

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020124\
 Data File : VY017172.D
 Acq On : 01 Feb 2024 17:16
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY020124

Quant Time: Feb 02 00:59:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	136019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	232140	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	201956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	93548	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	57977	47.713	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.420%
35) Dibromofluoromethane	7.728	113	57956	46.239	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.480%
50) Toluene-d8	10.191	98	217758	47.717	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.440%
62) 4-Bromofluorobenzene	12.489	95	71853	48.064	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	45687	44.308	ug/l	98
3) Chloromethane	2.119	50	92561	49.969	ug/l	97
4) Vinyl Chloride	2.253	62	114339	50.653	ug/l	99
5) Bromomethane	2.656	94	77901	49.785	ug/l	95
6) Chloroethane	2.796	64	76110	52.219	ug/l	99
7) Trichlorofluoromethane	3.131	101	116127	50.029	ug/l	97
8) Diethyl Ether	3.534	74	37385	51.203	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.905	101	69996	49.746	ug/l	98
10) Methyl Iodide	4.101	142	75181	50.823	ug/l	100
11) Tert butyl alcohol	4.960	59	25759	251.996	ug/l	98
12) 1,1-Dichloroethene	3.881	96	65232	49.476	ug/l	99
13) Acrolein	3.735	56	22965	227.016	ug/l	100
14) Allyl chloride	4.485	41	101761	51.054	ug/l	98
15) Acrylonitrile	5.174	53	84105	255.843	ug/l	99
16) Acetone	3.948	43	88971	249.123	ug/l	95
17) Carbon Disulfide	4.204	76	206846	49.147	ug/l	99
18) Methyl Acetate	4.485	43	45286	56.841	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	167252	52.672	ug/l	100
20) Methylene Chloride	4.729	84	77944	53.535	ug/l	98
21) trans-1,2-Dichloroethene	5.234	96	75408	50.276	ug/l	100
22) Diisopropyl ether	6.131	45	227397	51.951	ug/l	97
23) Vinyl Acetate	6.070	43	692416	261.073	ug/l	100
24) 1,1-Dichloroethane	6.027	63	134534	50.173	ug/l	99
25) 2-Butanone	6.996	43	119636	251.987	ug/l	100
26) 2,2-Dichloropropane	6.996	77	114344	51.267	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	84921	50.623	ug/l	99
28) Bromochloromethane	7.344	49	50346	49.037	ug/l	100
29) Tetrahydrofuran	7.362	42	70951	264.549	ug/l	99
30) Chloroform	7.521	83	137312	50.905	ug/l	99
31) Cyclohexane	7.795	56	119603	48.834	ug/l	99
32) 1,1,1-Trichloroethane	7.716	97	118485	51.067	ug/l	99
36) 1,1-Dichloropropene	7.929	75	108597	50.229	ug/l	100
37) Ethyl Acetate	7.088	43	50189	50.050	ug/l	100
38) Carbon Tetrachloride	7.911	117	104909	50.679	ug/l	98
39) Methylcyclohexane	9.197	83	133375	52.804	ug/l	96
40) Benzene	8.173	78	310007	50.210	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	21403	45.048	ug/l #	78
42) 1,2-Dichloroethane	8.246	62	82212	50.291	ug/l	100
43) Isopropyl Acetate	8.283	43	92872	52.319	ug/l	99
44) Trichloroethene	8.953	130	77802	49.642	ug/l	95
45) 1,2-Dichloropropane	9.228	63	76826	50.658	ug/l	99
46) Dibromomethane	9.313	93	41279	50.389	ug/l	99
47) Bromodichloromethane	9.508	83	104330	50.889	ug/l	100
48) Methyl methacrylate	9.301	41	44266	53.164	ug/l	99
49) 1,4-Dioxane	9.307	88	9672	1084.718	ug/l	96
51) 4-Methyl-2-Pentanone	10.081	43	254639	267.604	ug/l	99
52) Toluene	10.252	92	192702	51.707	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	101992	52.963	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	120641	52.303	ug/l	98
55) 1,1,2-Trichloroethane	10.654	97	56790	50.952	ug/l	98
56) Ethyl methacrylate	10.520	69	76264	50.805	ug/l	100
57) 1,3-Dichloropropane	10.801	76	98271	51.262	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	200288	288.448	ug/l	100
59) 2-Hexanone	10.843	43	185526	269.631	ug/l	99
60) Dibromochloromethane	10.996	129	67016	51.253	ug/l	98
61) 1,2-Dibromoethane	11.099	107	53427	51.541	ug/l	99
64) Tetrachloroethene	10.727	164	65212	49.719	ug/l	99
65) Chlorobenzene	11.526	112	196218	50.366	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	72279	51.051	ug/l	99
67) Ethyl Benzene	11.599	91	367476	52.191	ug/l	98
68) m/p-Xylenes	11.709	106	280383	104.933	ug/l	100
69) o-Xylene	12.038	106	131511	53.446	ug/l	100
70) Styrene	12.050	104	219335	54.099	ug/l	99
71) Bromoform	12.215	173	38549	51.990	ug/l #	100
73) Isopropylbenzene	12.337	105	348287	50.679	ug/l	100
74) N-amyl acetate	12.154	43	81878	53.024	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	65948	48.789	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	84341	97.681	ug/l #	100
77) Bromobenzene	12.617	156	73854	48.449	ug/l	99
78) n-propylbenzene	12.678	91	432654	51.259	ug/l	100
79) 2-Chlorotoluene	12.764	91	236371	50.938	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	283182	51.811	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	21538	51.832	ug/l	98
82) 4-Chlorotoluene	12.861	91	241478	50.562	ug/l	100
83) tert-Butylbenzene	13.081	119	241607	51.569	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	281861	52.245	ug/l	99
85) sec-Butylbenzene	13.264	105	378223	51.652	ug/l	99
86) p-Isopropyltoluene	13.379	119	306935	52.454	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	151232	49.731	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	147726	50.002	ug/l	99
89) n-Butylbenzene	13.703	91	300756	54.059	ug/l	99
90) Hexachloroethane	13.971	117	60279	50.180	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	131396	50.755	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9025	51.259	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	70250	54.631	ug/l	98
94) Hexachlorobutadiene	15.123	225	39536	52.203	ug/l	98
95) Naphthalene	15.245	128	135299	51.860	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	58574	53.558	ug/l	98

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QLast Update : Fri Feb 02 00:56:04 2024
Response via : Initial Calibration

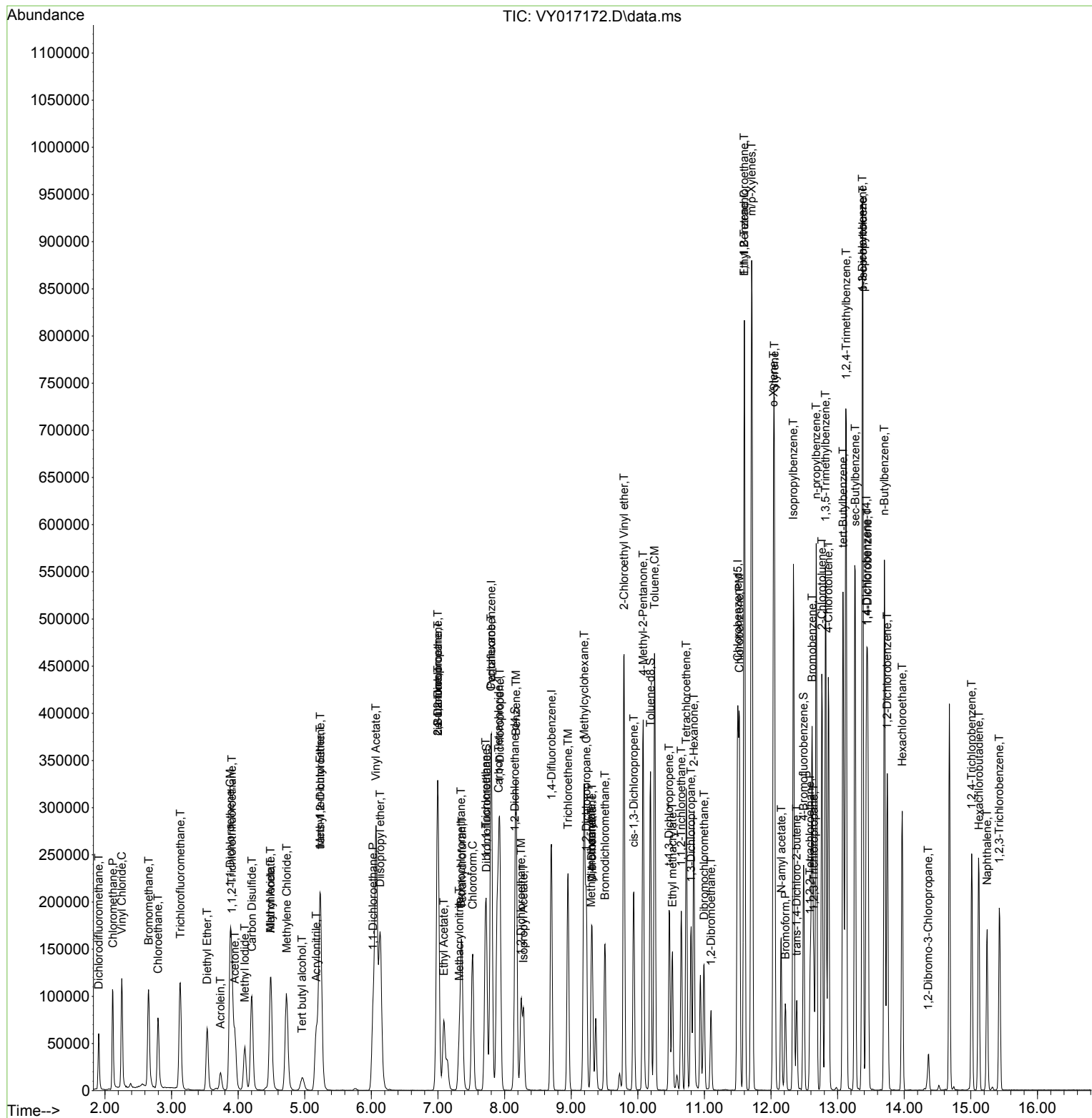
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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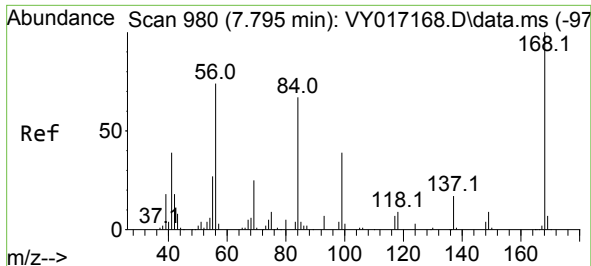
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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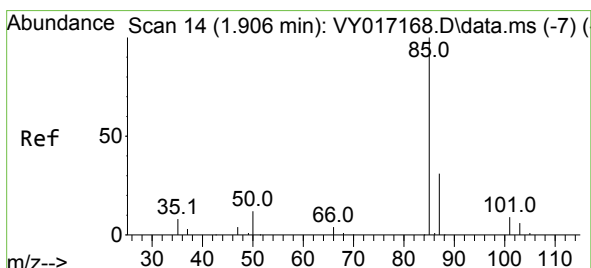
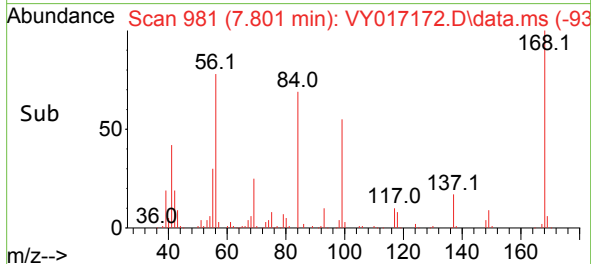
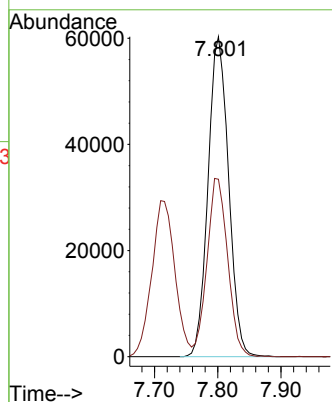
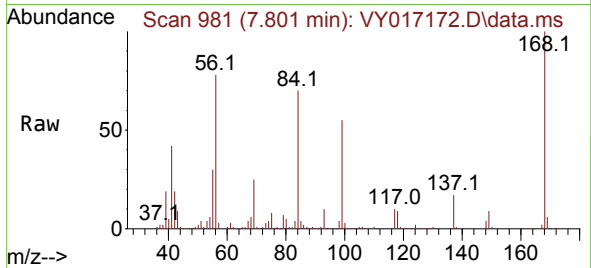




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
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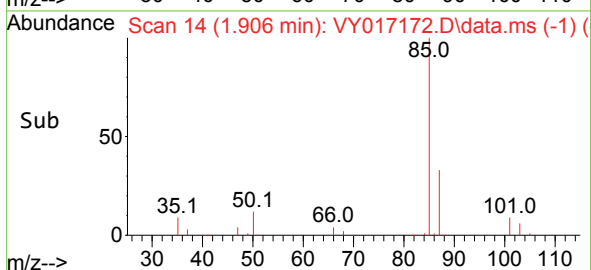
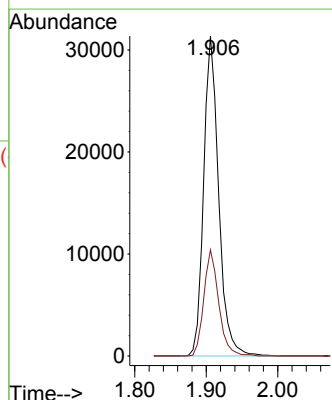
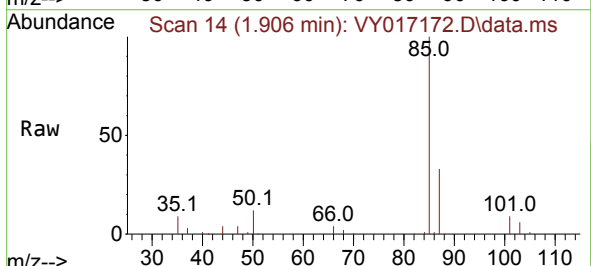
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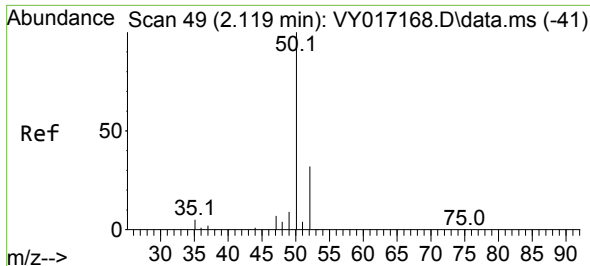
Tgt Ion:168 Resp: 136019
Ion Ratio Lower Upper
168 100
99 55.5 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 44.308 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY017172.D
Acq: 01 Feb 2024 17:16

Tgt Ion: 85 Resp: 45687
Ion Ratio Lower Upper
85 100
87 33.2 17.1 51.3

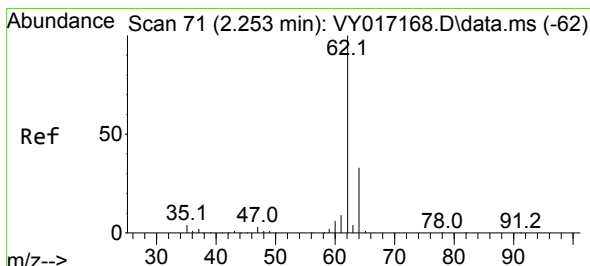
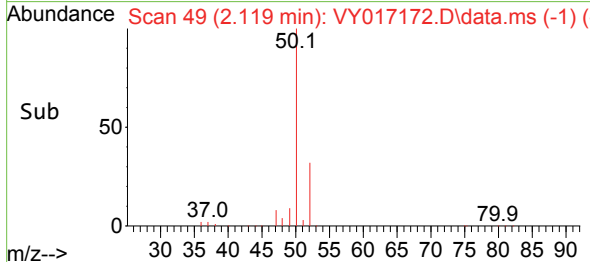
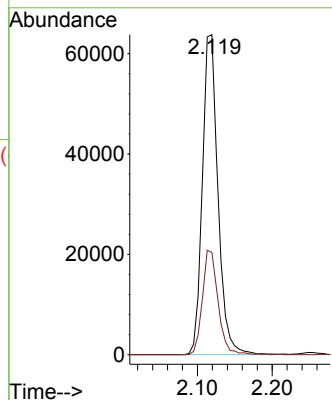
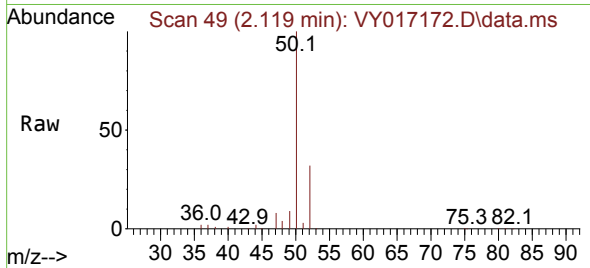




#3
Chloromethane
Concen: 49.969 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY017172.D
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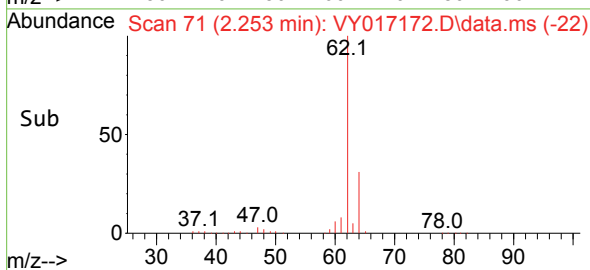
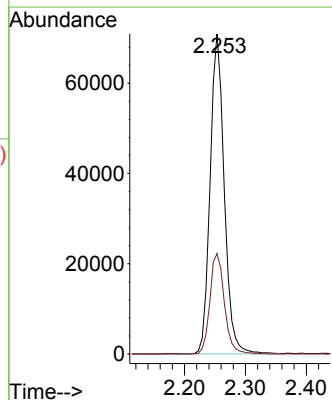
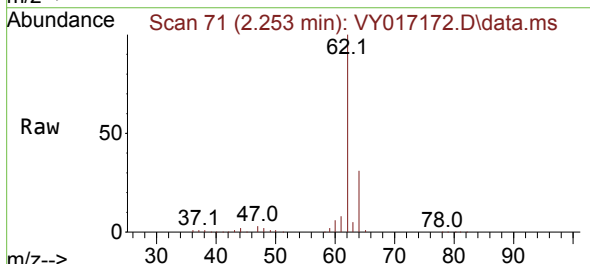
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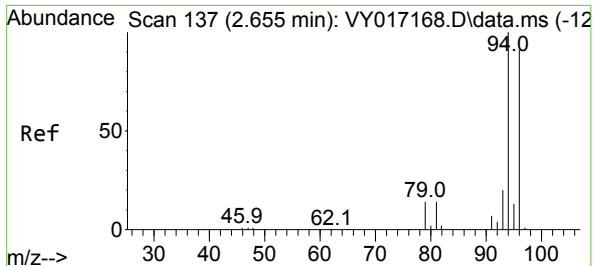
Tgt Ion: 50 Resp: 92561
Ion Ratio Lower Upper
50 100
52 32.0 26.7 40.1



#4
Vinyl Chloride
Concen: 50.653 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY017172.D
Acq: 01 Feb 2024 17:16

Tgt Ion: 62 Resp: 114339
Ion Ratio Lower Upper
62 100
64 31.4 25.7 38.5

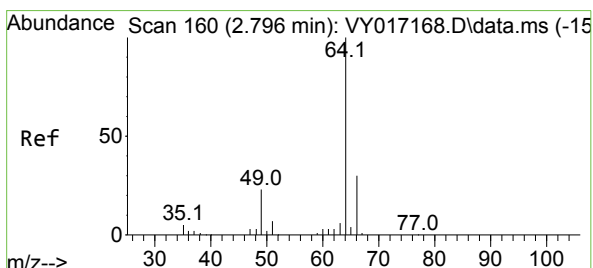
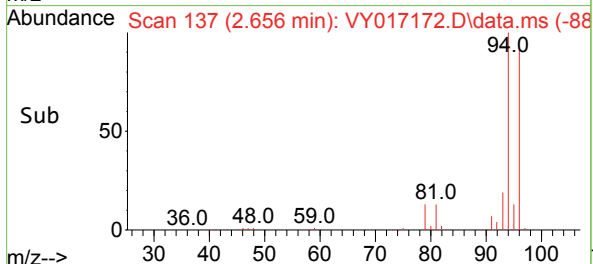
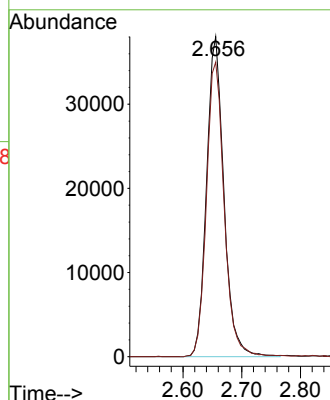
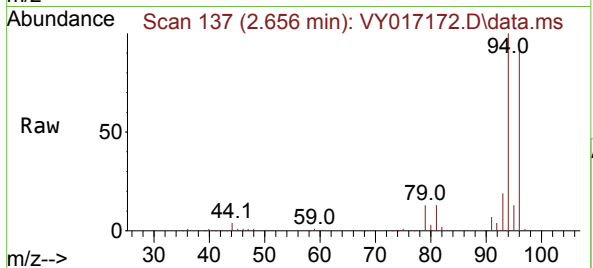




#5
Bromomethane
Concen: 49.785 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017172.D
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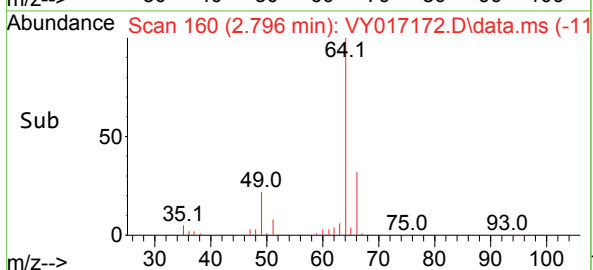
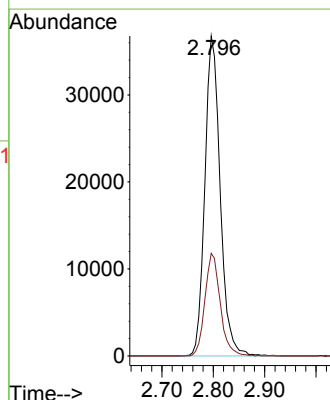
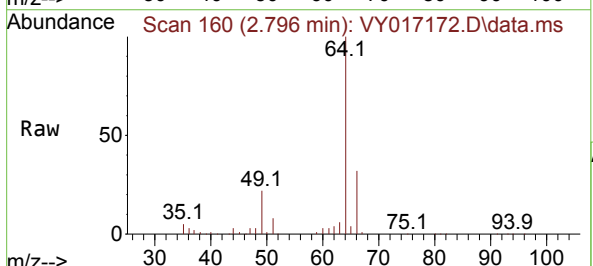
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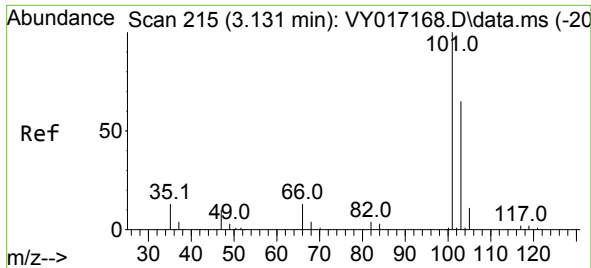
Tgt Ion: 94 Resp: 77901
Ion Ratio Lower Upper
94 100
96 92.0 77.3 115.9



#6
Chloroethane
Concen: 52.219 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
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Tgt Ion: 64 Resp: 76110
Ion Ratio Lower Upper
64 100
66 32.1 25.1 37.7

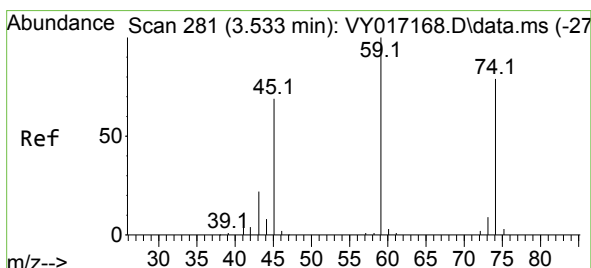
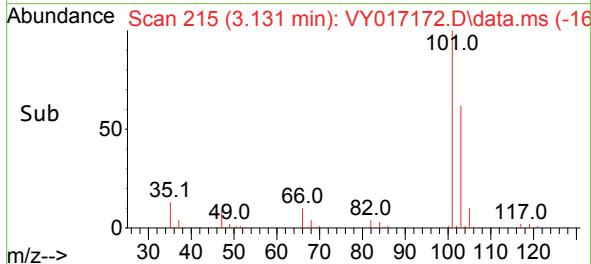
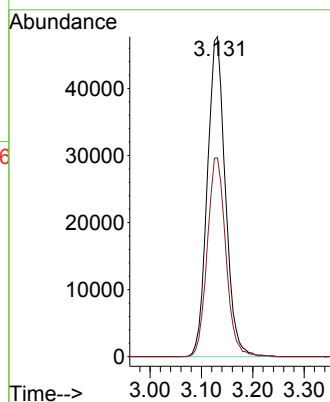
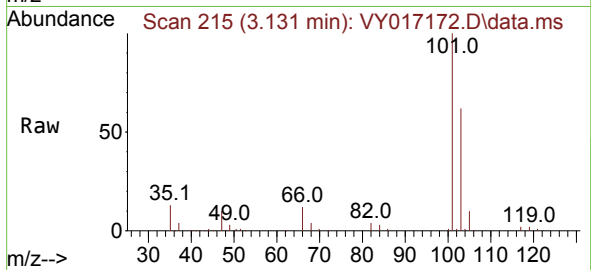




#7
 Trichlorofluoromethane
 Concen: 50.029 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. 0.000 min
 Lab File: VY017172.D
 Acq: 01 Feb 2024 17:16

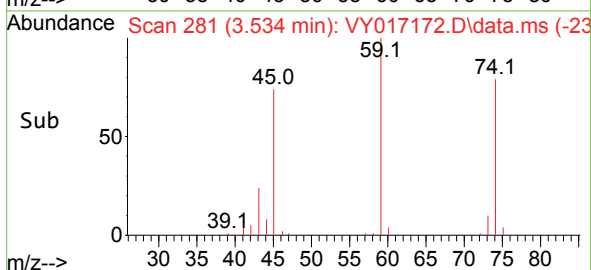
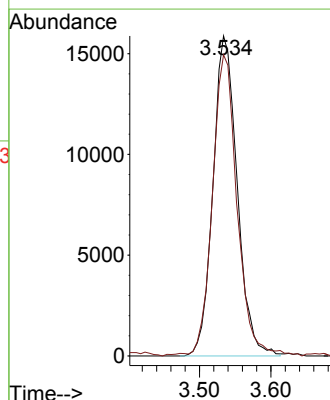
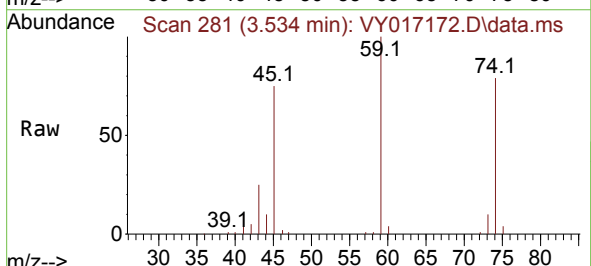
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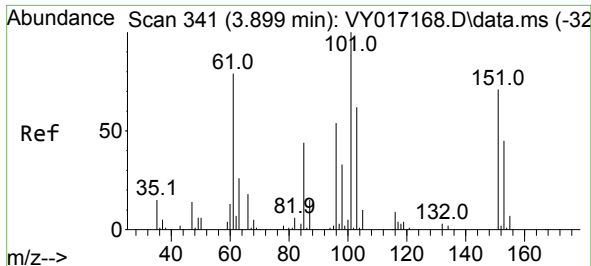
Tgt Ion:101 Resp: 116127
 Ion Ratio Lower Upper
 101 100
 103 62.2 51.9 77.9



