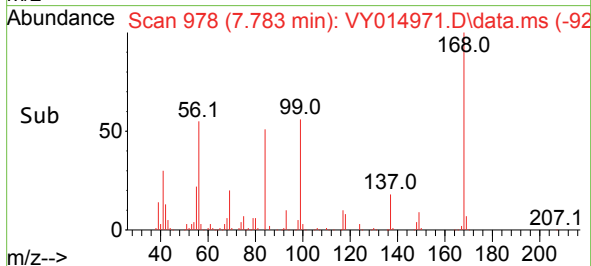
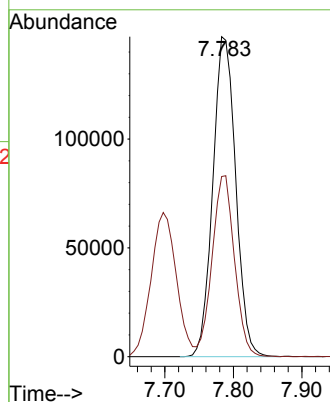
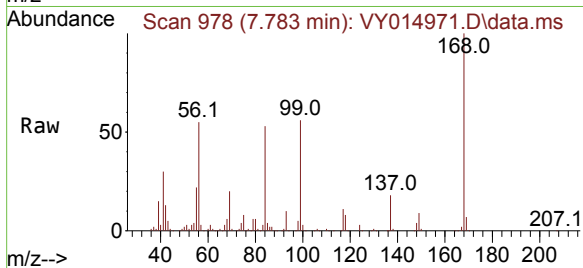




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
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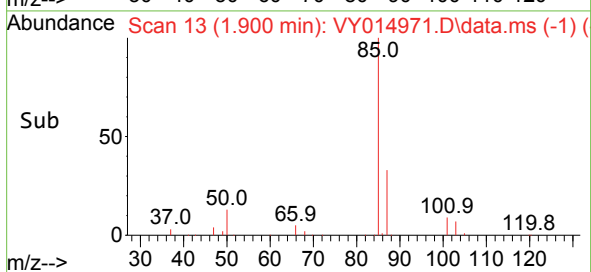
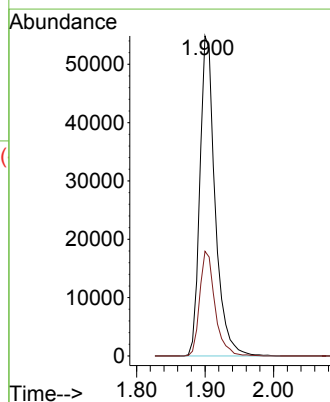
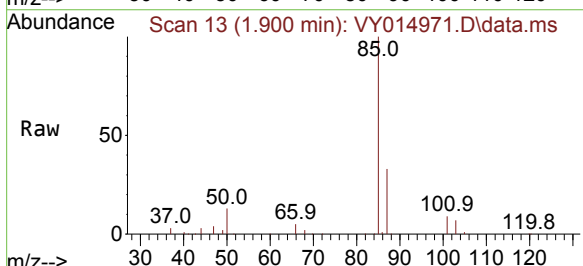
Instrument :
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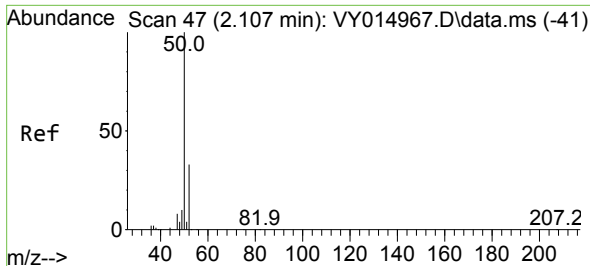
Tgt Ion:168 Resp: 340299
Ion Ratio Lower Upper
168 100
99 56.3 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 44.645 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY014971.D
Acq: 07 Aug 2023 18:25

Tgt Ion: 85 Resp: 84927
Ion Ratio Lower Upper
85 100
87 32.7 15.6 46.8

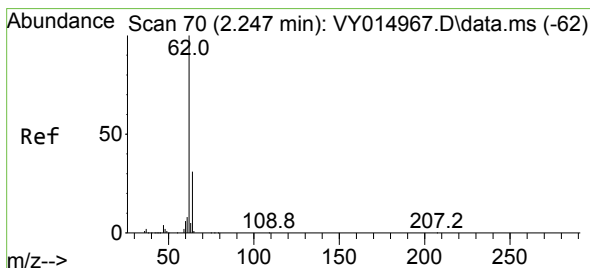
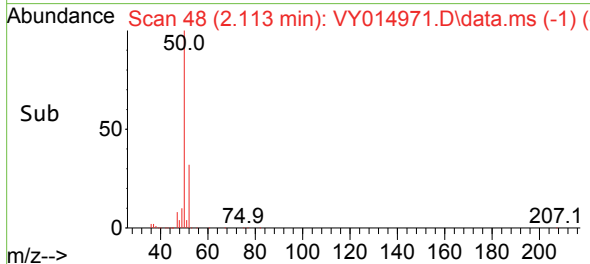
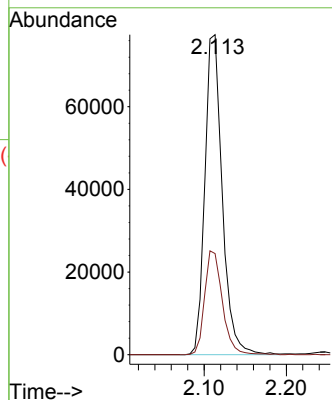
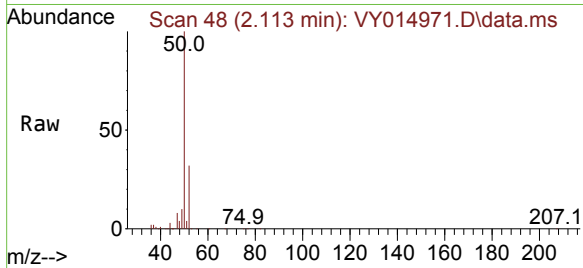




#3
Chloromethane
Concen: 42.489 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY014971.D
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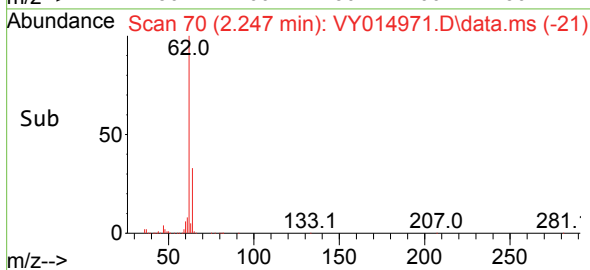
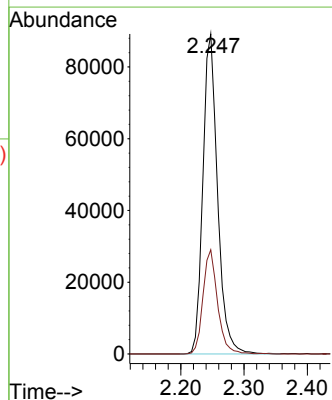
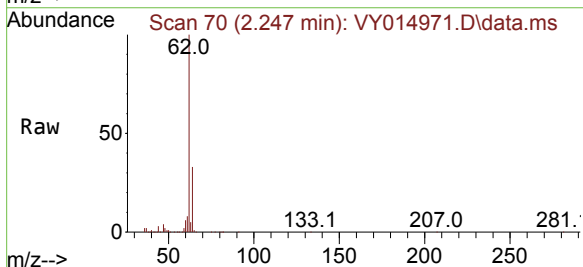
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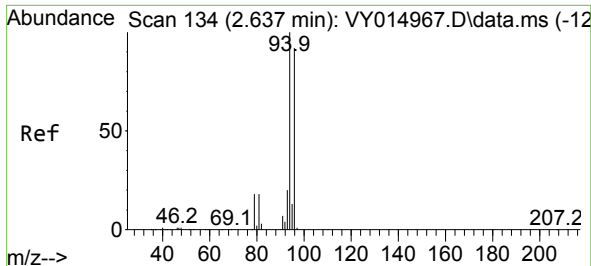
Tgt Ion: 50 Resp: 113791
Ion Ratio Lower Upper
50 100
52 31.6 25.4 38.2



#4
Vinyl Chloride
Concen: 43.611 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY014971.D
Acq: 07 Aug 2023 18:25

Tgt Ion: 62 Resp: 143916
Ion Ratio Lower Upper
62 100
64 32.6 24.3 36.5

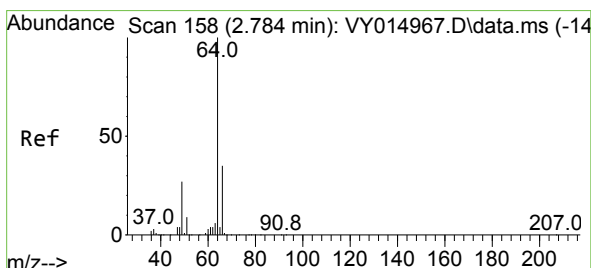
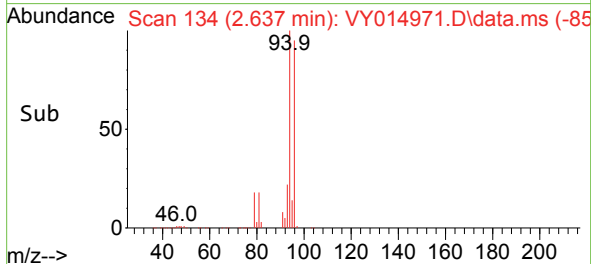
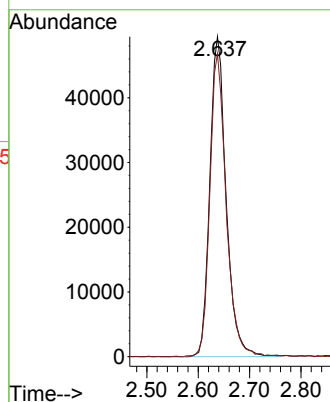
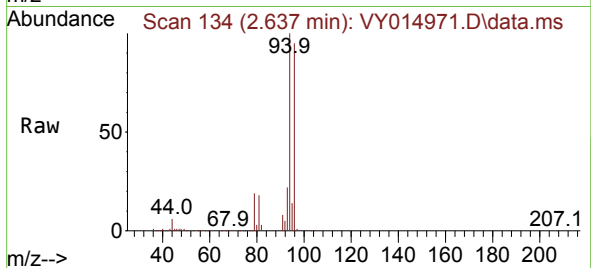




#5
Bromomethane
Concen: 51.735 ug/l
RT: 2.637 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014971.D
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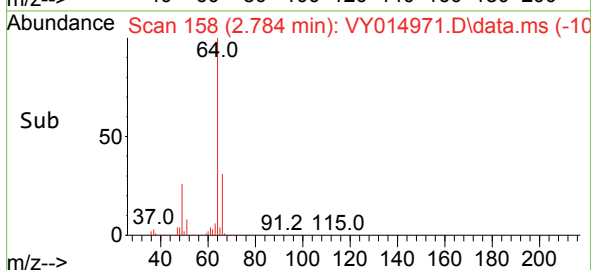
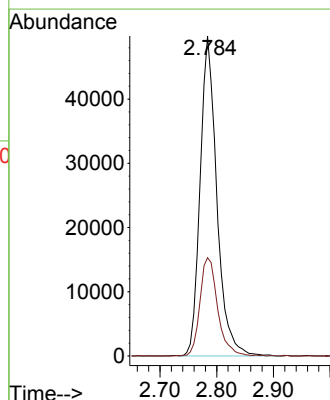
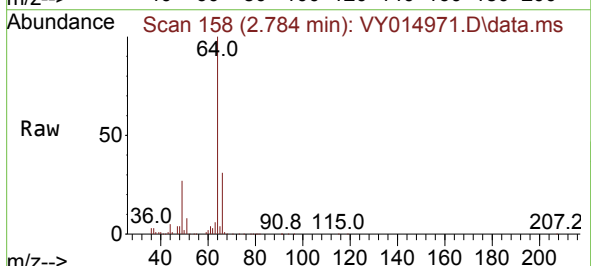
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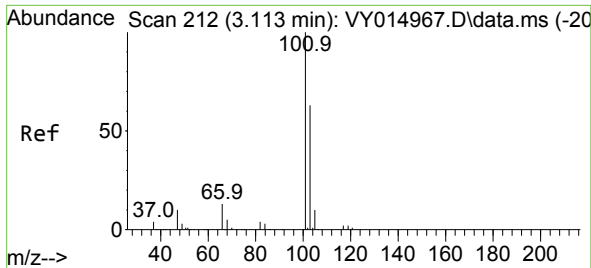
Tgt Ion: 94 Resp: 108994
Ion Ratio Lower Upper
94 100
96 94.7 75.8 113.6



#6
Chloroethane
Concen: 44.730 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.000 min
Lab File: VY014971.D
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Tgt Ion: 64 Resp: 101918
Ion Ratio Lower Upper
64 100
66 30.7 24.4 36.6

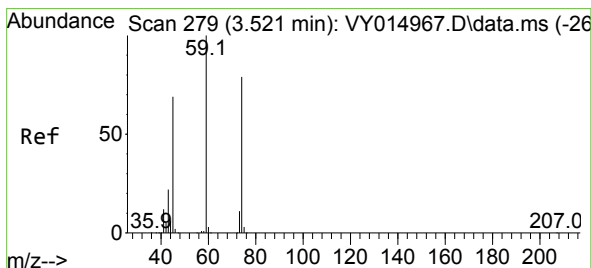
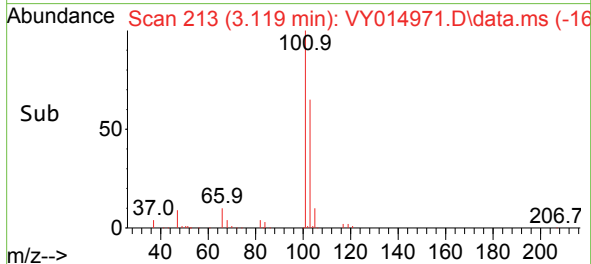
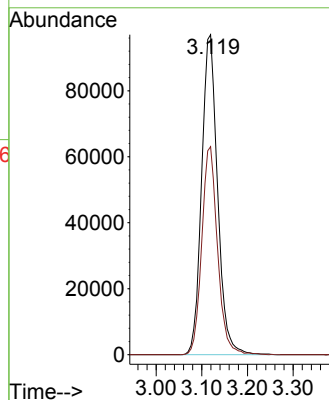
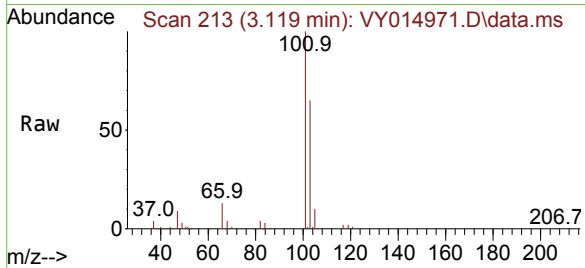




#7
Trichlorofluoromethane
Concen: 44.970 ug/l
RT: 3.119 min Scan# 212
Delta R.T. 0.006 min
Lab File: VY014971.D
Acq: 07 Aug 2023 18:25

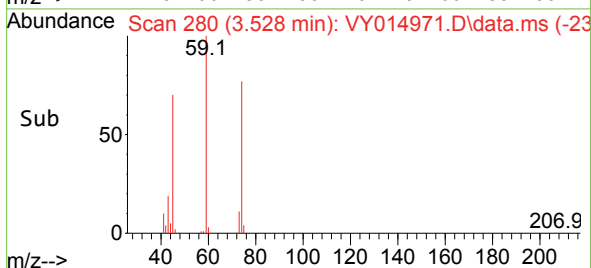
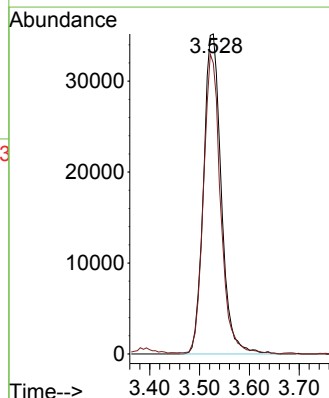
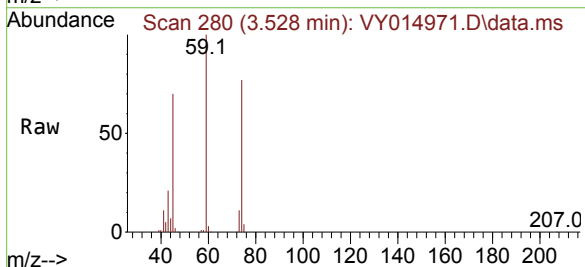
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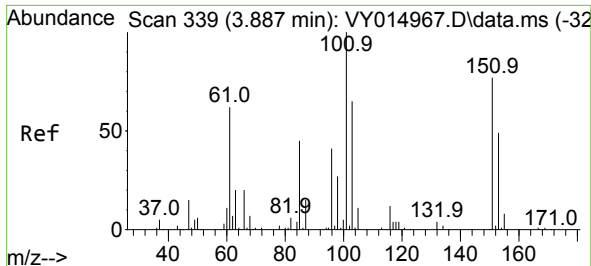
Tgt Ion:101 Resp: 234515
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.0



#8
Diethyl Ether
Concen: 45.067 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.006 min
Lab File: VY014971.D
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Tgt Ion: 74 Resp: 86724
Ion Ratio Lower Upper
74 100
45 90.9 51.5 154.5

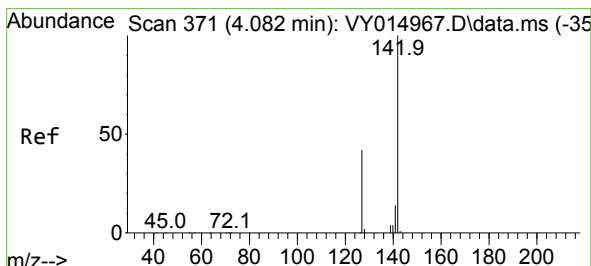
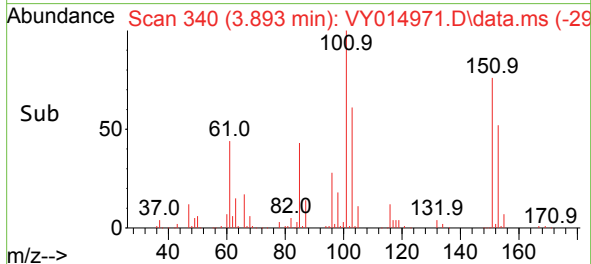
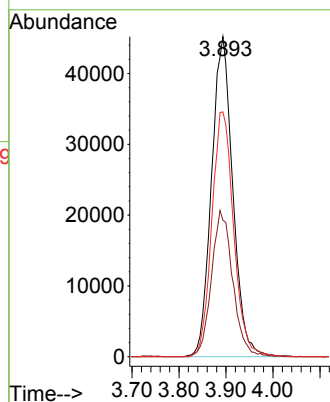
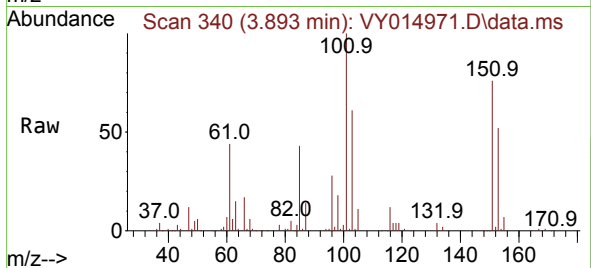




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.990 ug/l
RT: 3.893 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY014971.D
Acq: 07 Aug 2023 18:25

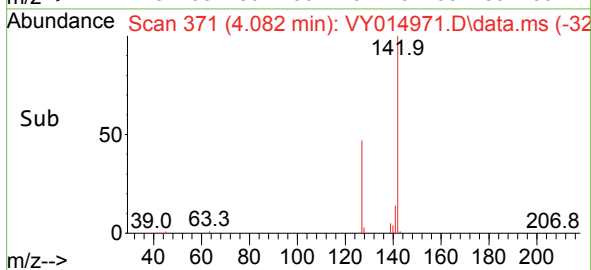
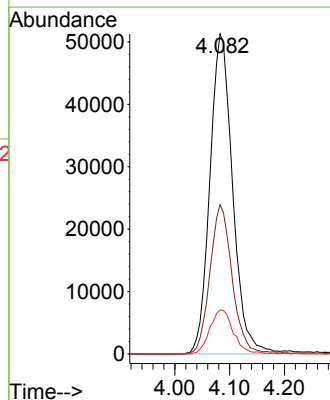
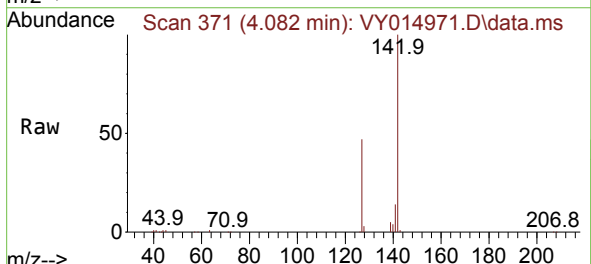
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY080723

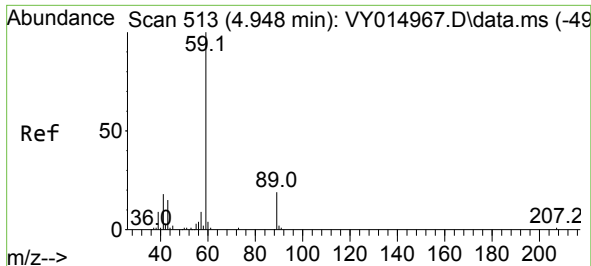
Tgt Ion:101 Resp: 141976
Ion Ratio Lower Upper
101 100
85 45.6 36.6 55.0
151 78.6 67.0 100.6



#10
Methyl Iodide
Concen: 46.234 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY014971.D
Acq: 07 Aug 2023 18:25

Tgt Ion:142 Resp: 147565
Ion Ratio Lower Upper
142 100
127 45.9 37.6 56.4
141 14.3 11.8 17.8





#11

Tert butyl alcohol

Concen: 176.102 ug/l

RT: 4.948 min Scan# 513

Delta R.T. 0.000 min

Lab File: VY014971.D

Acq: 07 Aug 2023 18:25

Instrument :

MSVOA_Y

ClientSampleId :

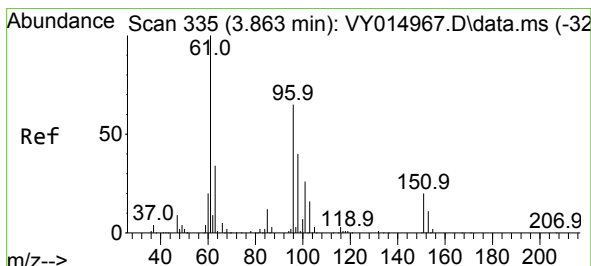
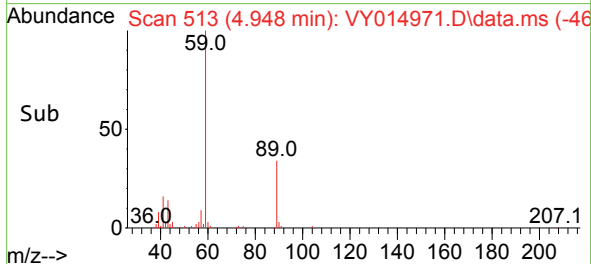
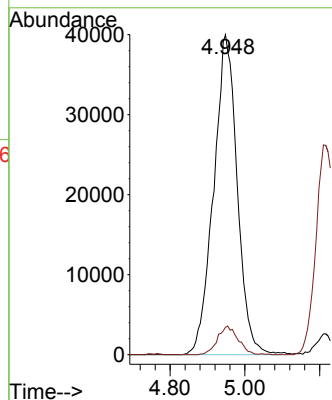
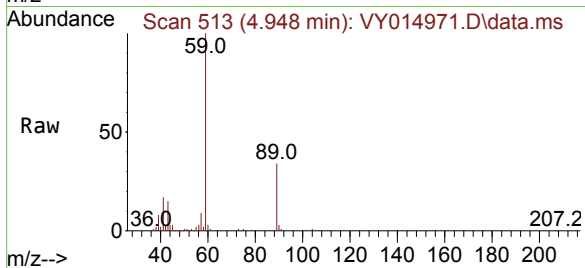
ICVY080723

Tgt Ion: 59 Resp: 175296

Ion Ratio Lower Upper

59 100

57 7.7 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 45.640 ug/l

RT: 3.863 min Scan# 335

Delta R.T. 0.000 min

Lab File: VY014971.D

Acq: 07 Aug 2023 18:25

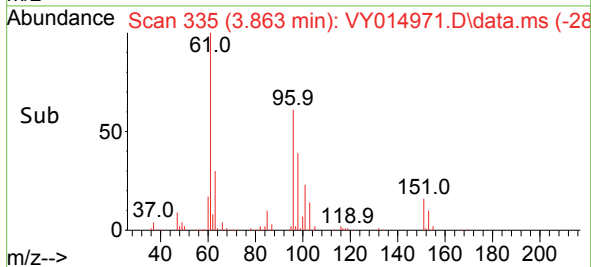
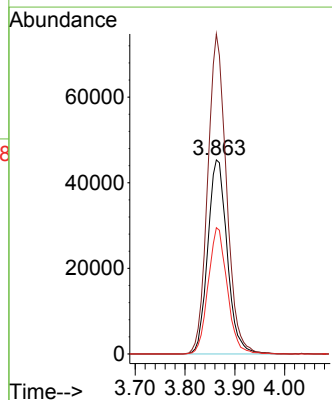
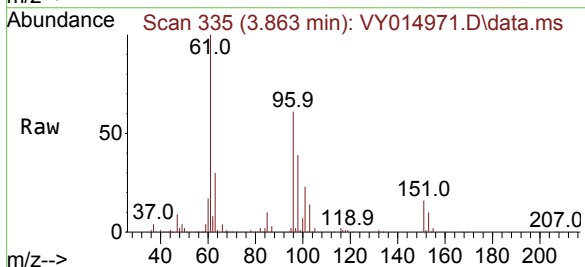
Tgt Ion: 96 Resp: 122762

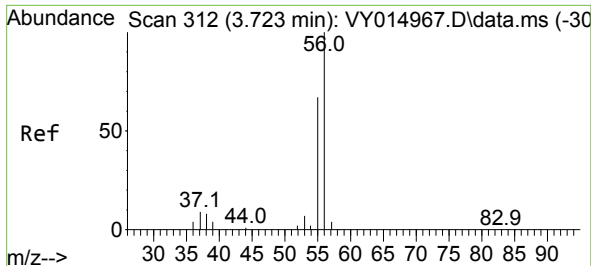
Ion Ratio Lower Upper

96 100

61 164.8 136.4 204.6

98 65.0 49.4 74.2





#13

Acrolein

Concen: 270.593 ug/l

RT: 3.723 min Scan# 312

Delta R.T. 0.000 min

Lab File: VY014971.D

Acq: 07 Aug 2023 18:25

Instrument :

MSVOA_Y

ClientSampleId :

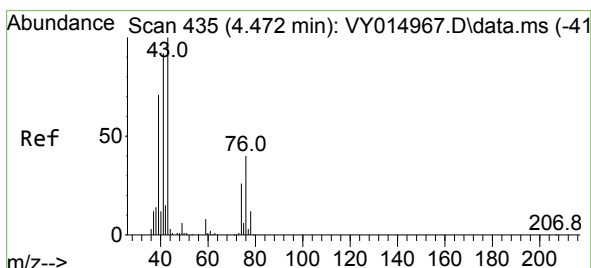
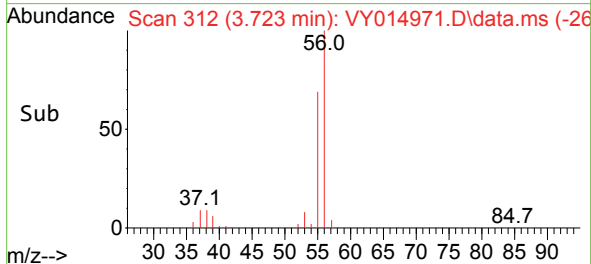
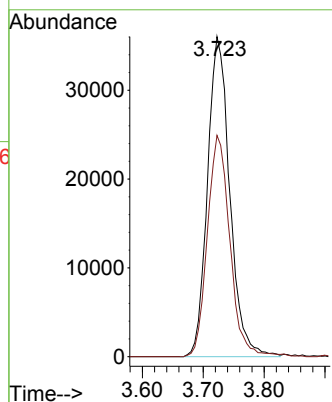
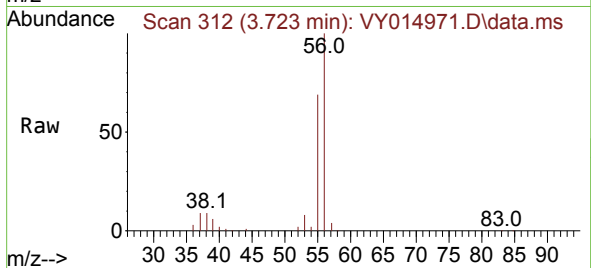
ICVVY080723

Tgt Ion: 56 Resp: 91631

Ion Ratio Lower Upper

56 100

55 70.0 57.0 85.4



#14

Allyl chloride

Concen: 45.188 ug/l

RT: 4.473 min Scan# 435

Delta R.T. 0.000 min

Lab File: VY014971.D

Acq: 07 Aug 2023 18:25

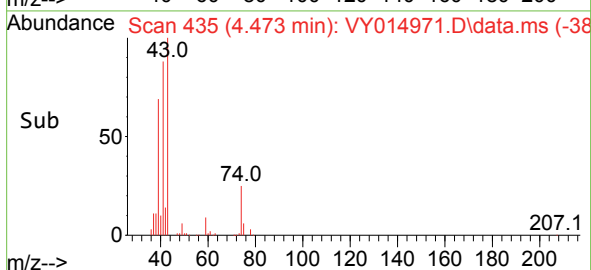
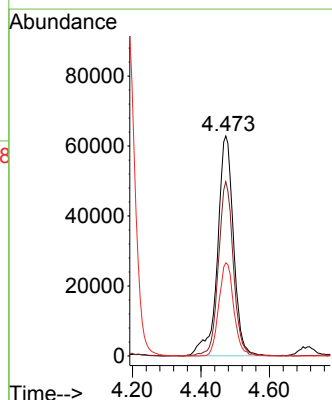
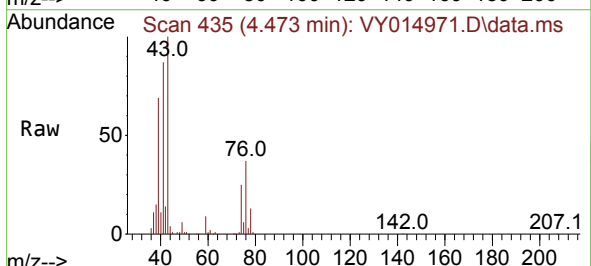
Tgt Ion: 41 Resp: 202407

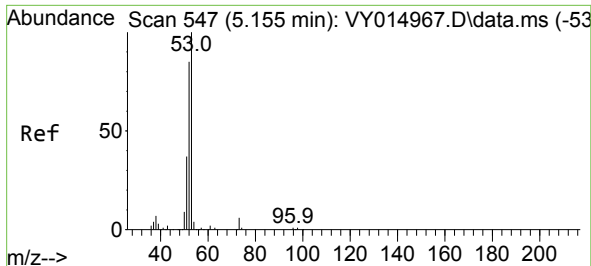
Ion Ratio Lower Upper

41 100

39 74.4 58.0 87.0

76 39.7 27.4 41.2

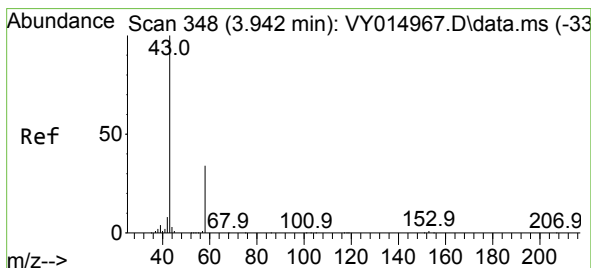
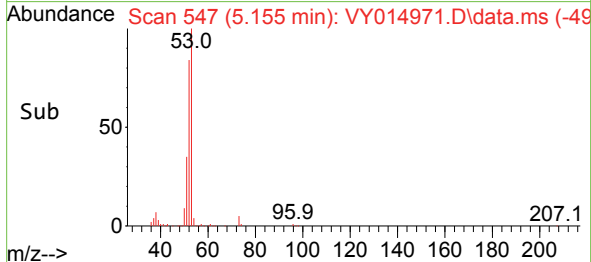
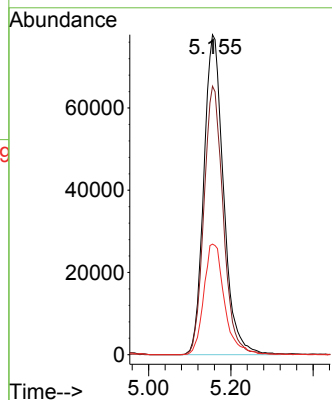
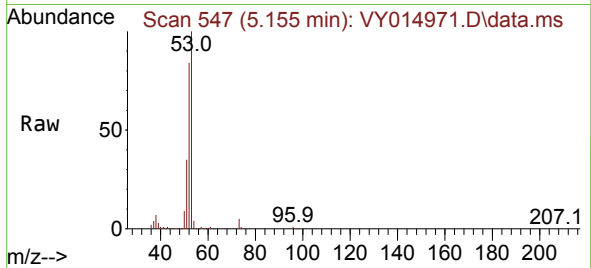




#15
Acrylonitrile
Concen: 220.613 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY014971.D
Acq: 07 Aug 2023 18:25

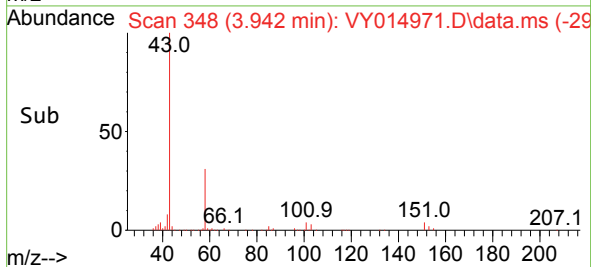
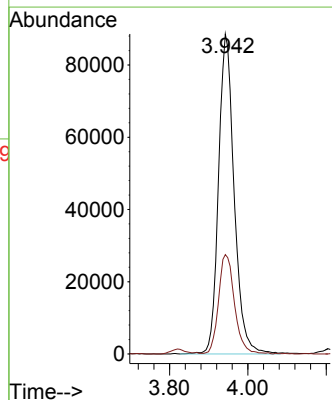
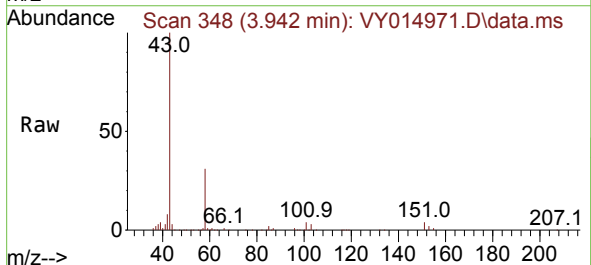
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY080723

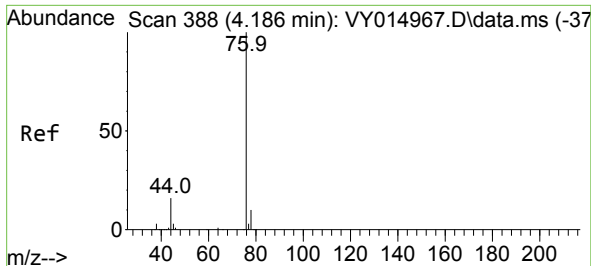
Tgt Ion: 53 Resp: 259358
Ion Ratio Lower Upper
53 100
52 82.0 66.9 100.3
51 36.3 29.8 44.6



#16
Acetone
Concen: 191.107 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014971.D
Acq: 07 Aug 2023 18:25

Tgt Ion: 43 Resp: 245793
Ion Ratio Lower Upper
43 100
58 31.0 22.7 34.1

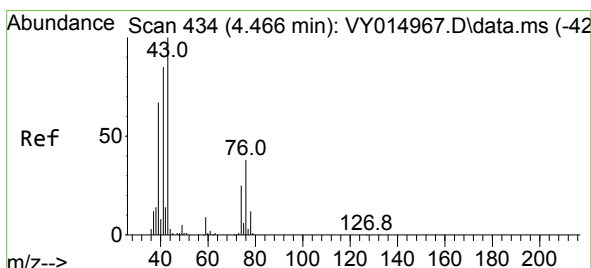
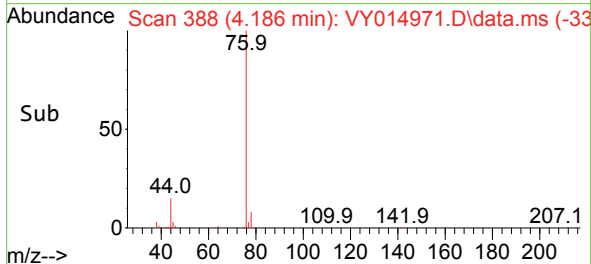
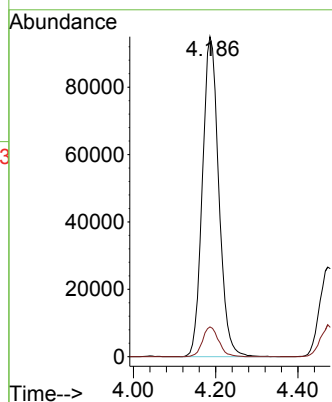
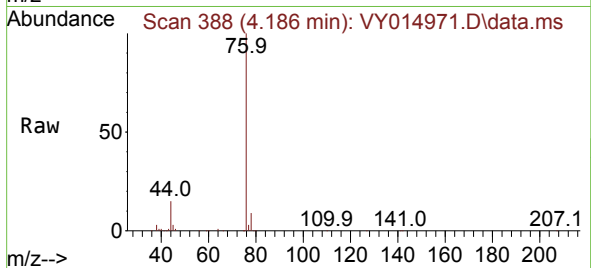




#17
Carbon Disulfide
Concen: 44.087 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY014971.D
Acq: 07 Aug 2023 18:25

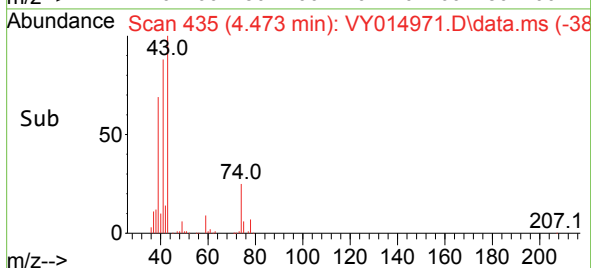
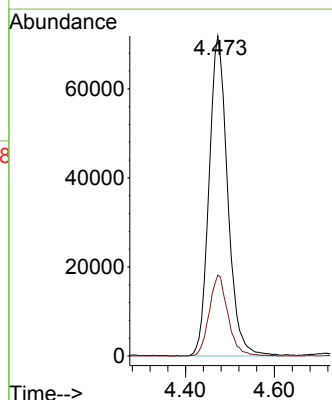
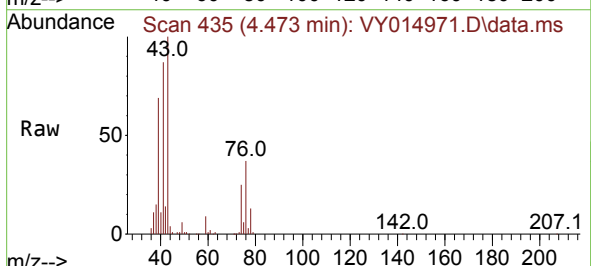
Instrument :
MSVOA_Y
ClientSampleId :
ICVY080723

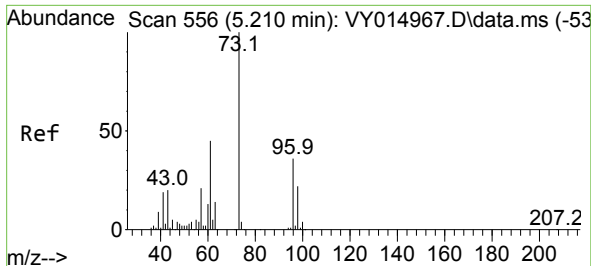
Tgt Ion: 76 Resp: 262188
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4



#18
Methyl Acetate
Concen: 44.688 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY014971.D
Acq: 07 Aug 2023 18:25

Tgt Ion: 43 Resp: 209310
Ion Ratio Lower Upper
43 100
74 25.3 17.4 26.0

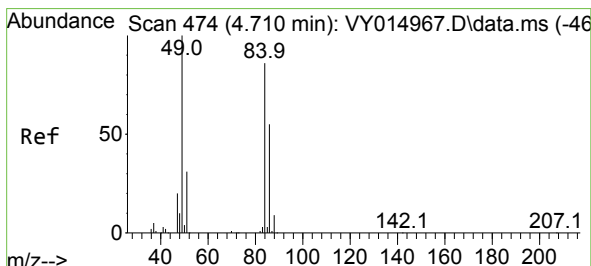
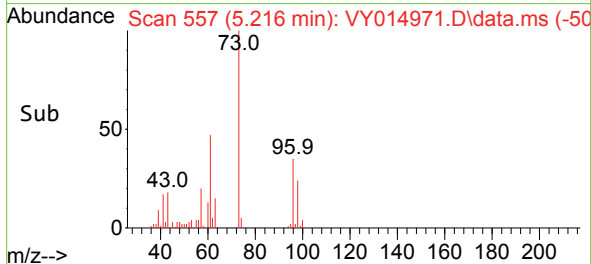
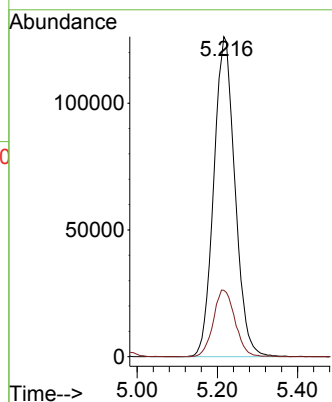
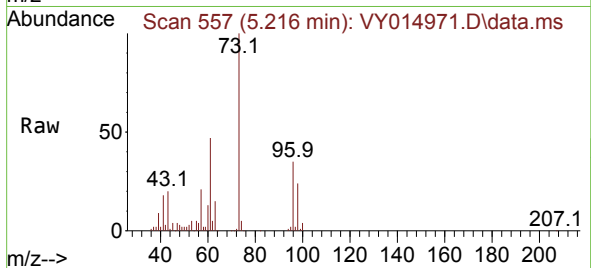




#19
Methyl tert-butyl Ether
Concen: 45.435 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY014971.D
Acq: 07 Aug 2023 18:25

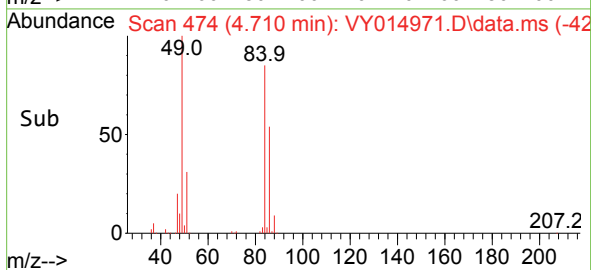
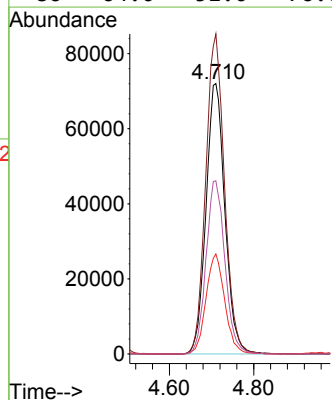
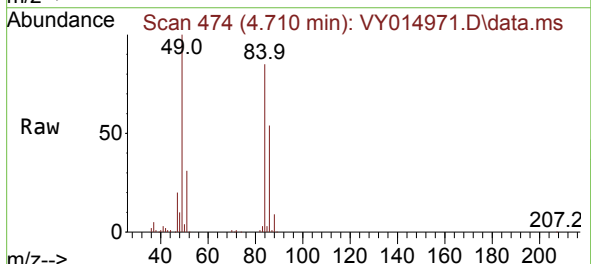
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY080723

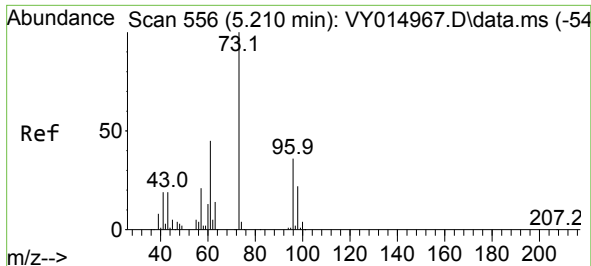
Tgt Ion: 73 Resp: 462366
Ion Ratio Lower Upper
73 100
57 20.7 17.3 25.9



#20
Methylene Chloride
Concen: 44.814 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY014971.D
Acq: 07 Aug 2023 18:25

Tgt Ion: 84 Resp: 224955
Ion Ratio Lower Upper
84 100
49 118.3 106.9 160.3
51 37.0 33.2 49.8
86 64.0 51.0 76.6

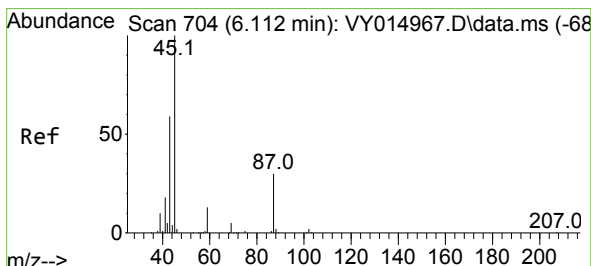
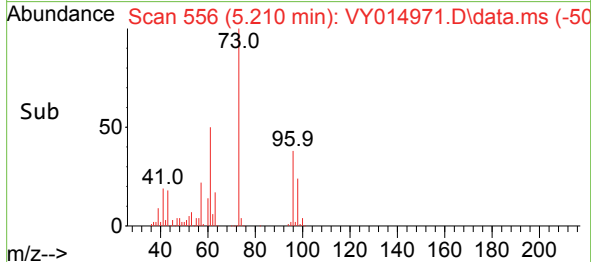
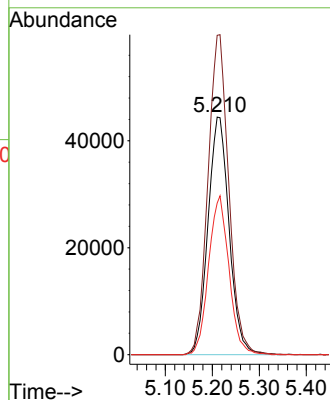
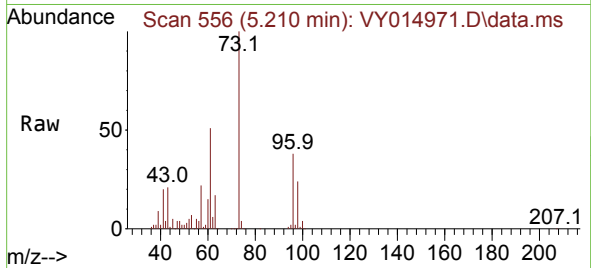




#21
trans-1,2-Dichloroethene
Concen: 45.219 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY014971.D
Acq: 07 Aug 2023 18:25

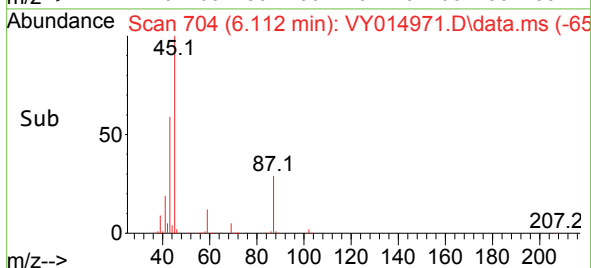
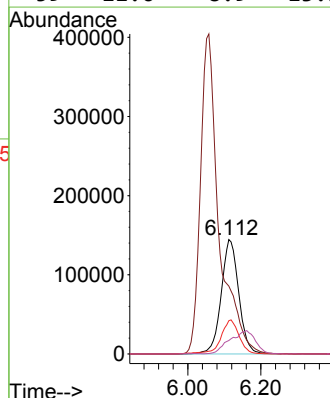
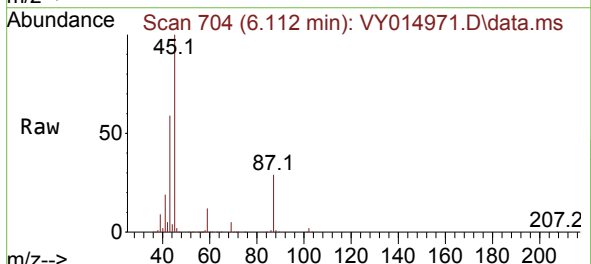
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY080723

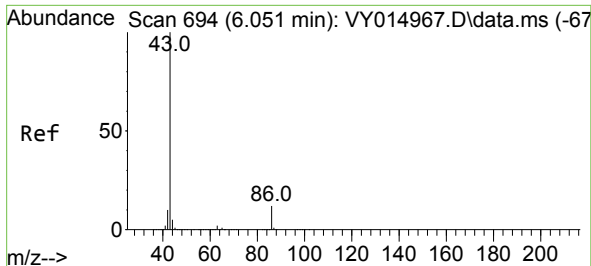
Tgt Ion: 96 Resp: 138641
Ion Ratio Lower Upper
96 100
61 134.4 110.2 165.4
98 63.8 51.8 77.6



#22
Diisopropyl ether
Concen: 46.258 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY014971.D
Acq: 07 Aug 2023 18:25

Tgt Ion: 45 Resp: 482620
Ion Ratio Lower Upper
45 100
43 59.2 52.2 78.4
87 29.1 21.0 31.6
59 11.6 8.9 13.3

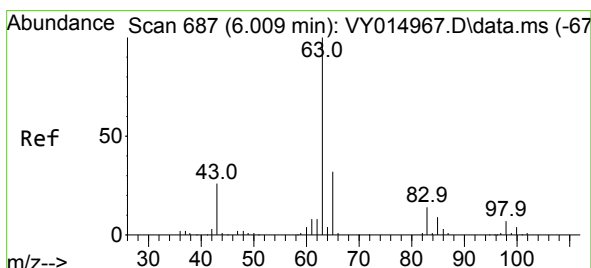
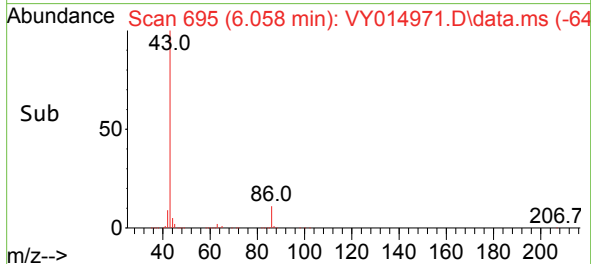
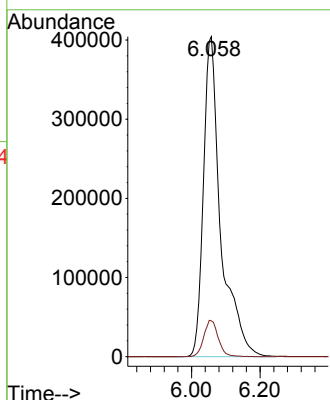
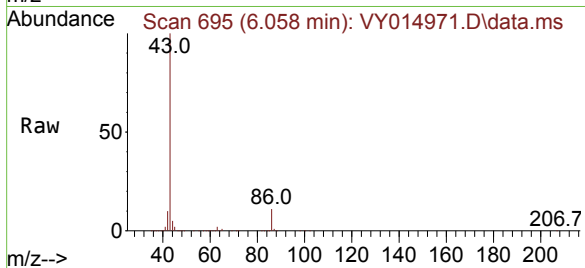




#23
 Vinyl Acetate
 Concen: 227.065 ug/l
 RT: 6.058 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY014971.D
 Acq: 07 Aug 2023 18:25

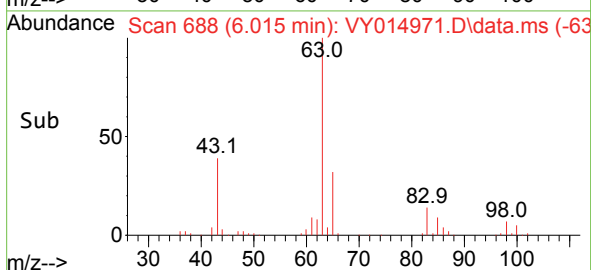
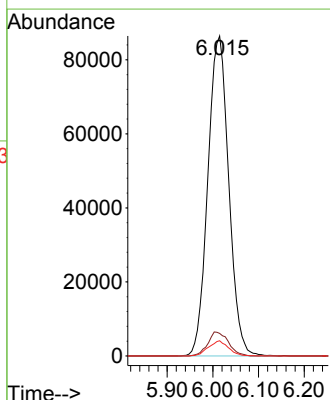
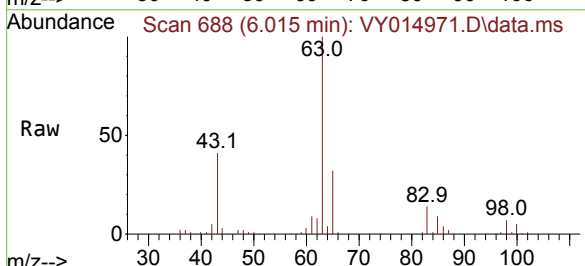
Instrument :
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 ClientSampleId :
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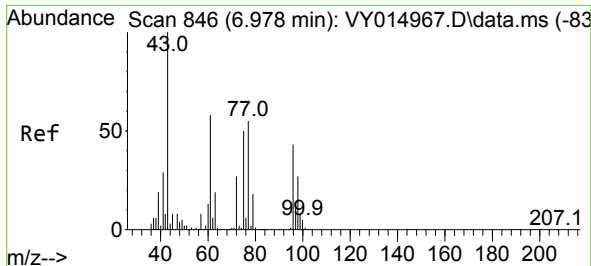
Tgt Ion: 43 Resp: 1424103
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 46.392 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY014971.D
 Acq: 07 Aug 2023 18:25