#8
 Diethyl Ether
 Concen: 51.203 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 37385
 Ion Ratio Lower Upper
 74 100
 45 96.2 47.9 143.7

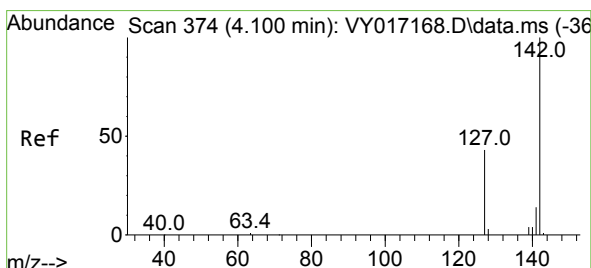
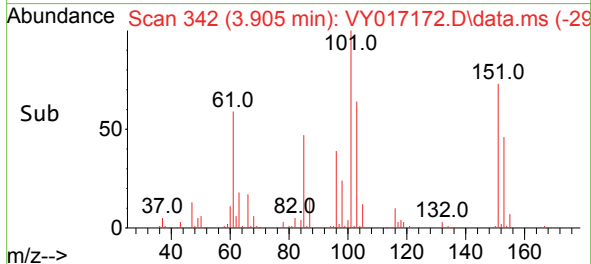
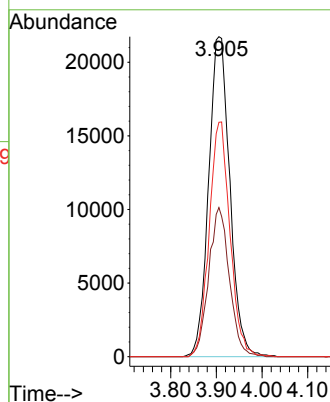
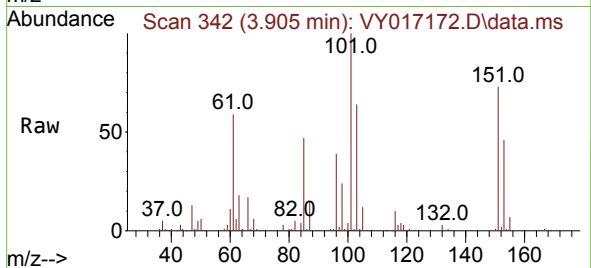




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.746 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY017172.D
Acq: 01 Feb 2024 17:16

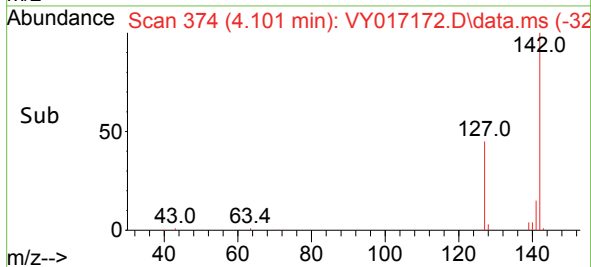
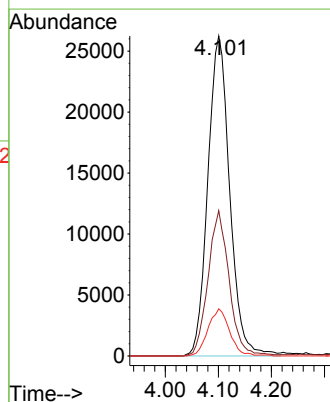
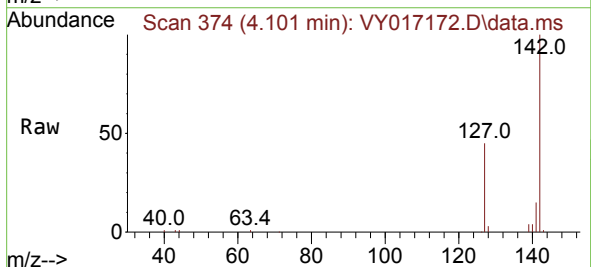
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020124

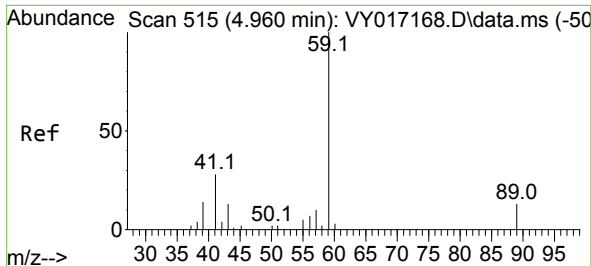
Tgt Ion:101 Resp: 69996
Ion Ratio Lower Upper
101 100
85 45.6 35.8 53.6
151 72.0 58.6 88.0



#10
Methyl Iodide
Concen: 50.823 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY017172.D
Acq: 01 Feb 2024 17:16

Tgt Ion:142 Resp: 75181
Ion Ratio Lower Upper
142 100
127 44.0 35.1 52.7
141 14.5 11.8 17.6

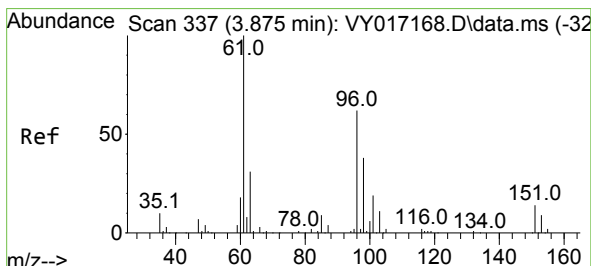
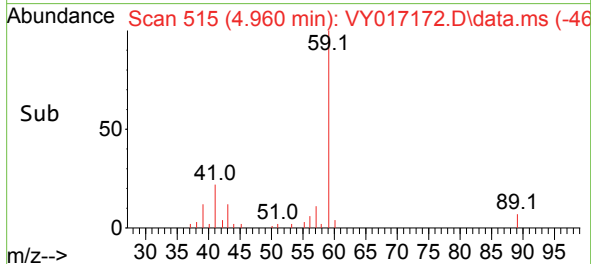
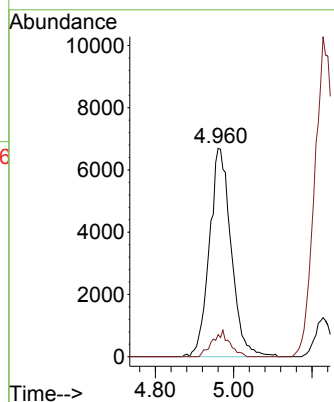
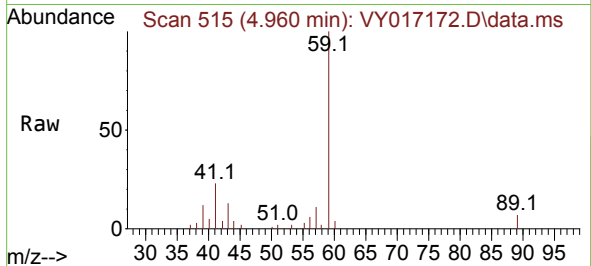




#11
Tert butyl alcohol
Concen: 251.996 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY017172.D
Acq: 01 Feb 2024 17:16

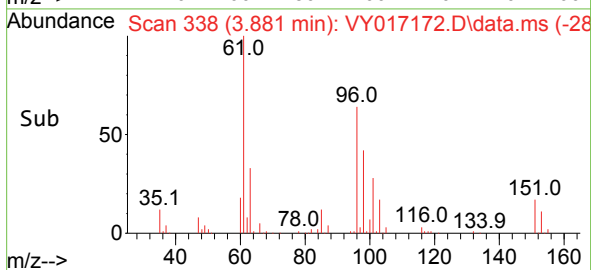
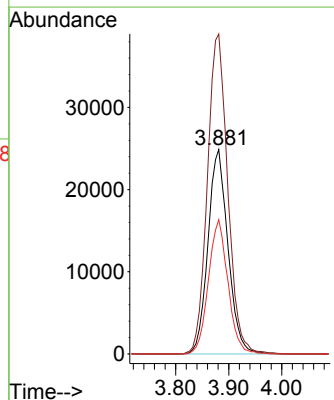
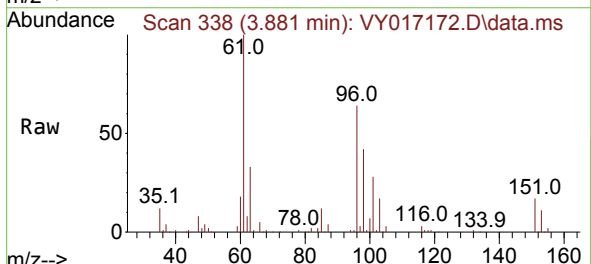
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020124

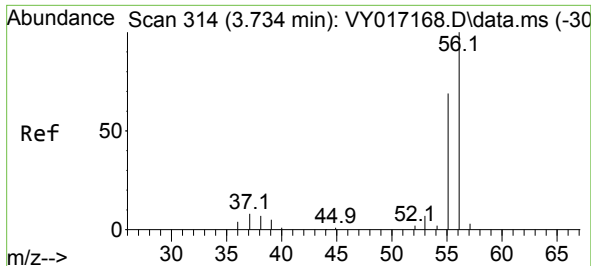
Tgt Ion: 59 Resp: 25759
Ion Ratio Lower Upper
59 100
57 9.9 7.4 11.0



#12
1,1-Dichloroethene
Concen: 49.476 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.006 min
Lab File: VY017172.D
Acq: 01 Feb 2024 17:16

Tgt Ion: 96 Resp: 65232
Ion Ratio Lower Upper
96 100
61 156.5 124.2 186.2
98 65.6 52.6 79.0





#13

Acrolein

Concen: 227.016 ug/l

RT: 3.735 min Scan# 314

Delta R.T. 0.001 min

Lab File: VY017172.D

Acq: 01 Feb 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

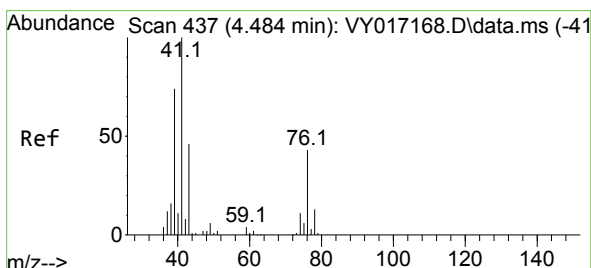
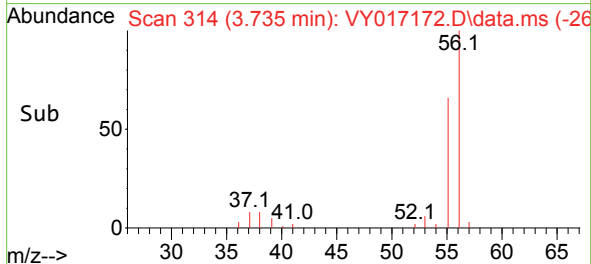
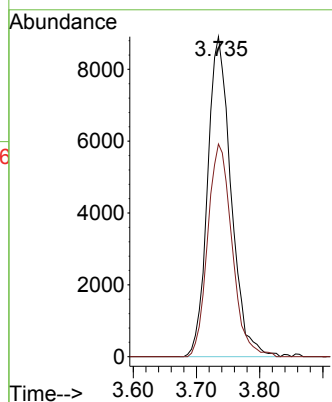
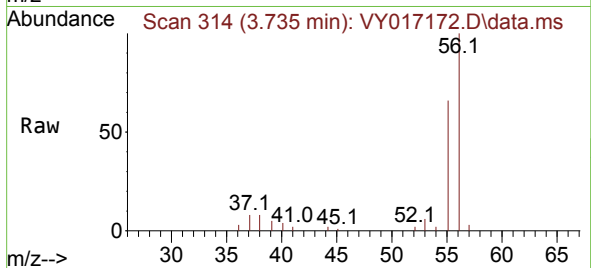
ICVVY020124

Tgt Ion: 56 Resp: 22965

Ion Ratio Lower Upper

56 100

55 68.9 55.4 83.0



#14

Allyl chloride

Concen: 51.054 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY017172.D

Acq: 01 Feb 2024 17:16

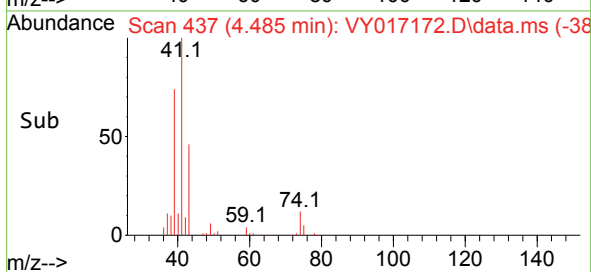
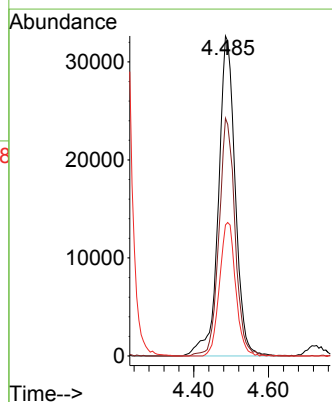
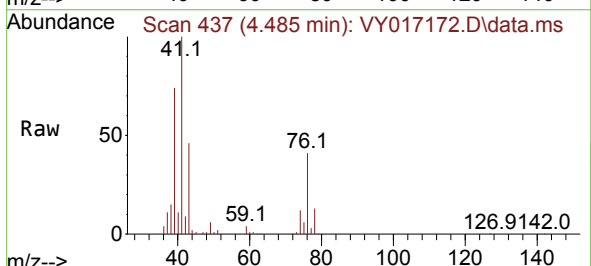
Tgt Ion: 41 Resp: 101761

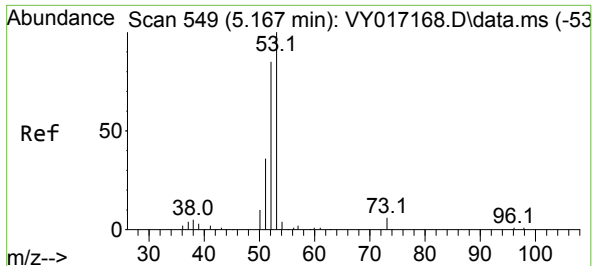
Ion Ratio Lower Upper

41 100

39 71.0 54.7 82.1

76 40.0 31.8 47.6

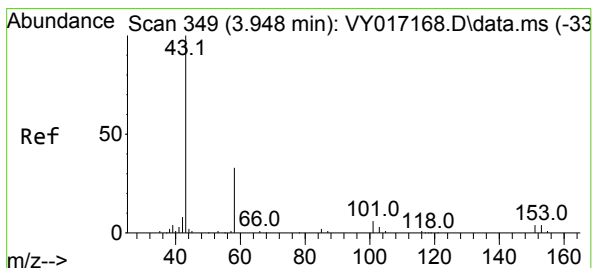
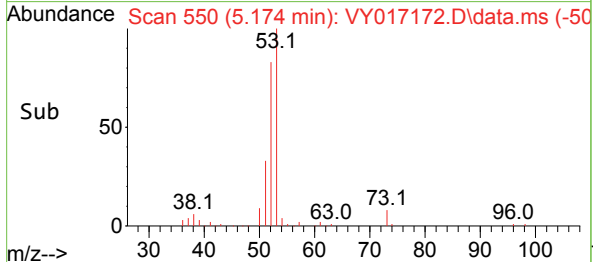
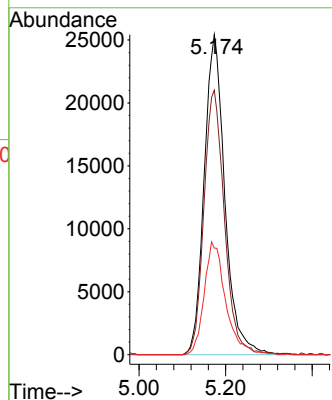
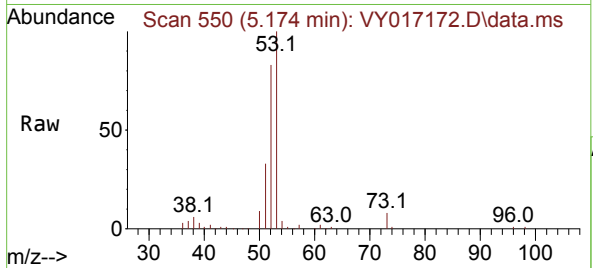




#15
Acrylonitrile
Concen: 255.843 ug/l
RT: 5.174 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY017172.D
Acq: 01 Feb 2024 17:16

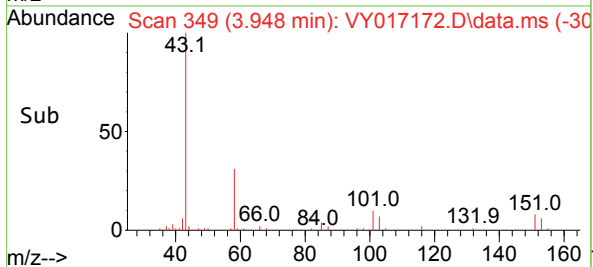
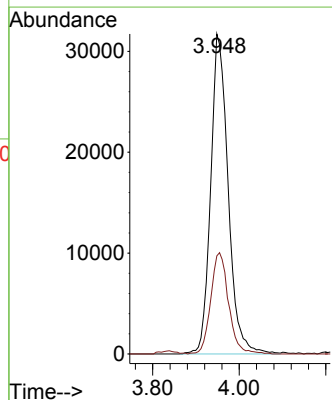
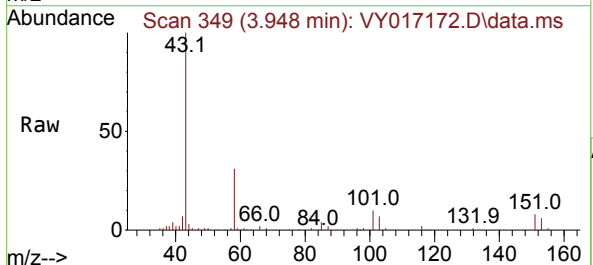
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020124

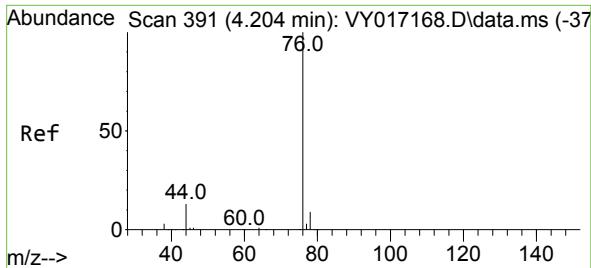
Tgt Ion: 53	Resp:	84105
Ion Ratio	Lower	Upper
53	100	
52	82.1	65.1 97.7
51	36.9	29.0 43.4



#16
Acetone
Concen: 249.123 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY017172.D
Acq: 01 Feb 2024 17:16

Tgt Ion: 43	Resp:	88971
Ion Ratio	Lower	Upper
43	100	
58	30.6	26.6 39.8

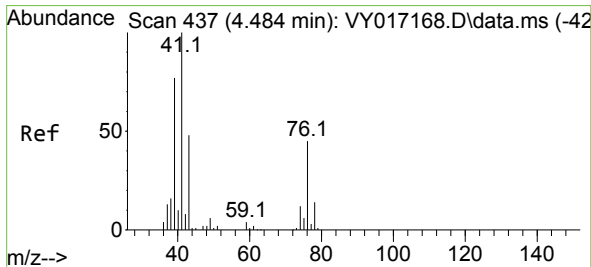
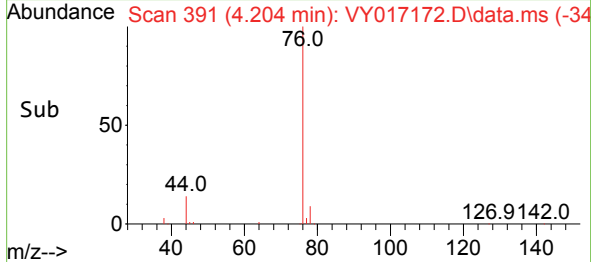
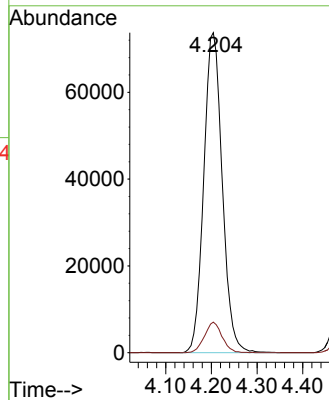
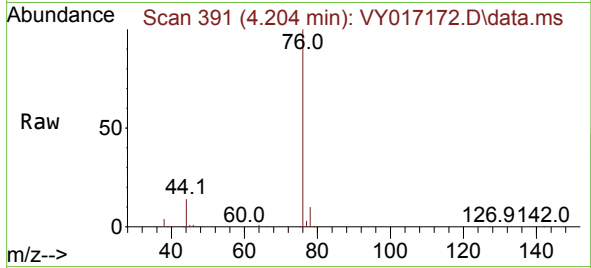




#17
Carbon Disulfide
Concen: 49.147 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY017172.D
Acq: 01 Feb 2024 17:16

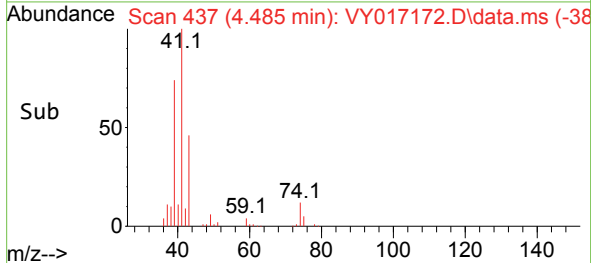
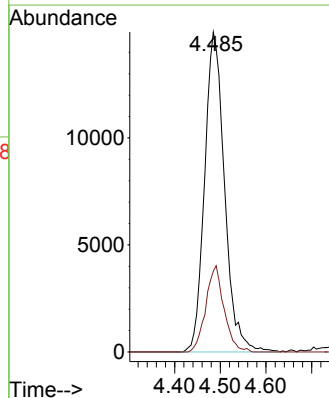
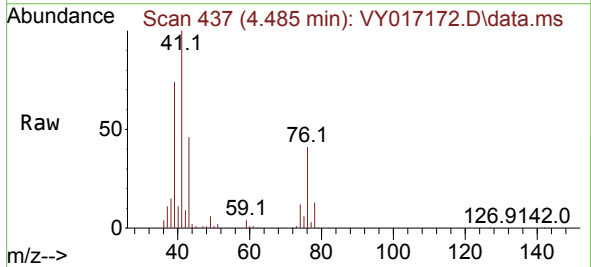
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020124

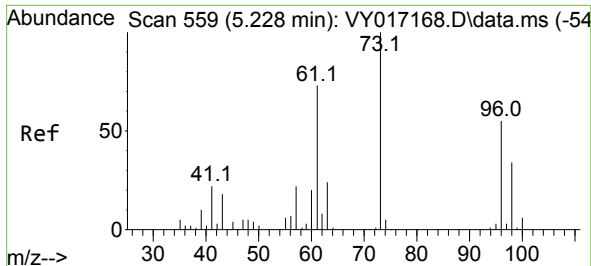
Tgt Ion: 76 Resp: 206846
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 56.841 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY017172.D
Acq: 01 Feb 2024 17:16

Tgt Ion: 43 Resp: 45286
Ion Ratio Lower Upper
43 100
74 24.6 19.8 29.6

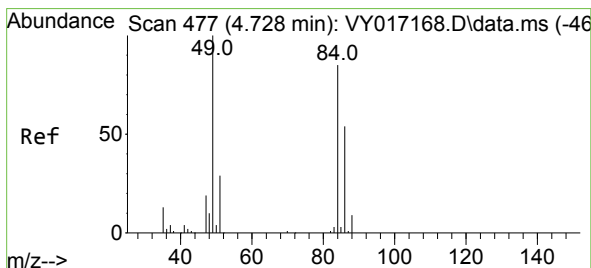
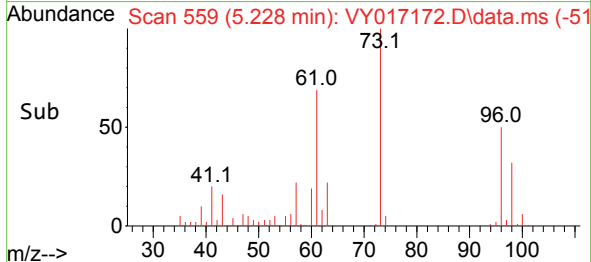
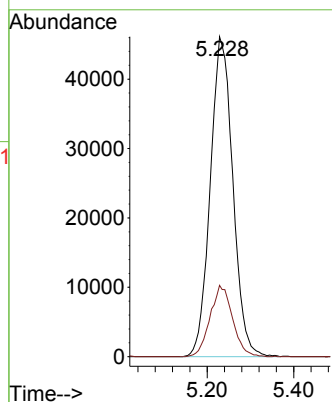
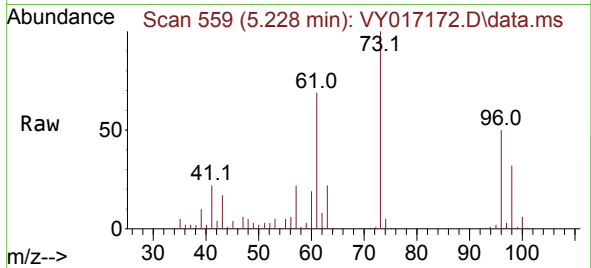




#19
Methyl tert-butyl Ether
Concen: 52.672 ug/l
RT: 5.228 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY017172.D
Acq: 01 Feb 2024 17:16

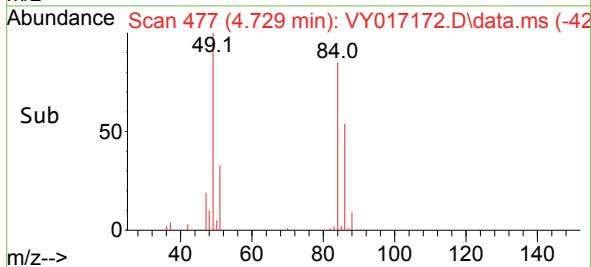
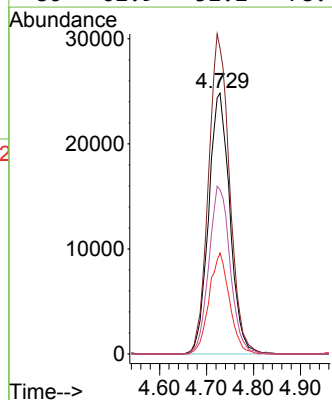
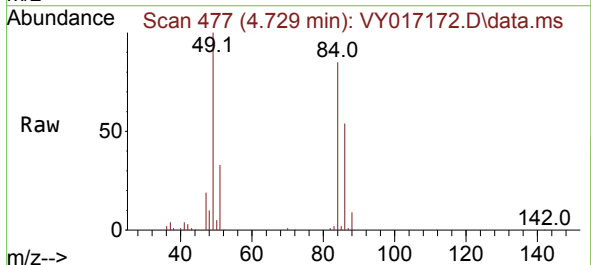
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020124

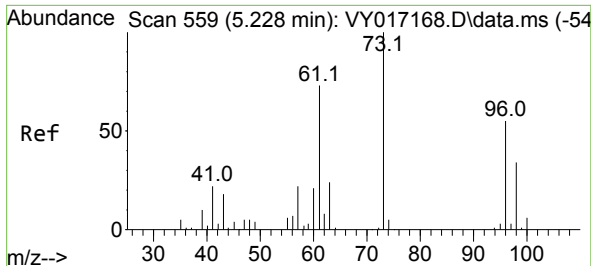
Tgt Ion: 73 Resp: 167252
Ion Ratio Lower Upper
73 100
57 22.3 17.7 26.5



#20
Methylene Chloride
Concen: 53.535 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.001 min
Lab File: VY017172.D
Acq: 01 Feb 2024 17:16

Tgt Ion: 84 Resp: 77944
Ion Ratio Lower Upper
84 100
49 117.2 95.2 142.8
51 38.7 29.9 44.9
86 62.9 52.2 78.4

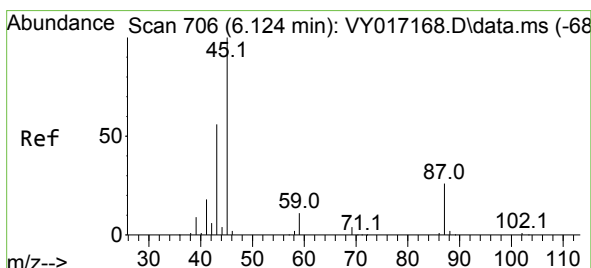
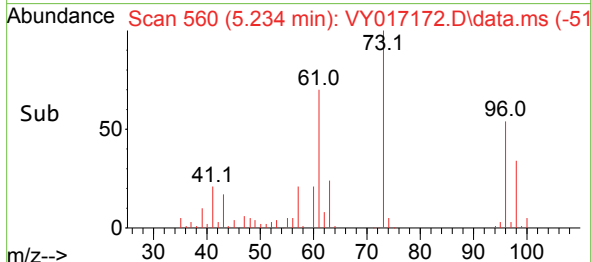
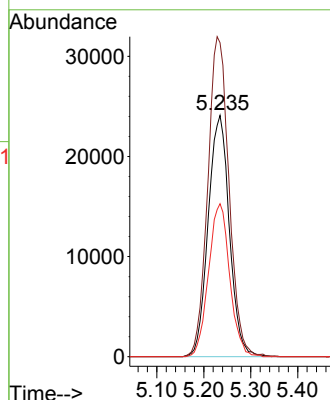
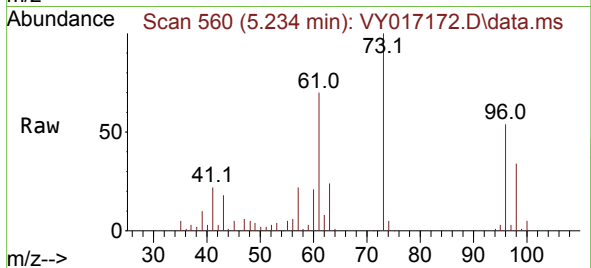




#21
trans-1,2-Dichloroethene
Concen: 50.276 ug/l
RT: 5.234 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY017172.D
Acq: 01 Feb 2024 17:16

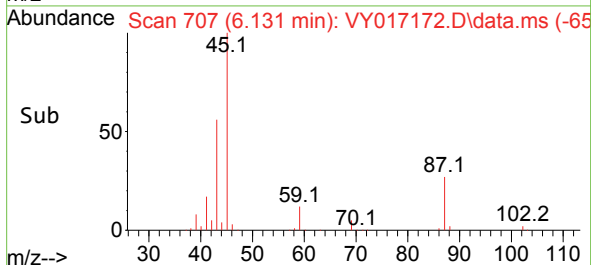
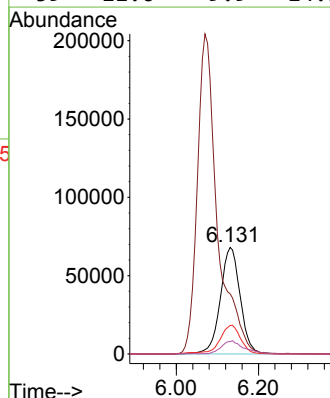
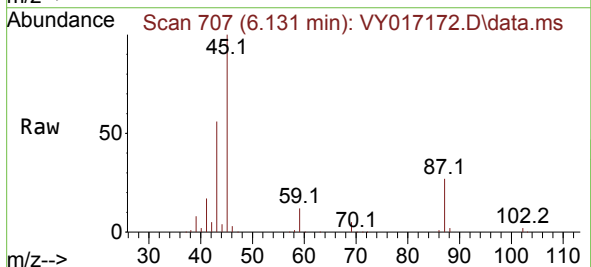
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020124

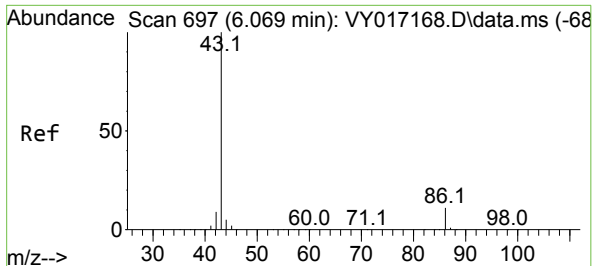
Tgt Ion: 96 Resp: 75408
Ion Ratio Lower Upper
96 100
61 130.1 104.6 156.8
98 63.4 50.9 76.3



#22
Diisopropyl ether
Concen: 51.951 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY017172.D
Acq: 01 Feb 2024 17:16

Tgt Ion: 45 Resp: 227397
Ion Ratio Lower Upper
45 100
43 56.1 46.8 70.2
87 26.7 22.2 33.2
59 11.6 9.9 14.9

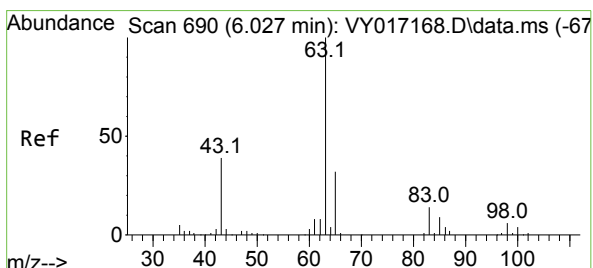
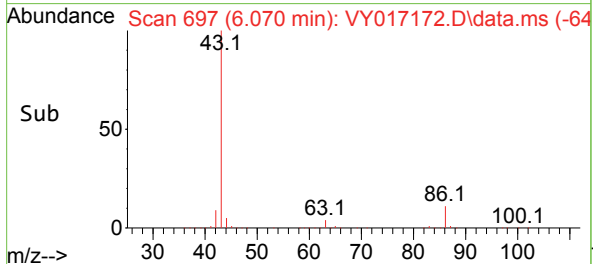
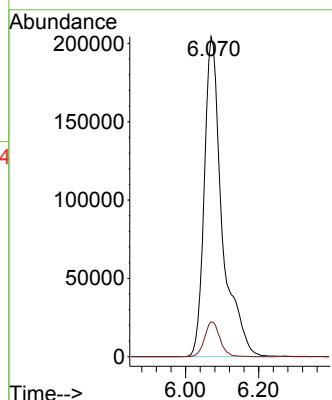
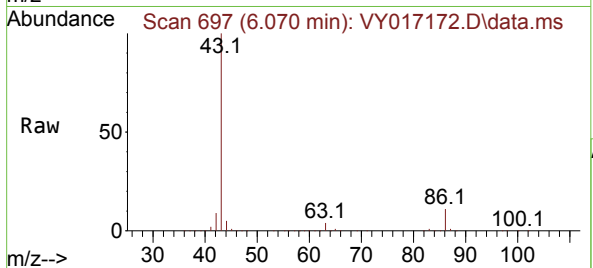




#23
 Vinyl Acetate
 Concen: 261.073 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY017172.D
 Acq: 01 Feb 2024 17:16

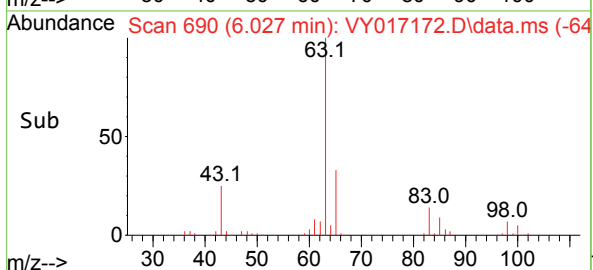
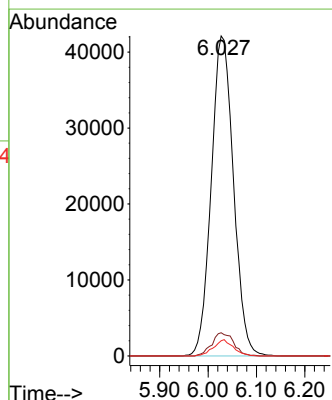
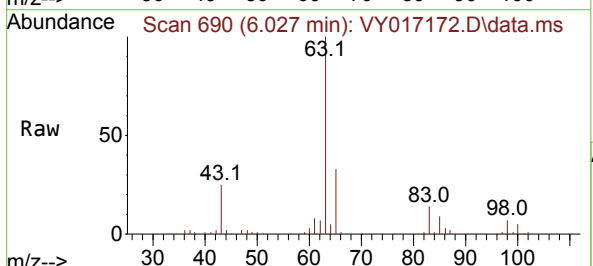
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY020124

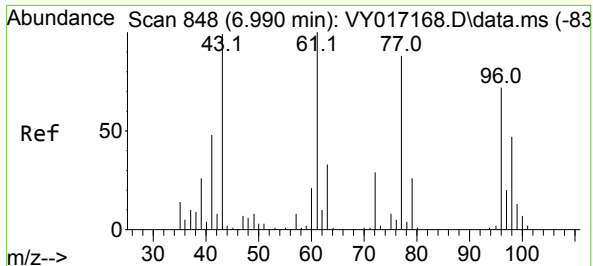
Tgt Ion: 43 Resp: 692416
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 50.173 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY017172.D
 Acq: 01 Feb 2024 17:16

Tgt Ion: 63 Resp: 134534
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.4
 100 4.7 2.1 6.2





#25

2-Butanone

Concen: 251.987 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY017172.D

Acq: 01 Feb 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

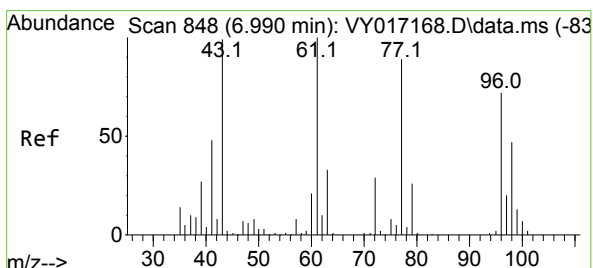
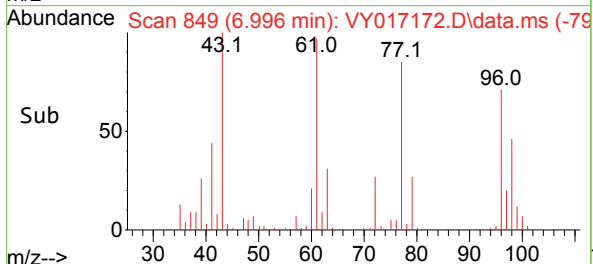
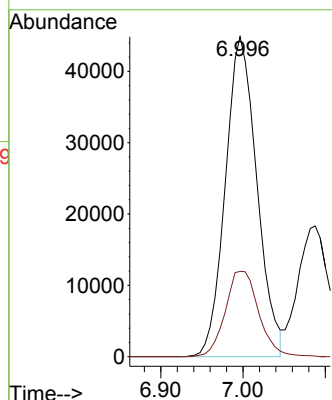
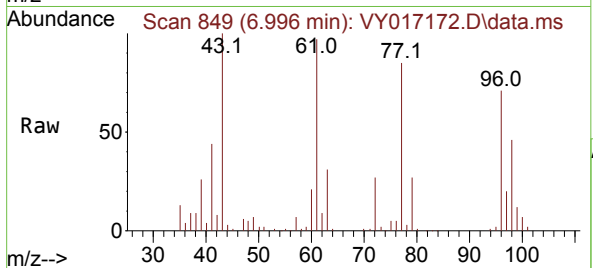
ICVVY020124

Tgt Ion: 43 Resp: 119636

Ion Ratio Lower Upper

43 100

72 26.7 21.4 32.2



#26

2,2-Dichloropropane

Concen: 51.267 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY017172.D

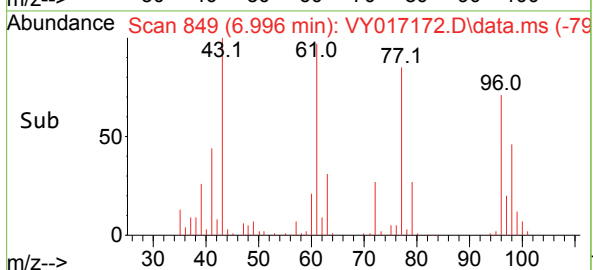
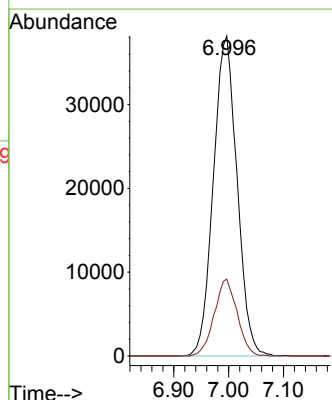
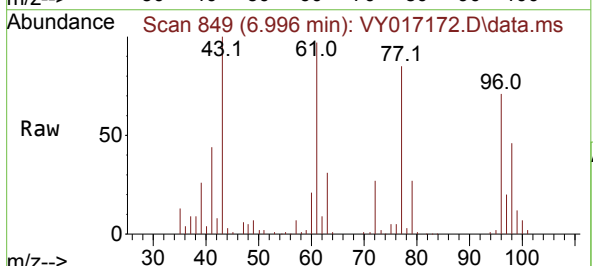
Acq: 01 Feb 2024 17:16

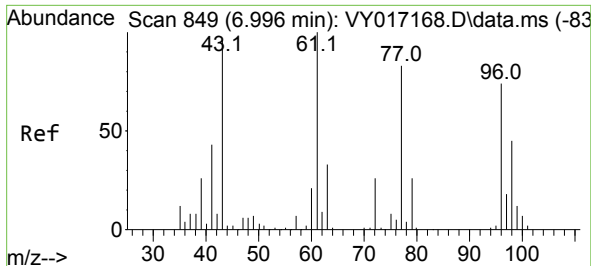
Tgt Ion: 77 Resp: 114344

Ion Ratio Lower Upper

77 100

97 23.3 11.7 35.0

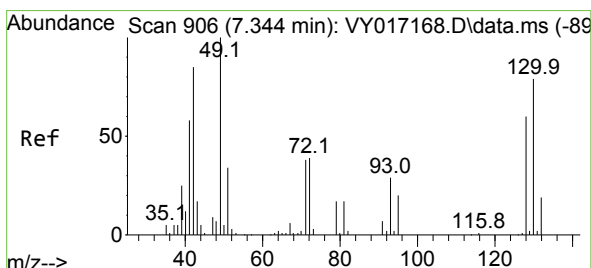
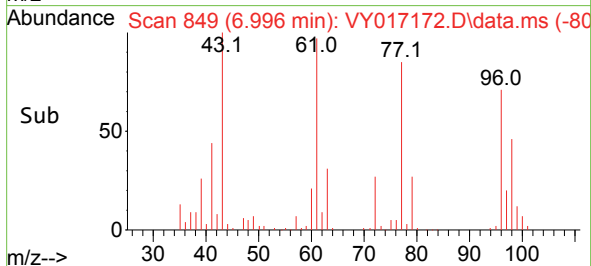
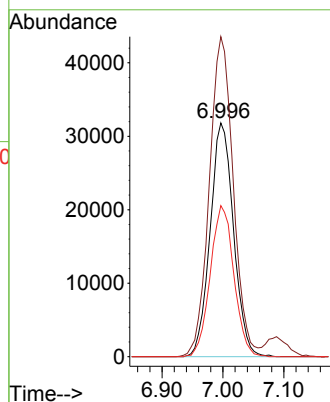
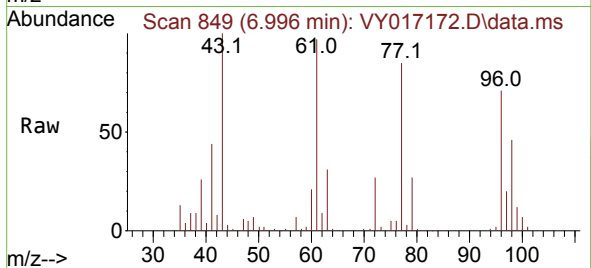




#27
 cis-1,2-Dichloroethene
 Concen: 50.623 ug/l
 RT: 6.996 min Scan# 849
 Delta R.T. 0.000 min
 Lab File: VY017172.D
 Acq: 01 Feb 2024 17:16

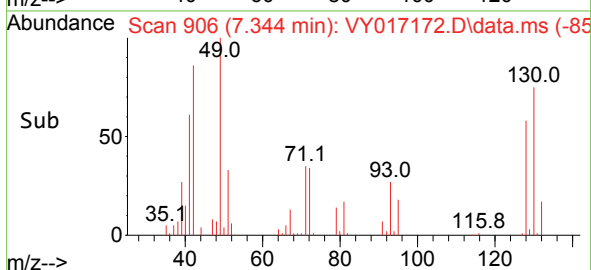
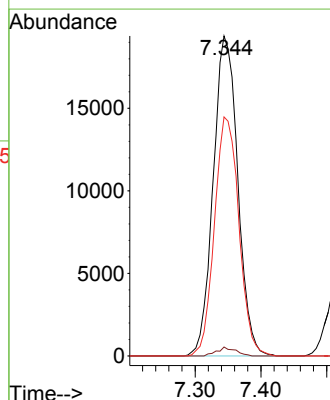
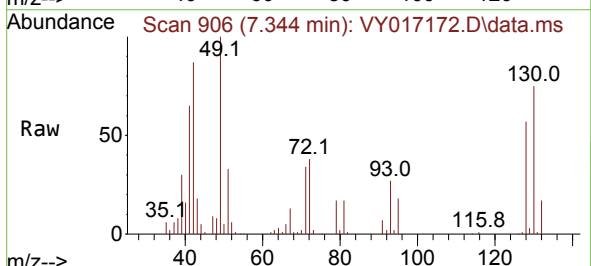
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY020124

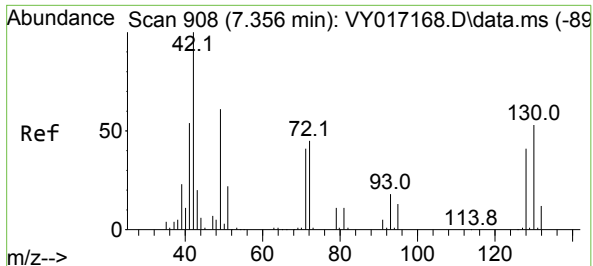
Tgt Ion: 96 Resp: 84921
 Ion Ratio Lower Upper
 96 100
 61 139.8 0.0 278.8
 98 65.3 0.0 127.0



#28
 Bromochloromethane
 Concen: 49.037 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY017172.D
 Acq: 01 Feb 2024 17:16

Tgt Ion: 49 Resp: 50346
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 74.4 59.8 89.8





#29

Tetrahydrofuran

Concen: 264.549 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.006 min

Lab File: VY017172.D

Acq: 01 Feb 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

ICVY020124

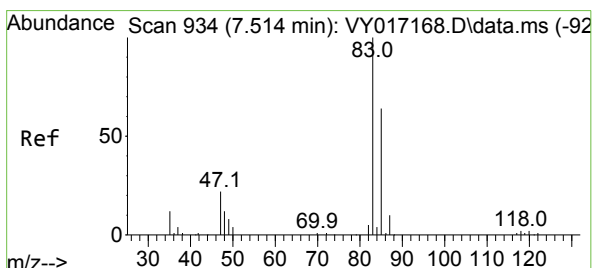
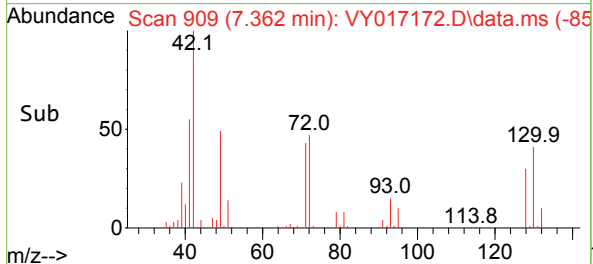
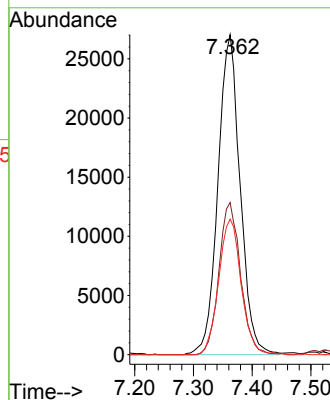
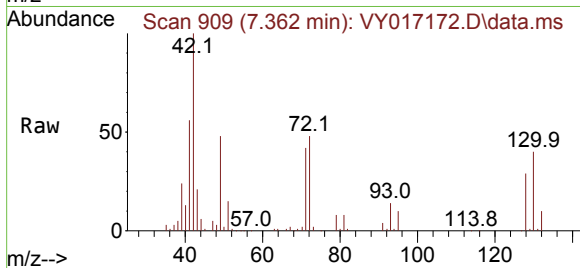
Tgt Ion: 42 Resp: 70951

Ion Ratio Lower Upper

42 100

72 46.3 36.6 54.8

71 42.9 33.8 50.6



#30

Chloroform

Concen: 50.905 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY017172.D

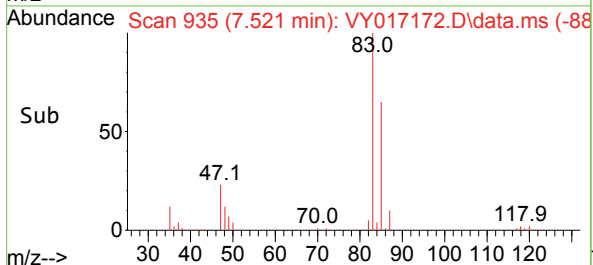
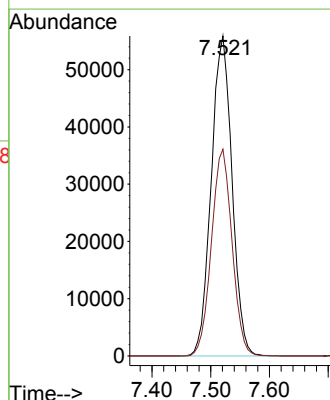
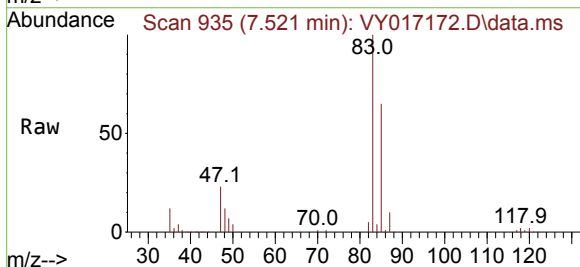
Acq: 01 Feb 2024 17:16

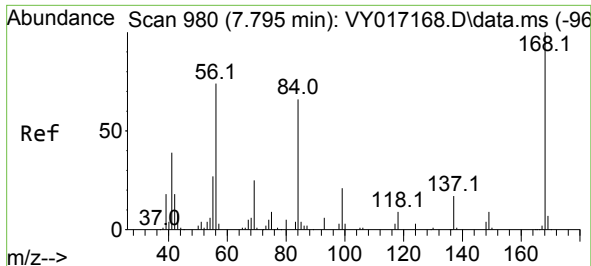
Tgt Ion: 83 Resp: 137312

Ion Ratio Lower Upper

83 100

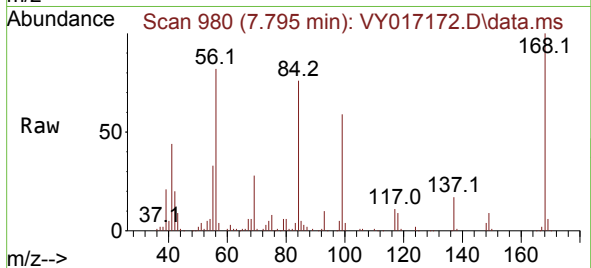
85 64.6 51.2 76.8



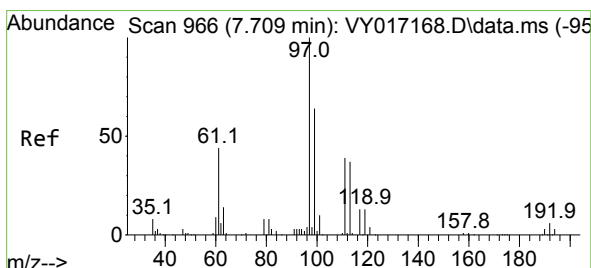
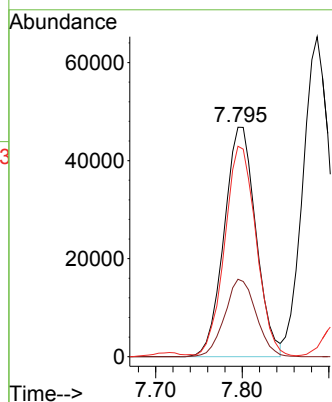
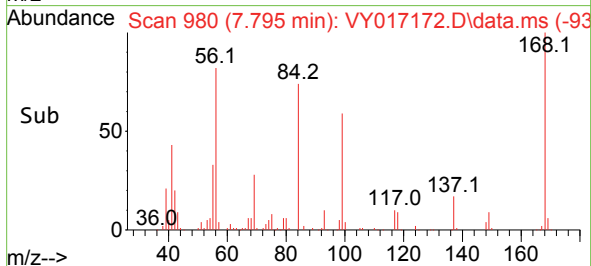


#31
Cyclohexane
Concen: 48.834 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017172.D
Acq: 01 Feb 2024 17:16

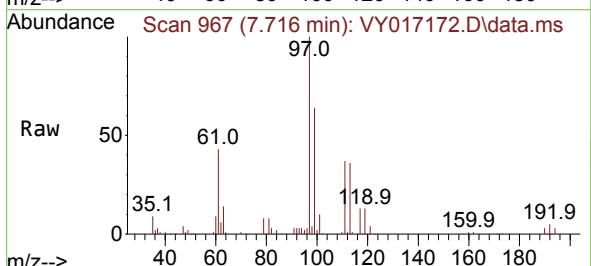
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020124



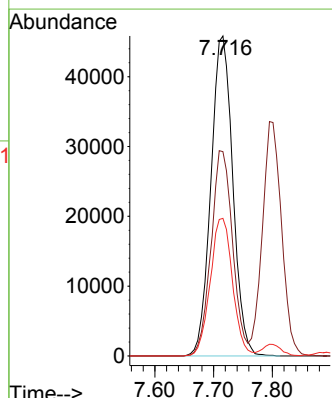
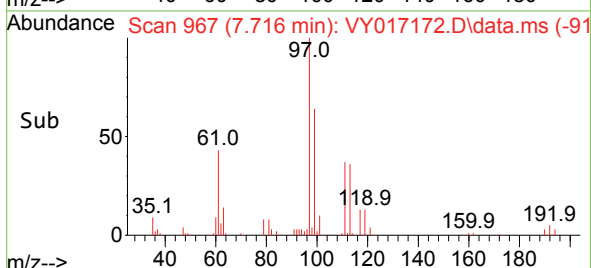
Tgt Ion: 56 Resp: 119603
Ion Ratio Lower Upper
56 100
69 33.8 27.0 40.6
84 90.7 71.8 107.6

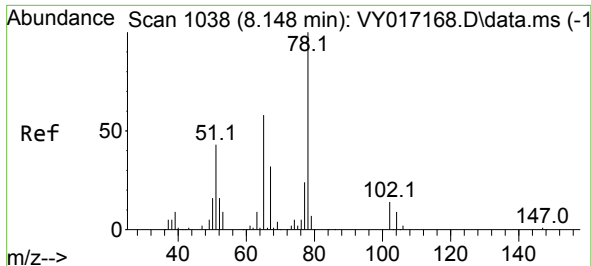


#32
1,1,1-Trichloroethane
Concen: 51.067 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY017172.D
Acq: 01 Feb 2024 17:16



Tgt Ion: 97 Resp: 118485
Ion Ratio Lower Upper
97 100
99 63.3 51.2 76.8
61 43.9 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 47.713 ug/l