Tgt Ion: 63 Resp: 274547
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.1 9.4
 100 4.7 1.8 5.5

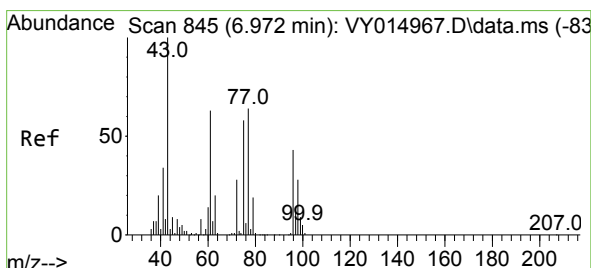
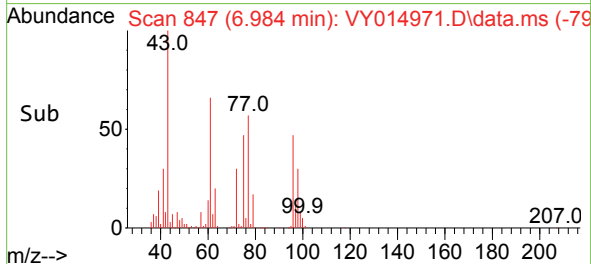
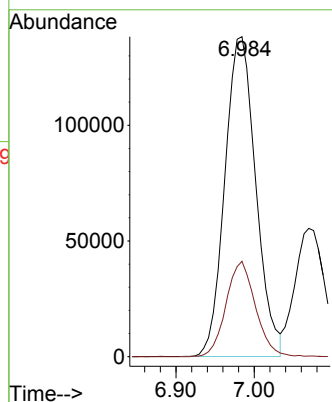
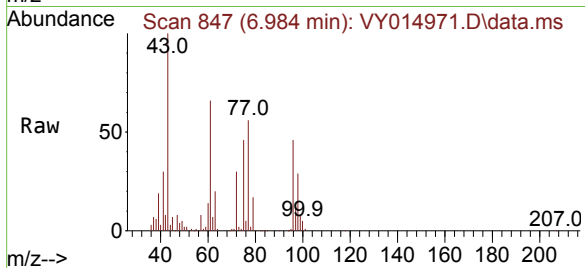




#25
2-Butanone
Concen: 206.301 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY014971.D
Acq: 07 Aug 2023 18:25

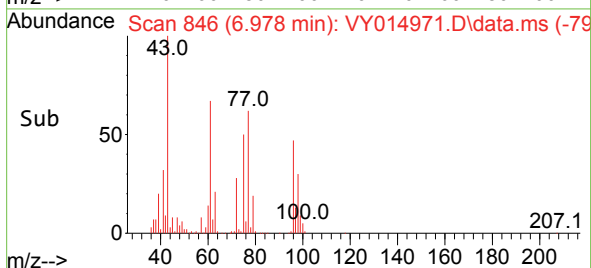
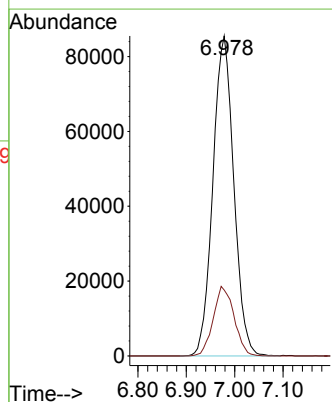
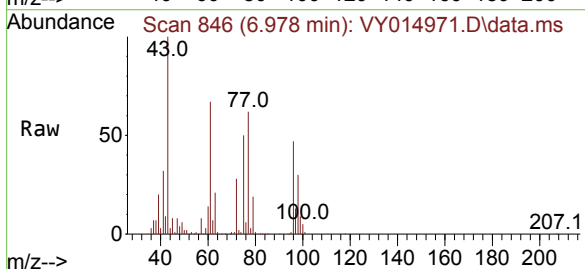
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY080723

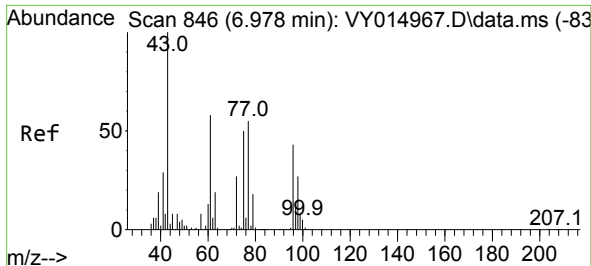
Tgt Ion: 43 Resp: 380039
Ion Ratio Lower Upper
43 100
72 29.8 20.5 30.7



#26
2,2-Dichloropropane
Concen: 42.844 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY014971.D
Acq: 07 Aug 2023 18:25

Tgt Ion: 77 Resp: 256554
Ion Ratio Lower Upper
77 100
97 21.7 10.9 32.9

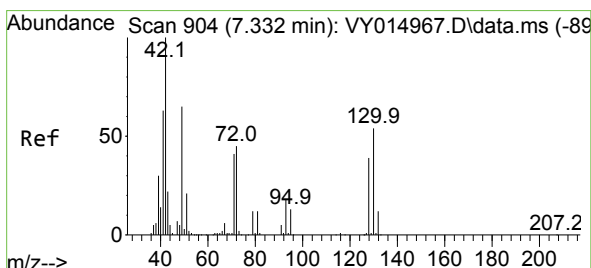
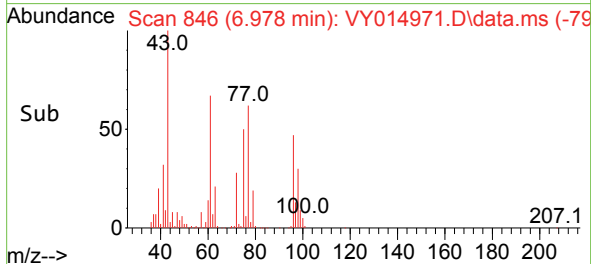
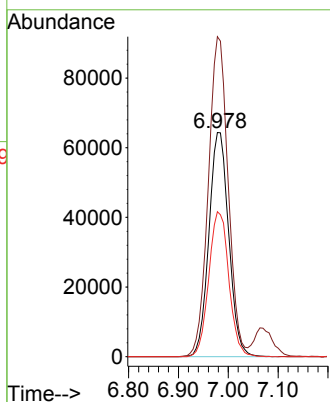
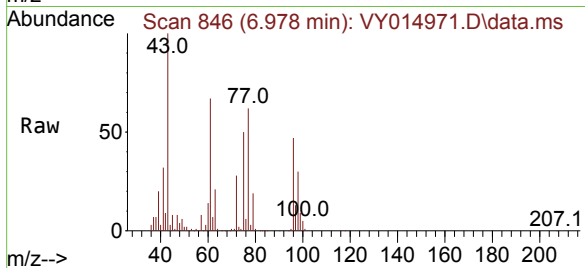




#27
 cis-1,2-Dichloroethene
 Concen: 45.769 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY014971.D
 Acq: 07 Aug 2023 18:25

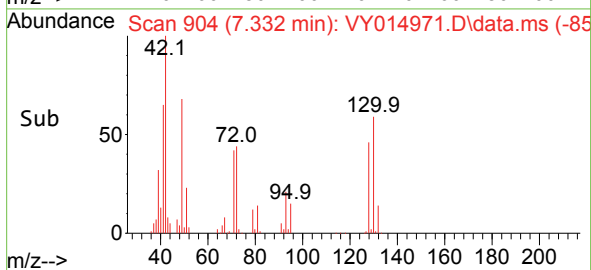
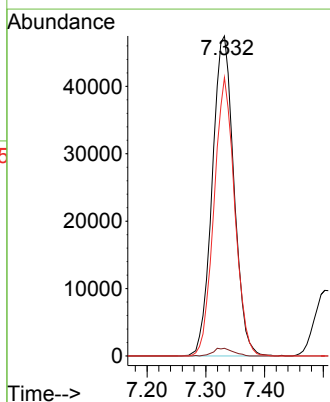
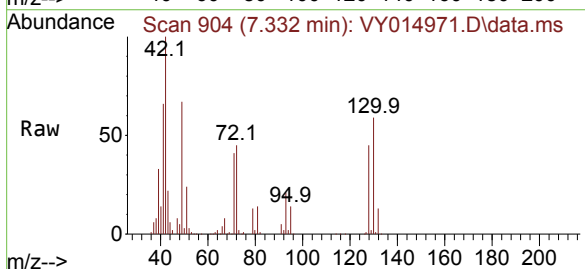
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY080723

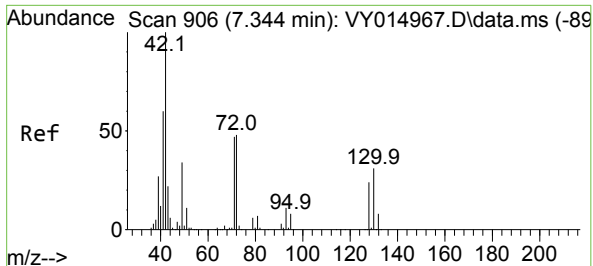
Tgt Ion: 96 Resp: 177584
 Ion Ratio Lower Upper
 96 100
 61 142.9 0.0 301.4
 98 65.5 0.0 130.4



#28
 Bromochloromethane
 Concen: 45.633 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.000 min
 Lab File: VY014971.D
 Acq: 07 Aug 2023 18:25

Tgt Ion: 49 Resp: 121739
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 82.9 60.7 91.1





#29

Tetrahydrofuran

Concen: 219.419 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY014971.D

Acq: 07 Aug 2023 18:25

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY080723

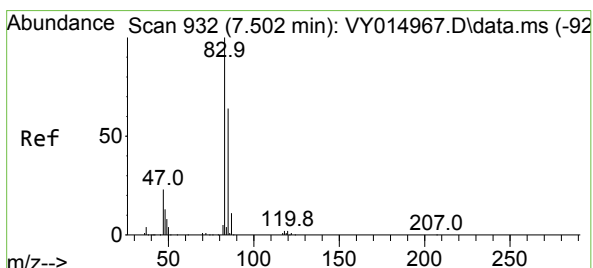
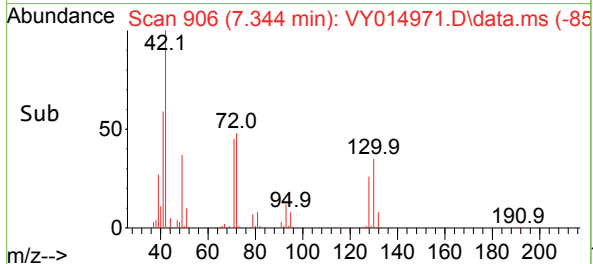
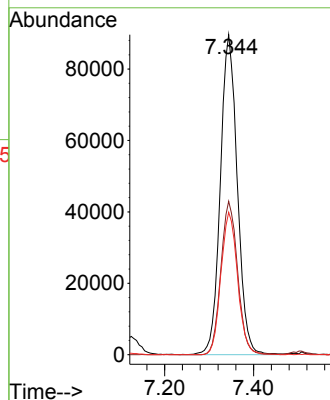
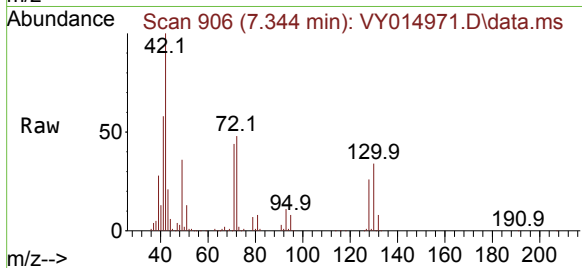
Tgt Ion: 42 Resp: 237033

Ion Ratio Lower Upper

42 100

72 47.2 32.8 49.2

71 43.8 31.0 46.4



#30

Chloroform

Concen: 46.439 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY014971.D

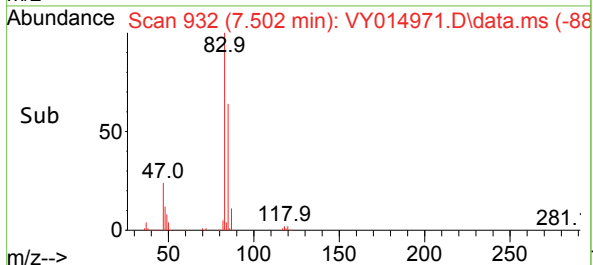
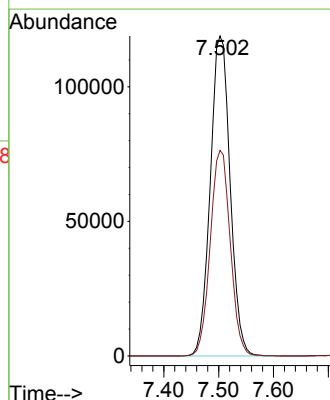
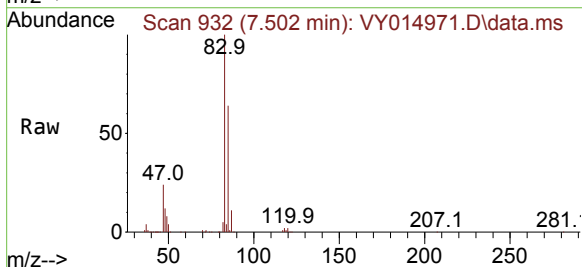
Acq: 07 Aug 2023 18:25

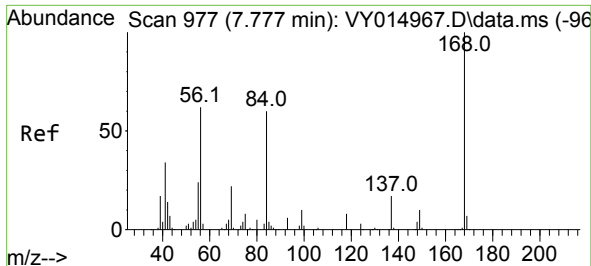
Tgt Ion: 83 Resp: 298538

Ion Ratio Lower Upper

83 100

85 64.3 49.7 74.5

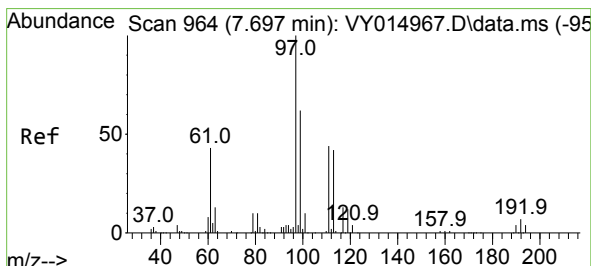
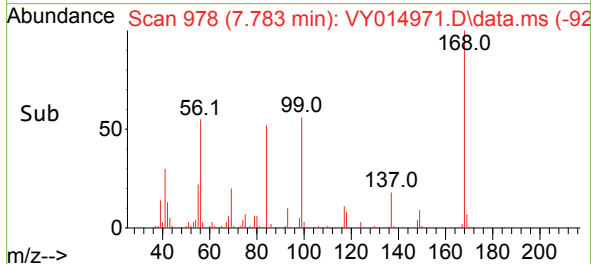
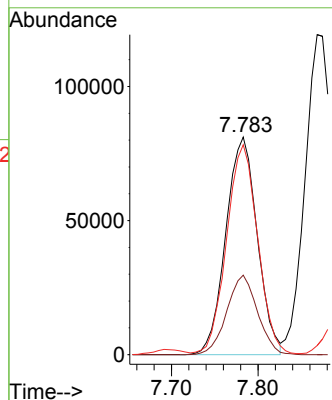
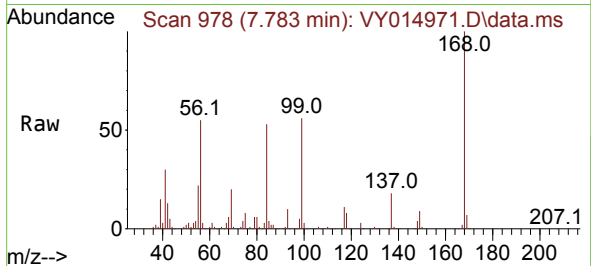




#31
Cyclohexane
Concen: 47.774 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014971.D
Acq: 07 Aug 2023 18:25

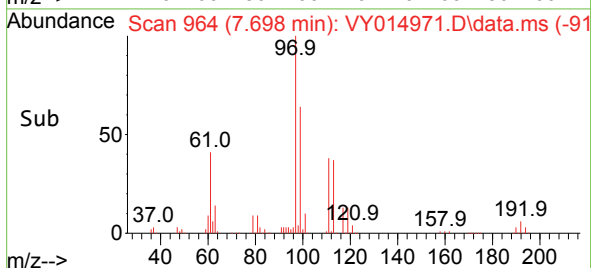
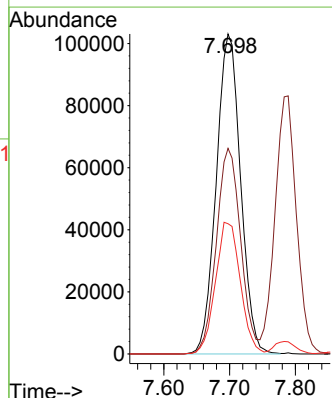
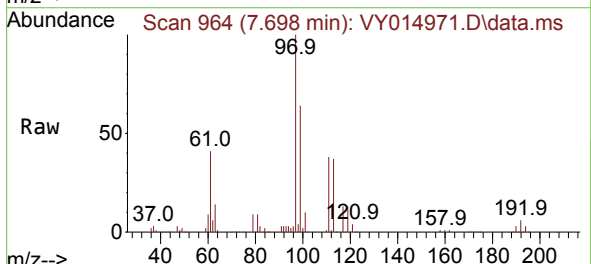
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY080723

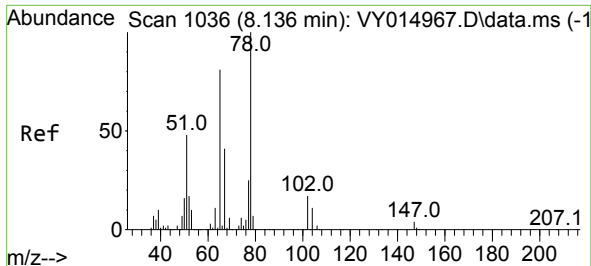
Tgt Ion: 56 Resp: 204502
Ion Ratio Lower Upper
56 100
69 36.5 27.8 41.6
84 94.7 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 46.924 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY014971.D
Acq: 07 Aug 2023 18:25

Tgt Ion: 97 Resp: 265844
Ion Ratio Lower Upper
97 100
99 64.5 50.8 76.2
61 42.0 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 43.937 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY014971.D

Acq: 07 Aug 2023 18:25

Instrument :

MSVOA_Y

ClientSampleId :

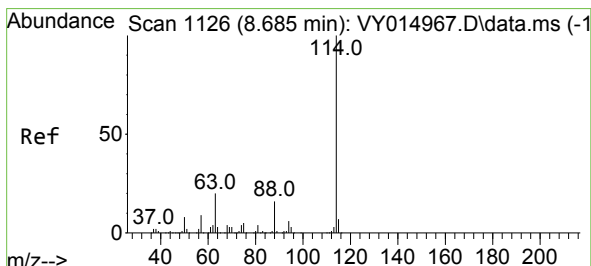
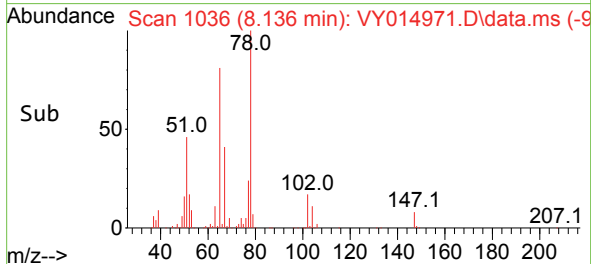
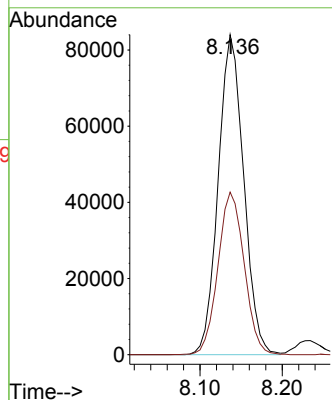
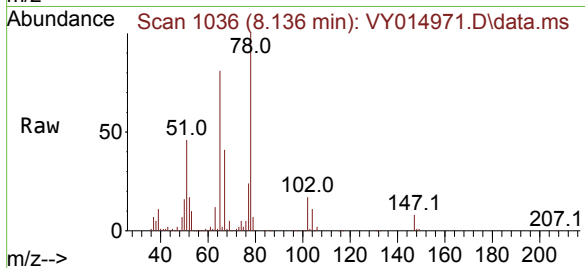
ICVVY080723

Tgt Ion: 65 Resp: 181221

Ion Ratio Lower Upper

65 100

67 52.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014971.D

Acq: 07 Aug 2023 18:25

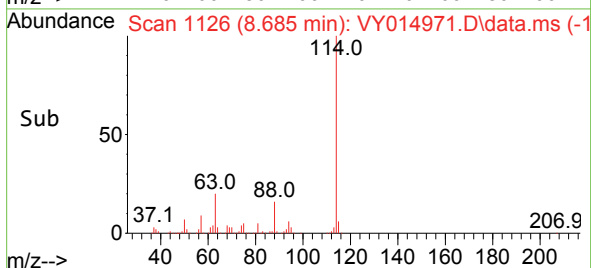
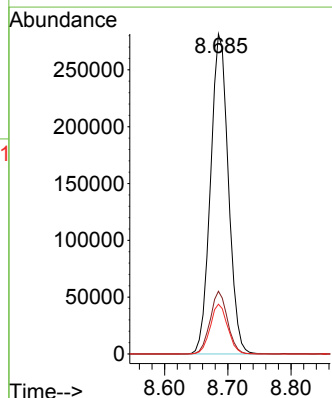
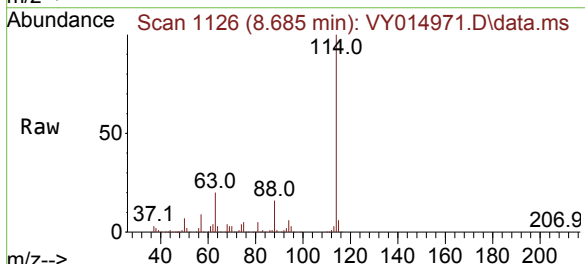
Tgt Ion: 114 Resp: 551511

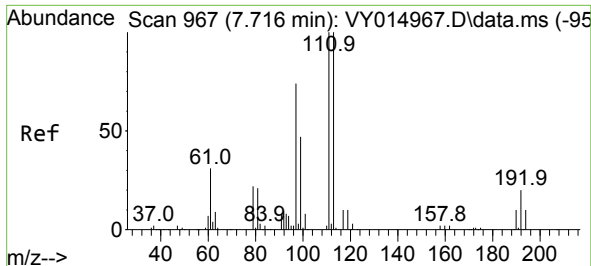
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

88 15.6 0.0 30.6

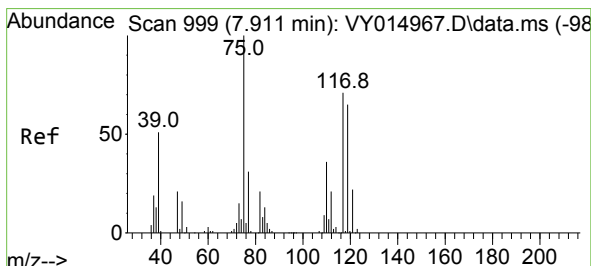
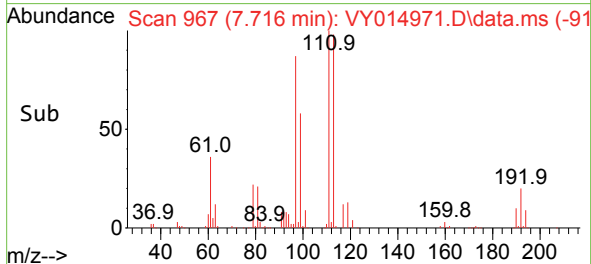
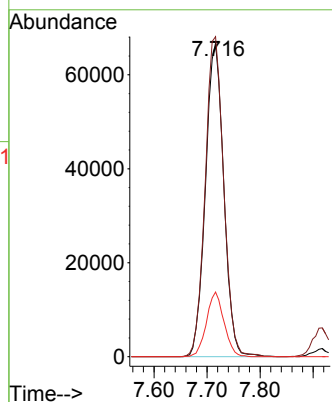
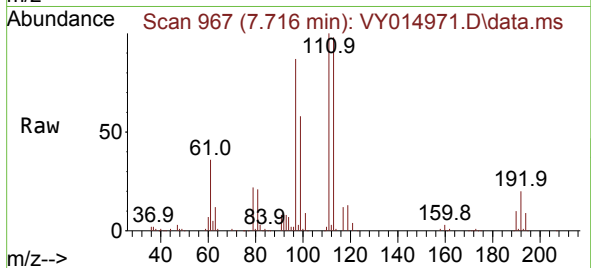




#35
Dibromofluoromethane
Concen: 45.350 ug/l
RT: 7.716 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY014971.D
Acq: 07 Aug 2023 18:25

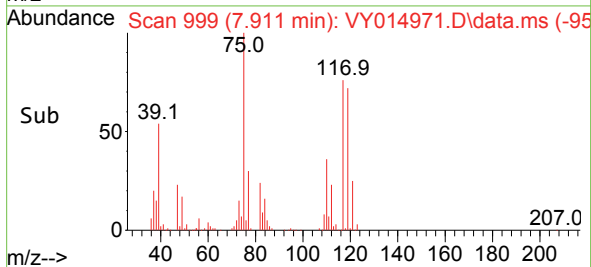
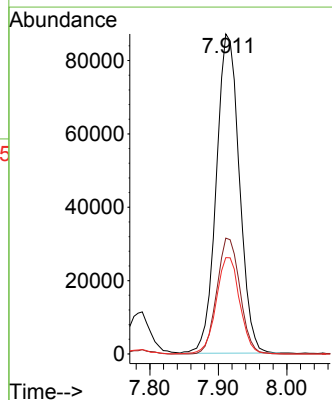
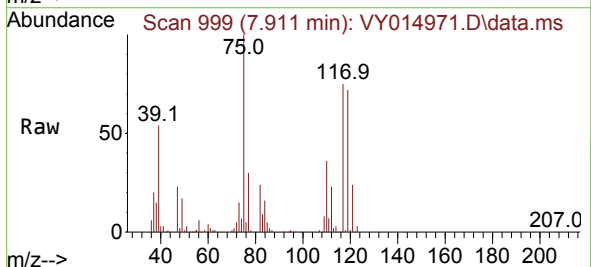
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY080723