RT: 8.155 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY017172.D

Acq: 01 Feb 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

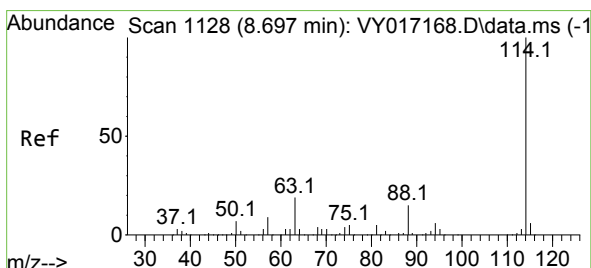
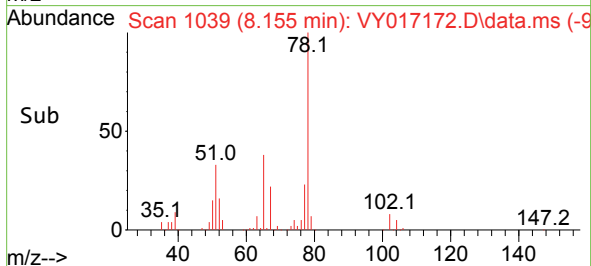
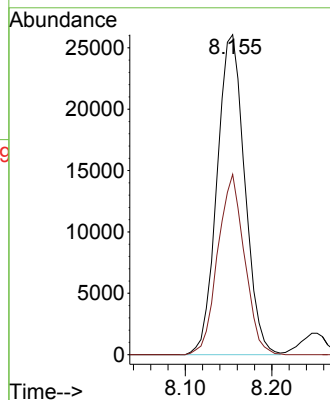
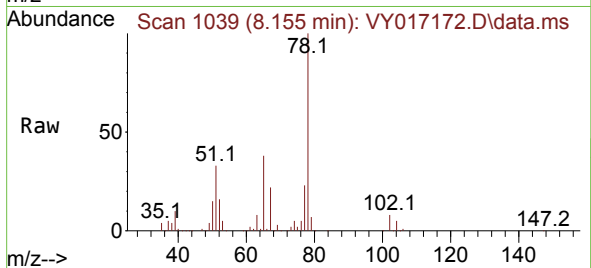
ICVVY020124

Tgt Ion: 65 Resp: 57977

Ion Ratio Lower Upper

65 100

67 54.3 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY017172.D

Acq: 01 Feb 2024 17:16

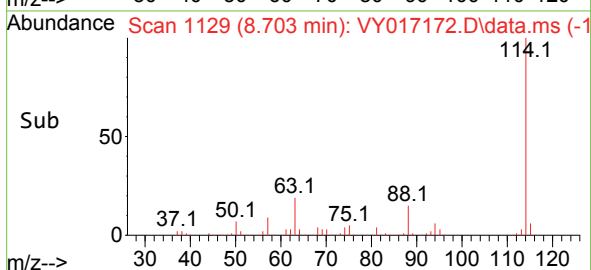
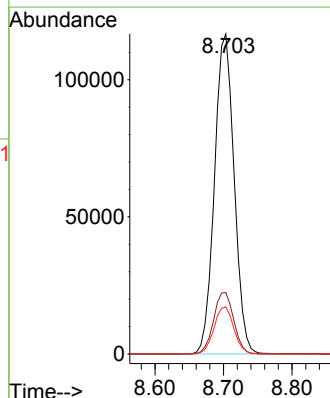
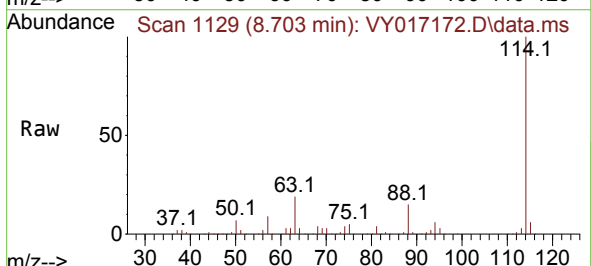
Tgt Ion: 114 Resp: 232140

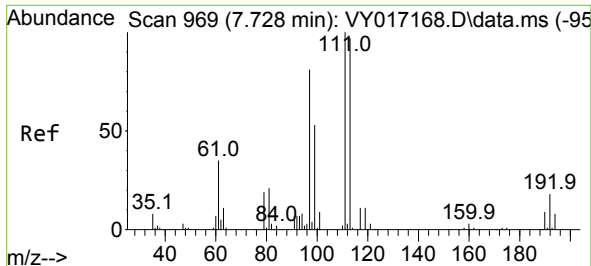
Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.4

88 14.7 0.0 29.0

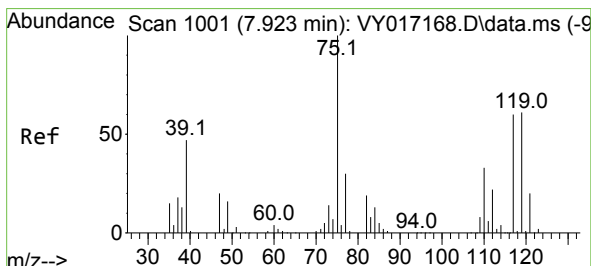
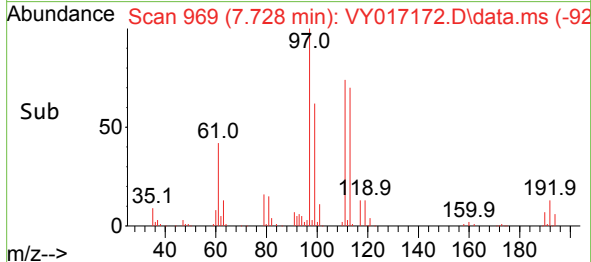
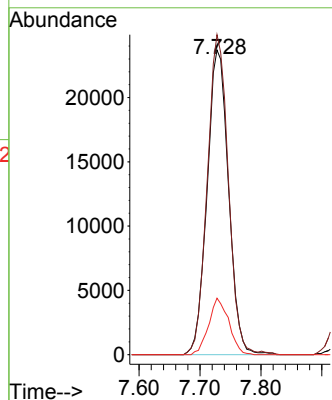
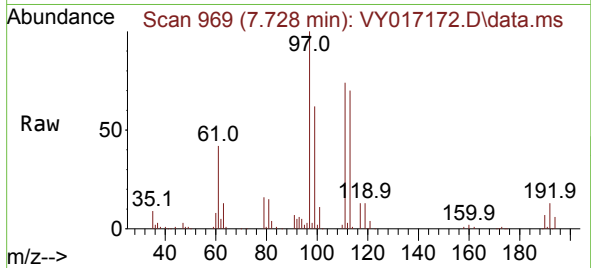




#35
 Dibromofluoromethane
 Concen: 46.239 ug/l
 RT: 7.728 min Scan# 969
 Delta R.T. 0.000 min
 Lab File: VY017172.D
 Acq: 01 Feb 2024 17:16

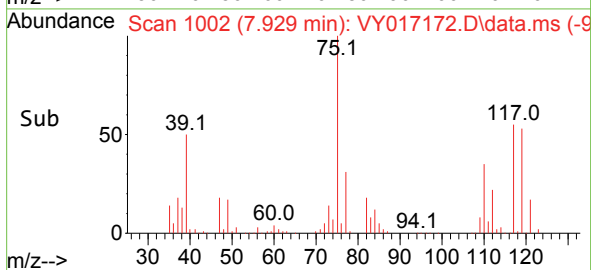
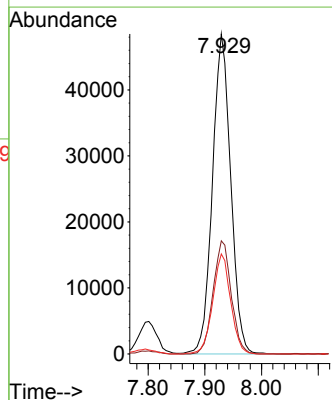
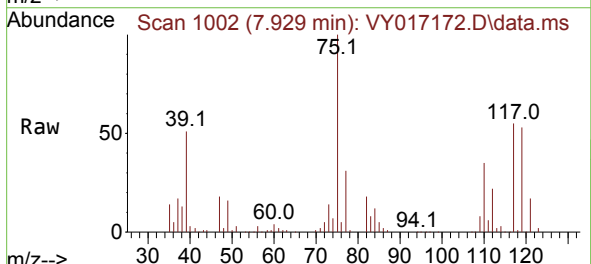
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY020124

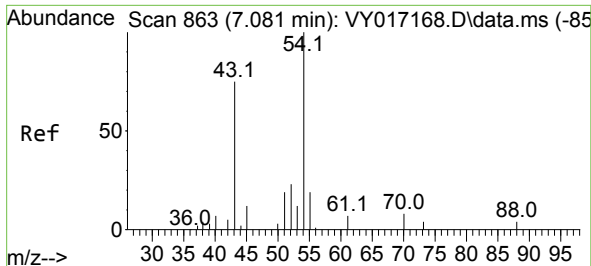
Tgt Ion:113 Resp: 57956
 Ion Ratio Lower Upper
 113 100
 111 103.3 83.8 125.6
 192 17.4 14.5 21.7



#36
 1,1-Dichloropropene
 Concen: 50.229 ug/l
 RT: 7.929 min Scan# 1002
 Delta R.T. 0.006 min
 Lab File: VY017172.D
 Acq: 01 Feb 2024 17:16

Tgt Ion: 75 Resp: 108597
 Ion Ratio Lower Upper
 75 100
 110 35.0 17.4 52.3
 77 30.5 24.7 37.1





#37

Ethyl Acetate

Concen: 50.050 ug/l

RT: 7.088 min Scan# 863

Delta R.T. 0.006 min

Lab File: VY017172.D

Acq: 01 Feb 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

ICVY020124

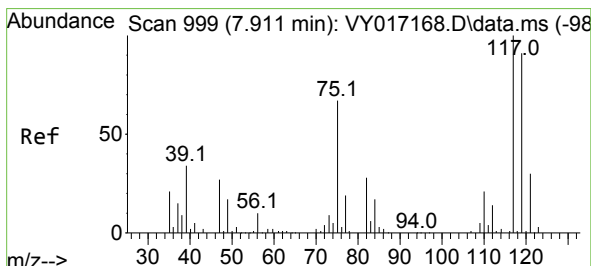
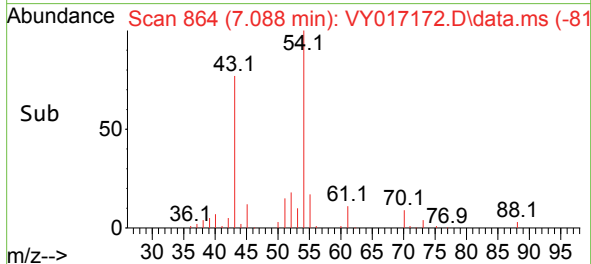
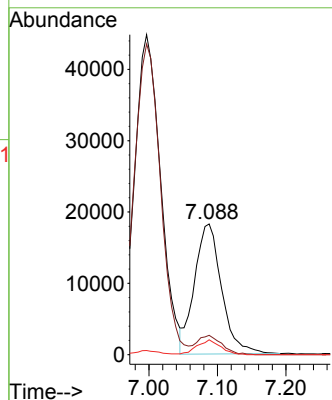
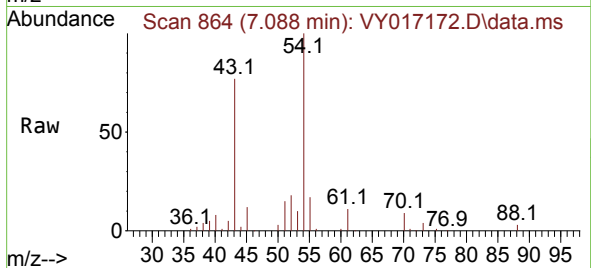
Tgt Ion: 43 Resp: 50189

Ion Ratio Lower Upper

43 100

61 13.8 11.0 16.6

70 10.0 8.1 12.1



#38

Carbon Tetrachloride

Concen: 50.679 ug/l

RT: 7.911 min Scan# 999

Delta R.T. 0.000 min

Lab File: VY017172.D

Acq: 01 Feb 2024 17:16

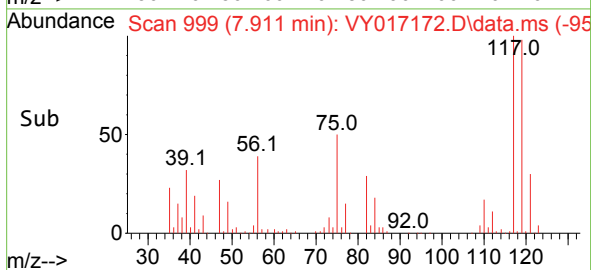
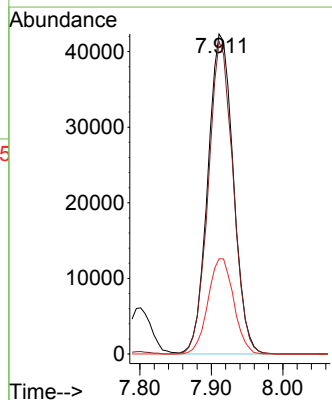
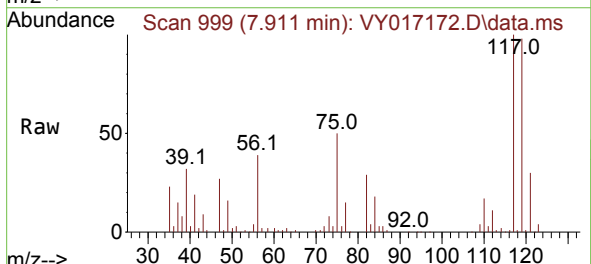
Tgt Ion: 117 Resp: 104909

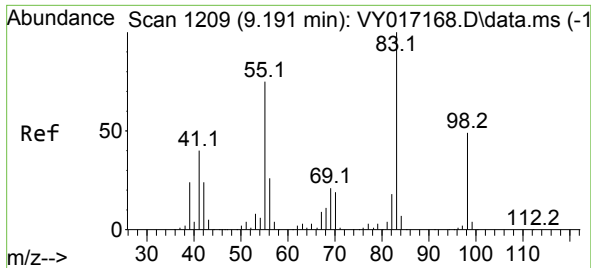
Ion Ratio Lower Upper

117 100

119 97.6 76.0 114.0

121 29.8 24.2 36.2

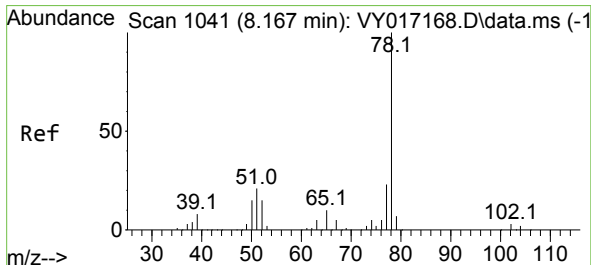
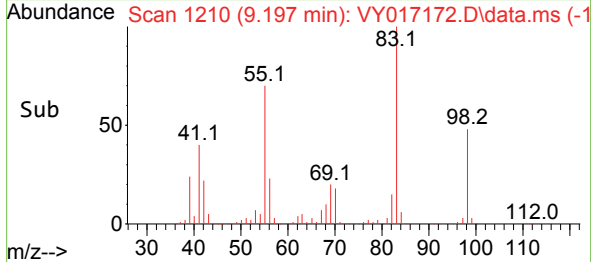
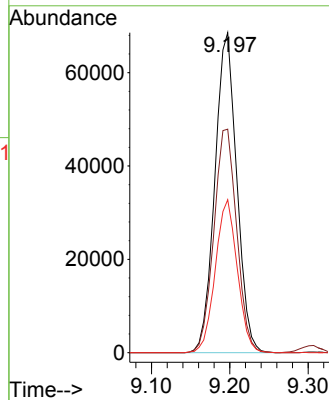
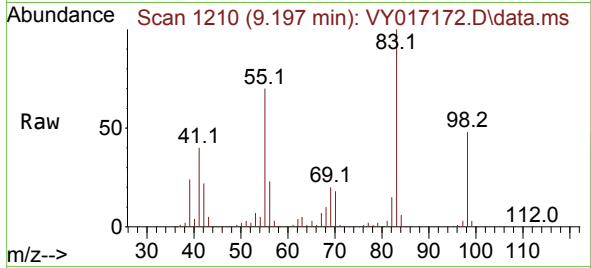




#39
Methylcyclohexane
Concen: 52.804 ug/l
RT: 9.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017172.D
Acq: 01 Feb 2024 17:16

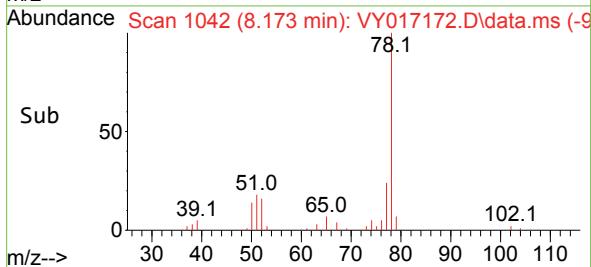
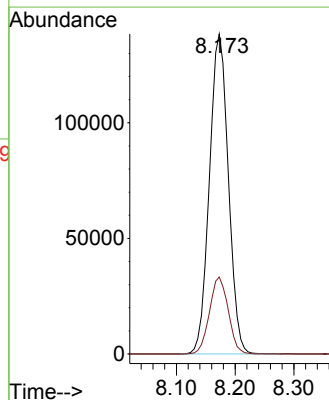
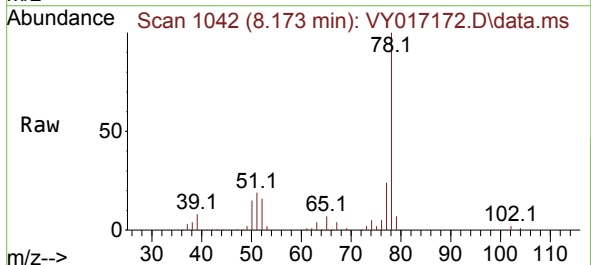
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020124

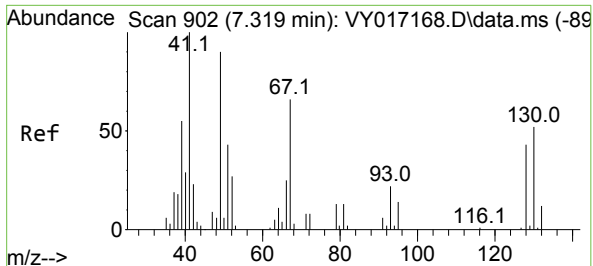
Tgt Ion: 83 Resp: 133375
Ion Ratio Lower Upper
83 100
55 69.8 59.7 89.5
98 47.8 38.0 57.0



#40
Benzene
Concen: 50.210 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY017172.D
Acq: 01 Feb 2024 17:16

Tgt Ion: 78 Resp: 310007
Ion Ratio Lower Upper
78 100
77 24.0 18.8 28.2

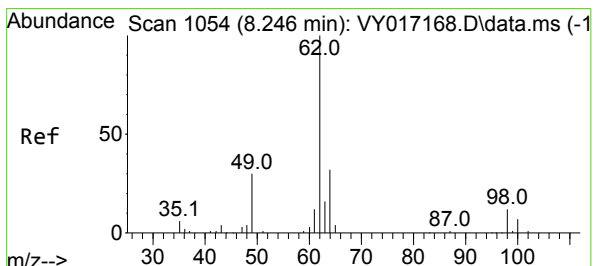
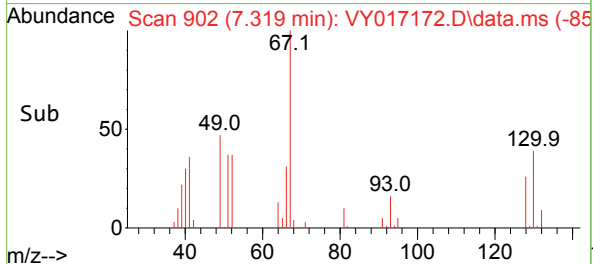
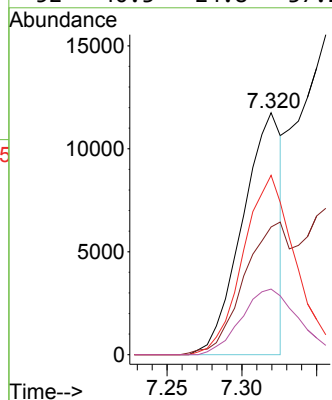
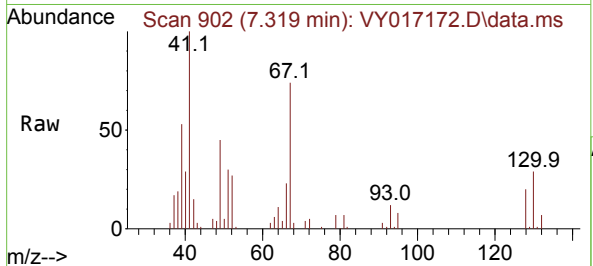




#41
Methacrylonitrile
Concen: 45.048 ug/l
RT: 7.319 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY017172.D
Acq: 01 Feb 2024 17:16

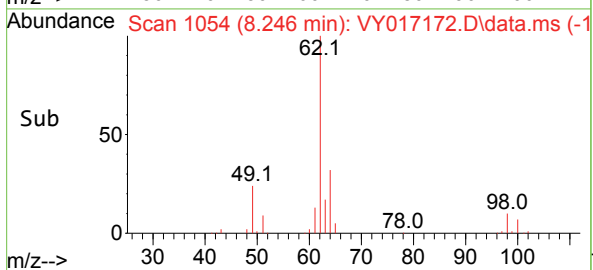
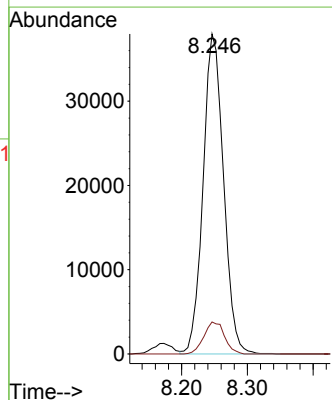
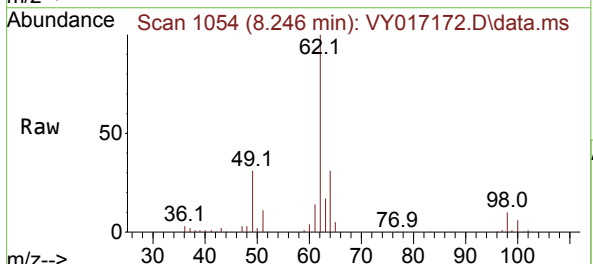
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020124

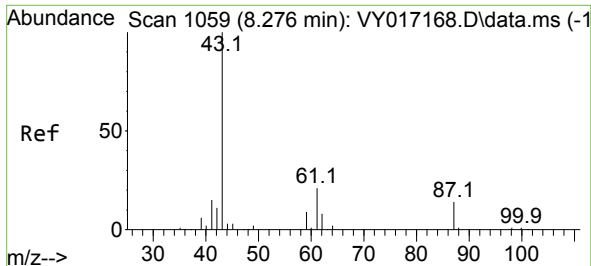
Tgt Ion: 41 Resp: 21403
Ion Ratio Lower Upper
41 100
39 63.0 41.9 62.9#
67 100.1 59.8 89.6#
52 40.3 24.8 37.2#



#42
1,2-Dichloroethane
Concen: 50.291 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY017172.D
Acq: 01 Feb 2024 17:16

Tgt Ion: 62 Resp: 82212
Ion Ratio Lower Upper
62 100
98 10.1 0.0 20.2

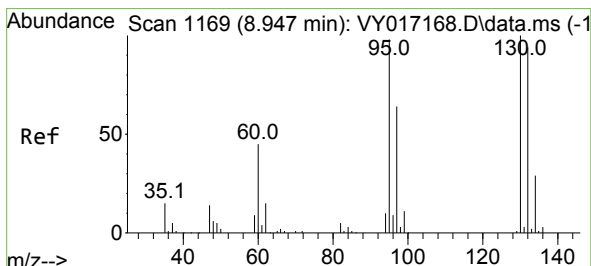
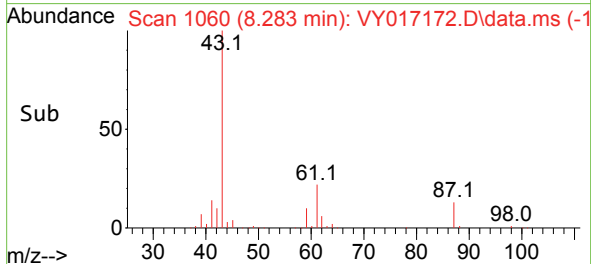
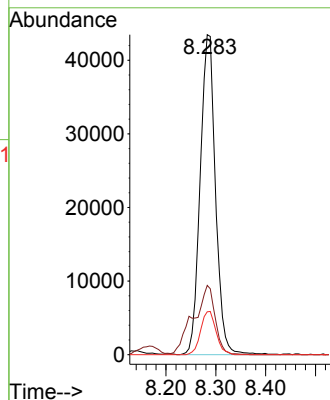
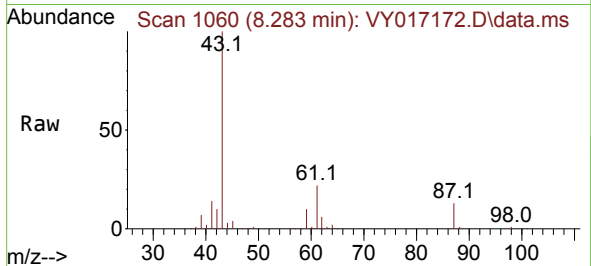




#43
Isopropyl Acetate
Concen: 52.319 ug/l
RT: 8.283 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VY017172.D
Acq: 01 Feb 2024 17:16

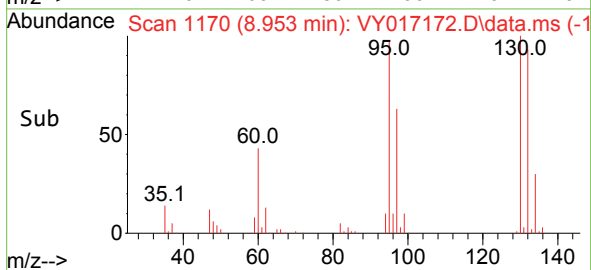
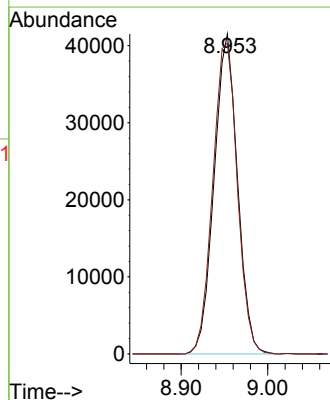
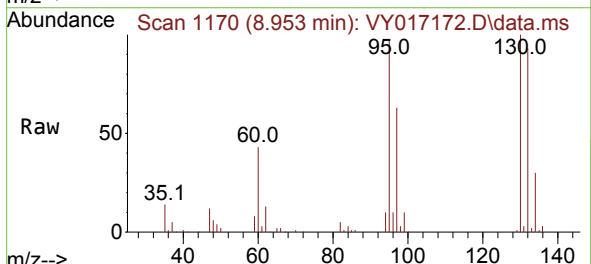
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020124

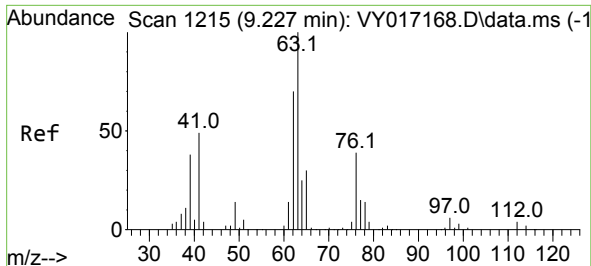
Tgt Ion: 43 Resp: 92872
Ion Ratio Lower Upper
43 100
61 30.6 24.8 37.2
87 13.6 10.7 16.1



#44
Trichloroethene
Concen: 49.642 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY017172.D
Acq: 01 Feb 2024 17:16

Tgt Ion:130 Resp: 77802
Ion Ratio Lower Upper
130 100
95 97.1 0.0 203.8

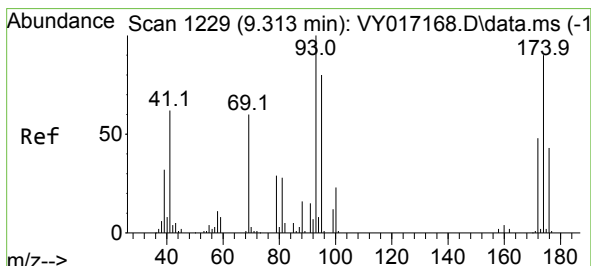
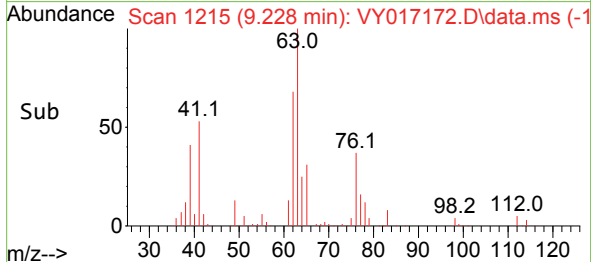
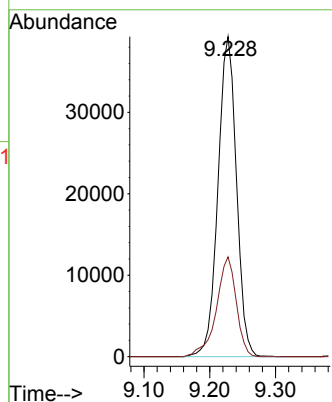
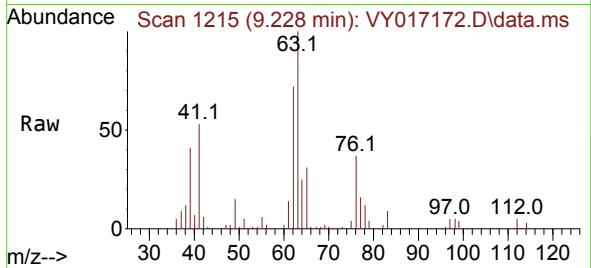




#45
1,2-Dichloropropane
Concen: 50.658 ug/l
RT: 9.228 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VY017172.D
Acq: 01 Feb 2024 17:16

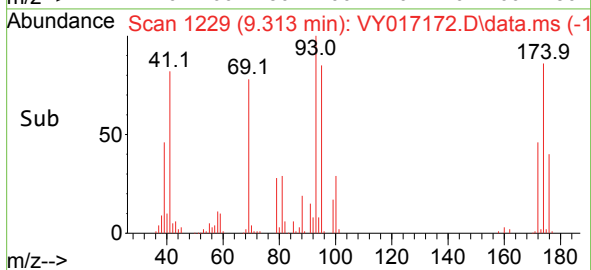
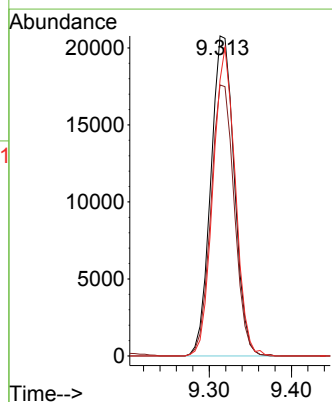
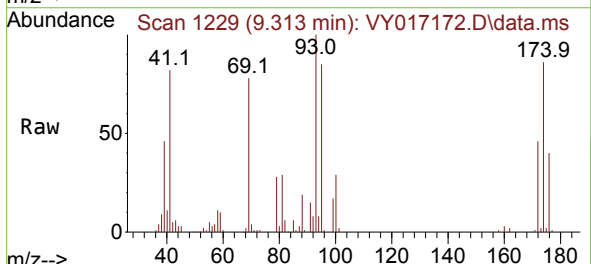
Instrument :
MSVOA_Y
ClientSampleId :
ICVY020124

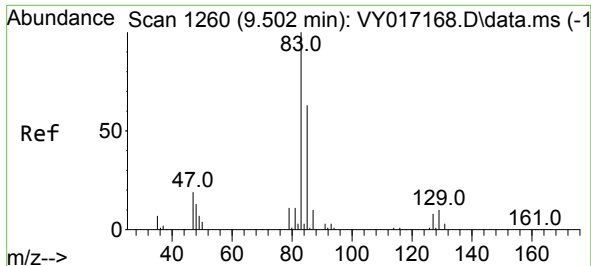
Tgt Ion: 63 Resp: 76826
Ion Ratio Lower Upper
63 100
65 31.2 24.6 36.8



#46
Dibromomethane
Concen: 50.389 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VY017172.D
Acq: 01 Feb 2024 17:16

Tgt Ion: 93 Resp: 41279
Ion Ratio Lower Upper
93 100
95 84.2 66.6 99.8
174 91.0 73.8 110.6

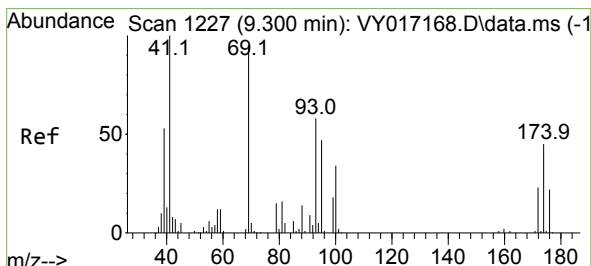
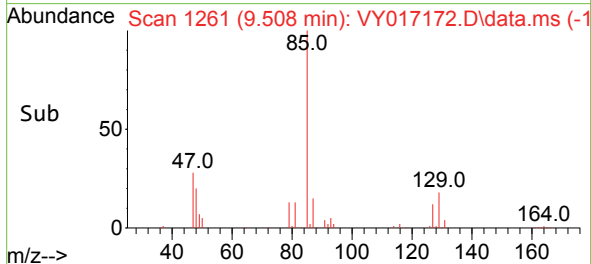
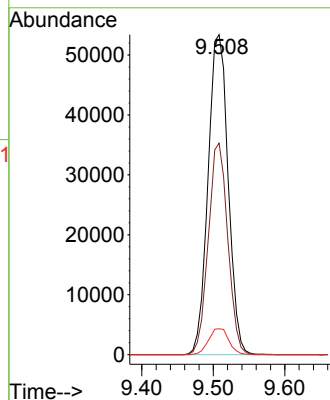
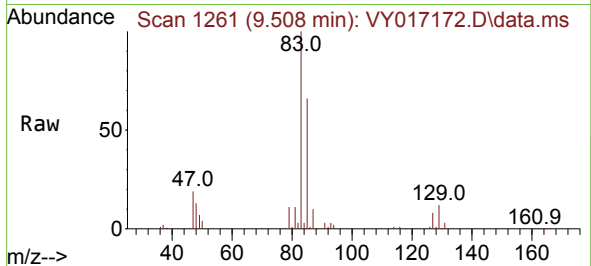




#47
Bromodichloromethane
Concen: 50.889 ug/l
RT: 9.508 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY017172.D
Acq: 01 Feb 2024 17:16

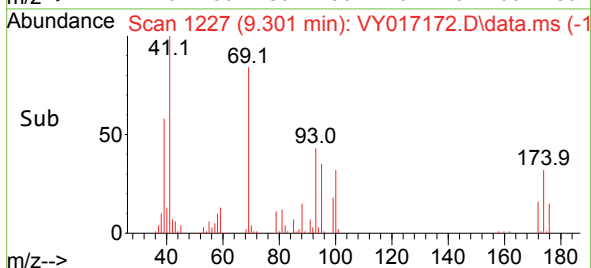
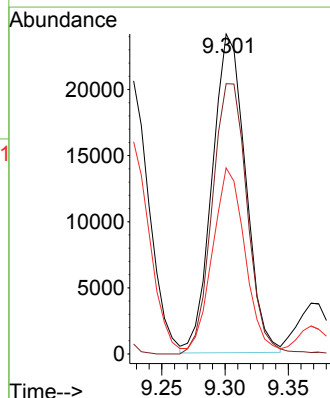
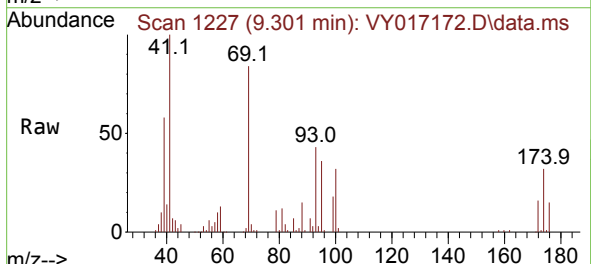
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020124

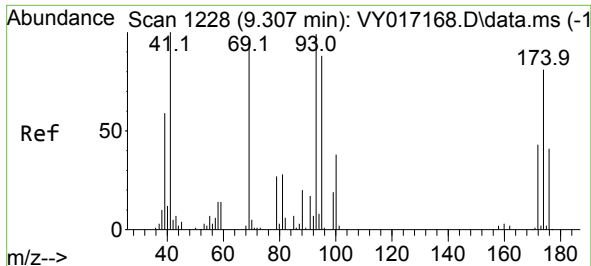
Tgt Ion: 83 Resp: 104330
Ion Ratio Lower Upper
83 100
85 66.1 53.2 79.8
127 8.1 6.4 9.6



#48
Methyl methacrylate
Concen: 53.164 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY017172.D
Acq: 01 Feb 2024 17:16

Tgt Ion: 41 Resp: 44266
Ion Ratio Lower Upper
41 100
69 88.8 72.1 108.1
39 54.3 42.8 64.2





#49

1,4-Dioxane

Concen: 1084.718 ug/l

RT: 9.307 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017172.D

Acq: 01 Feb 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY020124

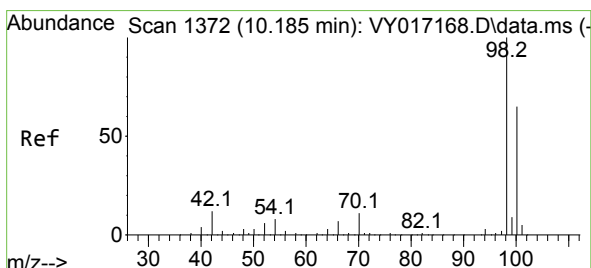
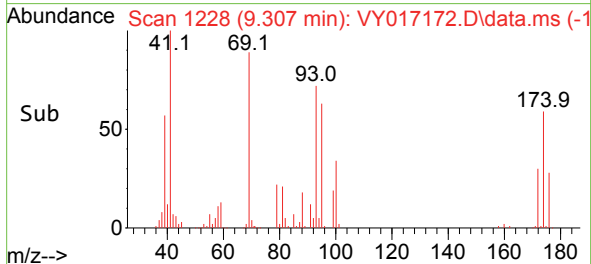
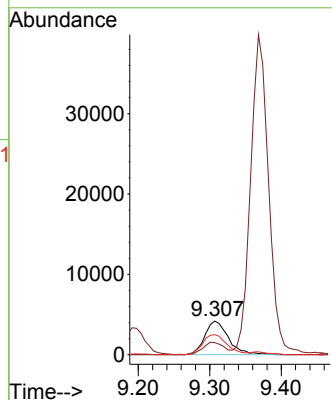
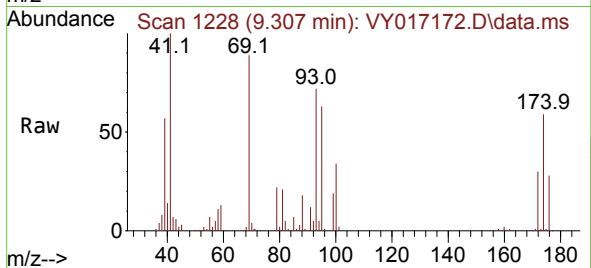
Tgt Ion: 88 Resp: 9672

Ion Ratio Lower Upper

88 100

43 34.3 28.2 42.4

58 61.6 52.2 78.2



#50

Toluene-d8

Concen: 47.717 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY017172.D

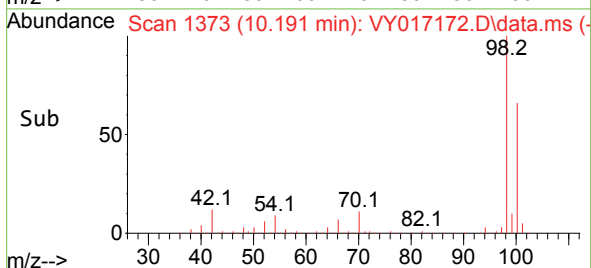
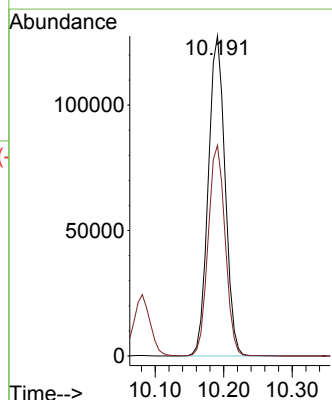
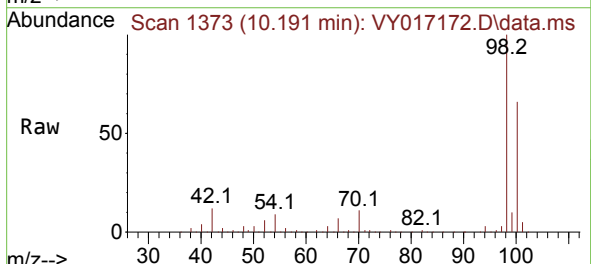
Acq: 01 Feb 2024 17:16

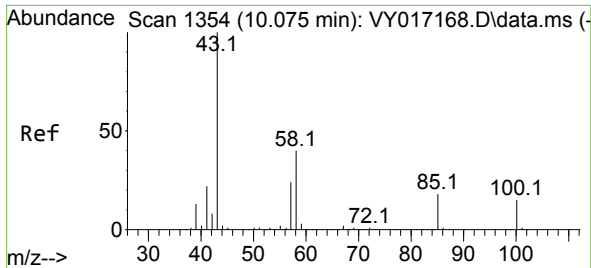
Tgt Ion: 98 Resp: 217758

Ion Ratio Lower Upper

98 100

100 66.6 52.3 78.5

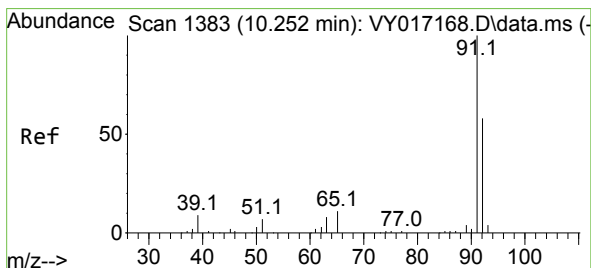
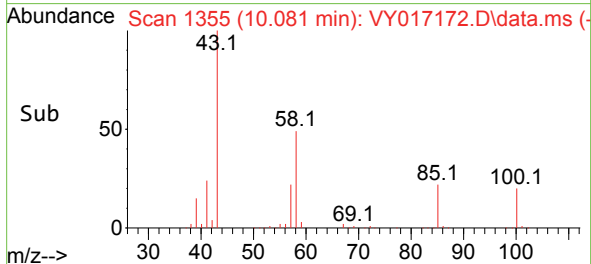
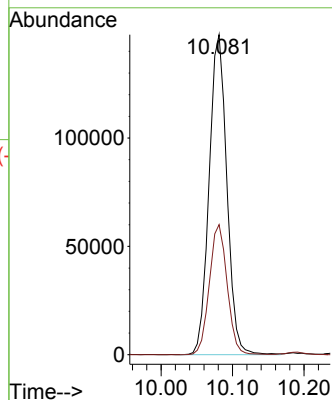
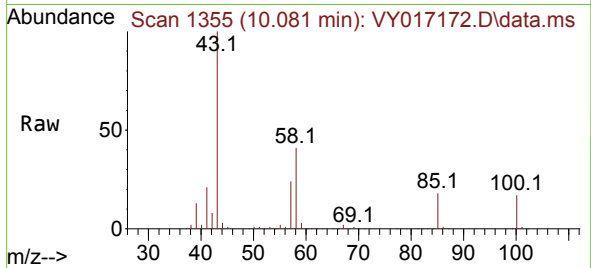




#51
4-Methyl-2-Pentanone
Concen: 267.604 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY017172.D
Acq: 01 Feb 2024 17:16

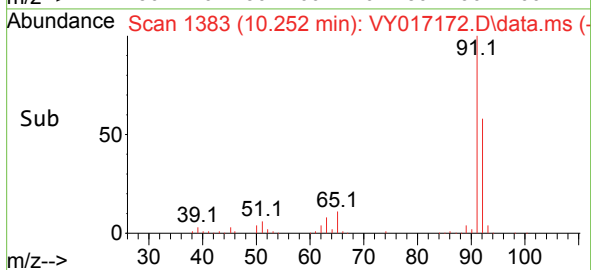
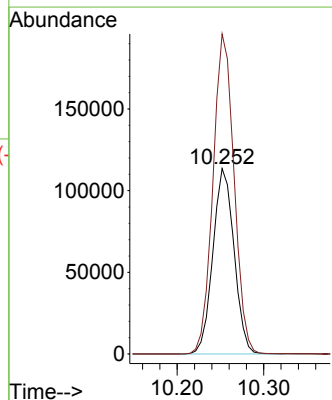
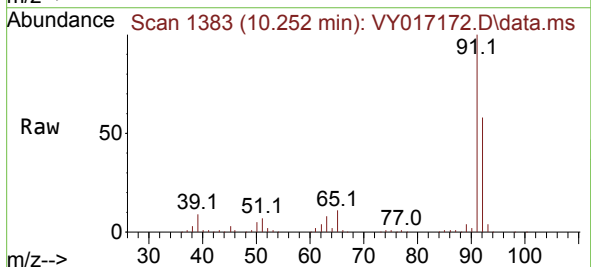
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020124

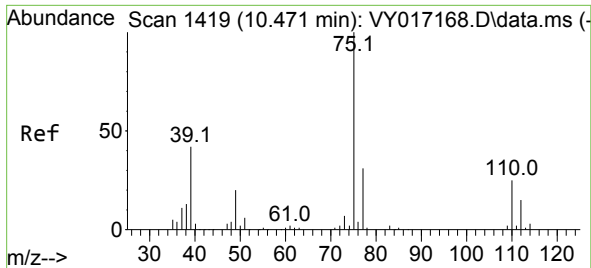
Tgt Ion: 43 Resp: 254639
Ion Ratio Lower Upper
43 100
58 40.8 32.2 48.2



#52
Toluene
Concen: 51.707 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VY017172.D
Acq: 01 Feb 2024 17:16

Tgt Ion: 92 Resp: 192702
Ion Ratio Lower Upper
92 100
91 172.2 137.6 206.4

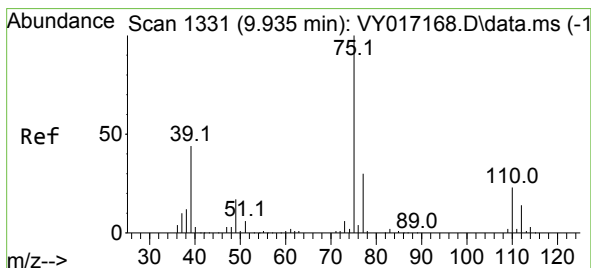
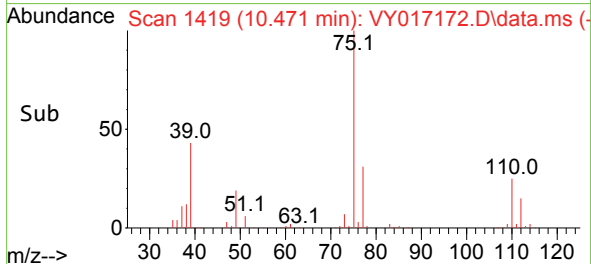
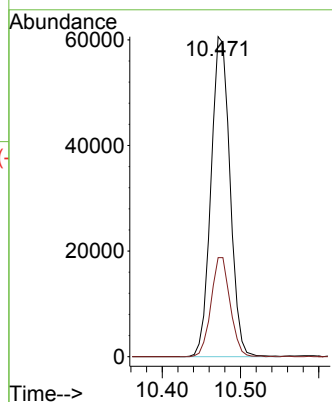
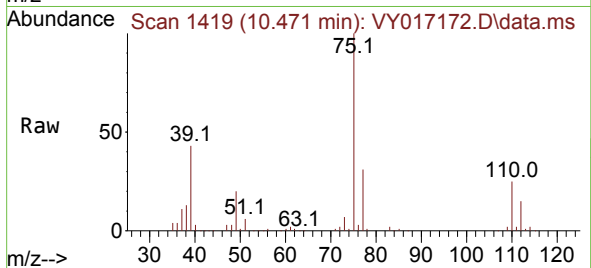




#53
 t-1,3-Dichloropropene
 Concen: 52.963 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY017172.D
 Acq: 01 Feb 2024 17:16

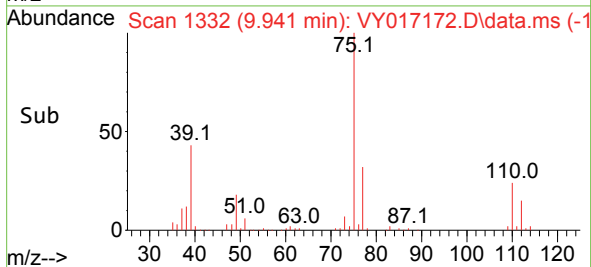
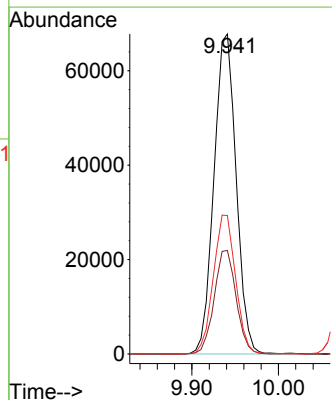
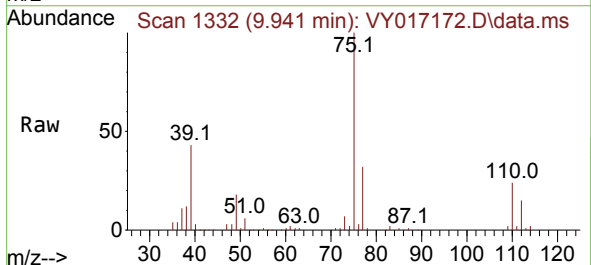
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY020124

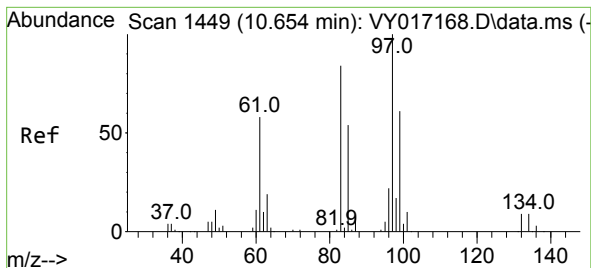
Tgt Ion: 75 Resp: 101992
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 52.303 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. 0.006 min
 Lab File: VY017172.D
 Acq: 01 Feb 2024 17:16

Tgt Ion: 75 Resp: 120641
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.6 36.8
 39 43.3 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 50.952 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. 0.000 min

Lab File: VY017172.D

Acq: 01 Feb 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY020124

Tgt Ion: 97 Resp: 56790

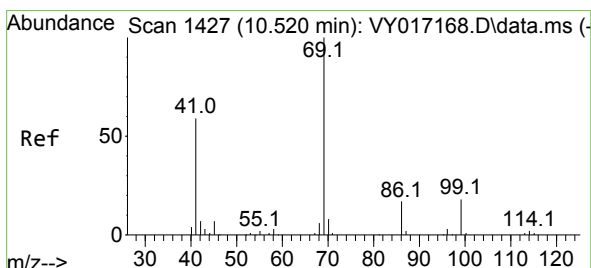
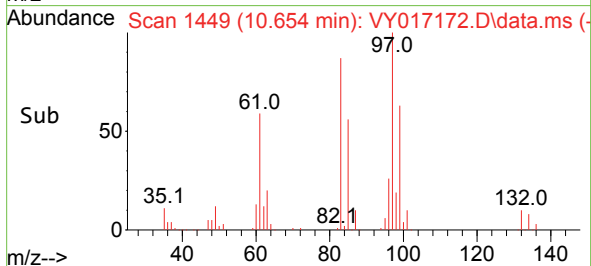
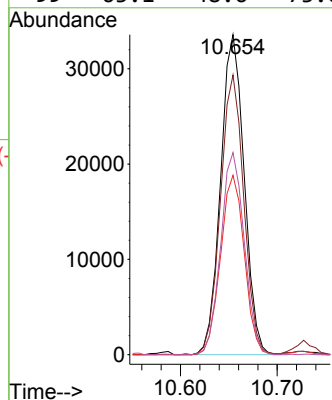
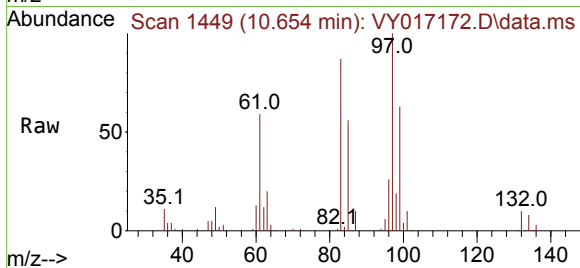
Ion Ratio Lower Upper

97 100

83 87.4 69.4 104.2

85 56.1 43.9 65.9

99 63.1 48.6 73.0



#56

Ethyl methacrylate

Concen: 50.805 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VY017172.D

Acq: 01 Feb 2024 17:16

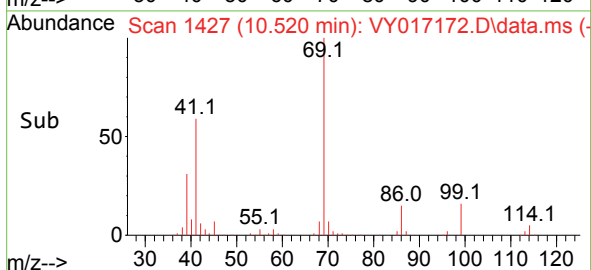
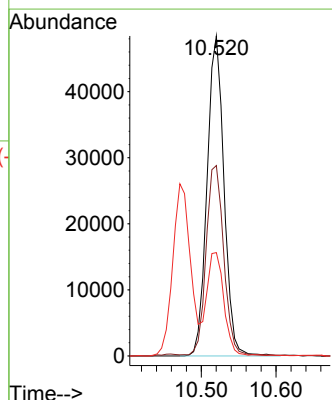
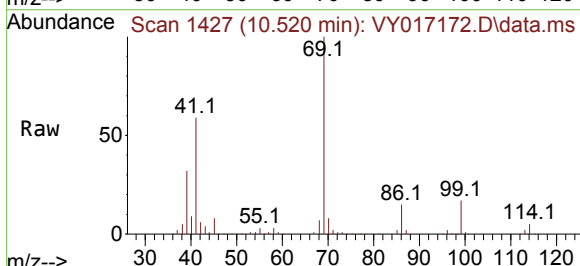
Tgt Ion: 69 Resp: 76264

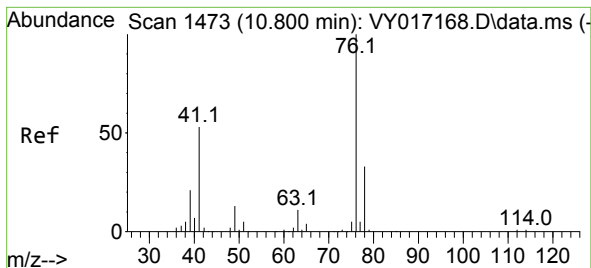
Ion Ratio Lower Upper

69 100

41 61.5 49.2 73.8

39 33.5 26.8 40.2





#57

1,3-Dichloropropane

Concen: 51.262 ug/l

RT: 10.801 min Scan# 1473

Delta R.T. 0.000 min

Lab File: VY017172.D

Acq: 01 Feb 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

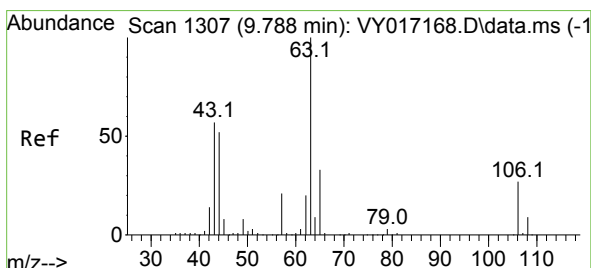
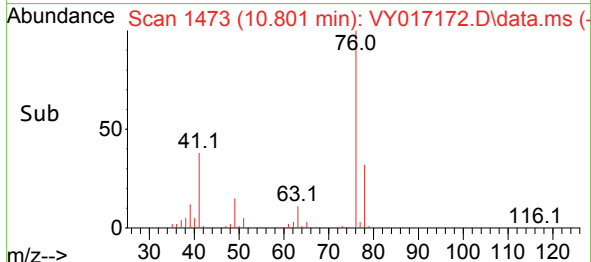
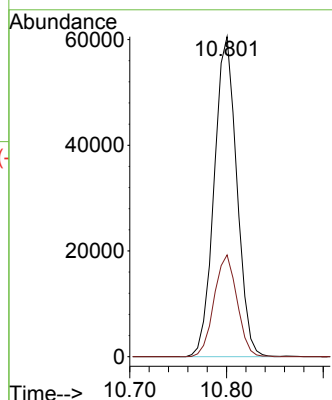
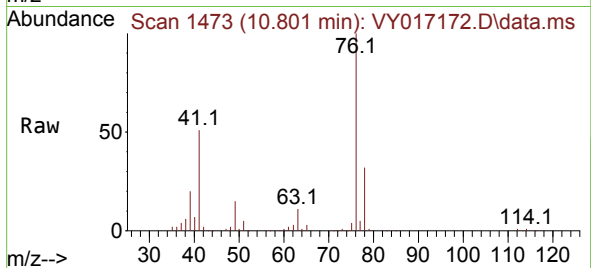
ICVVY020124