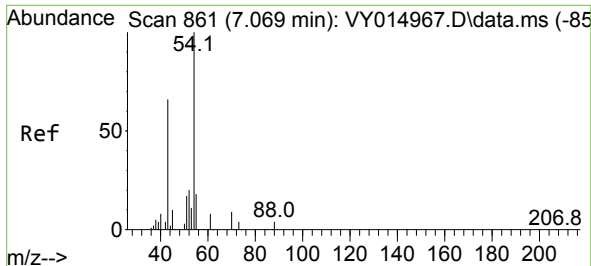
Tgt Ion:113 Resp: 159941
Ion Ratio Lower Upper
113 100
111 103.3 81.3 121.9
192 19.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 46.458 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY014971.D
Acq: 07 Aug 2023 18:25

Tgt Ion: 75 Resp: 203419
Ion Ratio Lower Upper
75 100
110 36.2 17.8 53.5
77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 43.917 ug/l

RT: 7.070 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY014971.D

Acq: 07 Aug 2023 18:25

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY080723

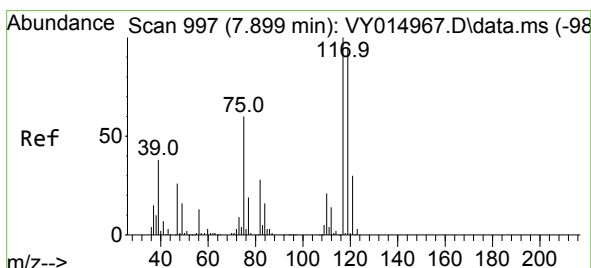
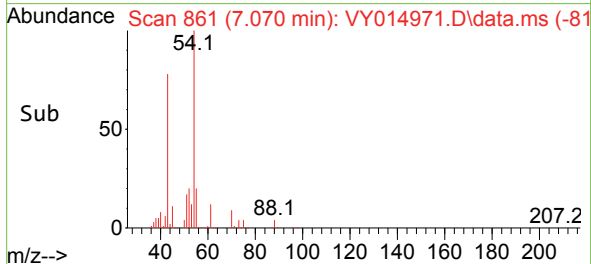
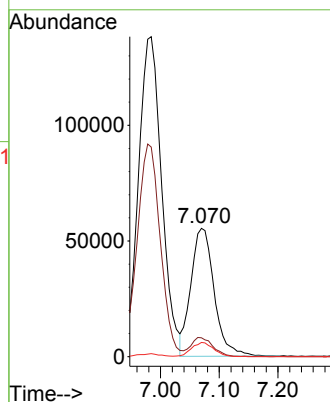
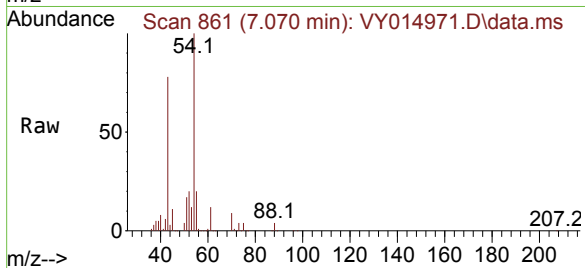
Tgt Ion: 43 Resp: 152636

Ion Ratio Lower Upper

43 100

61 14.0 10.1 15.1

70 10.7 7.1 10.7



#38

Carbon Tetrachloride

Concen: 47.354 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY014971.D

Acq: 07 Aug 2023 18:25

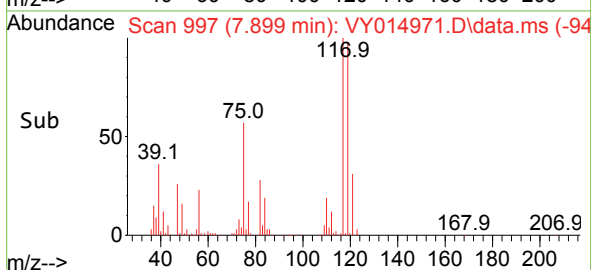
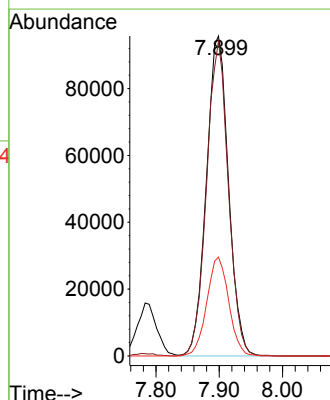
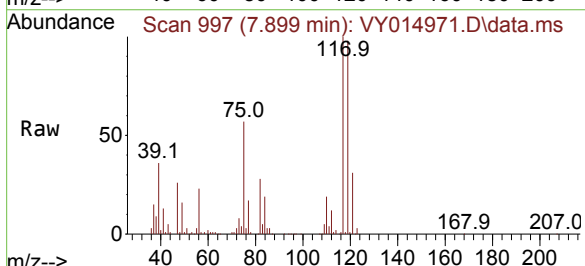
Tgt Ion: 117 Resp: 233096

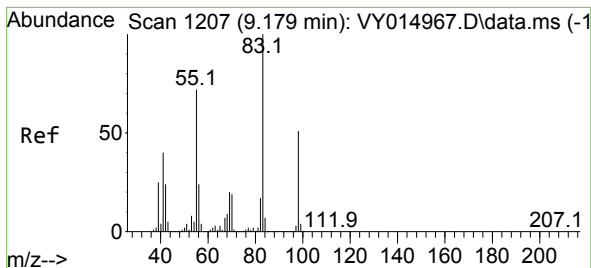
Ion Ratio Lower Upper

117 100

119 98.4 76.4 114.6

121 30.9 25.8 38.6





#39

Methylcyclohexane

Concen: 46.390 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014971.D

Acq: 07 Aug 2023 18:25

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY080723

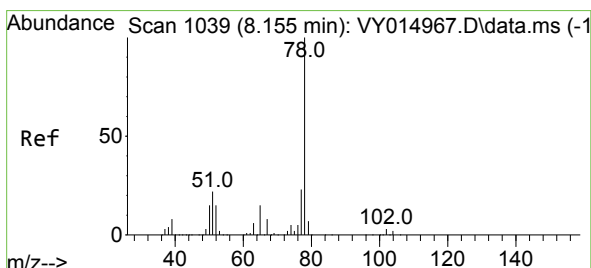
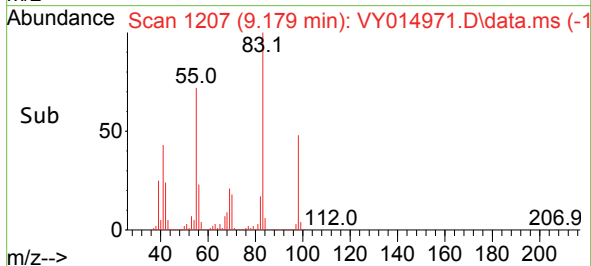
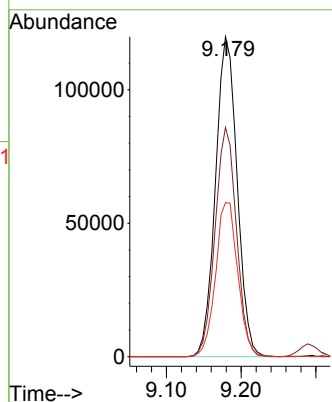
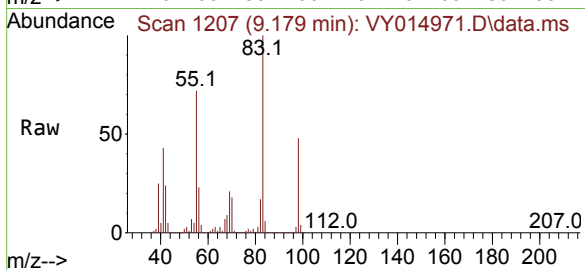
Tgt Ion: 83 Resp: 241555

Ion Ratio Lower Upper

83 100

55 71.6 63.0 94.4

98 48.2 37.4 56.2



#40

Benzene

Concen: 45.967 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY014971.D

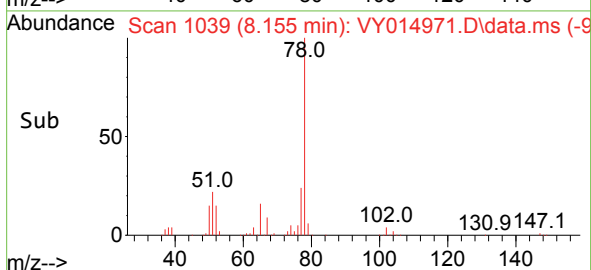
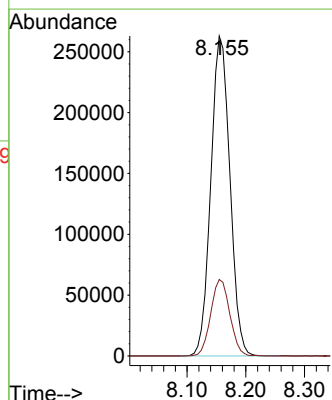
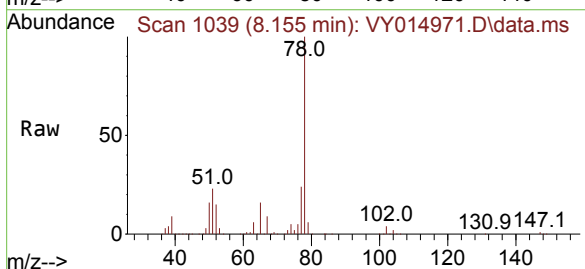
Acq: 07 Aug 2023 18:25

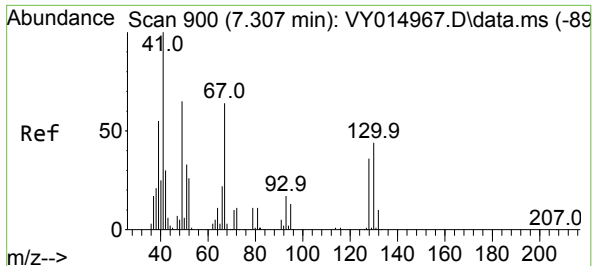
Tgt Ion: 78 Resp: 592668

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.6

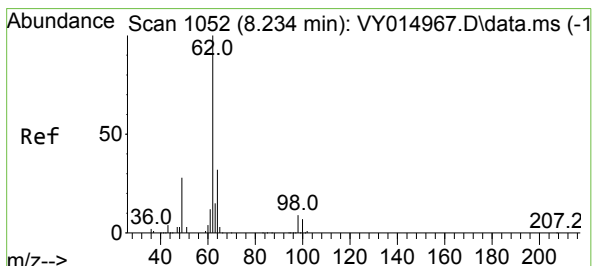
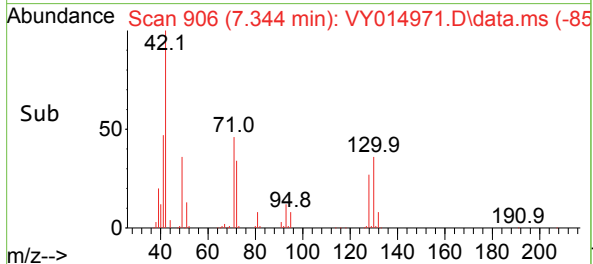
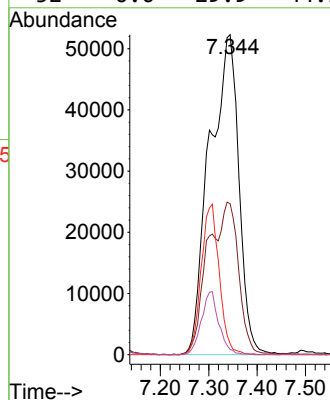
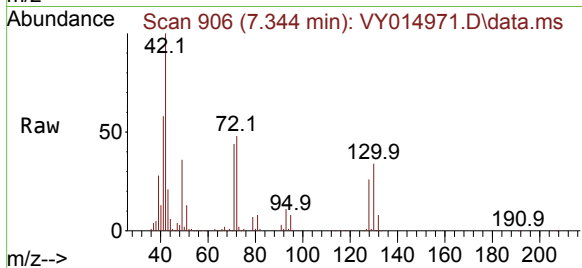




#41
Methacrylonitrile
Concen: 129.777 ug/l
RT: 7.344 min Scan# 900
Delta R.T. 0.037 min
Lab File: VY014971.D
Acq: 07 Aug 2023 18:25

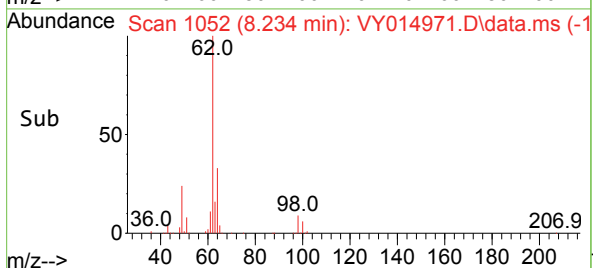
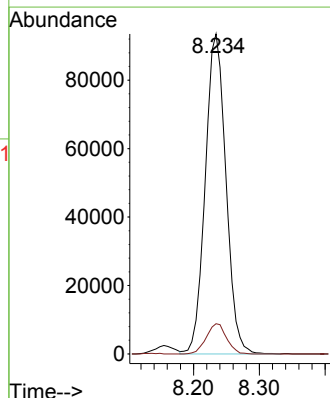
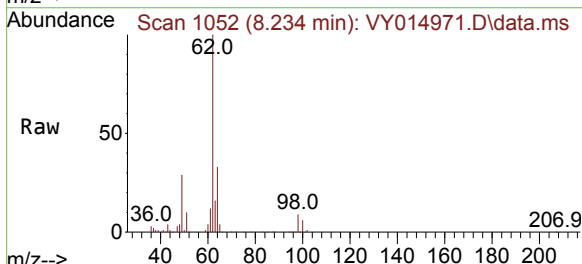
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY080723

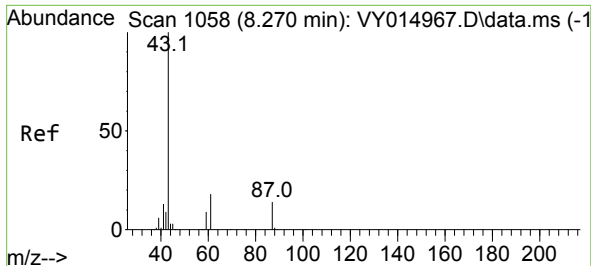
Tgt Ion: 41 Resp: 219196
Ion Ratio Lower Upper
41 100
39 28.3 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 45.625 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY014971.D
Acq: 07 Aug 2023 18:25

Tgt Ion: 62 Resp: 204764
Ion Ratio Lower Upper
62 100
98 9.3 0.0 15.8

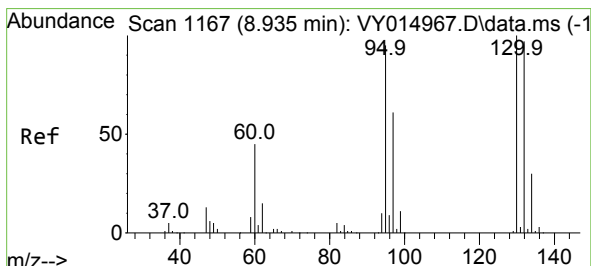
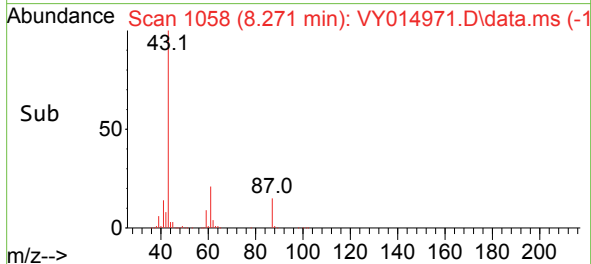
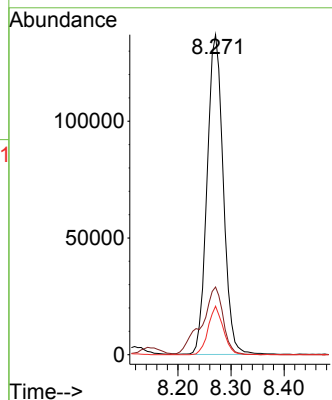
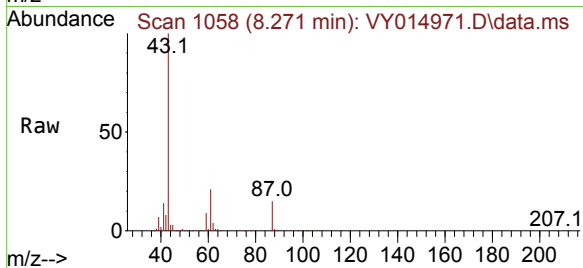




#43
Isopropyl Acetate
Concen: 44.768 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY014971.D
Acq: 07 Aug 2023 18:25

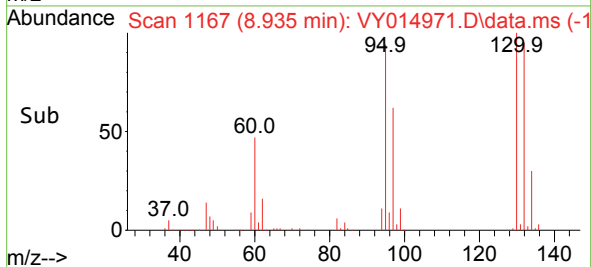
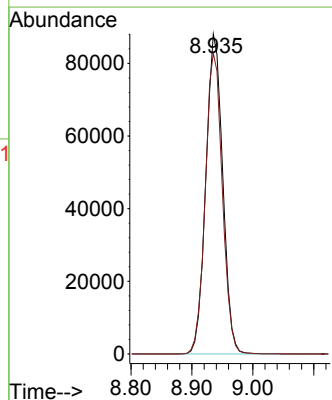
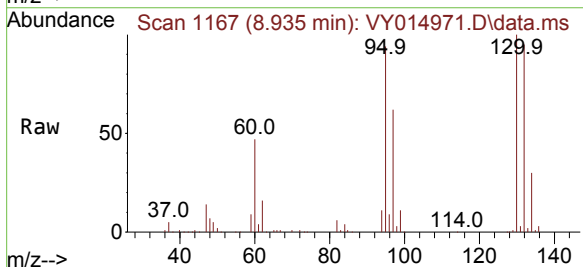
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY080723

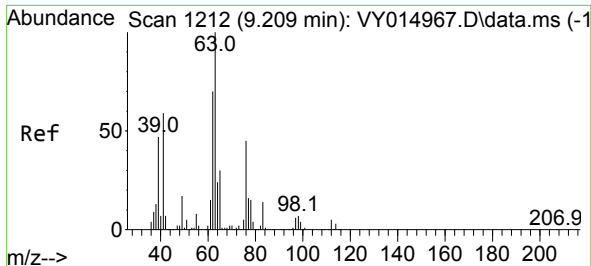
Tgt Ion: 43 Resp: 289082
Ion Ratio Lower Upper
43 100
61 28.3 21.1 31.7
87 14.2 9.8 14.8



#44
Trichloroethene
Concen: 45.773 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY014971.D
Acq: 07 Aug 2023 18:25

Tgt Ion:130 Resp: 169340
Ion Ratio Lower Upper
130 100
95 94.0 0.0 196.0

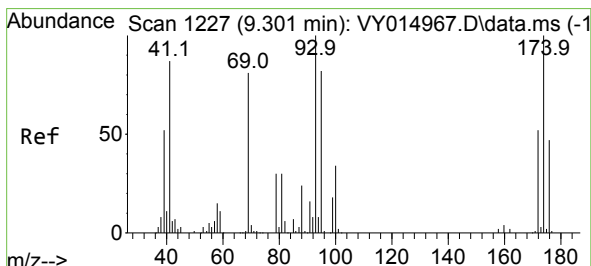
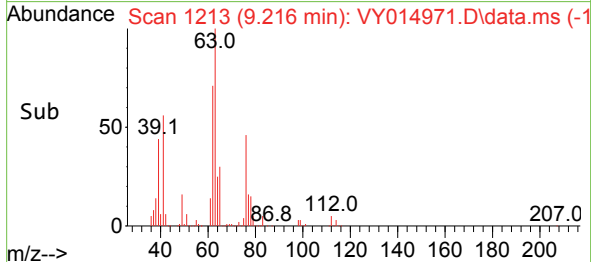
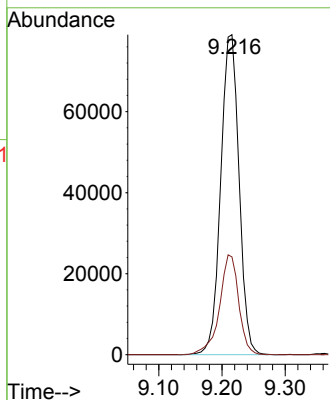
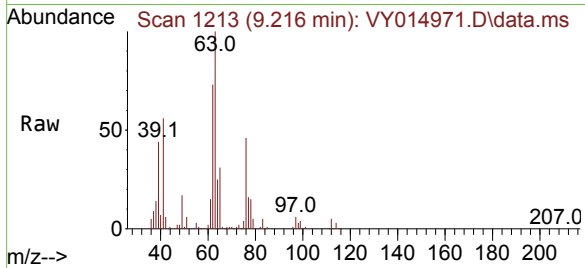




#45
1,2-Dichloropropane
Concen: 46.165 ug/l
RT: 9.216 min Scan# 1213
Delta R.T. 0.006 min
Lab File: VY014971.D
Acq: 07 Aug 2023 18:25

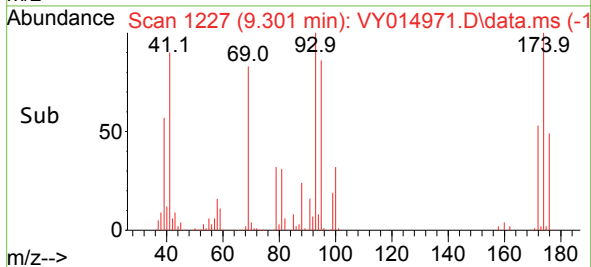
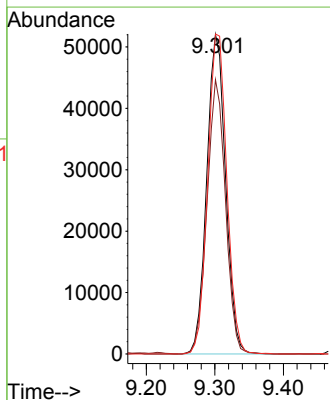
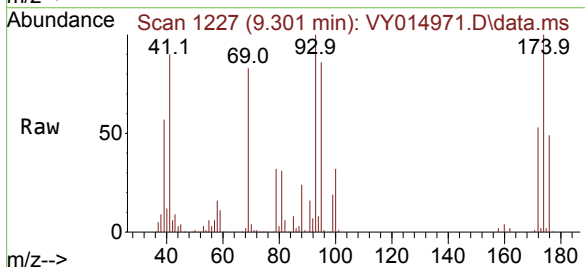
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY080723

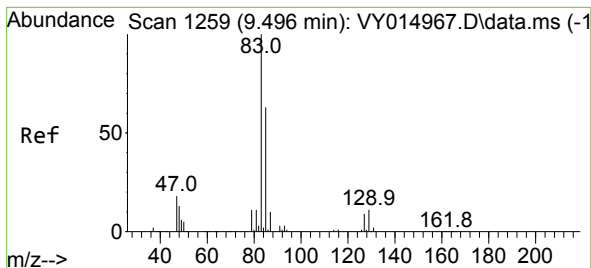
Tgt Ion: 63 Resp: 158190
Ion Ratio Lower Upper
63 100
65 30.6 23.8 35.6



#46
Dibromomethane
Concen: 45.083 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY014971.D
Acq: 07 Aug 2023 18:25

Tgt Ion: 93 Resp: 99517
Ion Ratio Lower Upper
93 100
95 84.0 66.6 100.0
174 101.3 84.8 127.2





#47

Bromodichloromethane

Concen: 47.805 ug/l

RT: 9.490 min Scan# 1259

Delta R.T. -0.006 min

Lab File: VY014971.D

Acq: 07 Aug 2023 18:25

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY080723

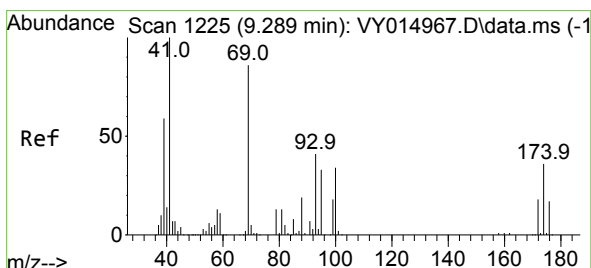
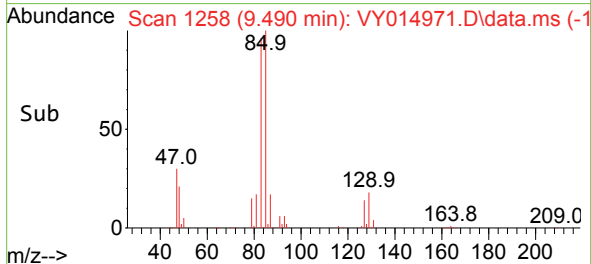
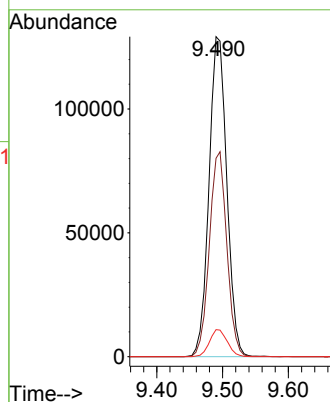
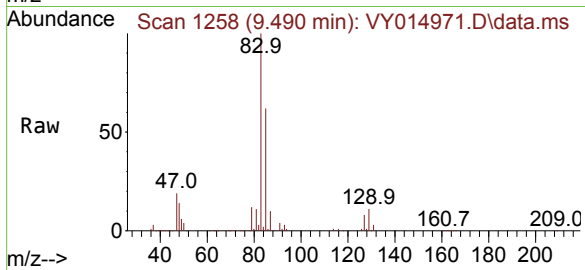
Tgt Ion: 83 Resp: 243003

Ion Ratio Lower Upper

83 100

85 62.0 50.1 75.1

127 8.5 7.1 10.7



#48

Methyl methacrylate

Concen: 45.596 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. 0.000 min

Lab File: VY014971.D

Acq: 07 Aug 2023 18:25

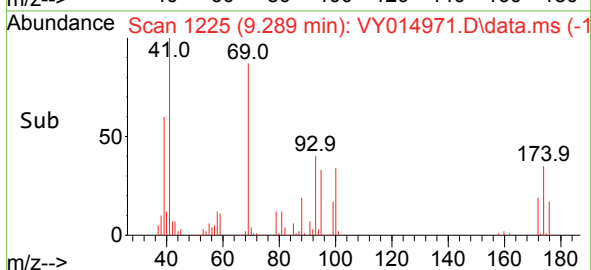
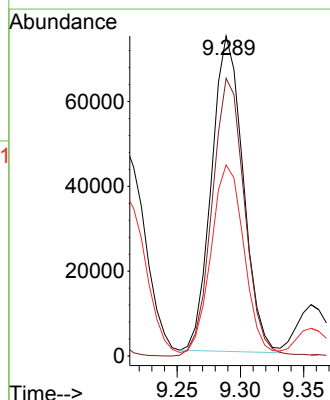
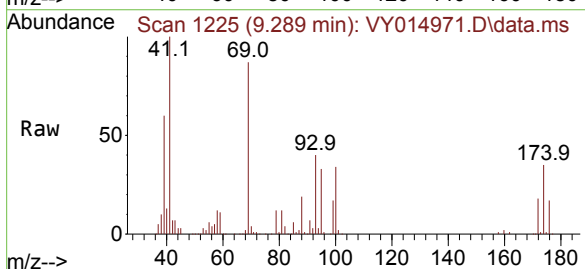
Tgt Ion: 41 Resp: 129181