Tgt Ion: 76 Resp: 98271

Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 288.448 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. 0.006 min

Lab File: VY017172.D

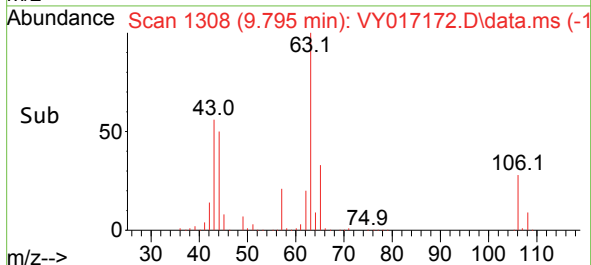
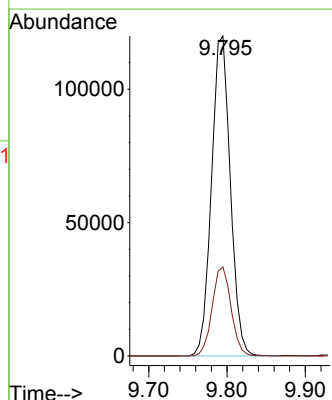
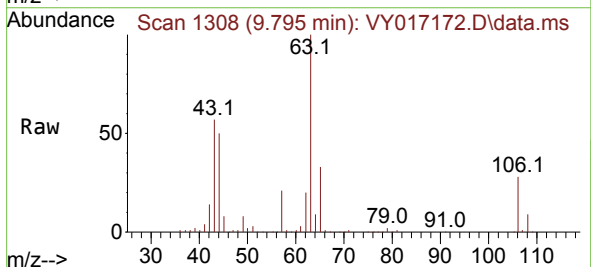
Acq: 01 Feb 2024 17:16

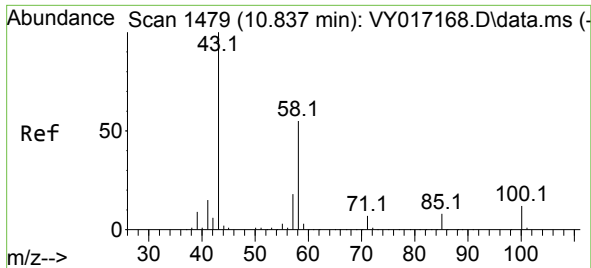
Tgt Ion: 63 Resp: 200288

Ion Ratio Lower Upper

63 100

106 27.8 22.4 33.6

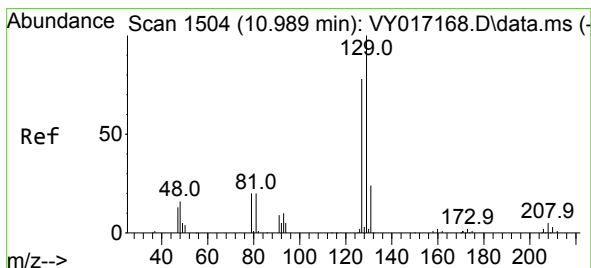
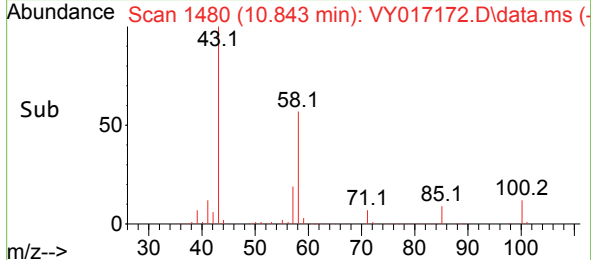
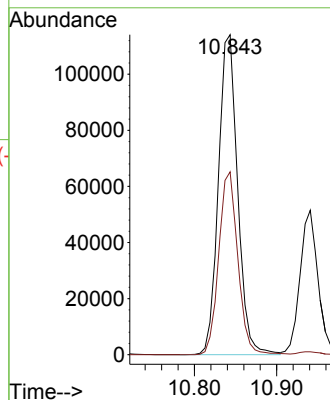
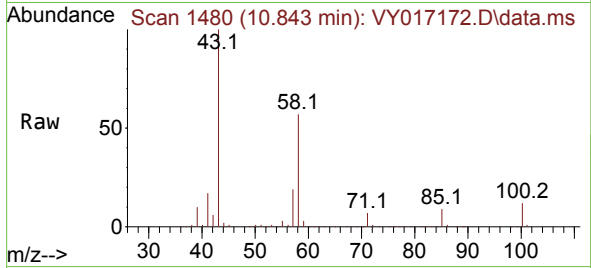




#59
2-Hexanone
Concen: 269.631 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY017172.D
Acq: 01 Feb 2024 17:16

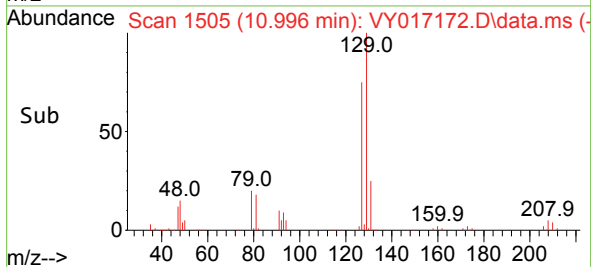
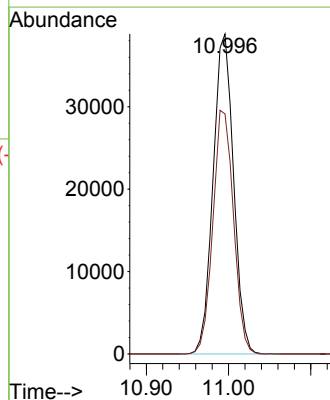
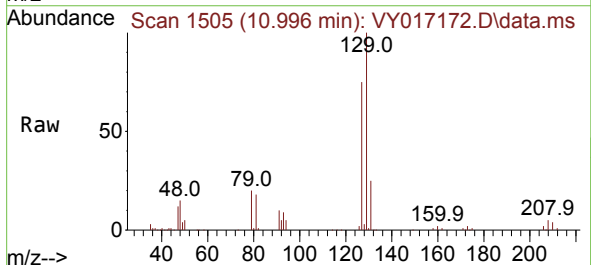
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020124

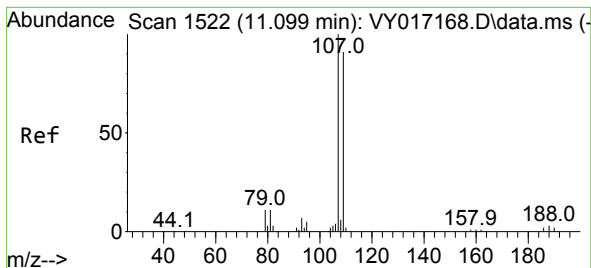
Tgt Ion: 43 Resp: 185526
Ion Ratio Lower Upper
43 100
58 56.7 28.1 84.3



#60
Dibromochloromethane
Concen: 51.253 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.006 min
Lab File: VY017172.D
Acq: 01 Feb 2024 17:16

Tgt Ion:129 Resp: 67016
Ion Ratio Lower Upper
129 100
127 76.6 39.2 117.6





#61

1,2-Dibromoethane

Concen: 51.541 ug/l

RT: 11.099 min Scan# 1522

Delta R.T. 0.000 min

Lab File: VY017172.D

Acq: 01 Feb 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

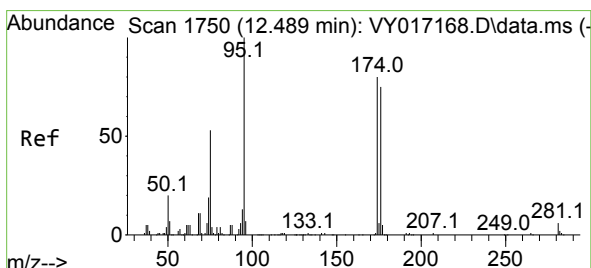
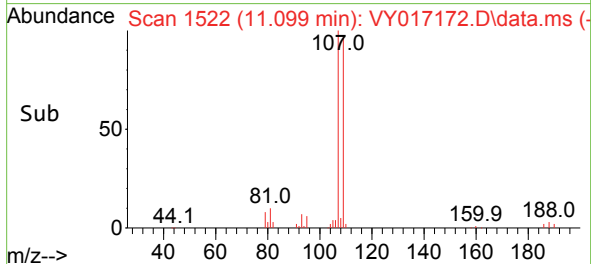
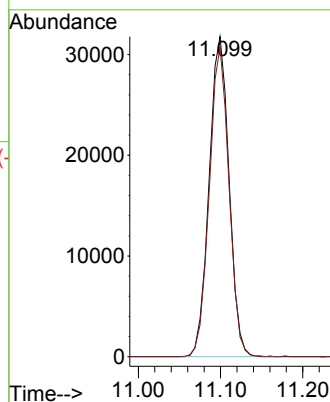
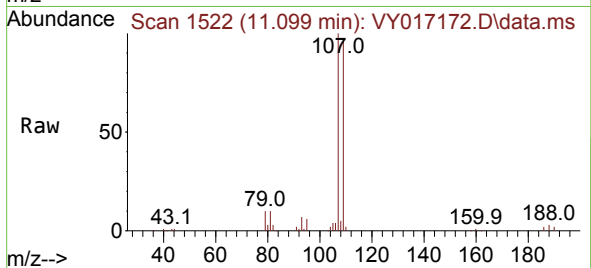
ICVVY020124

Tgt Ion:107 Resp: 53427

Ion Ratio Lower Upper

107 100

109 95.1 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 48.064 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY017172.D

Acq: 01 Feb 2024 17:16

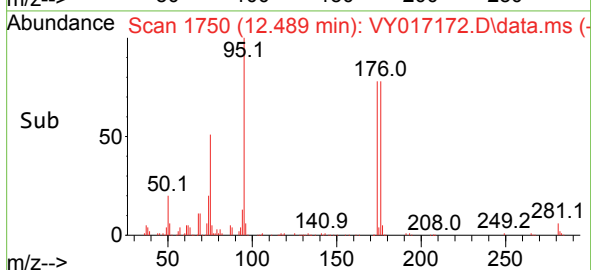
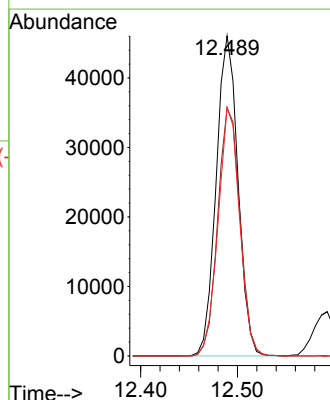
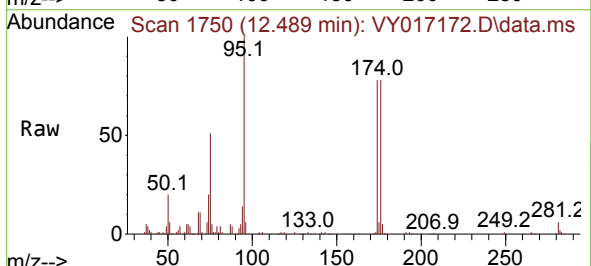
Tgt Ion: 95 Resp: 71853

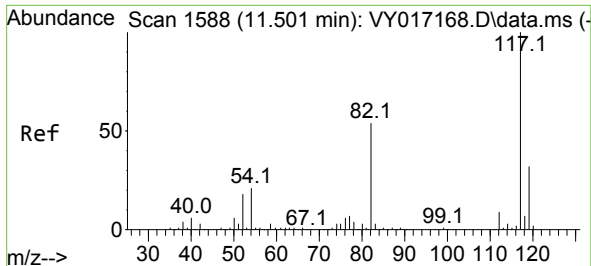
Ion Ratio Lower Upper

95 100

174 79.2 0.0 160.0

176 76.7 0.0 151.8

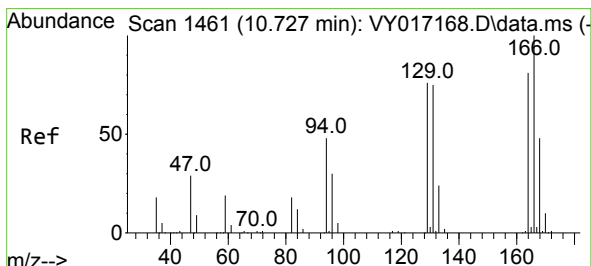
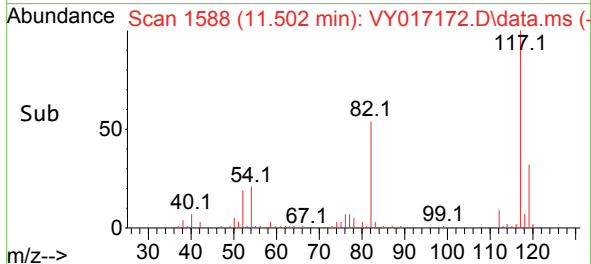
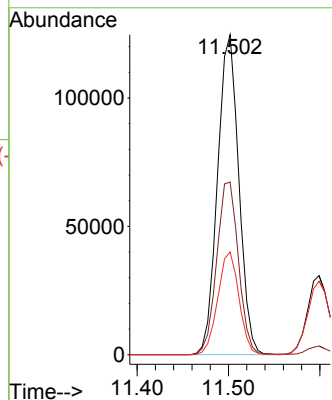
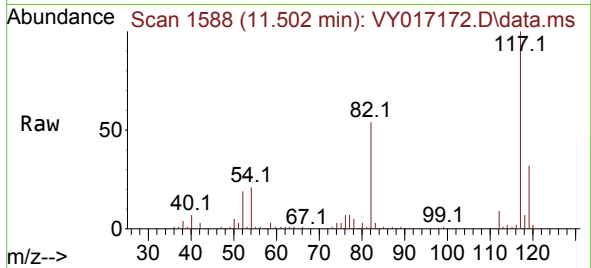




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017172.D
Acq: 01 Feb 2024 17:16

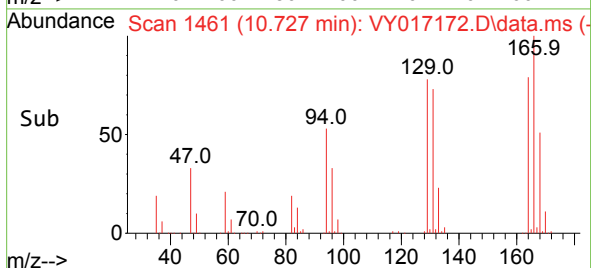
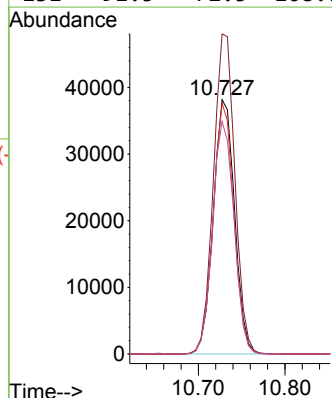
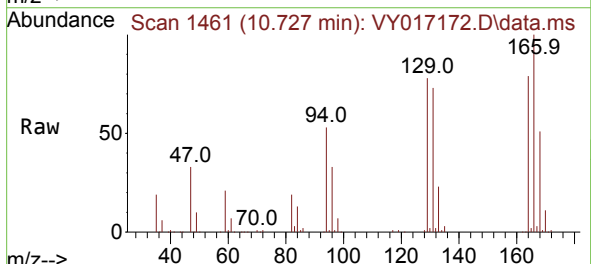
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020124

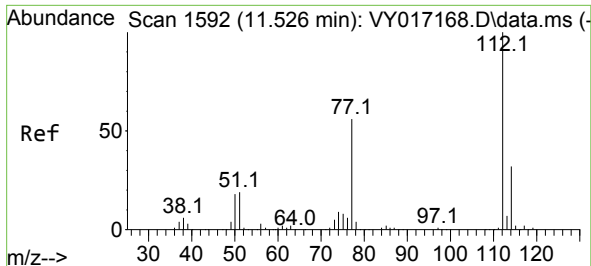
Tgt Ion:117 Resp: 201956
Ion Ratio Lower Upper
117 100
82 53.9 43.8 65.8
119 32.1 26.5 39.7



#64
Tetrachloroethene
Concen: 49.719 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VY017172.D
Acq: 01 Feb 2024 17:16

Tgt Ion:164 Resp: 65212
Ion Ratio Lower Upper
164 100
166 125.9 98.8 148.2
129 98.5 78.9 118.3
131 91.5 72.5 108.7

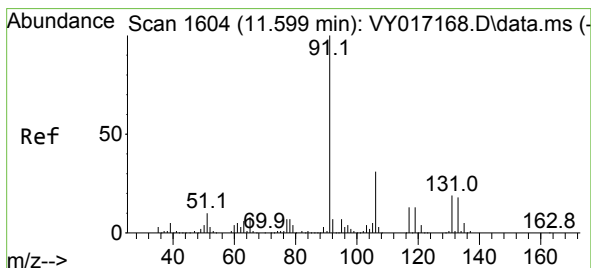
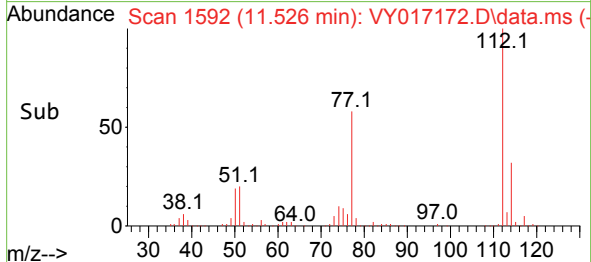
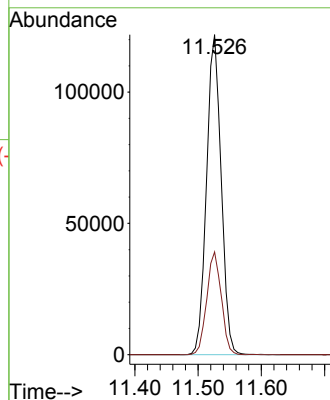
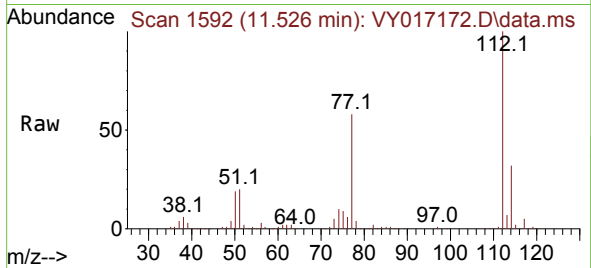




#65
Chlorobenzene
Concen: 50.366 ug/l
RT: 11.526 min Scan# 11592
Delta R.T. 0.000 min
Lab File: VY017172.D
Acq: 01 Feb 2024 17:16

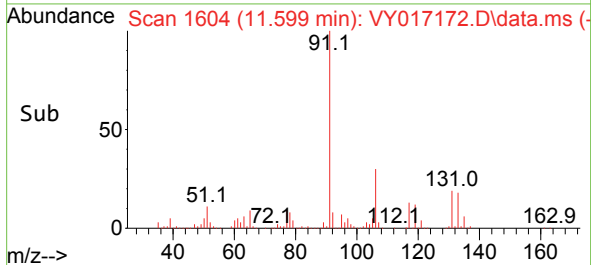
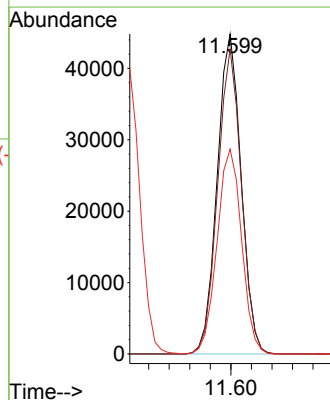
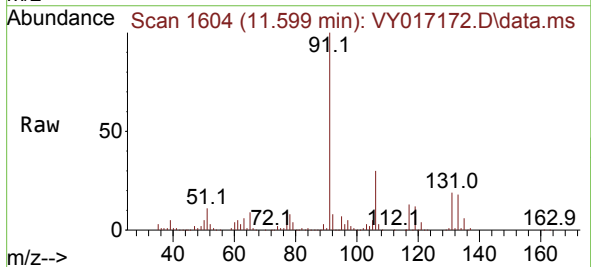
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020124

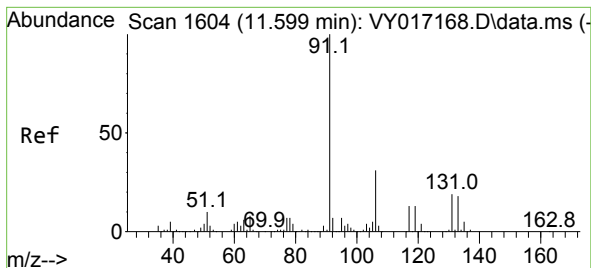
Tgt Ion:112 Resp: 196218
Ion Ratio Lower Upper
112 100
114 32.1 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 51.051 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017172.D
Acq: 01 Feb 2024 17:16

Tgt Ion:131 Resp: 72279
Ion Ratio Lower Upper
131 100
133 94.4 47.0 141.0
119 65.8 33.3 99.9





#67

Ethyl Benzene

Concen: 52.191 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY017172.D

Acq: 01 Feb 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

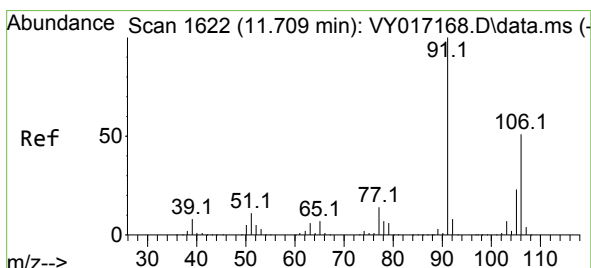
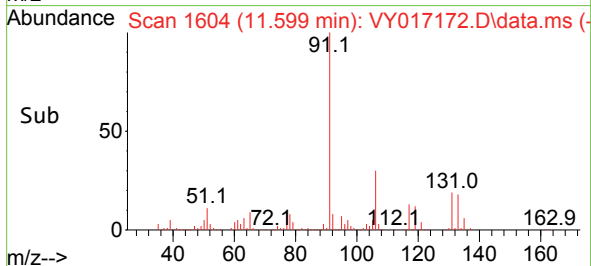
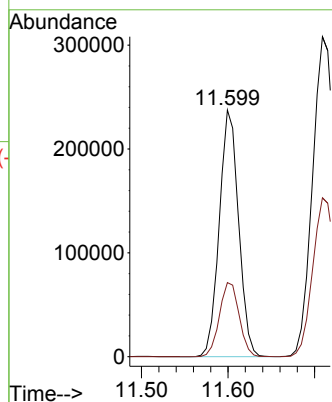
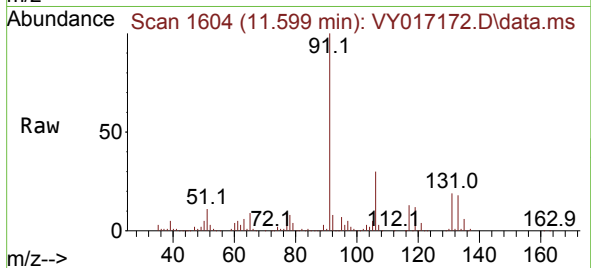
ICVVY020124

Tgt Ion: 91 Resp: 367476

Ion Ratio Lower Upper

91 100

106 30.0 25.0 37.4



#68

m/p-Xylenes

Concen: 104.933 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY017172.D

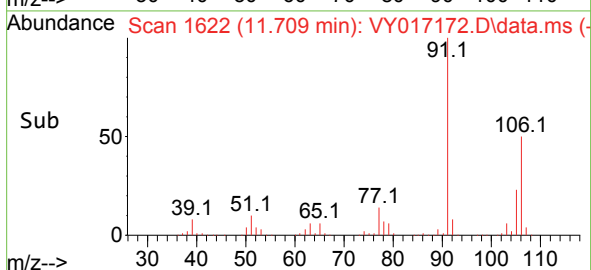
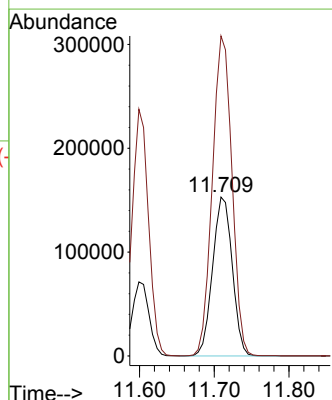
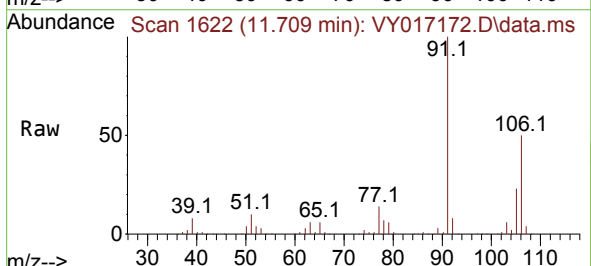
Acq: 01 Feb 2024 17:16

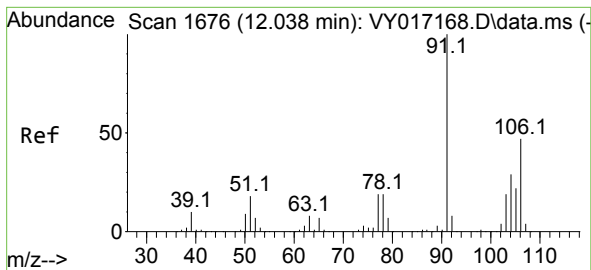
Tgt Ion:106 Resp: 280383

Ion Ratio Lower Upper

106 100

91 200.6 160.7 241.1





#69

o-Xylene

Concen: 53.446 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VY017172.D

Acq: 01 Feb 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

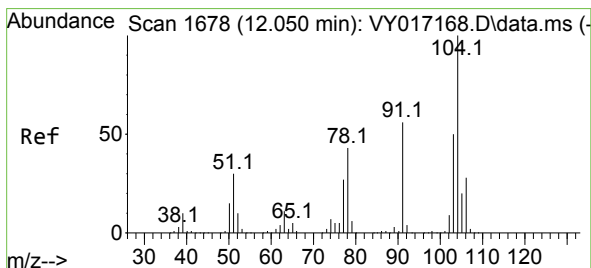
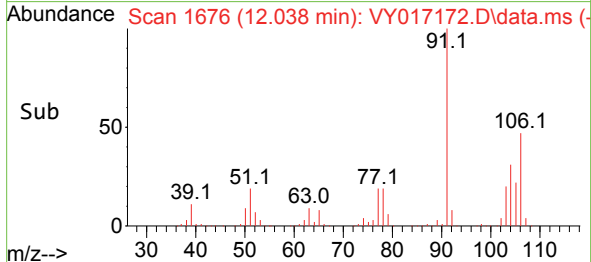
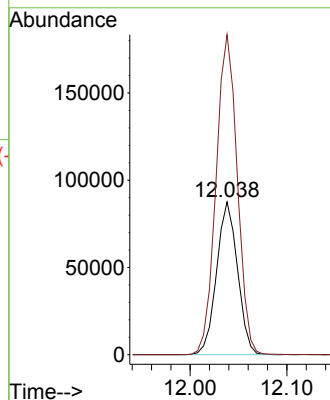
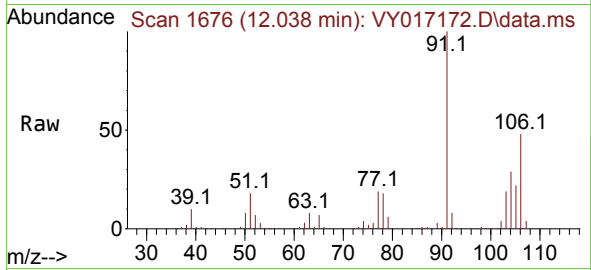
ICVVY020124

Tgt Ion:106 Resp: 131511

Ion Ratio Lower Upper

106 100

91 212.8 106.5 319.5



#70

Styrene

Concen: 54.099 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY017172.D

Acq: 01 Feb 2024 17:16

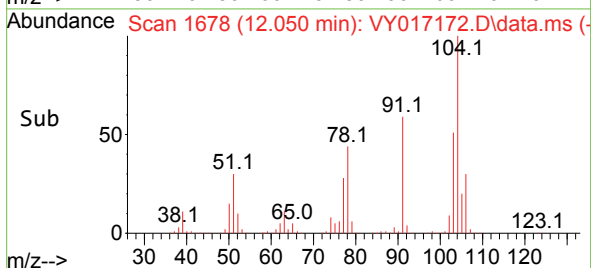
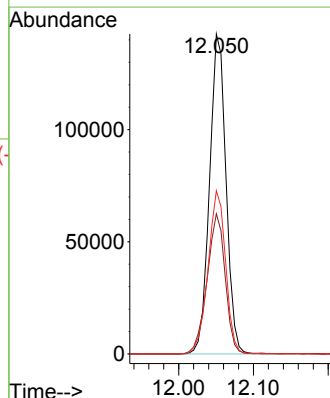
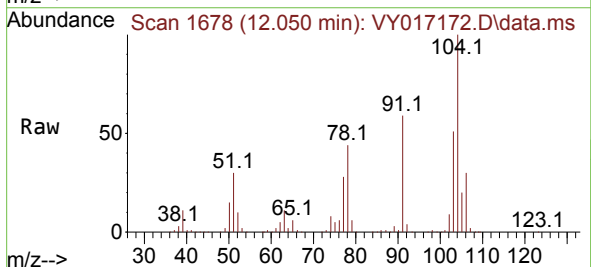
Tgt Ion:104 Resp: 219335

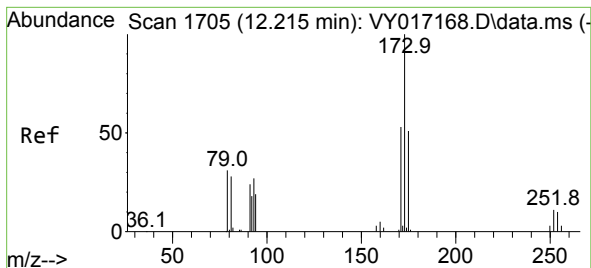
Ion Ratio Lower Upper

104 100

78 48.0 39.2 58.8

103 54.5 43.8 65.6





#71

Bromoform

Concen: 51.990 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. 0.000 min

Lab File: VY017172.D

Acq: 01 Feb 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY020124

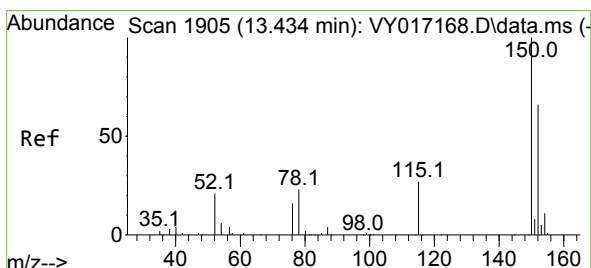
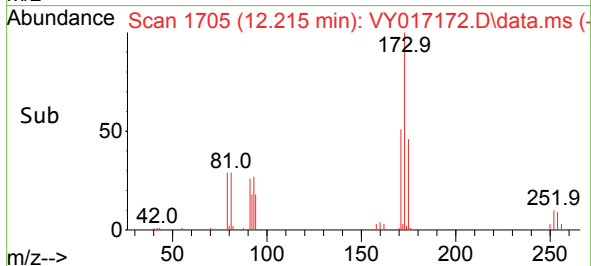
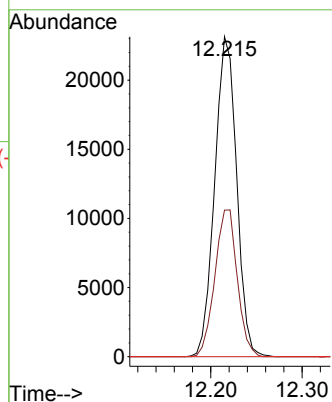
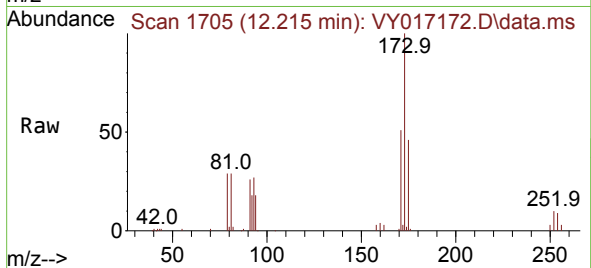
Tgt Ion:173 Resp: 38549

Ion Ratio Lower Upper

173 100

175 47.0 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017172.D

Acq: 01 Feb 2024 17:16

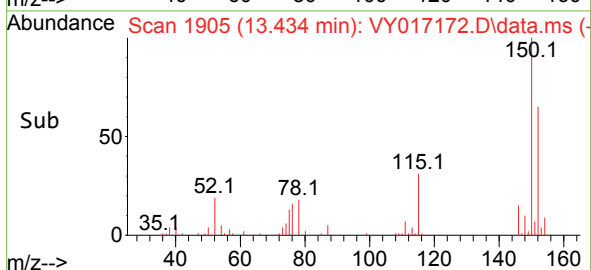
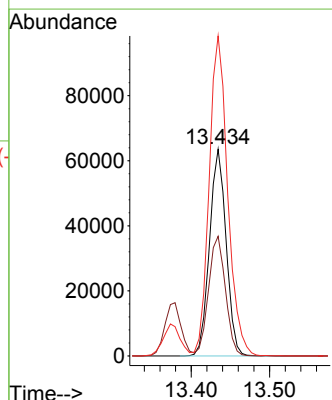
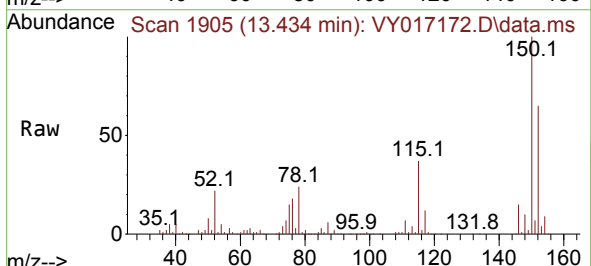
Tgt Ion:152 Resp: 93548

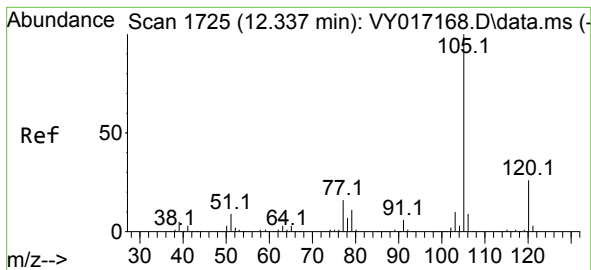
Ion Ratio Lower Upper

152 100

115 58.9 30.0 90.0

150 172.7 0.0 344.6





#73

Isopropylbenzene

Concen: 50.679 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017172.D

Acq: 01 Feb 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

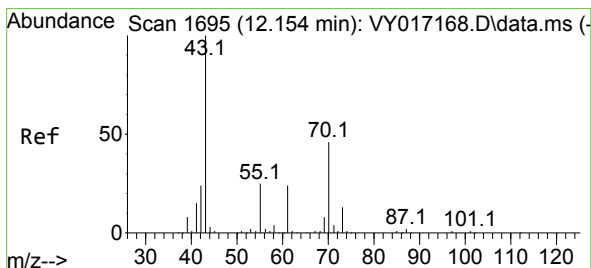
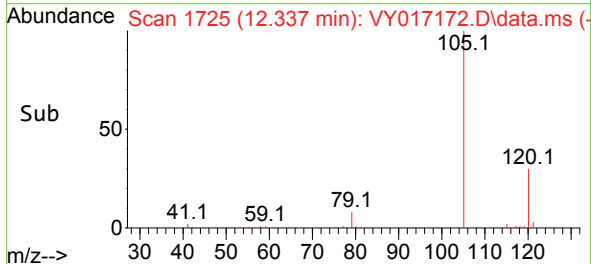
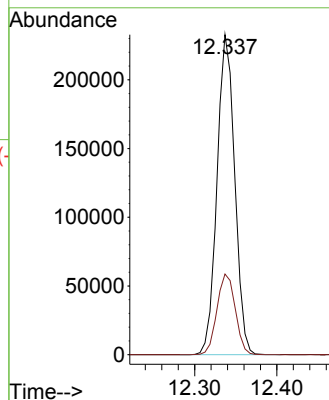
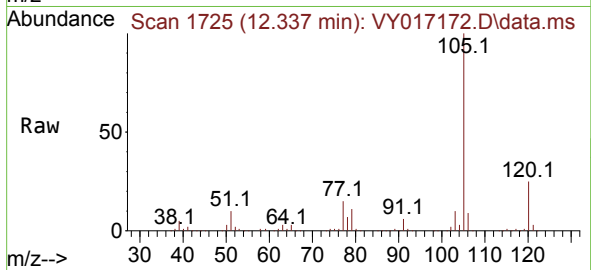
ICVY020124

Tgt Ion:105 Resp: 348287

Ion Ratio Lower Upper

105 100

120 26.1 13.0 39.0



#74

N-ethyl acetate

Concen: 53.024 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VY017172.D

Acq: 01 Feb 2024 17:16

Tgt Ion: 43 Resp: 81878

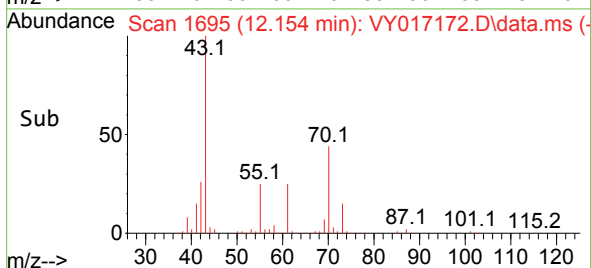
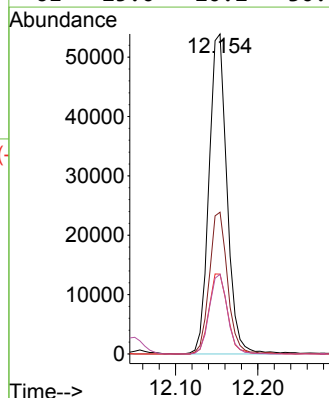
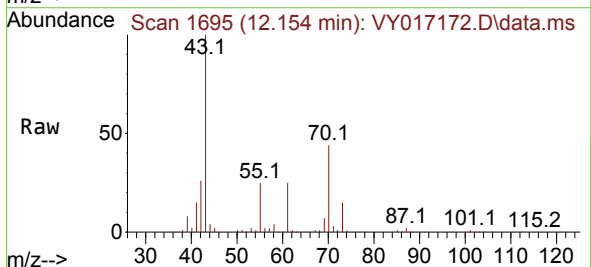
Ion Ratio Lower Upper

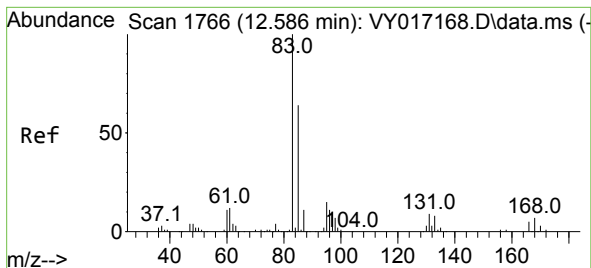
43 100

70 45.0 36.6 55.0

55 25.8 22.2 33.4

61 25.0 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 48.789 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY017172.D

Acq: 01 Feb 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY020124

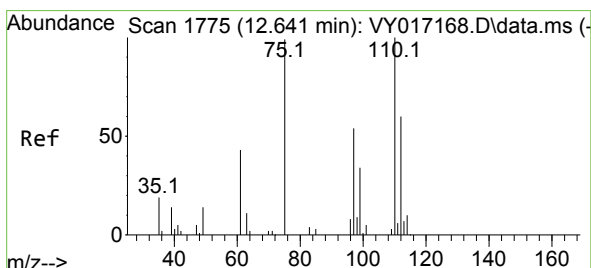
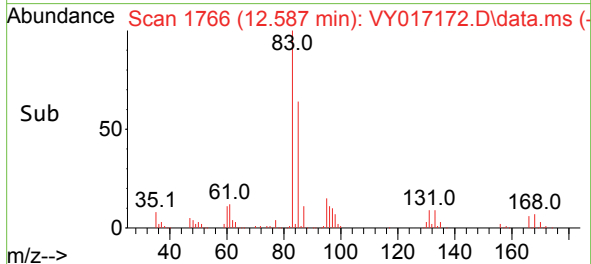
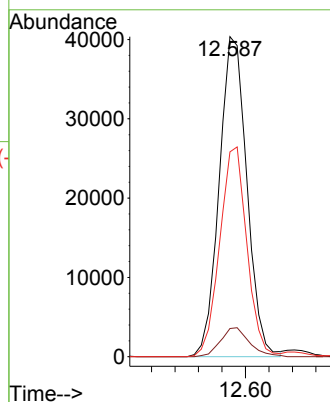
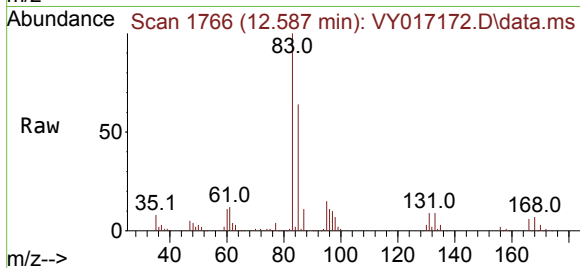
Tgt Ion: 83 Resp: 65948

Ion Ratio Lower Upper

83 100

131 9.5 4.9 14.6

85 64.3 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 97.681 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VY017172.D

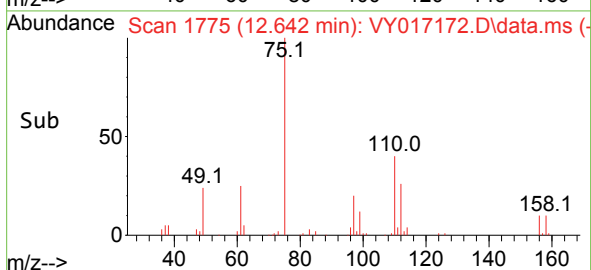
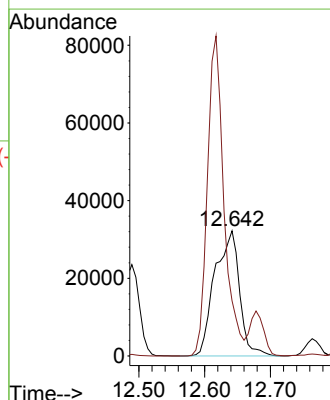
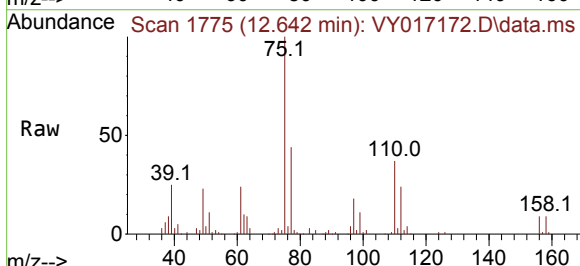
Acq: 01 Feb 2024 17:16

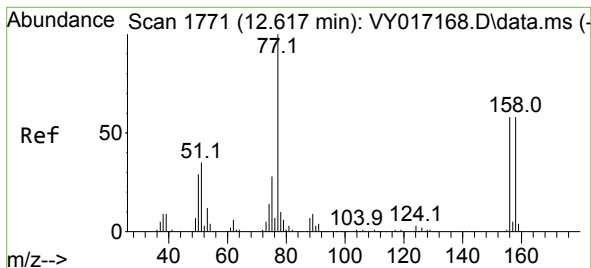
Tgt Ion: 75 Resp: 84341

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.449 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY017172.D

Acq: 01 Feb 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY020124

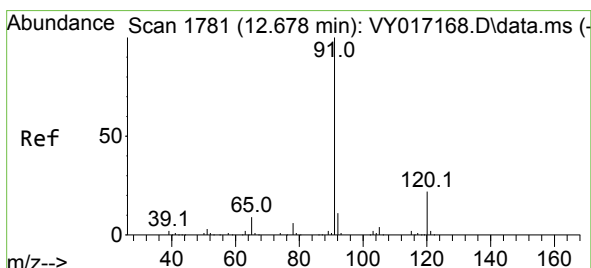
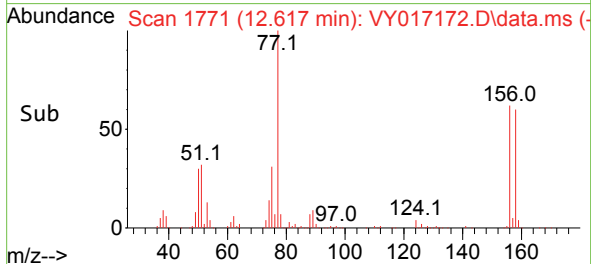
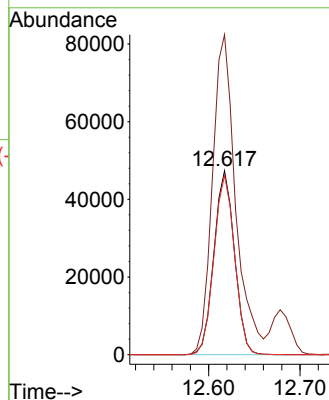
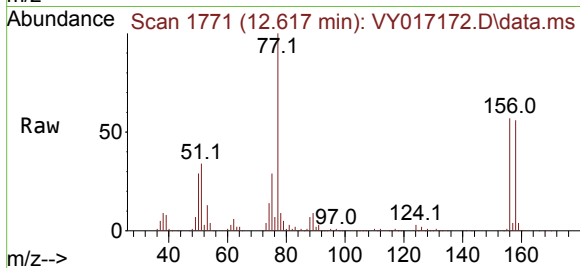
Tgt Ion:156 Resp: 73854

Ion Ratio Lower Upper

156 100

77 196.6 97.3 291.8

158 98.2 48.4 145.0



#78

n-propylbenzene

Concen: 51.259 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY017172.D

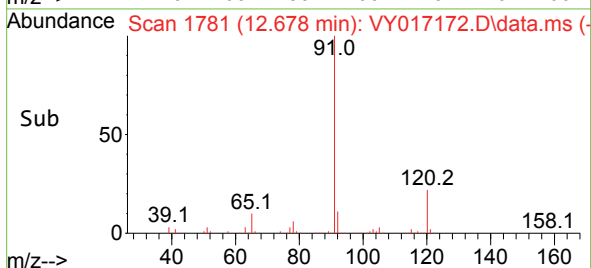
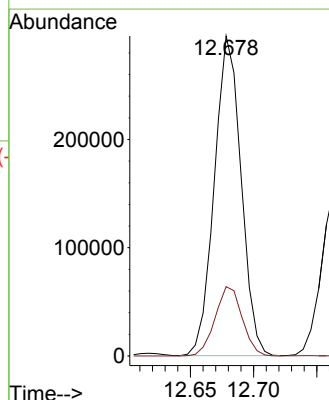
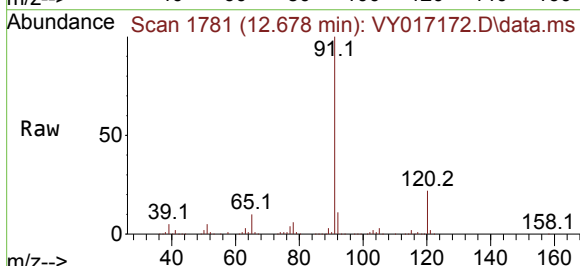
Acq: 01 Feb 2024 17:16

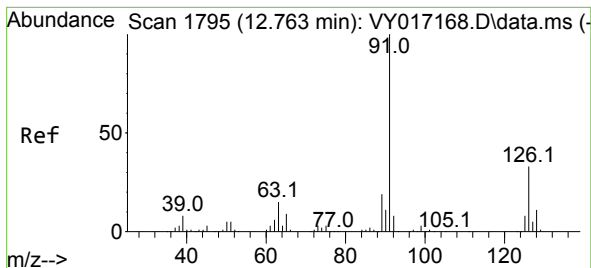
Tgt Ion: 91 Resp: 432654

Ion Ratio Lower Upper

91 100

120 22.0 11.0 33.0

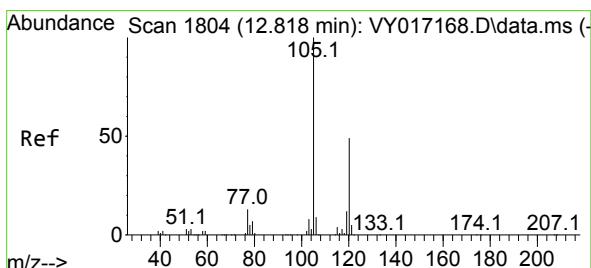
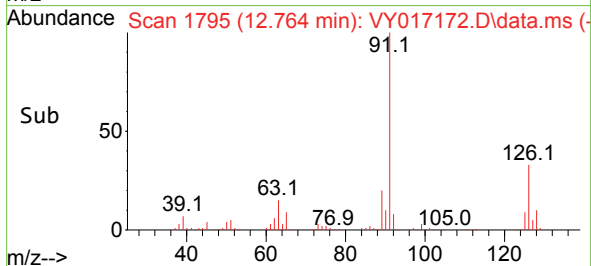
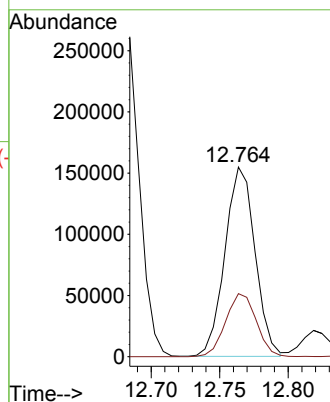
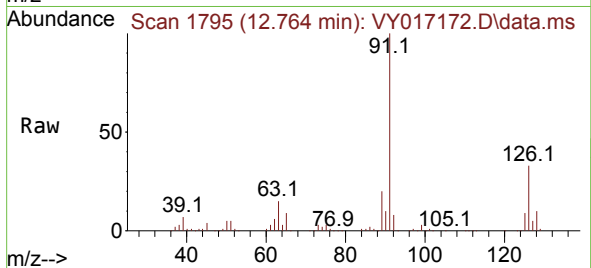




#79
2-Chlorotoluene
Concen: 50.938 ug/l
RT: 12.764 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017172.D
Acq: 01 Feb 2024 17:16

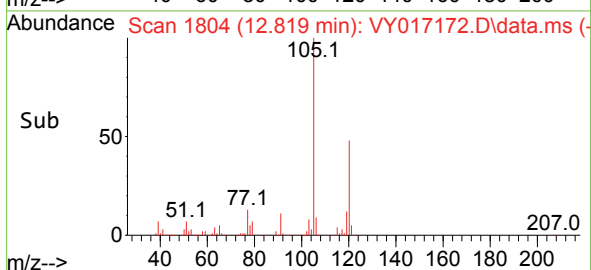
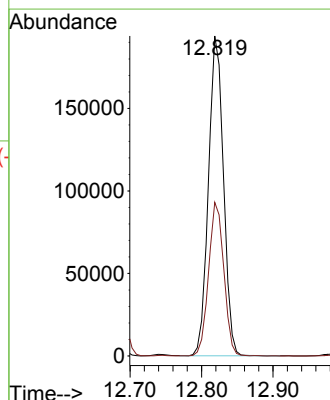
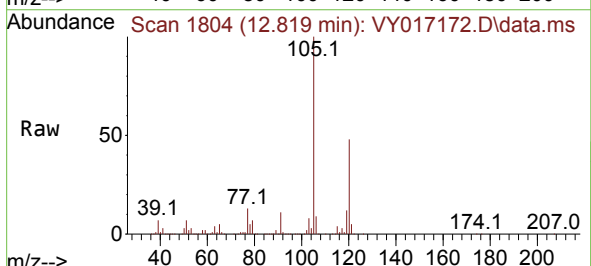
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020124

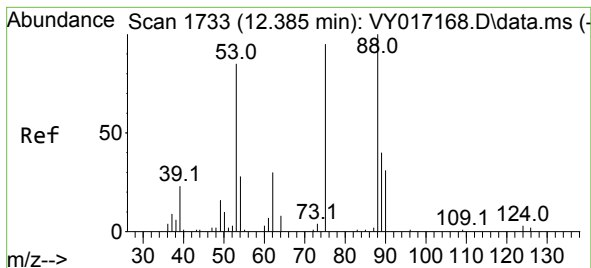
Tgt Ion: 91 Resp: 236371
Ion Ratio Lower Upper
91 100
126 34.0 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 51.811 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY017172.D
Acq: 01 Feb 2024 17:16

Tgt Ion: 105 Resp: 283182
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.8

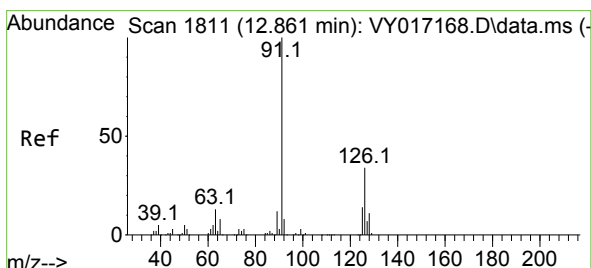
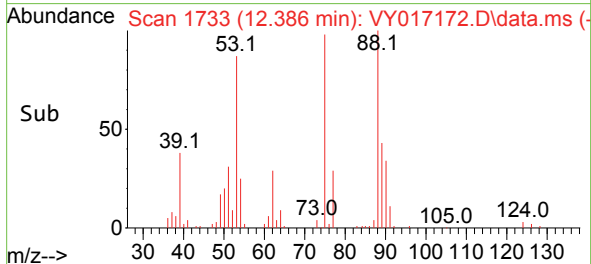
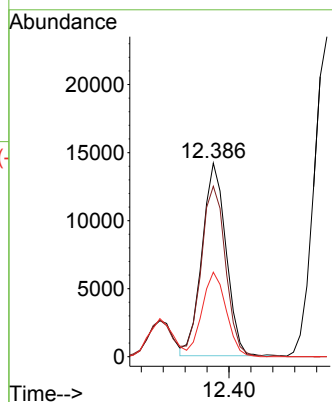
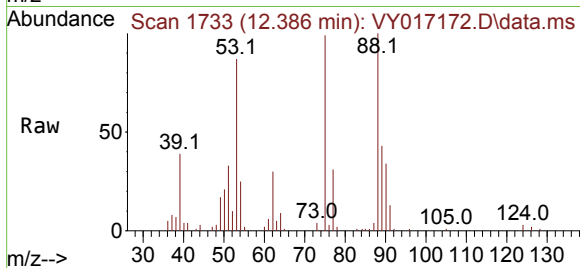




#81
trans-1,4-Dichloro-2-butene
Concen: 51.832 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY017172.D
Acq: 01 Feb 2024 17:16

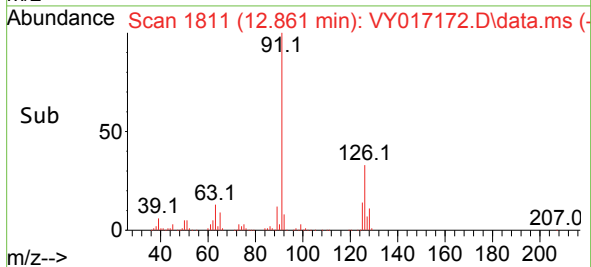
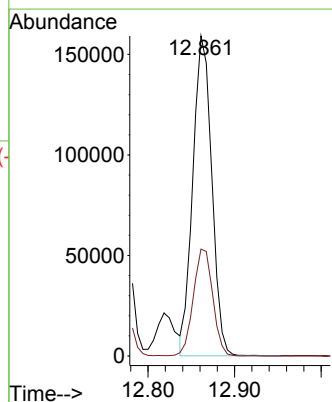
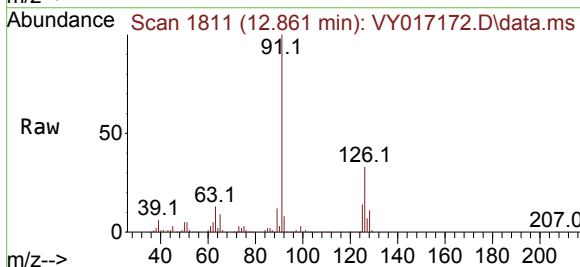
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY020124