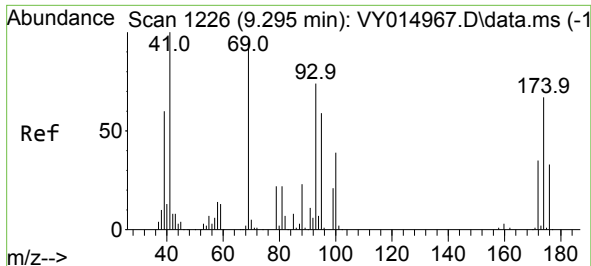
Ion Ratio Lower Upper

41 100

69 90.9 64.5 96.7

39 63.5 50.8 76.2





#49

1,4-Dioxane

Concen: 909.869 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY014971.D

Acq: 07 Aug 2023 18:25

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY080723

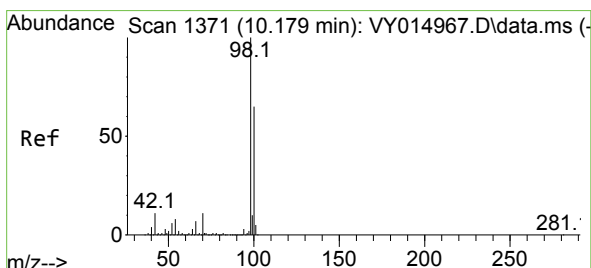
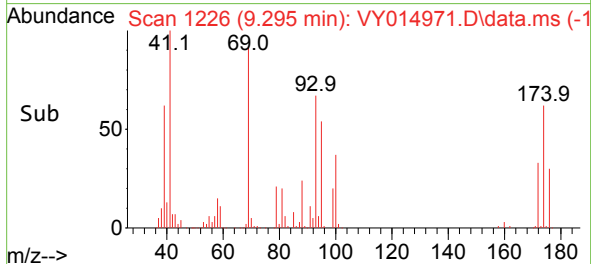
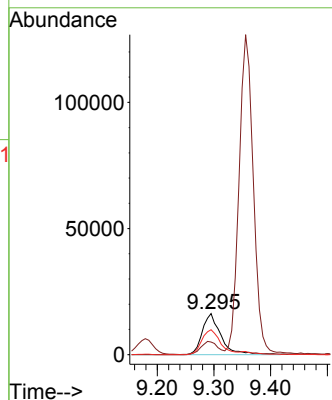
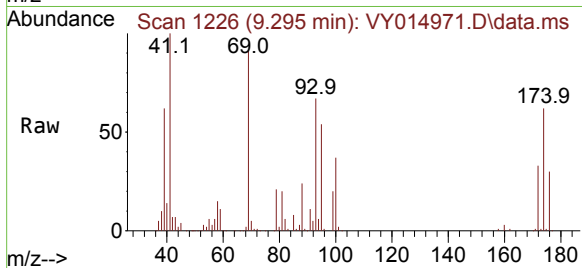
Tgt Ion: 88 Resp: 37358

Ion Ratio Lower Upper

88 100

43 28.8 0.0 0.0#

58 60.6 30.9 46.3#



#50

Toluene-d8

Concen: 44.548 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY014971.D

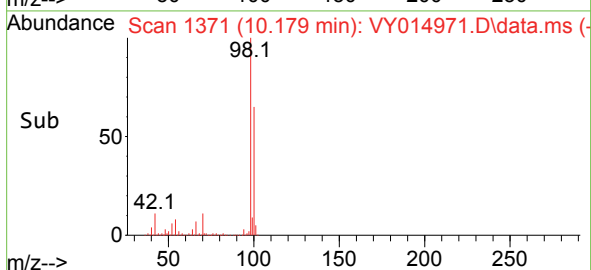
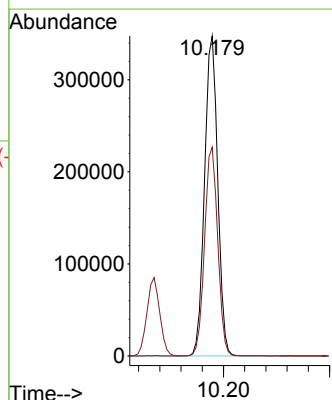
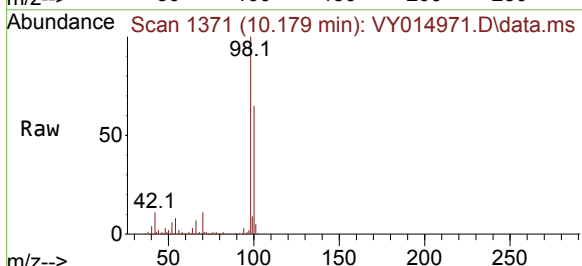
Acq: 07 Aug 2023 18:25

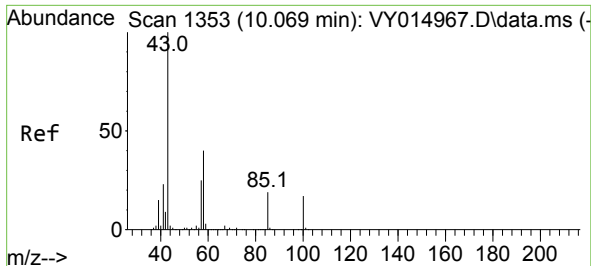
Tgt Ion: 98 Resp: 598000

Ion Ratio Lower Upper

98 100

100 65.2 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 225.569 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY014971.D

Acq: 07 Aug 2023 18:25

Instrument :

MSVOA_Y

ClientSampleId :

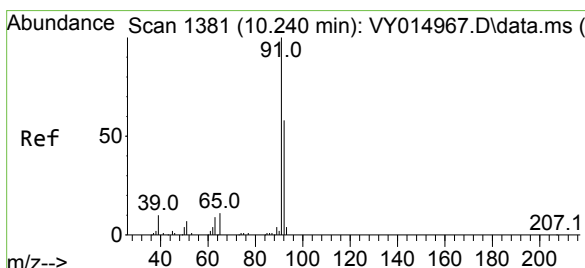
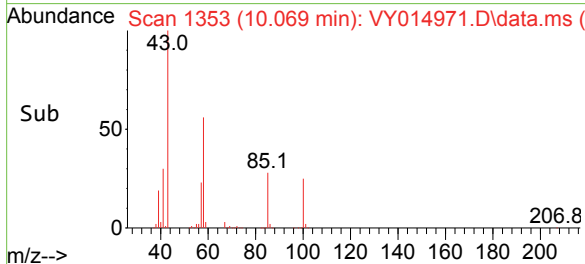
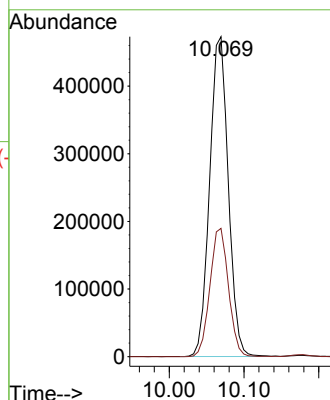
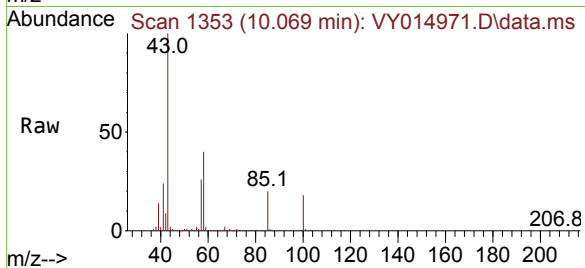
ICVVY080723

Tgt Ion: 43 Resp: 820827

Ion Ratio Lower Upper

43 100

58 40.0 29.0 43.6



#52

Toluene

Concen: 46.765 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VY014971.D

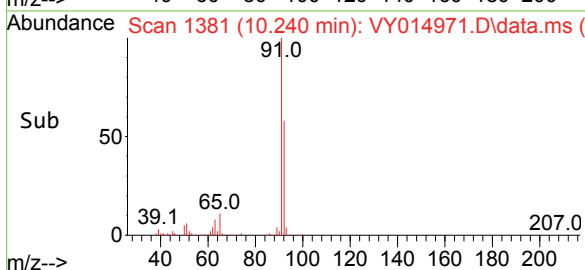
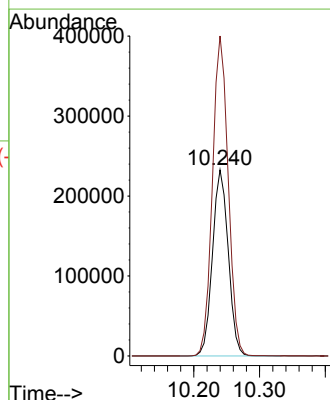
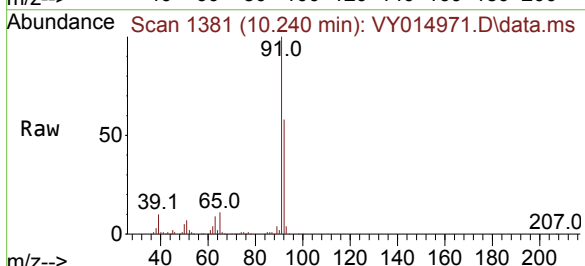
Acq: 07 Aug 2023 18:25

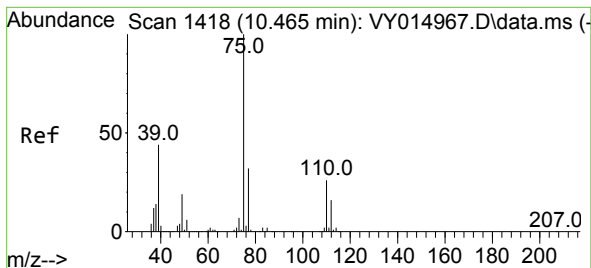
Tgt Ion: 92 Resp: 388006

Ion Ratio Lower Upper

92 100

91 171.9 143.8 215.6

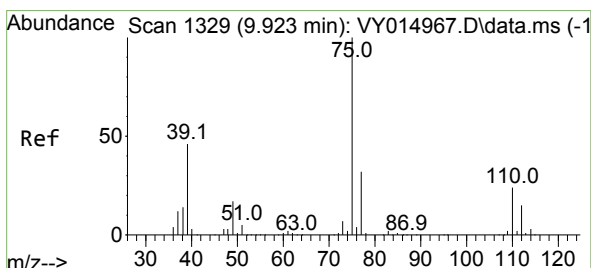
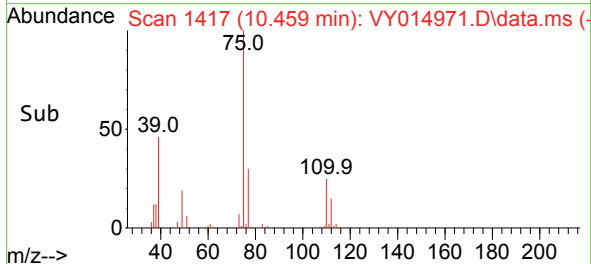
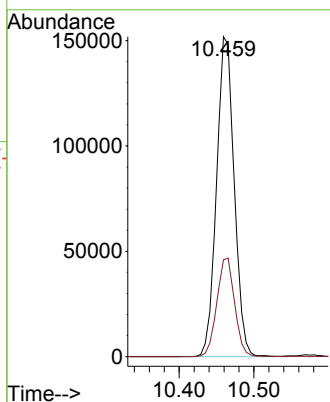
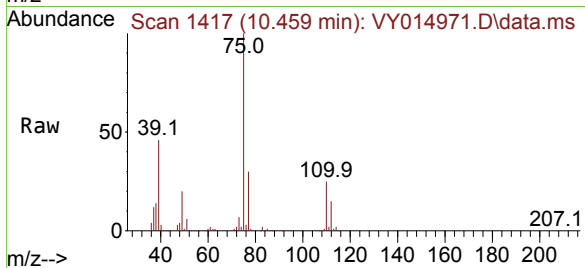




#53
 t-1,3-Dichloropropene
 Concen: 47.123 ug/l
 RT: 10.459 min Scan# 1418
 Delta R.T. -0.006 min
 Lab File: VY014971.D
 Acq: 07 Aug 2023 18:25

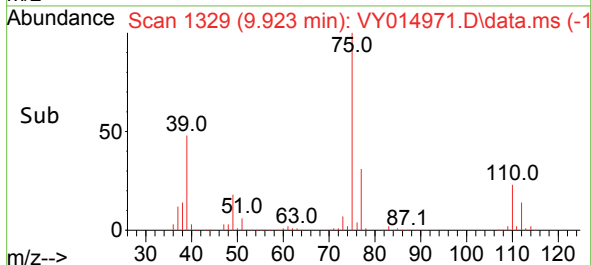
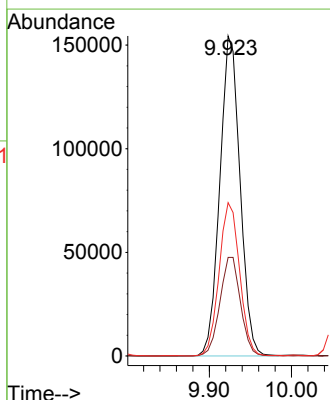
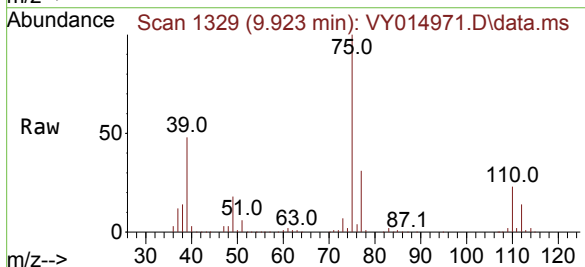
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY080723

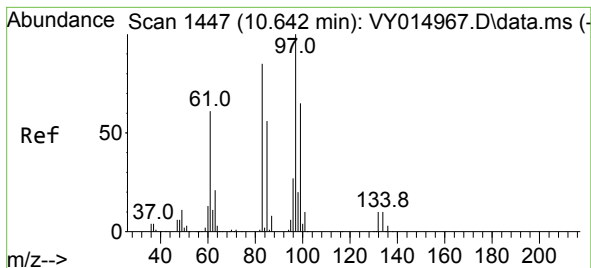
Tgt Ion: 75 Resp: 249450
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 46.188 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. 0.000 min
 Lab File: VY014971.D
 Acq: 07 Aug 2023 18:25

Tgt Ion: 75 Resp: 264160
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.2 36.4
 39 47.8 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 46.184 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY014971.D

Acq: 07 Aug 2023 18:25

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY080723

Tgt Ion: 97 Resp: 148169

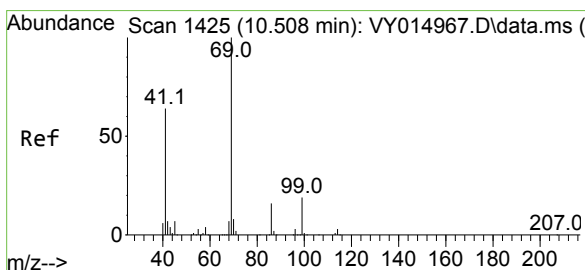
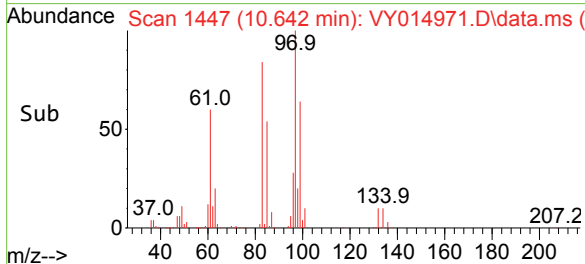
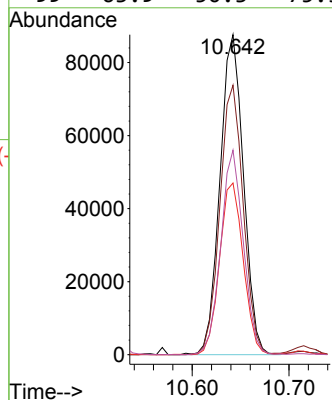
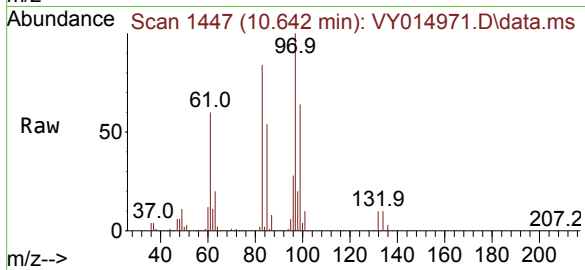
Ion Ratio Lower Upper

97 100

83 84.2 72.0 108.0

85 53.6 45.4 68.0

99 63.9 50.3 75.5



#56

Ethyl methacrylate

Concen: 46.835 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY014971.D

Acq: 07 Aug 2023 18:25

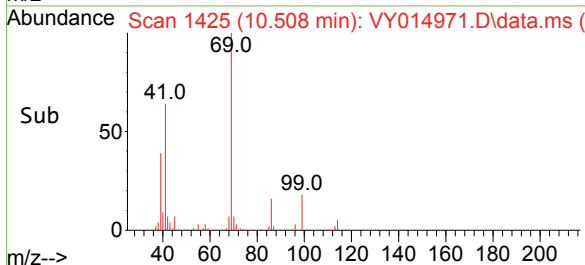
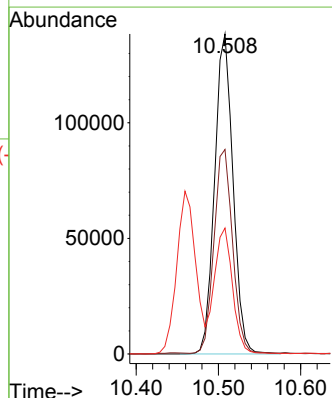
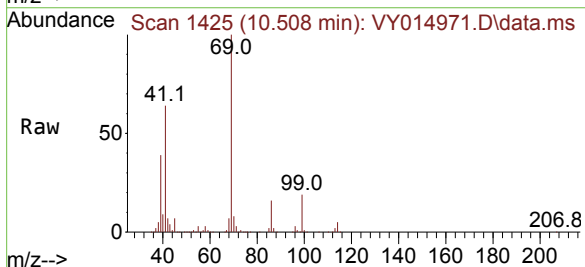
Tgt Ion: 69 Resp: 215153

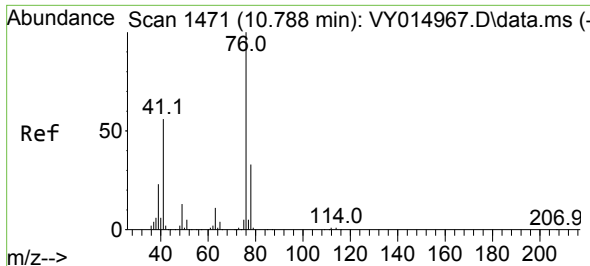
Ion Ratio Lower Upper

69 100

41 64.3 57.6 86.4

39 39.0 34.1 51.1





#57

1,3-Dichloropropane

Concen: 45.824 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014971.D

Acq: 07 Aug 2023 18:25

Instrument :

MSVOA_Y

ClientSampleId :

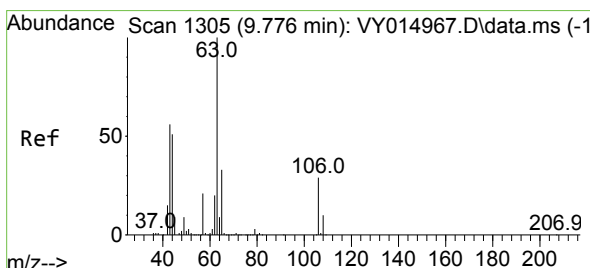
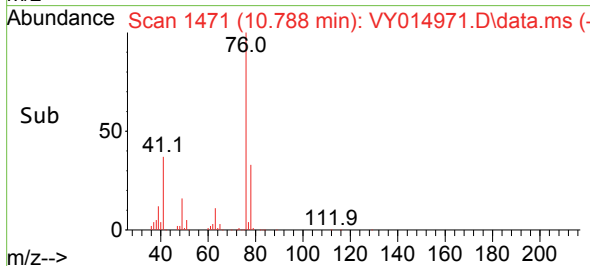
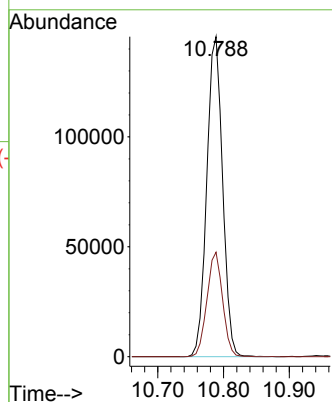
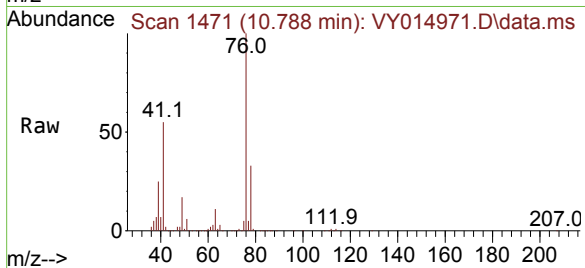
ICVVY080723

Tgt Ion: 76 Resp: 243234

Ion Ratio Lower Upper

76 100

78 32.3 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 231.191 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY014971.D

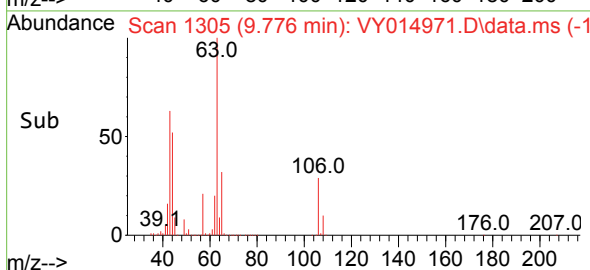
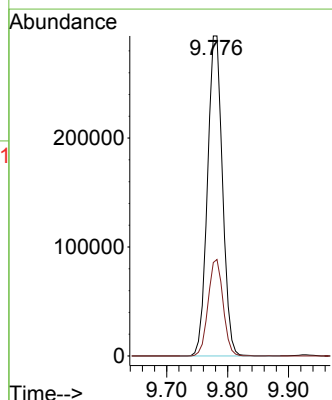
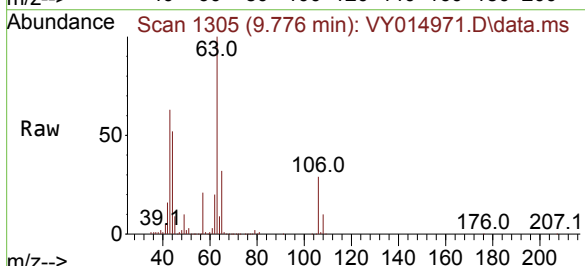
Acq: 07 Aug 2023 18:25

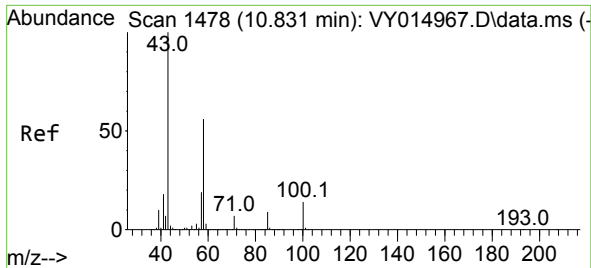
Tgt Ion: 63 Resp: 502178

Ion Ratio Lower Upper

63 100

106 30.0 21.2 31.8

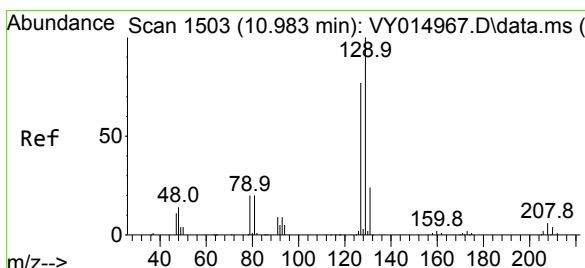
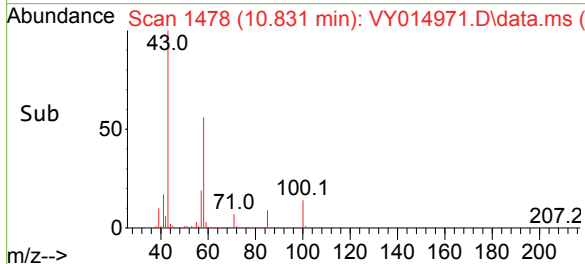
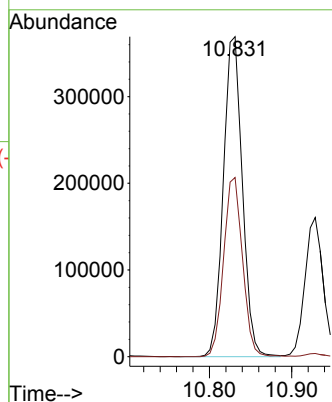
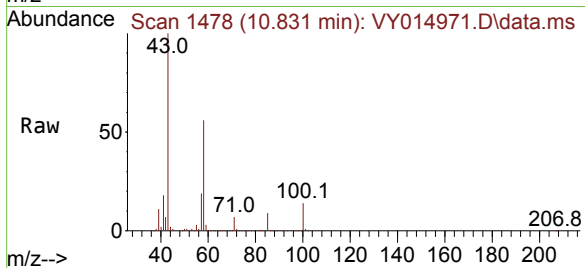




#59
2-Hexanone
Concen: 220.152 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014971.D
Acq: 07 Aug 2023 18:25

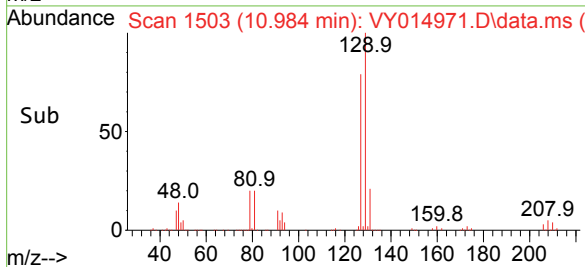
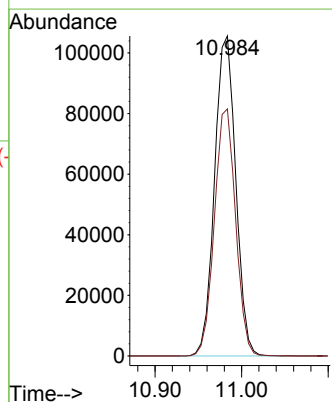
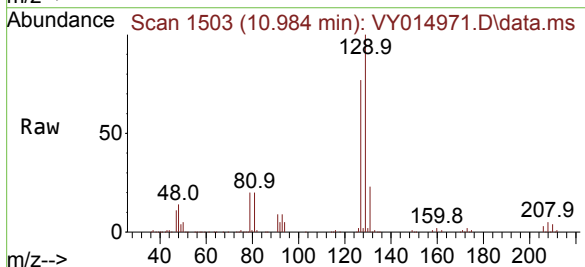
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY080723

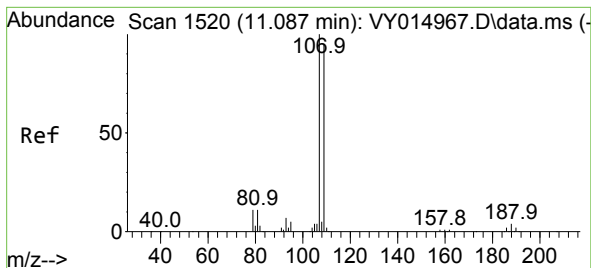
Tgt Ion: 43 Resp: 591798
Ion Ratio Lower Upper
43 100
58 55.9 25.1 75.3



#60
Dibromochloromethane
Concen: 46.925 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014971.D
Acq: 07 Aug 2023 18:25

Tgt Ion: 129 Resp: 179256
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5

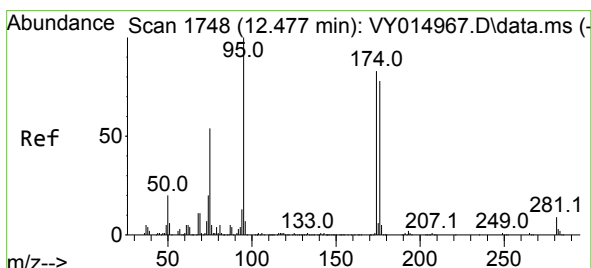
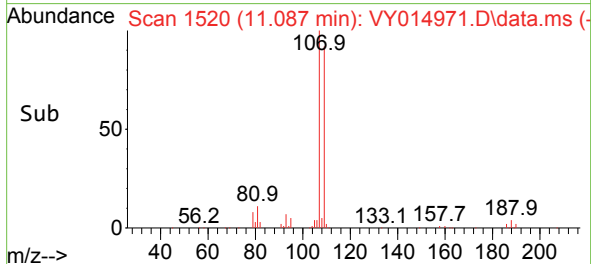
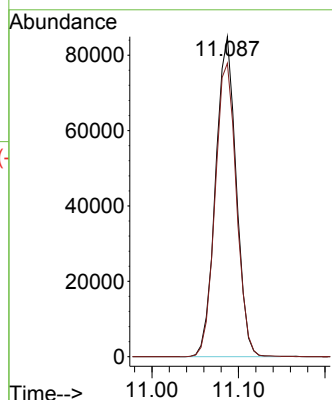
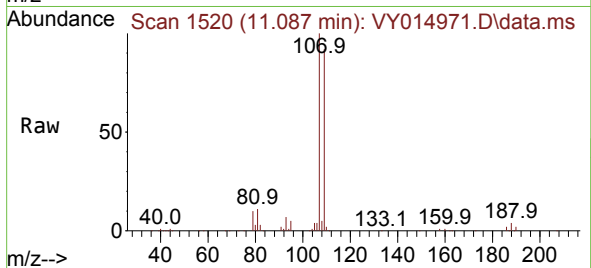




#61
1,2-Dibromoethane
Concen: 45.846 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY014971.D
Acq: 07 Aug 2023 18:25

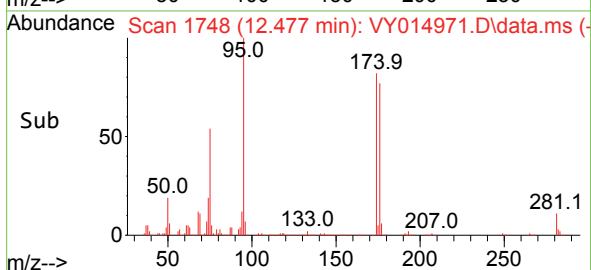
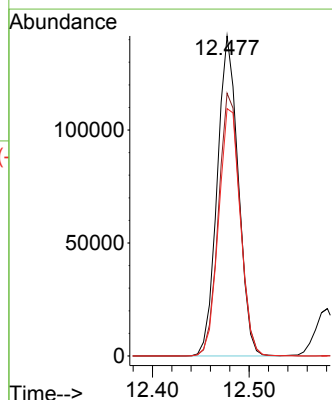
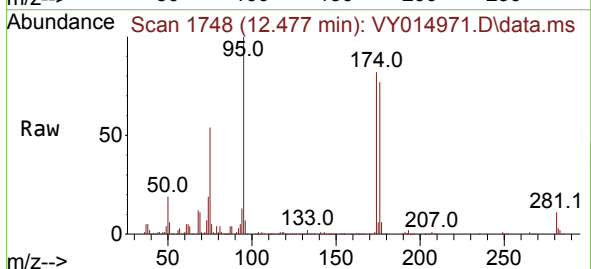
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY080723

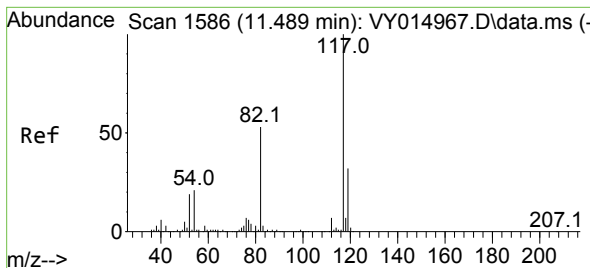
Tgt Ion:107 Resp: 140394
Ion Ratio Lower Upper
107 100
109 94.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 44.924 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014971.D
Acq: 07 Aug 2023 18:25

Tgt Ion: 95 Resp: 213734
Ion Ratio Lower Upper
95 100
174 84.0 0.0 178.2
176 80.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014971.D

Acq: 07 Aug 2023 18:25

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY080723

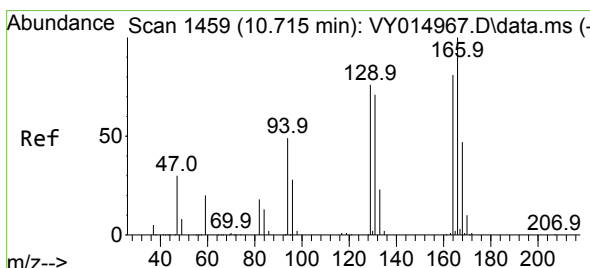
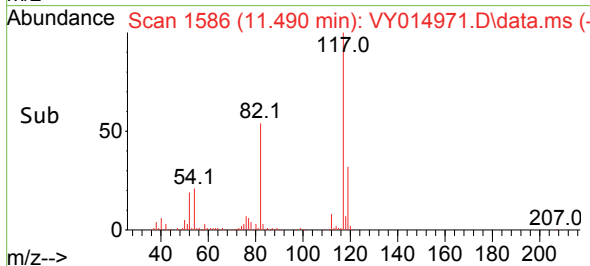
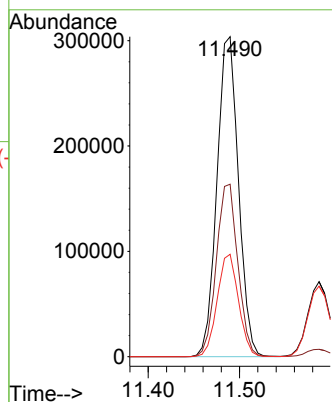
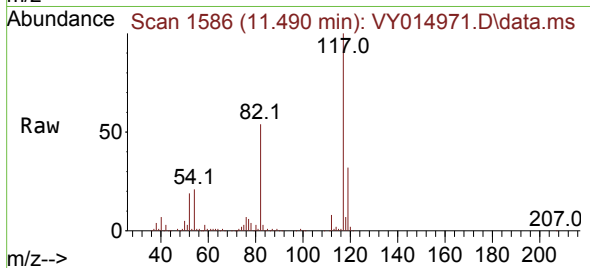
Tgt Ion:117 Resp: 497100

Ion Ratio Lower Upper

117 100

82 53.9 43.4 65.0

119 32.0 26.3 39.5



#64

Tetrachloroethene

Concen: 44.568 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY014971.D

Acq: 07 Aug 2023 18:25

Tgt Ion:164 Resp: 166653

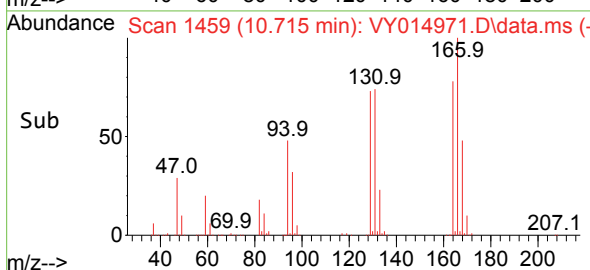
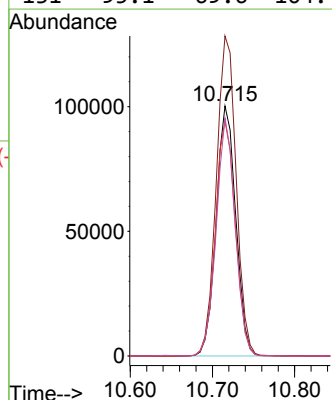
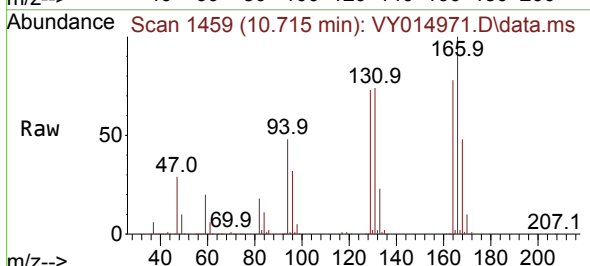
Ion Ratio Lower Upper

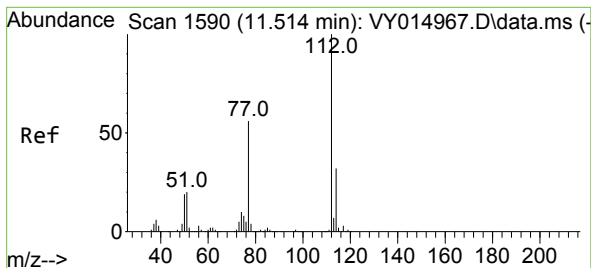
164 100

166 128.1 103.0 154.6

129 94.0 77.2 115.8

131 95.1 69.6 104.4





#65

Chlorobenzene

Concen: 46.448 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY014971.D

Acq: 07 Aug 2023 18:25

Instrument :

MSVOA_Y

ClientSampleId :

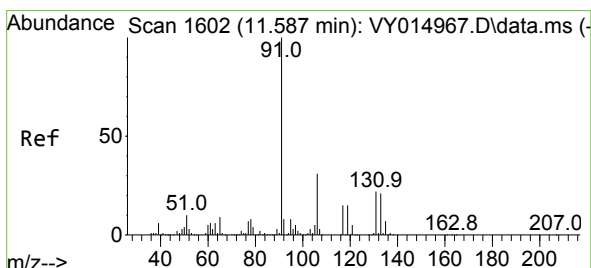
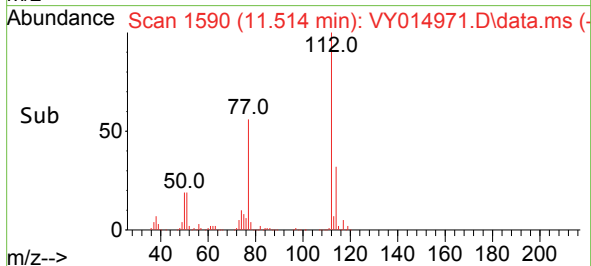
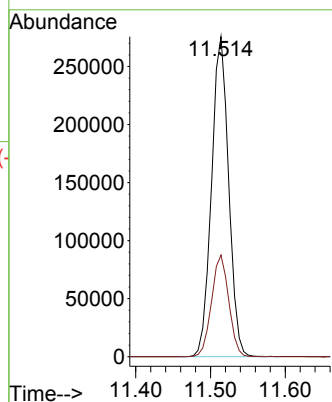
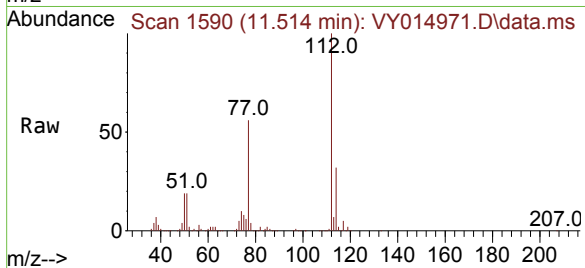
ICVVY080723

Tgt Ion:112 Resp: 438123

Ion Ratio Lower Upper

112 100

114 31.7 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 46.852 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY014971.D

Acq: 07 Aug 2023 18:25

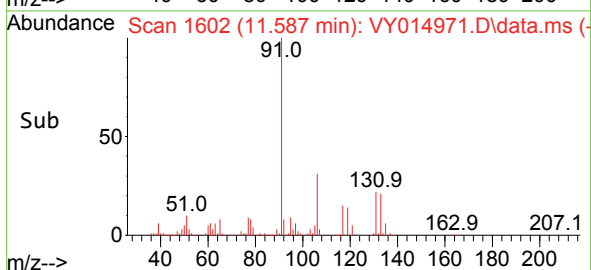
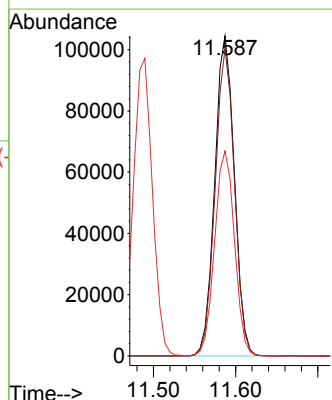
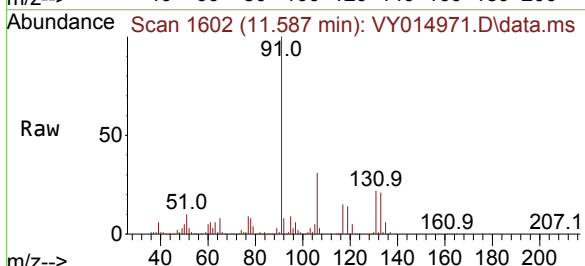
Tgt Ion:131 Resp: 173172

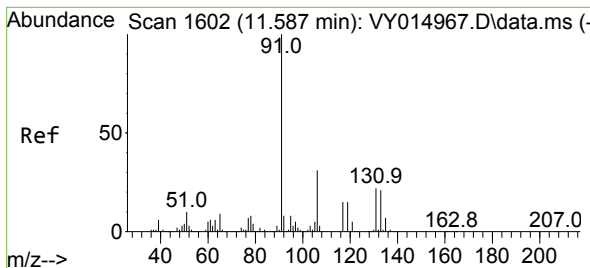
Ion Ratio Lower Upper

131 100

133 94.3 47.5 142.6

119 64.9 31.6 94.7





#67

Ethyl Benzene

Concen: 46.602 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY014971.D

Acq: 07 Aug 2023 18:25

Instrument :

MSVOA_Y

ClientSampleId :

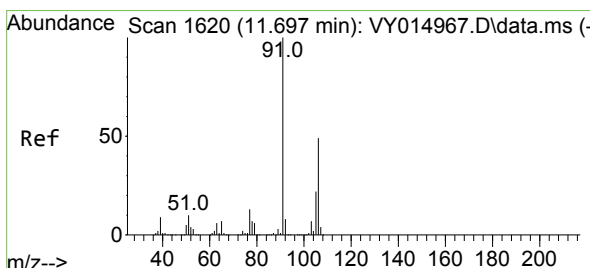
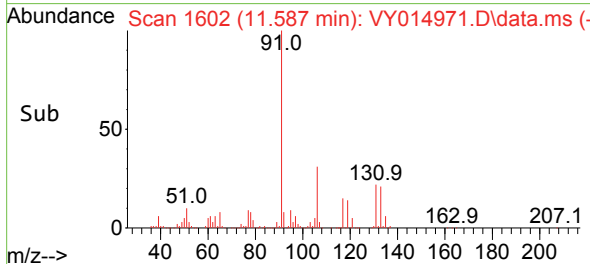
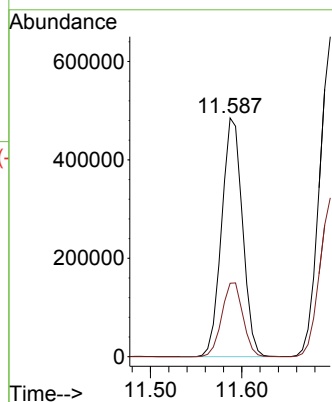
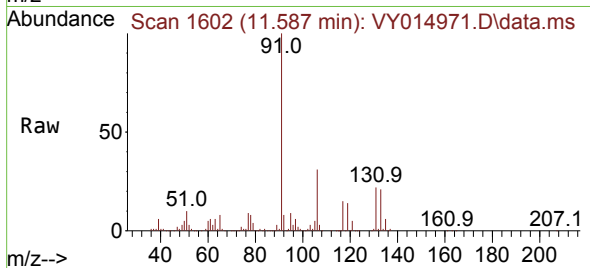
ICVVY080723

Tgt Ion: 91 Resp: 771437

Ion Ratio Lower Upper

91 100

106 30.8 24.6 36.8



#68

m/p-Xylenes

Concen: 93.351 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY014971.D

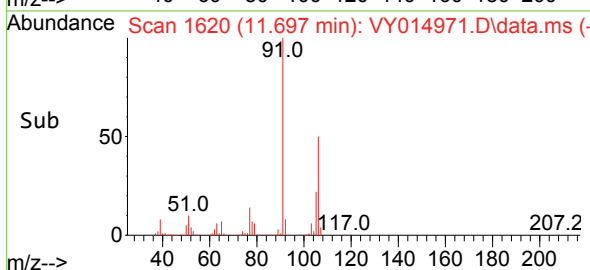
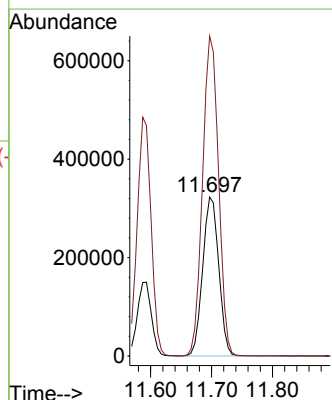
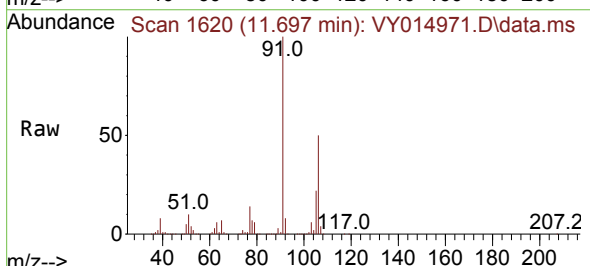
Acq: 07 Aug 2023 18:25

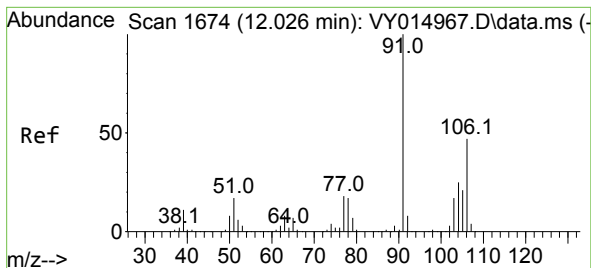
Tgt Ion:106 Resp: 591160

Ion Ratio Lower Upper

106 100

91 200.5 166.1 249.1





#69

o-Xylene

Concen: 46.744 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014971.D

Acq: 07 Aug 2023 18:25

Instrument :

MSVOA_Y

ClientSampleId :

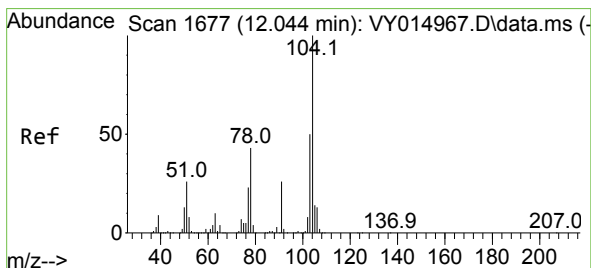
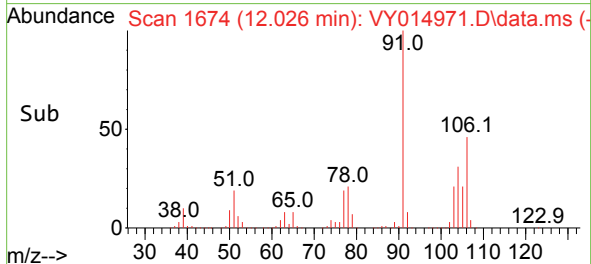
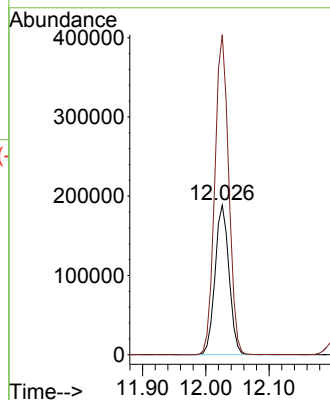
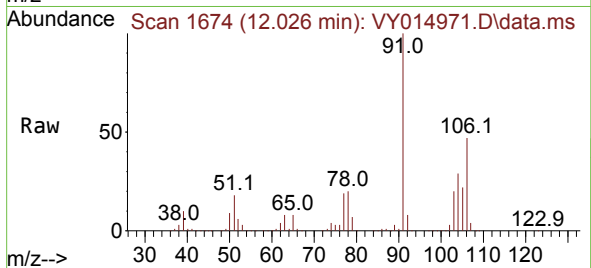
ICVVY080723

Tgt Ion:106 Resp: 289651

Ion Ratio Lower Upper

106 100

91 213.7 108.1 324.3



#70

Styrene

Concen: 46.901 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. -0.006 min

Lab File: VY014971.D

Acq: 07 Aug 2023 18:25

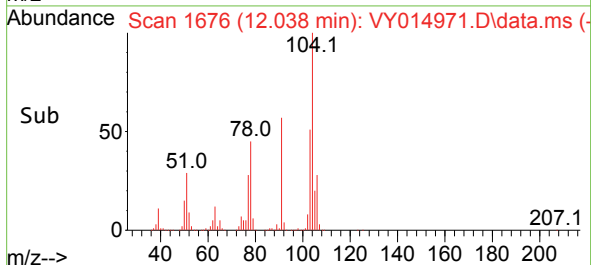
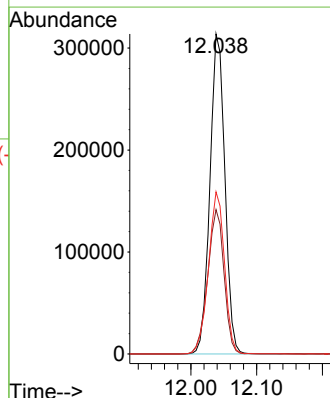
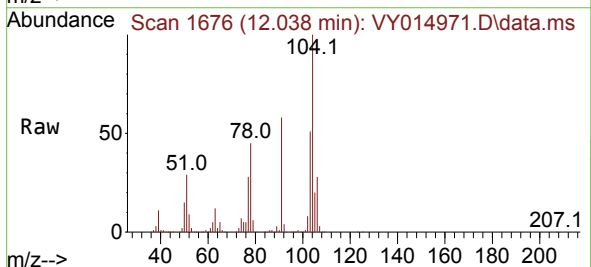
Tgt Ion:104 Resp: 496669

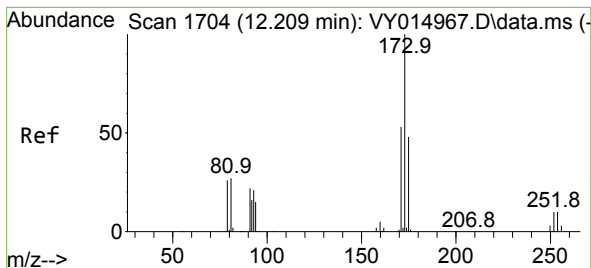
Ion Ratio Lower Upper

104 100

78 49.3 41.5 62.3

103 54.4 44.6 67.0





#71

Bromoform

Concen: 46.977 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014971.D

Acq: 07 Aug 2023 18:25

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY080723

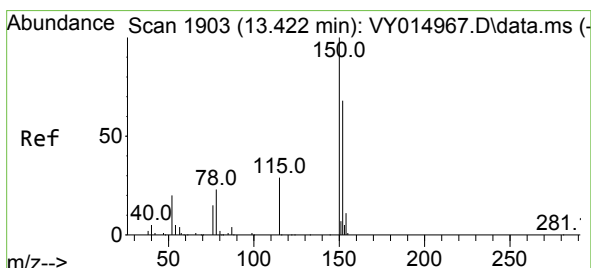
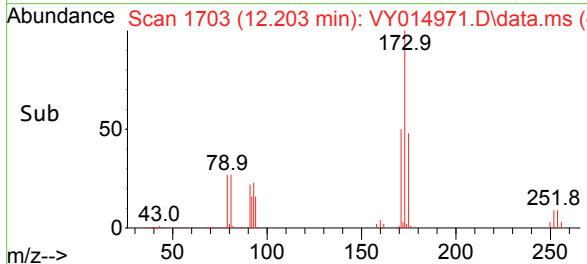
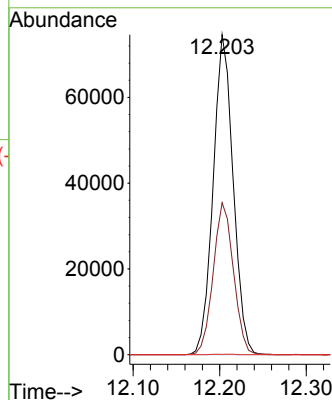
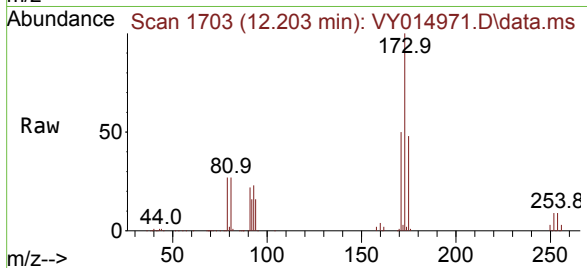
Tgt Ion:173 Resp: 119680

Ion Ratio Lower Upper

173 100

175 48.1 24.6 73.8

254 0.2 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014971.D

Acq: 07 Aug 2023 18:25

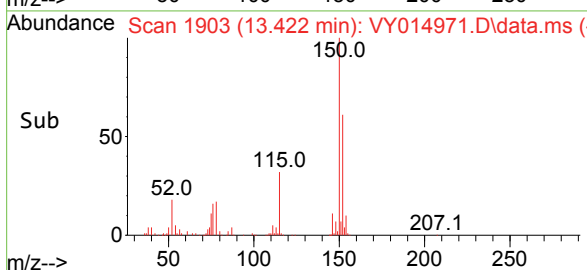
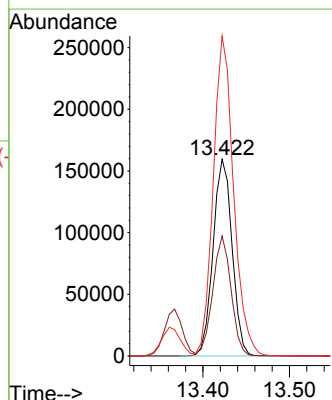
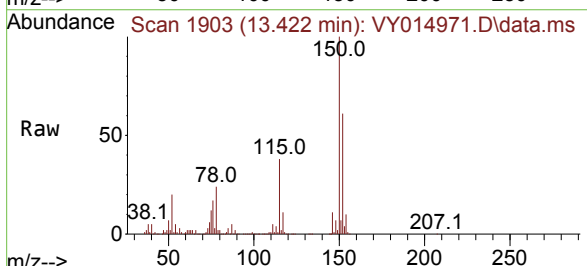
Tgt Ion:152 Resp: 243345

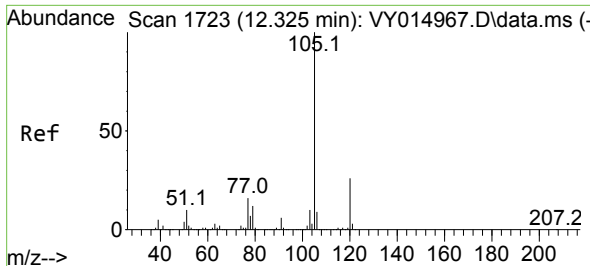
Ion Ratio Lower Upper

152 100

115 58.7 28.8 86.5

150 173.8 0.0 348.8

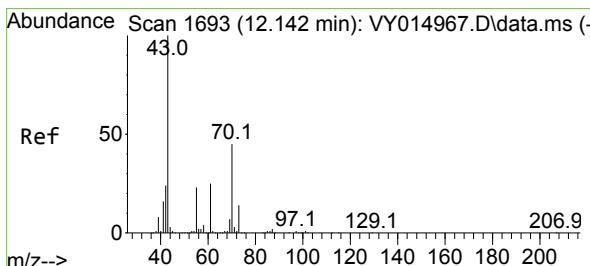
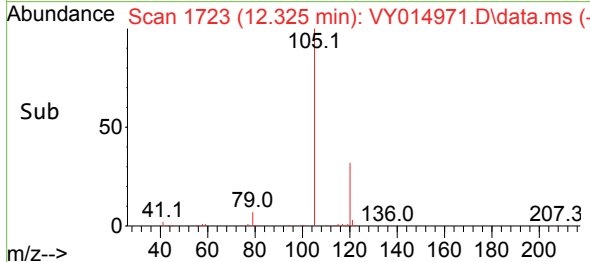
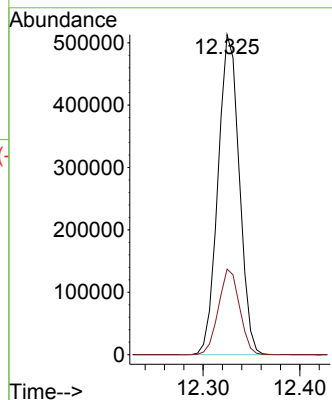
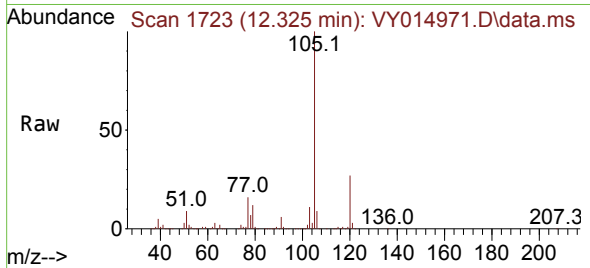




#73
Isopropylbenzene
Concen: 47.840 ug/l
RT: 12.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014971.D
Acq: 07 Aug 2023 18:25

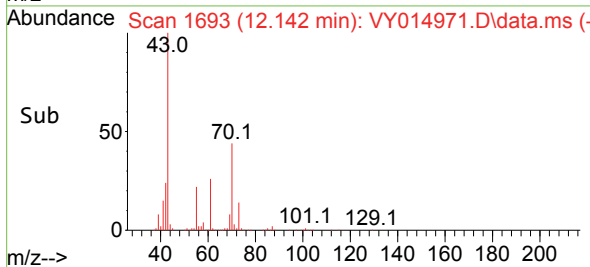
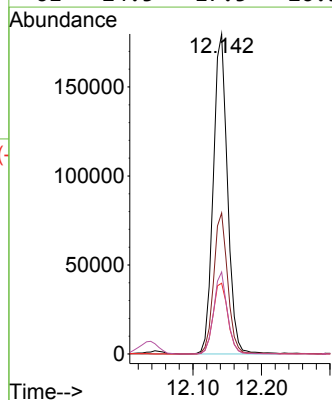
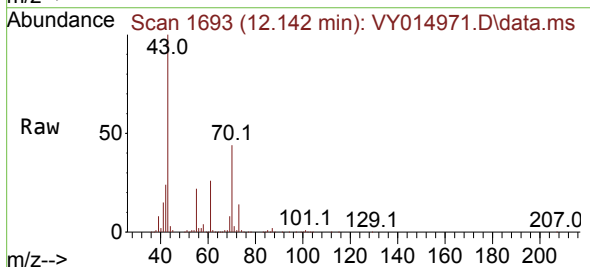
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY080723

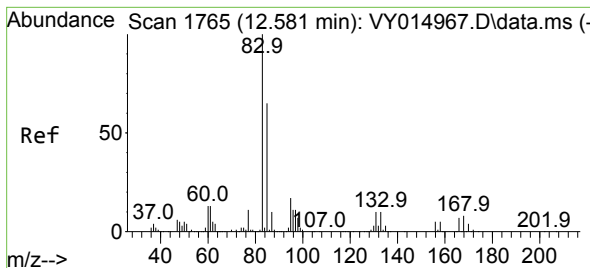
Tgt Ion:105 Resp: 782572
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.9



#74
N-ethyl acetate
Concen: 46.471 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY014971.D
Acq: 07 Aug 2023 18:25

Tgt Ion: 43 Resp: 259725
Ion Ratio Lower Upper
43 100
70 43.6 29.7 44.5
55 23.4 18.3 27.5
61 24.5 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 47.192 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY014971.D

Acq: 07 Aug 2023 18:25

Instrument :

MSVOA_Y

ClientSampleId :

ICVY080723

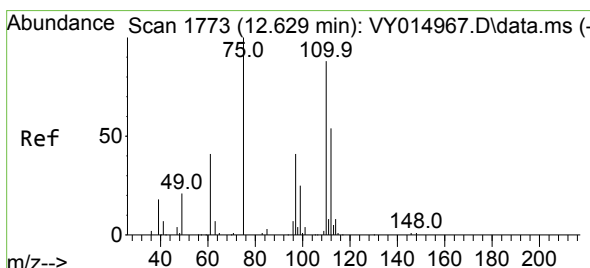
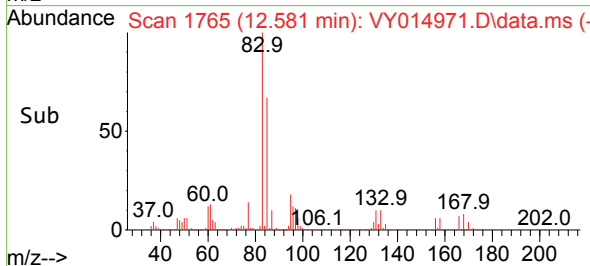
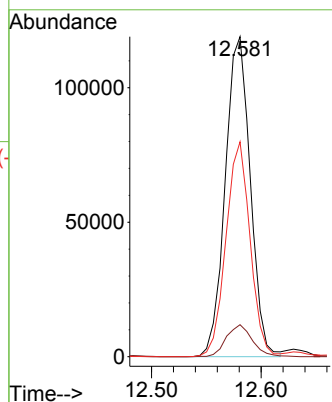
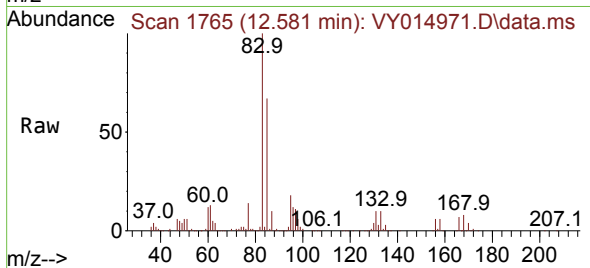
Tgt Ion: 83 Resp: 188653

Ion Ratio Lower Upper

83 100

131 10.4 5.4 16.2

85 64.9 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 82.660 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY014971.D

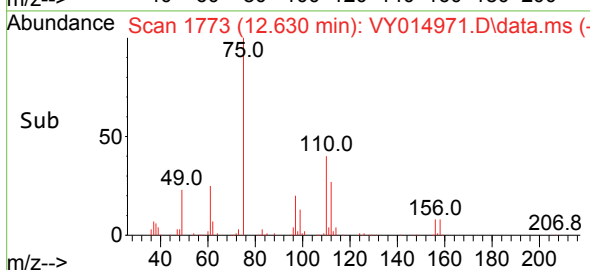
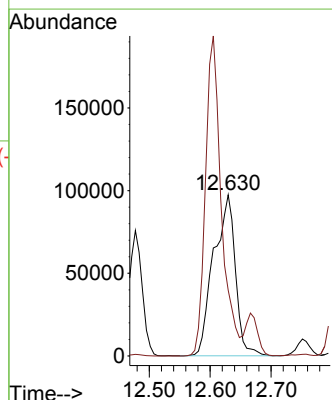
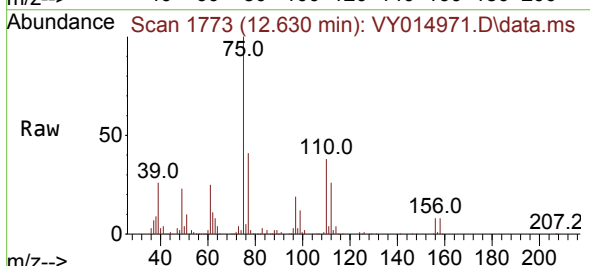
Acq: 07 Aug 2023 18:25

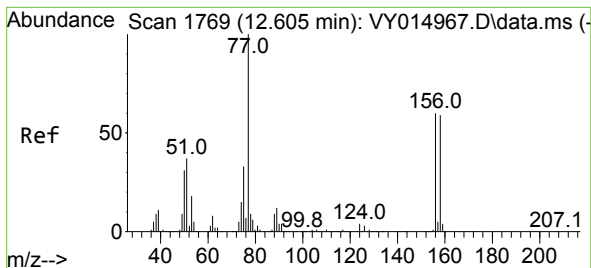
Tgt Ion: 75 Resp: 241024

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.929 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY014971.D

Acq: 07 Aug 2023 18:25

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY080723

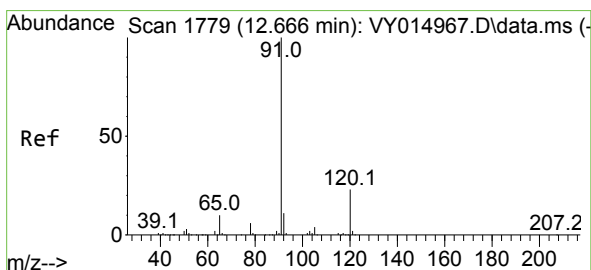
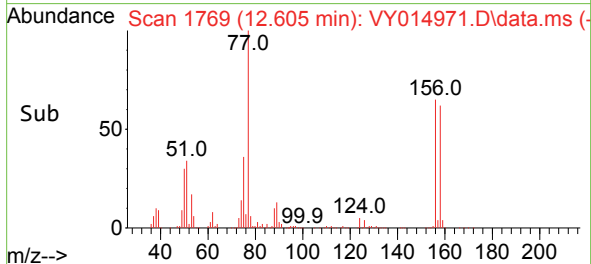
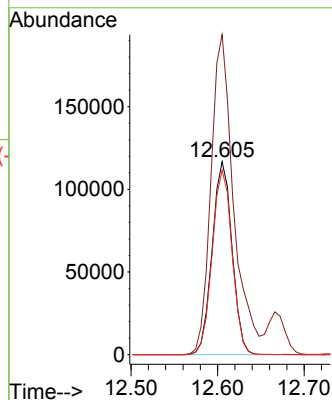
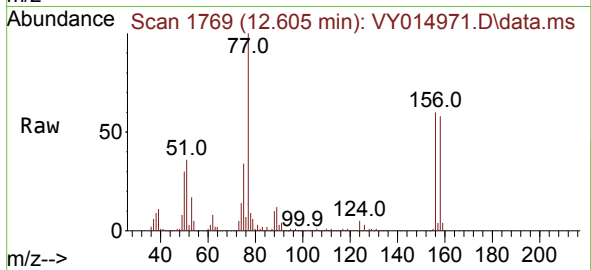
Tgt Ion:156 Resp: 186209

Ion Ratio Lower Upper

156 100

77 188.2 92.8 278.6

158 95.5 48.4 145.3



#78

n-propylbenzene

Concen: 47.172 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY014971.D

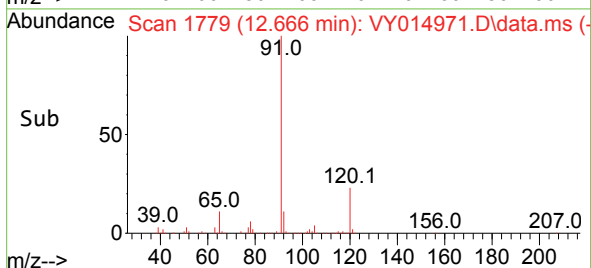
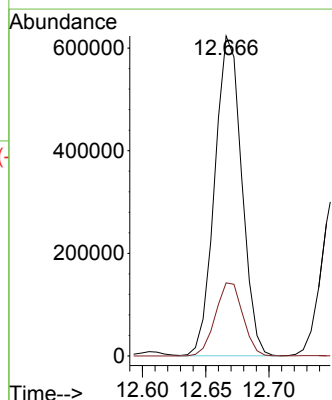
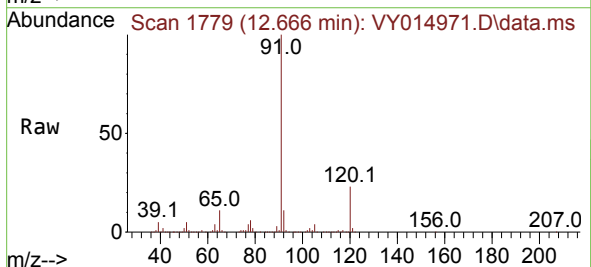
Acq: 07 Aug 2023 18:25

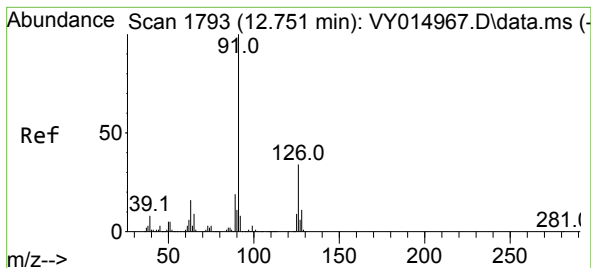
Tgt Ion: 91 Resp: 922931

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4

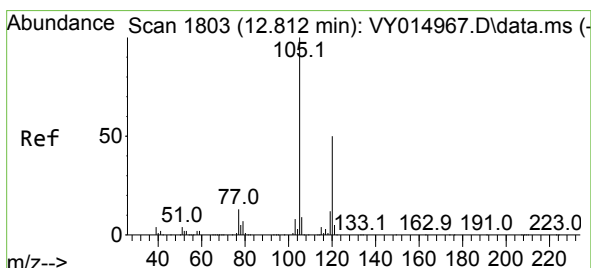
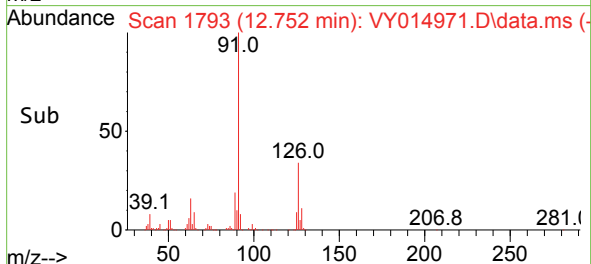
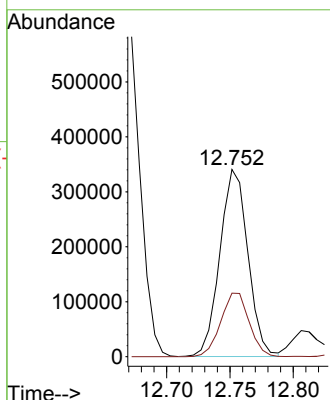
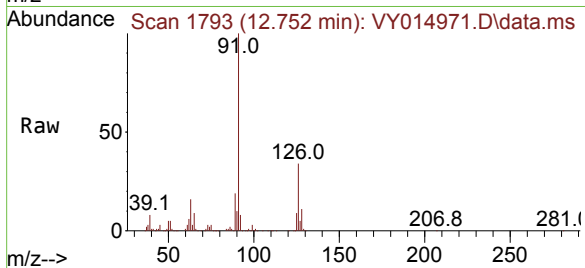




#79
2-Chlorotoluene
Concen: 47.115 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY014971.D
Acq: 07 Aug 2023 18:25

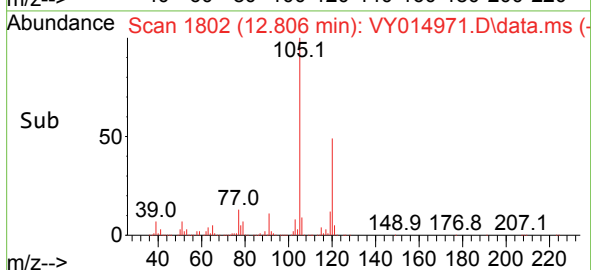
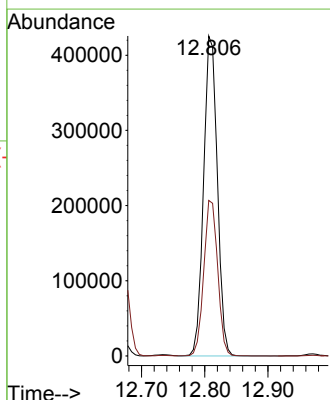
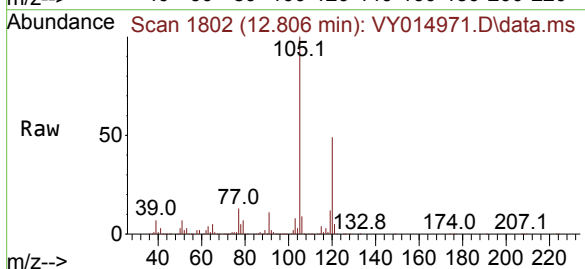
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY080723

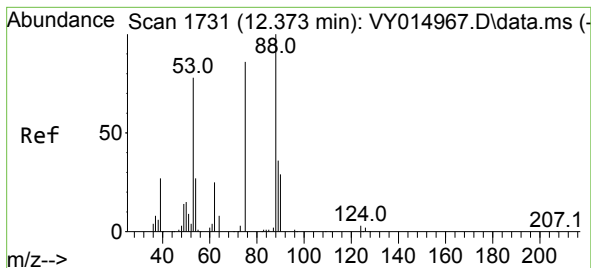
Tgt Ion: 91 Resp: 525358
Ion Ratio Lower Upper
91 100
126 34.5 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 47.781 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY014971.D
Acq: 07 Aug 2023 18:25

Tgt Ion: 105 Resp: 644092
Ion Ratio Lower Upper
105 100
120 49.2 23.9 71.7

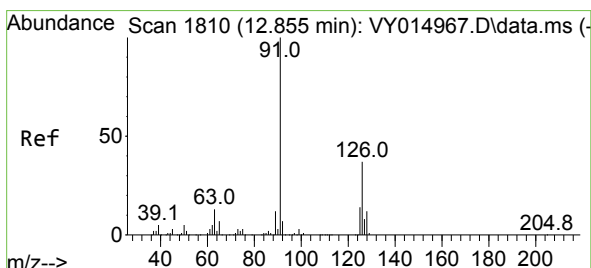
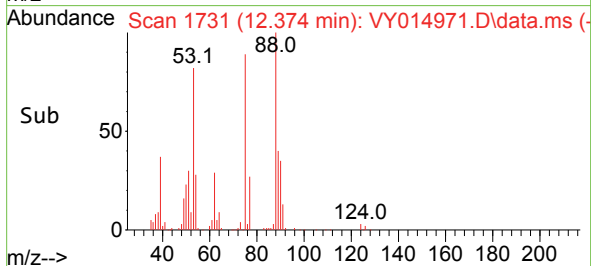
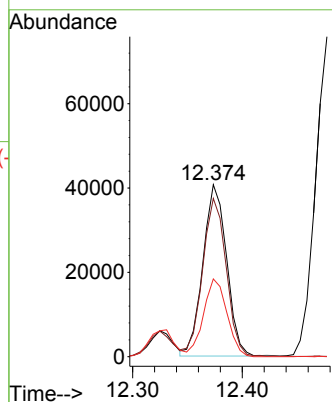
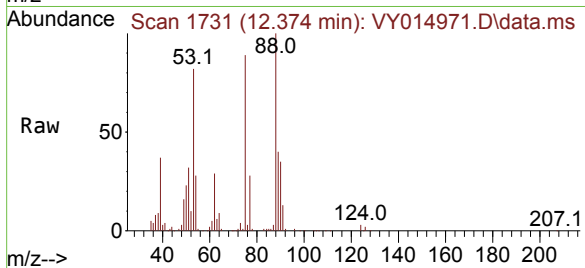




#81
trans-1,4-Dichloro-2-butene
Concen: 46.196 ug/l
RT: 12.374 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014971.D
Acq: 07 Aug 2023 18:25

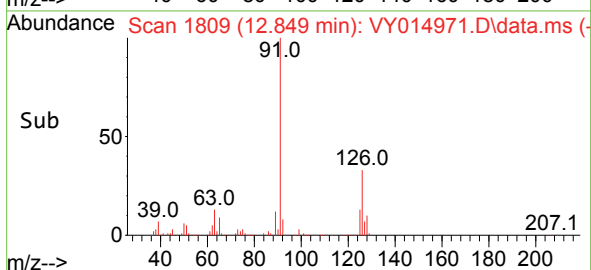
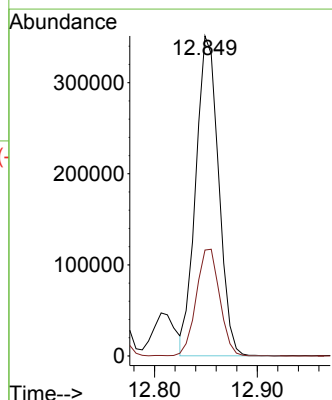
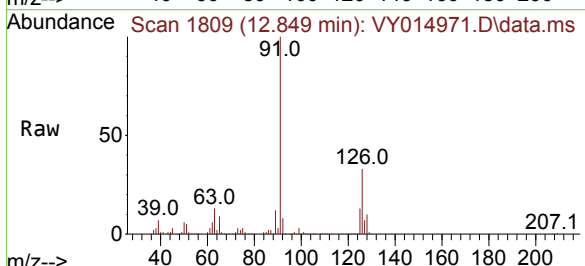
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY080723

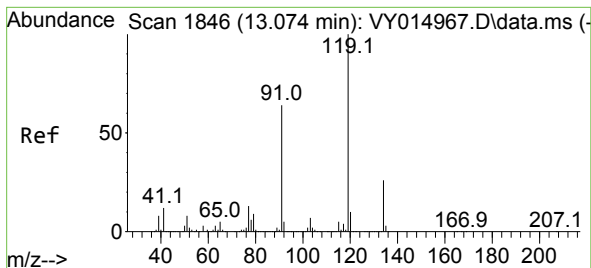
Tgt Ion: 75 Resp: 61143
Ion Ratio Lower Upper
75 100
53 92.3 77.8 116.8
89 44.8 37.4 56.0



#82
4-Chlorotoluene
Concen: 46.966 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY014971.D
Acq: 07 Aug 2023 18:25

Tgt Ion: 91 Resp: 541388
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.6





#83

tert-Butylbenzene

Concen: 47.783 ug/l

RT: 13.069 min Scan# 1845

Delta R.T. -0.006 min

Lab File: VY014971.D

Acq: 07 Aug 2023 18:25

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY080723

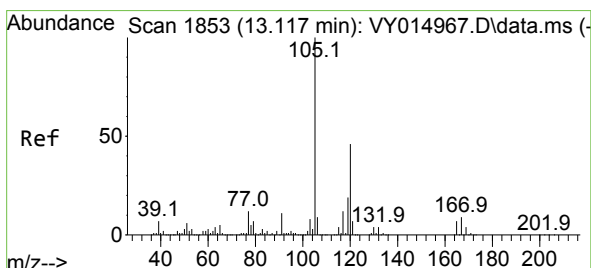
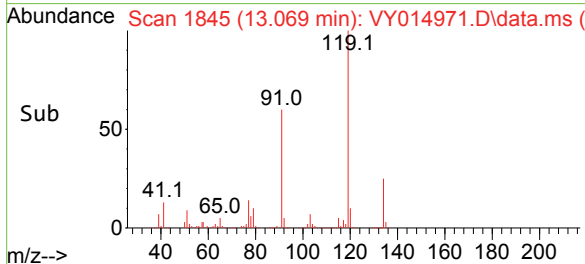
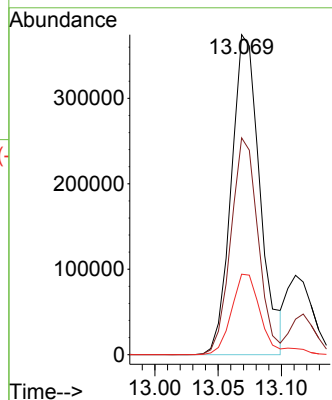
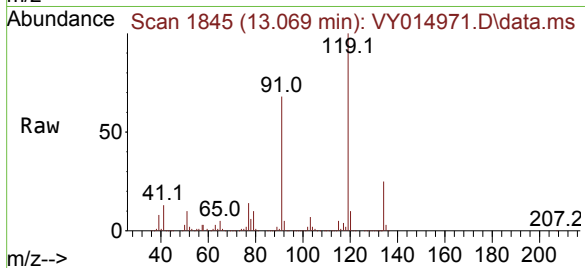
Tgt Ion:119 Resp: 589242

Ion Ratio Lower Upper

119 100

91 64.6 32.9 98.6

134 26.4 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 47.133 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY014971.D

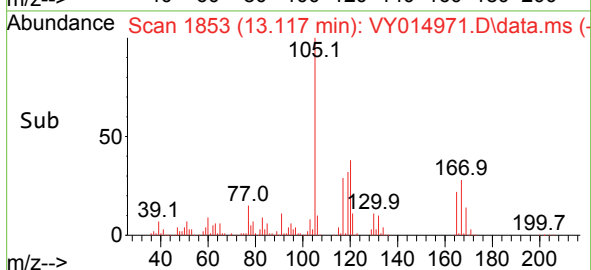
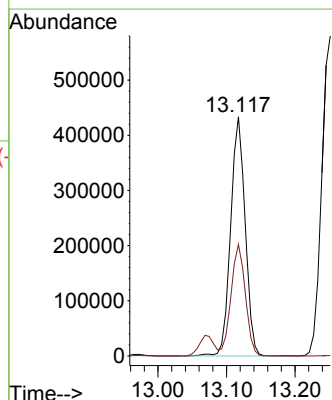
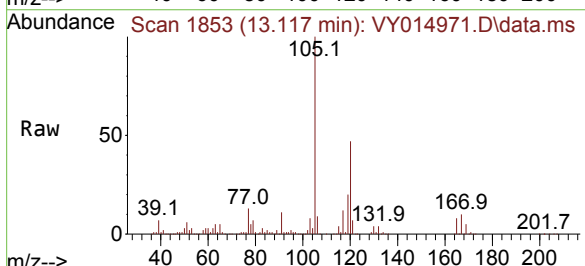
Acq: 07 Aug 2023 18:25

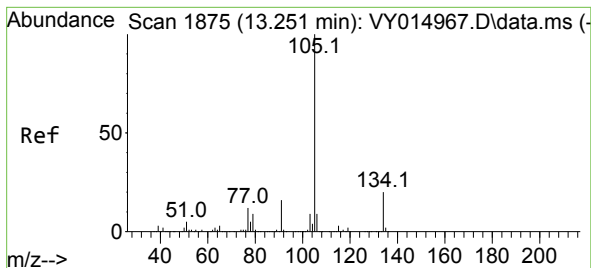
Tgt Ion:105 Resp: 636568

Ion Ratio Lower Upper

105 100

120 46.2 22.2 66.6





#85

sec-Butylbenzene

Concen: 47.575 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY014971.D

Acq: 07 Aug 2023 18:25

Instrument :

MSVOA_Y

ClientSampleId :

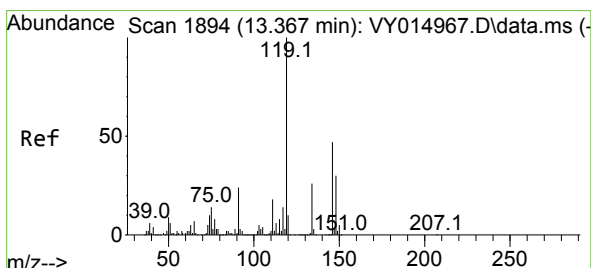
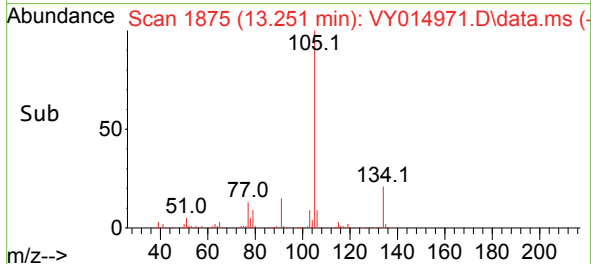
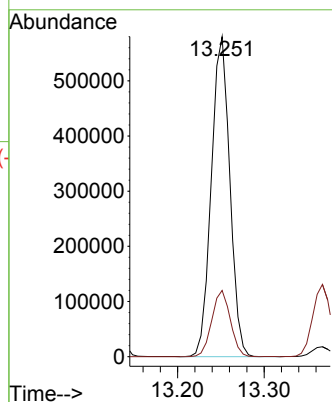
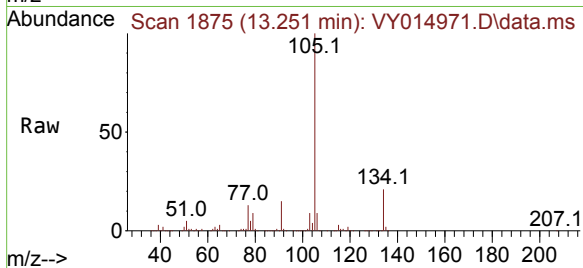
ICVVY080723

Tgt Ion:105 Resp: 861055

Ion Ratio Lower Upper

105 100

134 20.7 10.2 30.6



#86

p-Isopropyltoluene

Concen: 47.399 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY014971.D

Acq: 07 Aug 2023 18:25

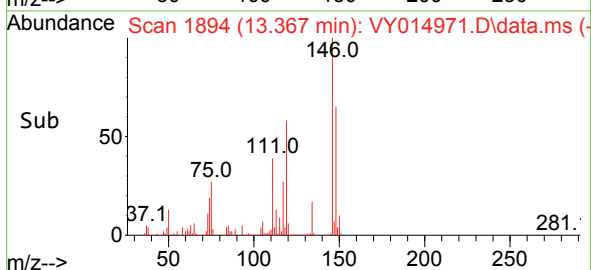
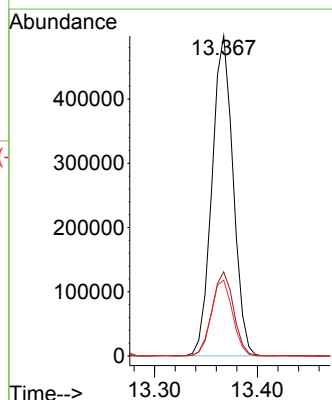
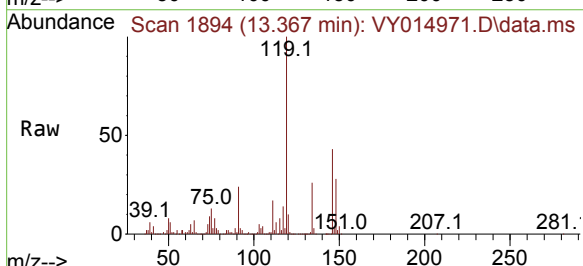
Tgt Ion:119 Resp: 710094

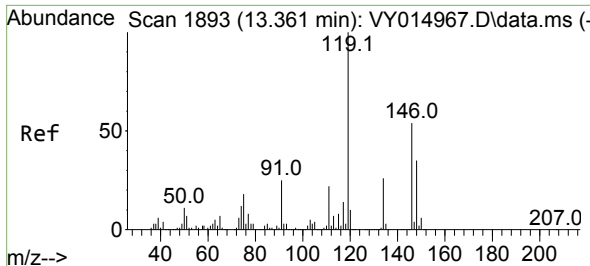
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 24.0 12.4 37.4

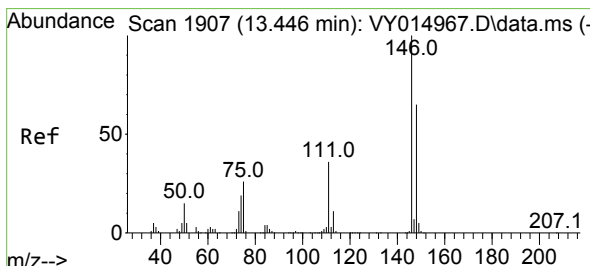
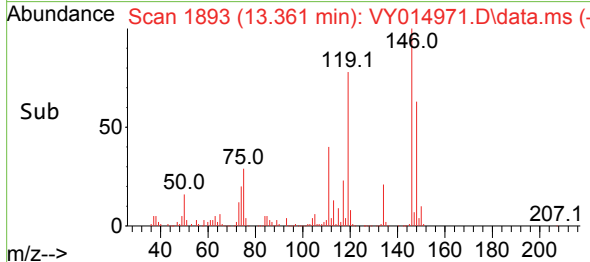
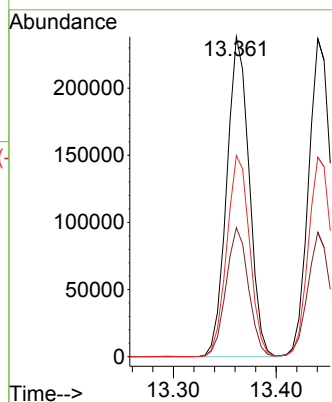
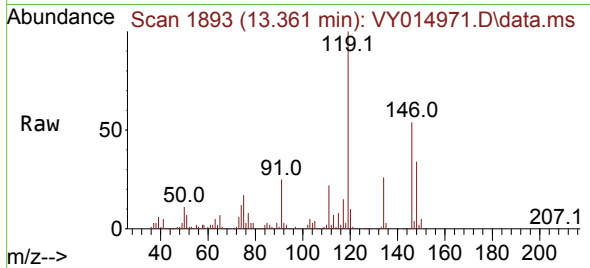




#87
1,3-Dichlorobenzene
Concen: 46.465 ug/l
RT: 13.361 min Scan# 1191
Delta R.T. 0.000 min
Lab File: VY014971.D
Acq: 07 Aug 2023 18:25

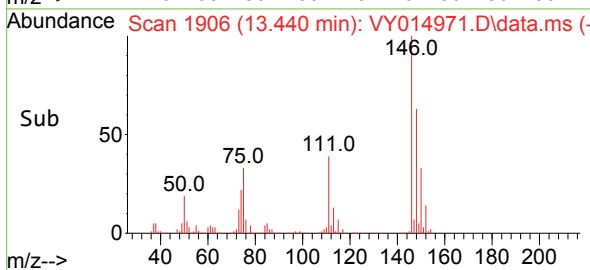
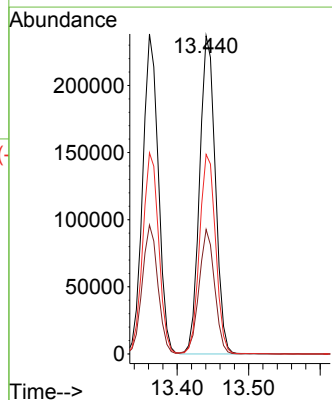
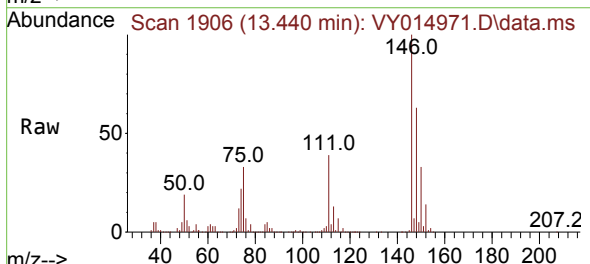
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY080723

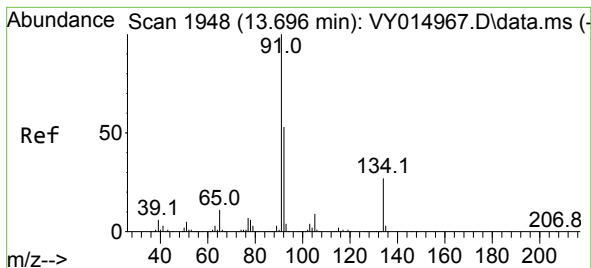
Tgt Ion:146 Resp: 360874
Ion Ratio Lower Upper
146 100
111 40.3 19.4 58.2
148 64.2 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 46.753 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY014971.D
Acq: 07 Aug 2023 18:25

Tgt Ion:146 Resp: 362121
Ion Ratio Lower Upper
146 100
111 38.6 18.9 56.7
148 64.2 32.1 96.5





#89

n-Butylbenzene

Concen: 47.889 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY014971.D

Acq: 07 Aug 2023 18:25

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY080723

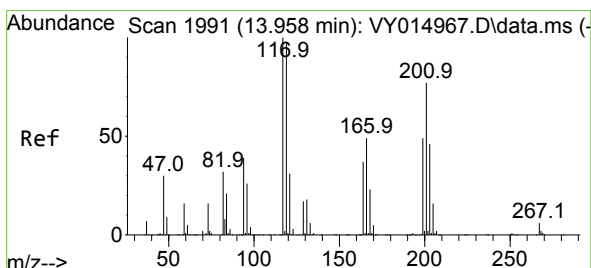
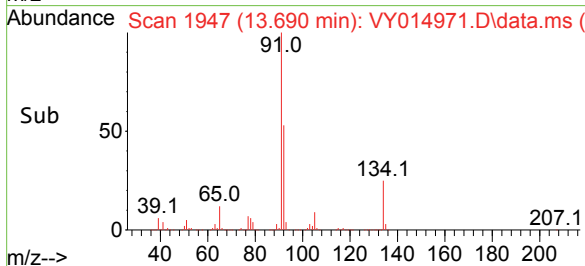
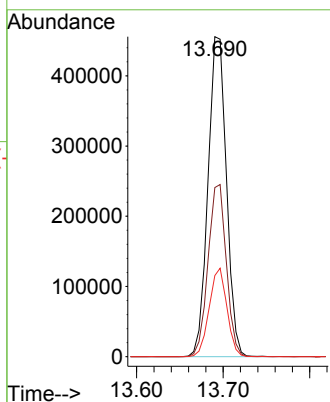
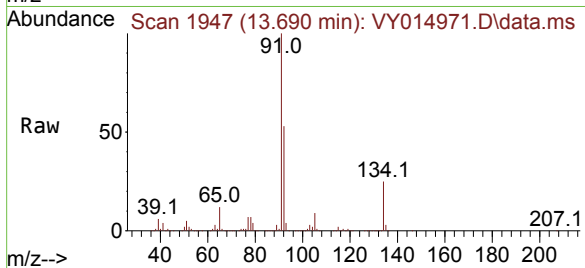
Tgt Ion: 91 Resp: 674089

Ion Ratio Lower Upper

91 100

92 53.4 25.4 76.0

134 26.6 12.6 37.6



#90

Hexachloroethane

Concen: 47.346 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY014971.D

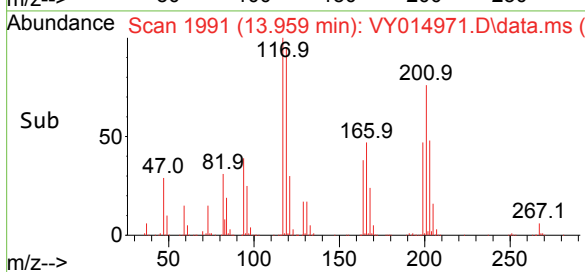
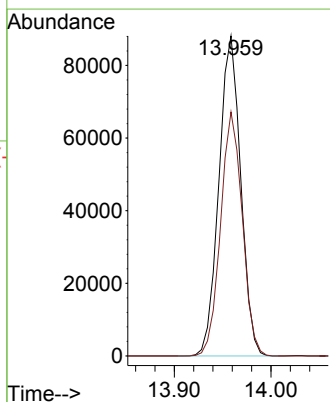
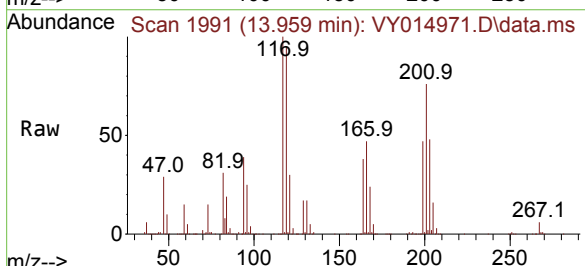
Acq: 07 Aug 2023 18:25

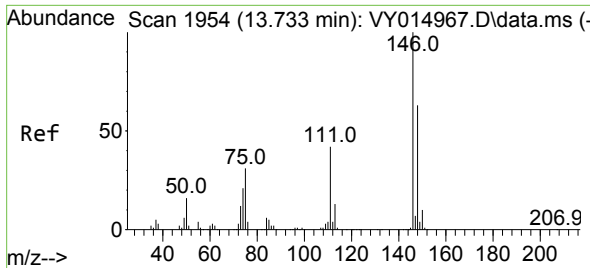
Tgt Ion: 117 Resp: 137744

Ion Ratio Lower Upper

117 100

201 75.8 41.6 124.8

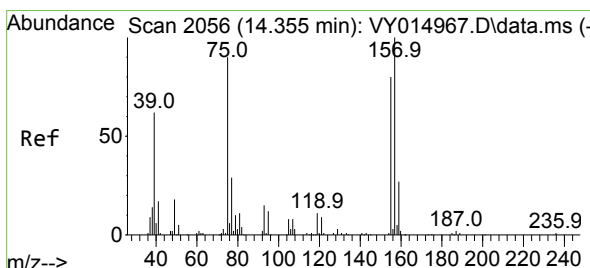
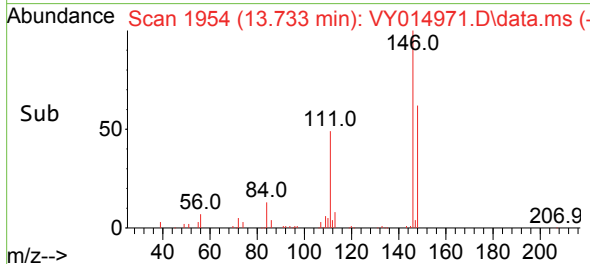
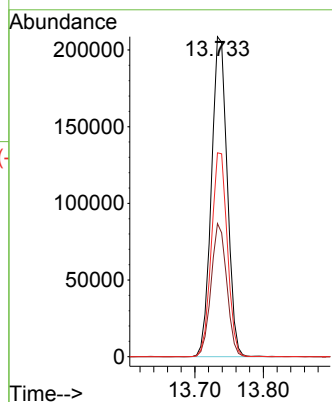
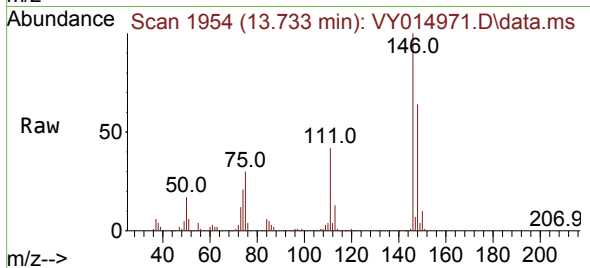




#91
 1,2-Dichlorobenzene
 Concen: 46.642 ug/l
 RT: 13.733 min Scan# 1954
 Delta R.T. 0.000 min
 Lab File: VY014971.D
 Acq: 07 Aug 2023 18:25

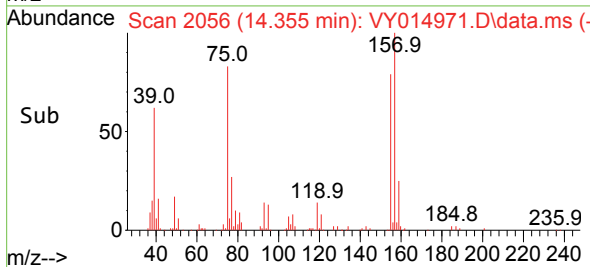
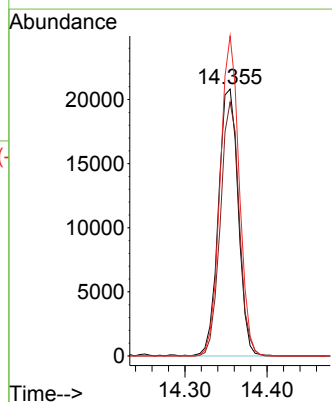
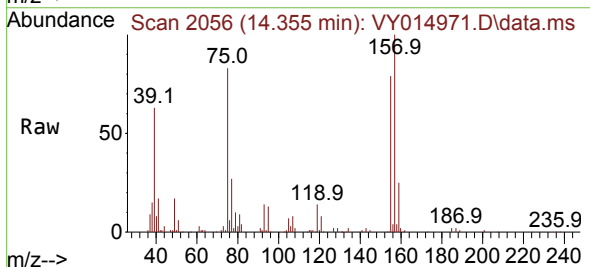
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY080723

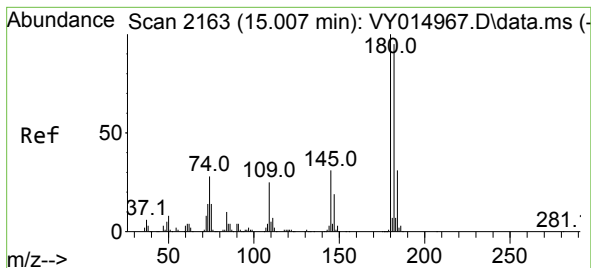
Tgt Ion:146 Resp: 334325
 Ion Ratio Lower Upper
 146 100
 111 41.1 19.7 59.0
 148 64.2 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.684 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. 0.000 min
 Lab File: VY014971.D
 Acq: 07 Aug 2023 18:25

Tgt Ion: 75 Resp: 34877
 Ion Ratio Lower Upper
 75 100
 155 90.4 41.5 124.6
 157 114.4 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 47.335 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY014971.D

Acq: 07 Aug 2023 18:25

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY080723

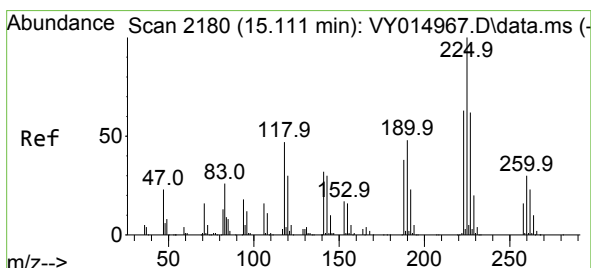
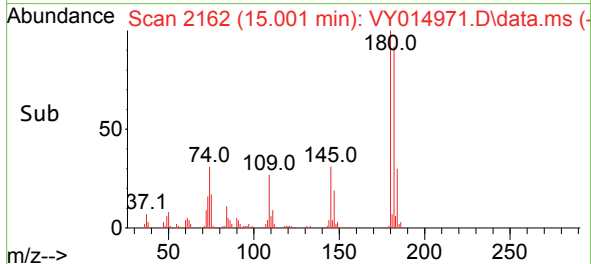
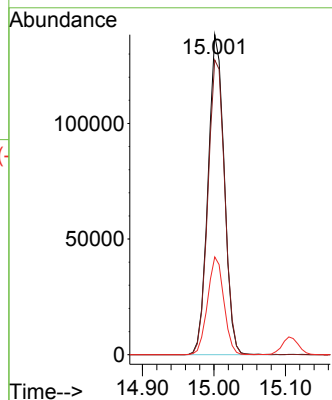
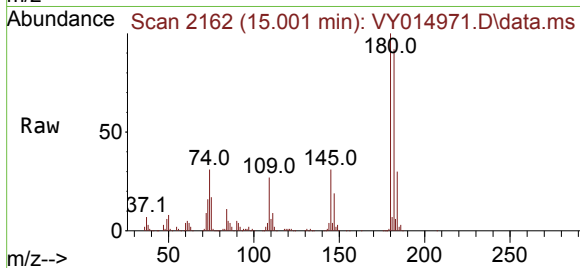
Tgt Ion:180 Resp: 217115

Ion Ratio Lower Upper

180 100

182 95.6 47.0 141.2

145 30.9 14.5 43.5



#94

Hexachlorobutadiene

Concen: 46.959 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY014971.D

Acq: 07 Aug 2023 18:25

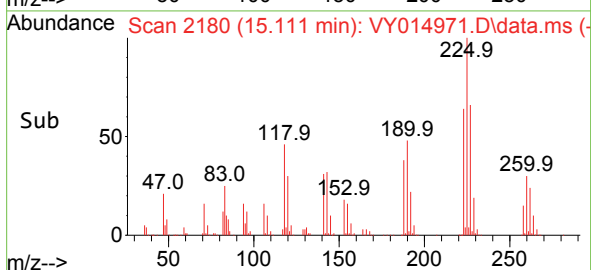
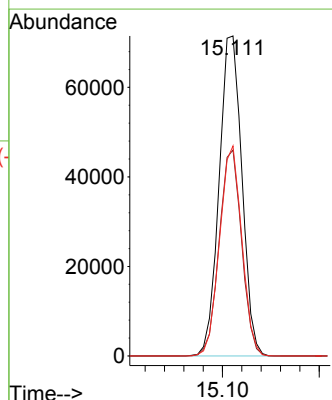
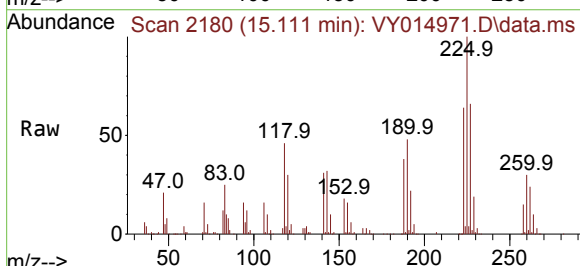
Tgt Ion:225 Resp: 116799

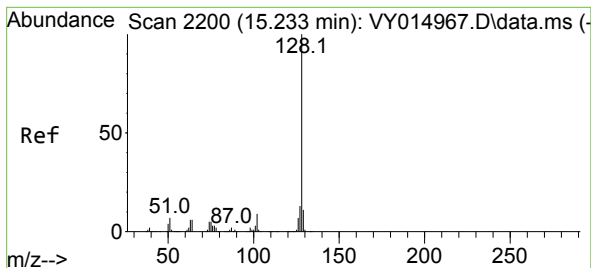
Ion Ratio Lower Upper

225 100

223 63.4 31.9 95.9

227 63.9 33.0 98.9





#95

Naphthalene

Concen: 47.837 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY014971.D

Acq: 07 Aug 2023 18:25

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY080723

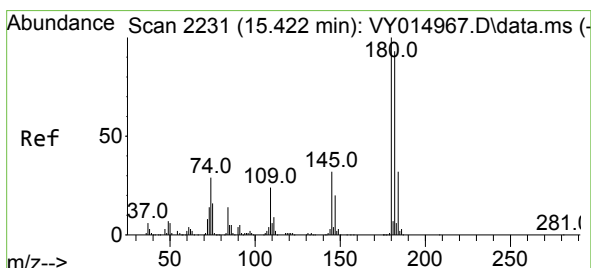
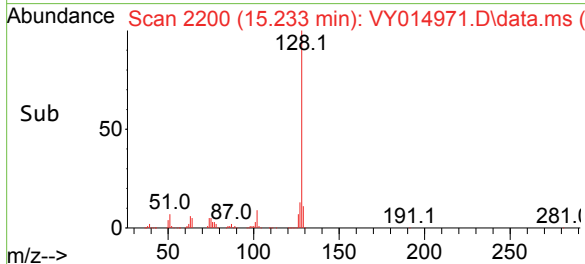
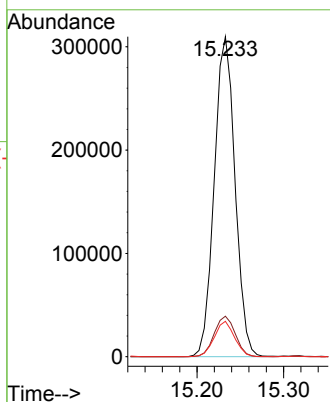
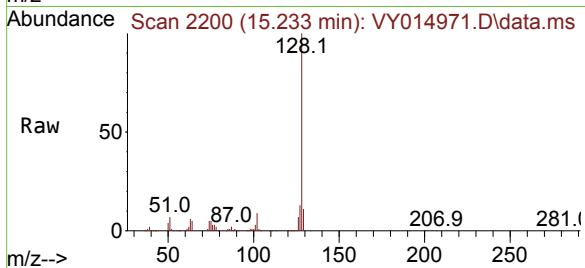
Tgt Ion:128 Resp: 516285

Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 47.853 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY014971.D

Acq: 07 Aug 2023 18:25

Tgt Ion:180 Resp: 198675

Ion Ratio Lower Upper

180 100

182 93.8 47.3 141.8

145 32.8 15.4 46.2