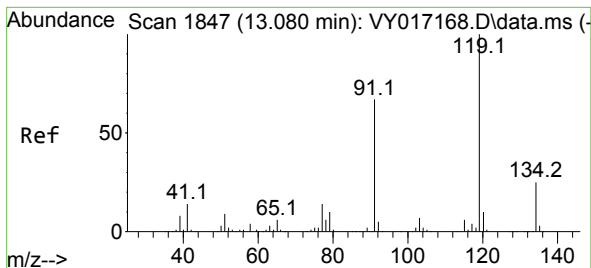
Tgt Ion: 75 Resp: 21538
Ion Ratio Lower Upper
75 100
53 90.3 74.0 111.0
89 43.8 36.5 54.7



#82
4-Chlorotoluene
Concen: 50.562 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY017172.D
Acq: 01 Feb 2024 17:16

Tgt Ion: 91 Resp: 241478
Ion Ratio Lower Upper
91 100
126 34.3 17.1 51.2





#83

tert-Butylbenzene

Concen: 51.569 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.000 min

Lab File: VY017172.D

Acq: 01 Feb 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY020124

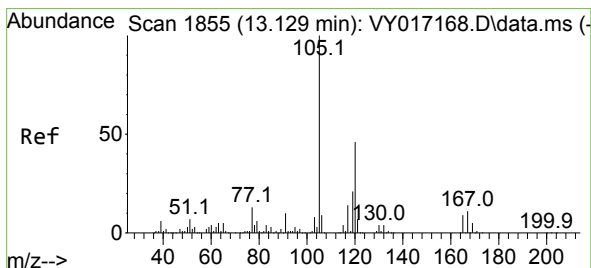
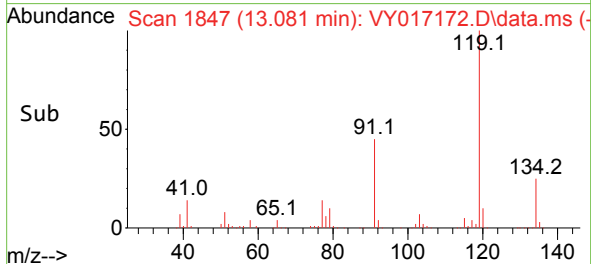
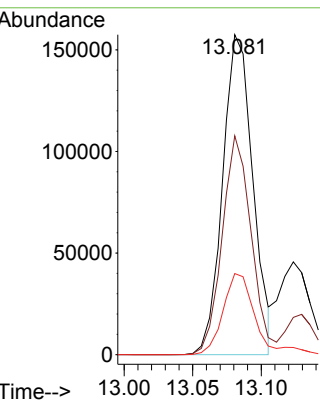
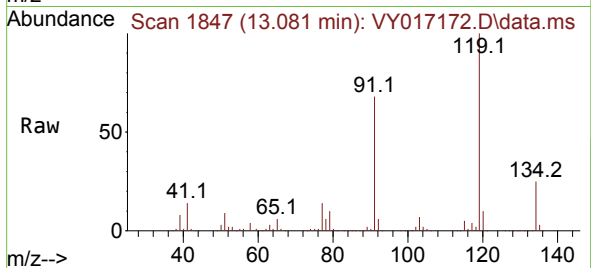
Tgt Ion:119 Resp: 241607

Ion Ratio Lower Upper

119 100

91 66.0 31.5 94.5

134 27.1 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 52.245 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY017172.D

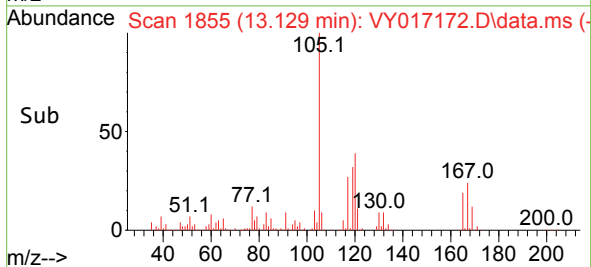
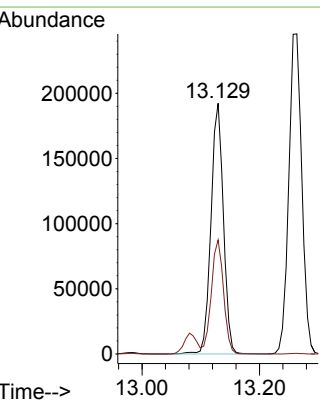
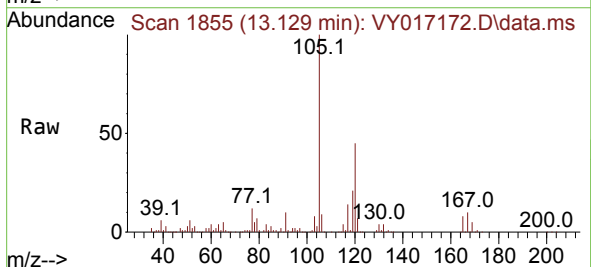
Acq: 01 Feb 2024 17:16

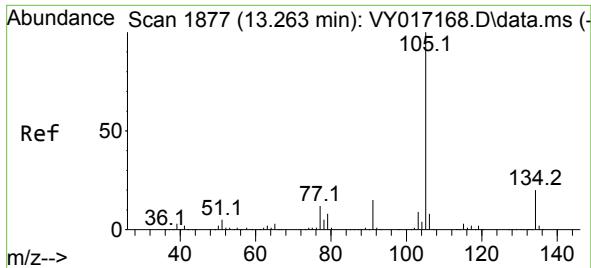
Tgt Ion:105 Resp: 281861

Ion Ratio Lower Upper

105 100

120 45.0 22.1 66.3

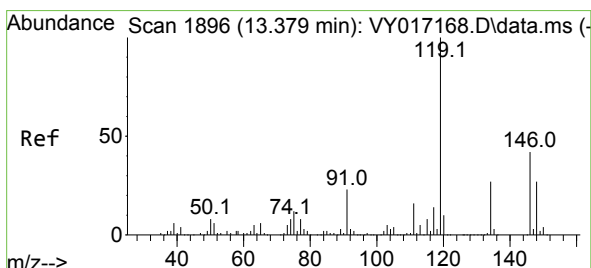
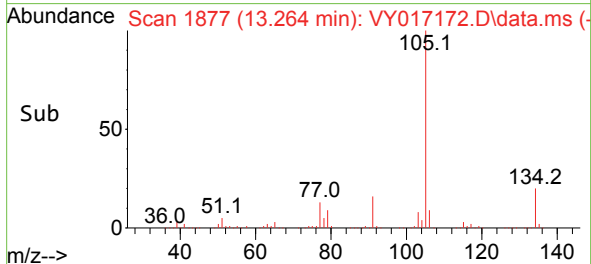
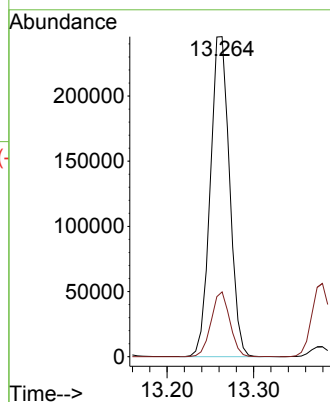
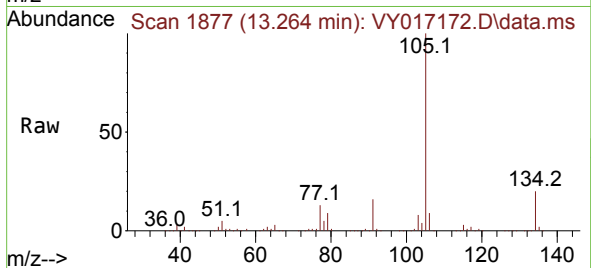




#85
 sec-Butylbenzene
 Concen: 51.652 ug/l
 RT: 13.264 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VY017172.D
 Acq: 01 Feb 2024 17:16

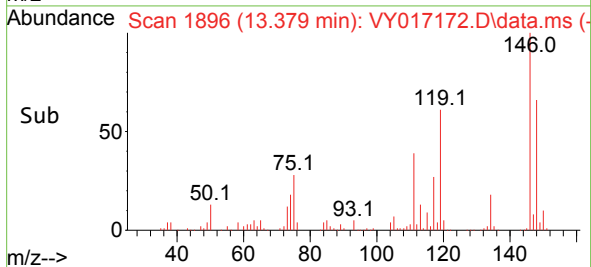
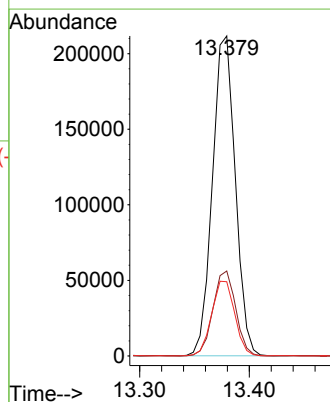
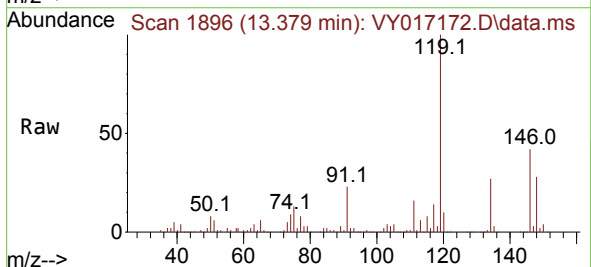
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY020124

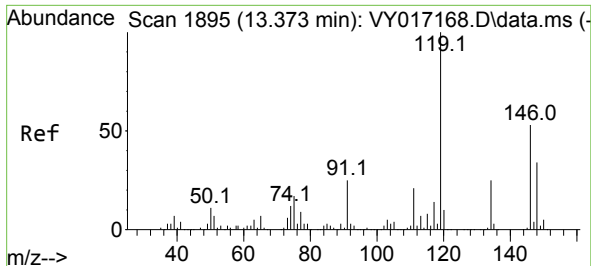
Tgt Ion:105 Resp: 378223
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 52.454 ug/l
 RT: 13.379 min Scan# 1896
 Delta R.T. 0.000 min
 Lab File: VY017172.D
 Acq: 01 Feb 2024 17:16

Tgt Ion:119 Resp: 306935
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.1 39.1
 91 23.6 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 49.731 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017172.D

Acq: 01 Feb 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY020124

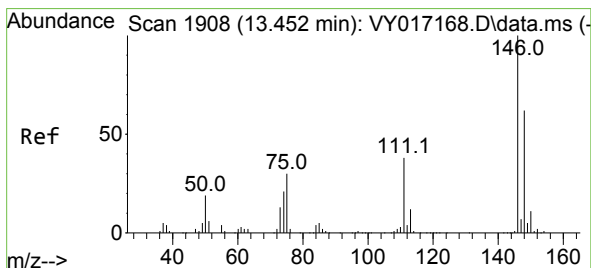
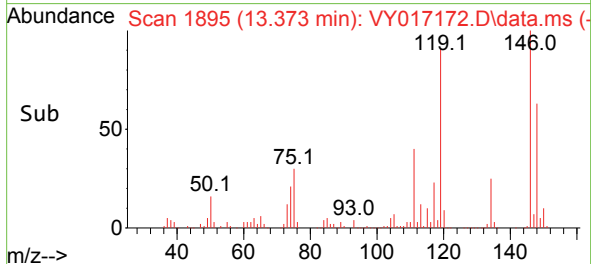
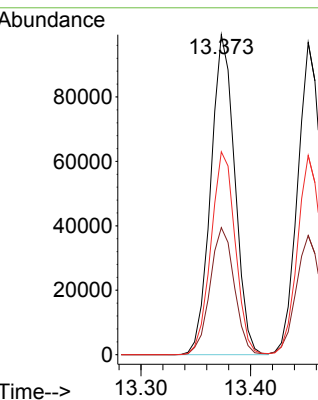
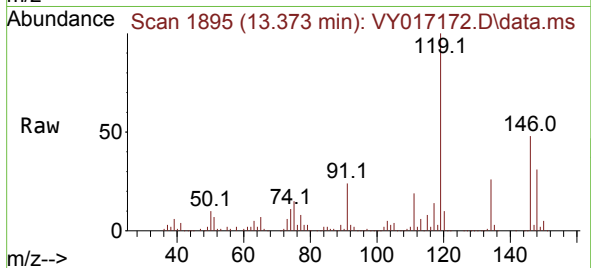
Tgt Ion:146 Resp: 151232

Ion Ratio Lower Upper

146 100

111 40.2 20.2 60.5

148 64.2 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 50.002 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY017172.D

Acq: 01 Feb 2024 17:16

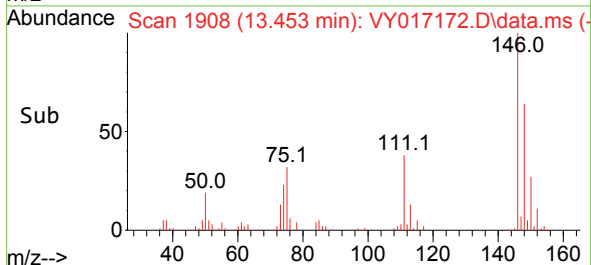
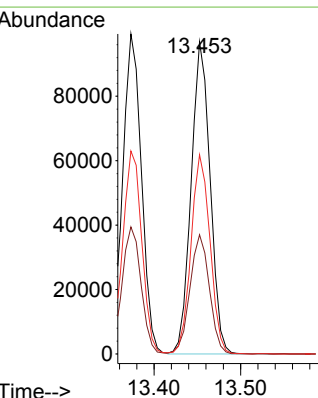
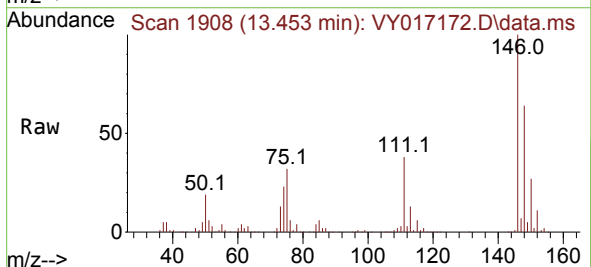
Tgt Ion:146 Resp: 147726

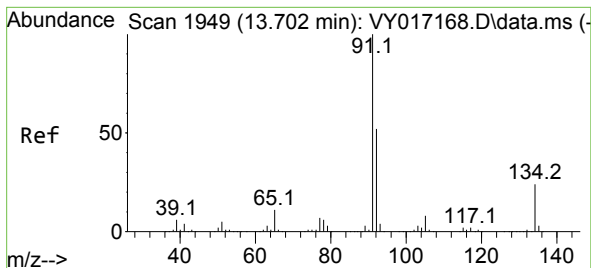
Ion Ratio Lower Upper

146 100

111 39.1 19.3 57.9

148 63.8 31.6 94.7





#89

n-Butylbenzene

Concen: 54.059 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY017172.D

Acq: 01 Feb 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY020124

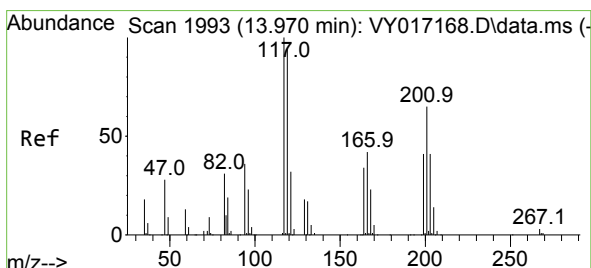
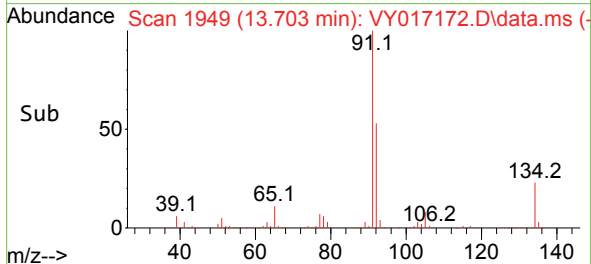
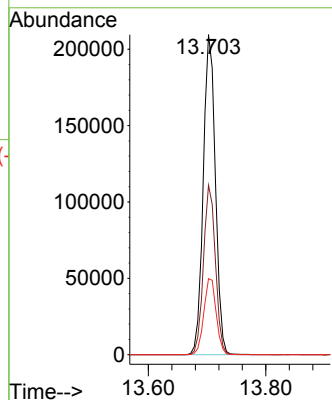
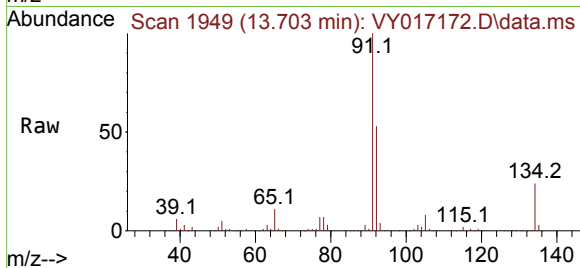
Tgt Ion: 91 Resp: 300756

Ion Ratio Lower Upper

91 100

92 52.2 26.4 79.2

134 24.2 12.3 36.8



#90

Hexachloroethane

Concen: 50.180 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.000 min

Lab File: VY017172.D

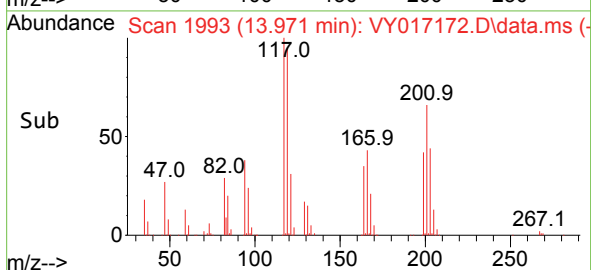
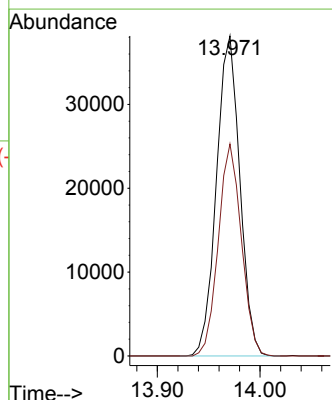
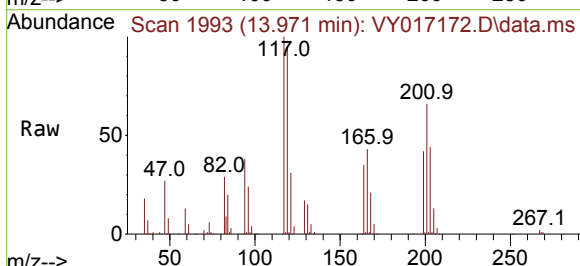
Acq: 01 Feb 2024 17:16

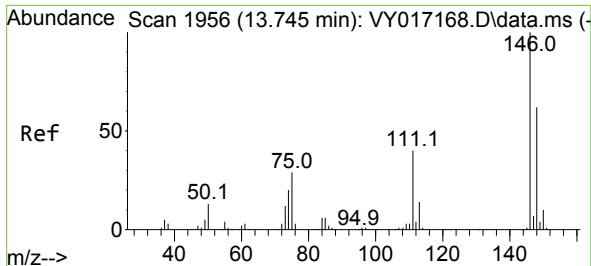
Tgt Ion: 117 Resp: 60279

Ion Ratio Lower Upper

117 100

201 65.2 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 50.755 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VY017172.D

Acq: 01 Feb 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY020124

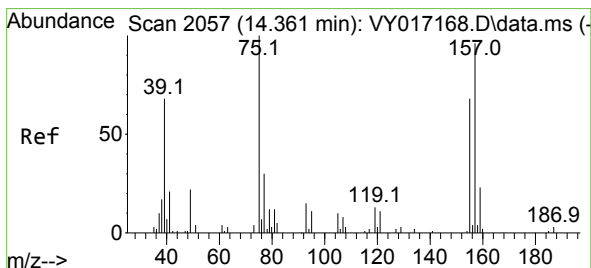
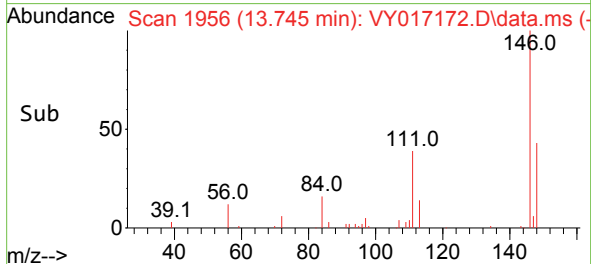
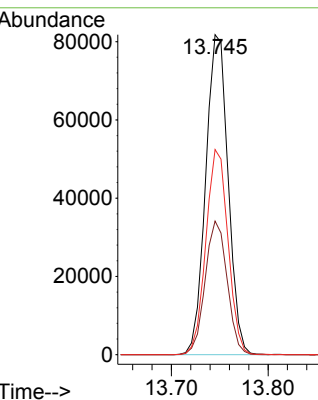
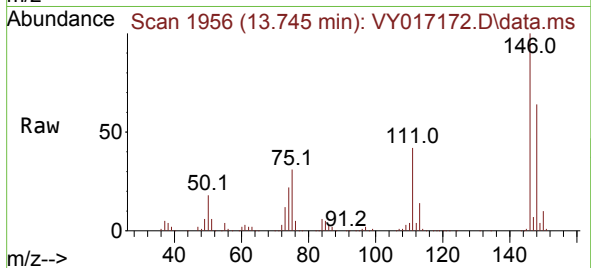
Tgt Ion:146 Resp: 131396

Ion Ratio Lower Upper

146 100

111 41.1 20.5 61.6

148 63.4 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.259 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VY017172.D

Acq: 01 Feb 2024 17:16

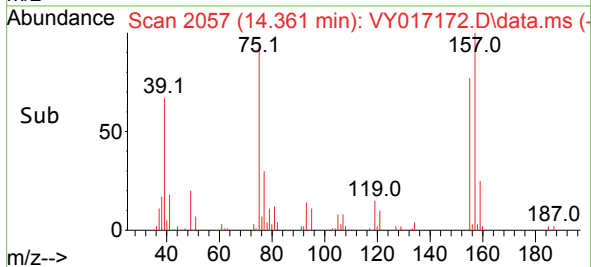
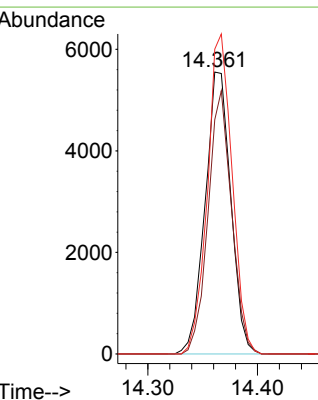
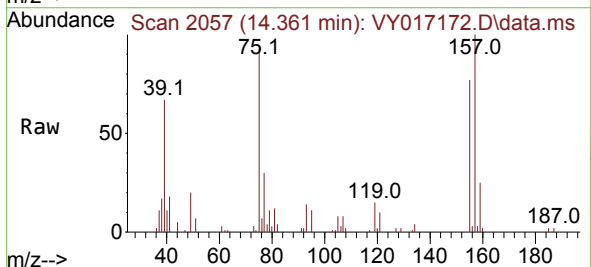
Tgt Ion: 75 Resp: 9025

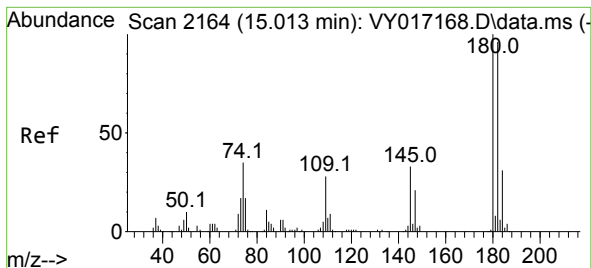
Ion Ratio Lower Upper

75 100

155 85.8 42.1 126.3

157 109.3 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 54.631 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017172.D

Acq: 01 Feb 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY020124

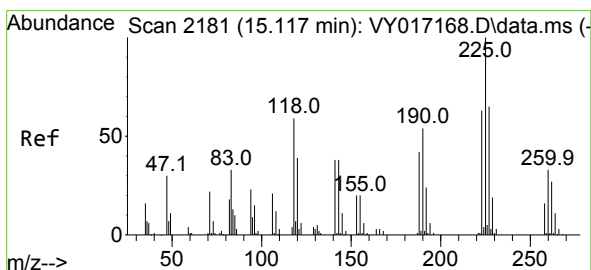
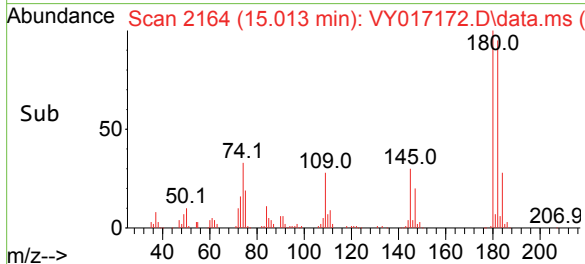
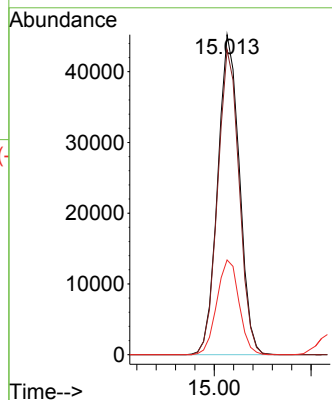
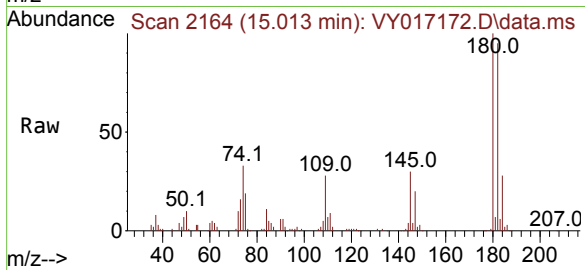
Tgt Ion:180 Resp: 70250

Ion Ratio Lower Upper

180 100

182 94.5 47.9 143.7

145 30.4 15.9 47.7



#94

Hexachlorobutadiene

Concen: 52.203 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY017172.D

Acq: 01 Feb 2024 17:16

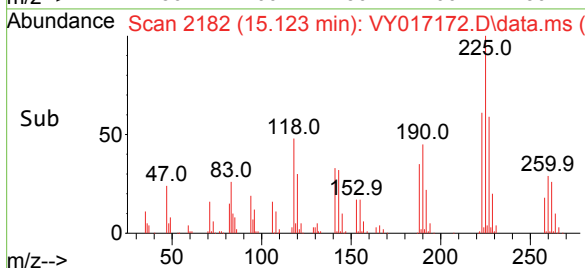
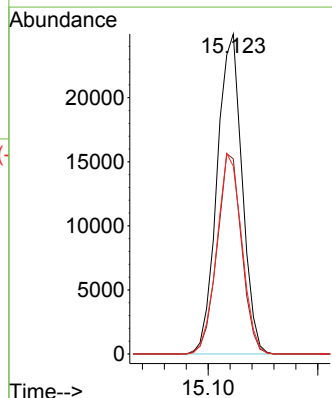
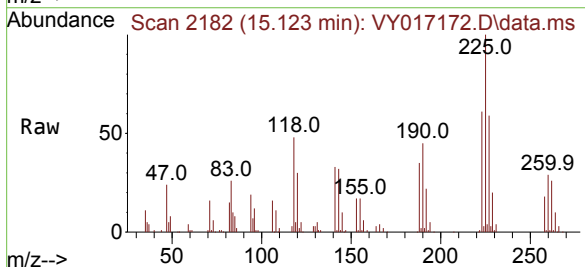
Tgt Ion:225 Resp: 39536

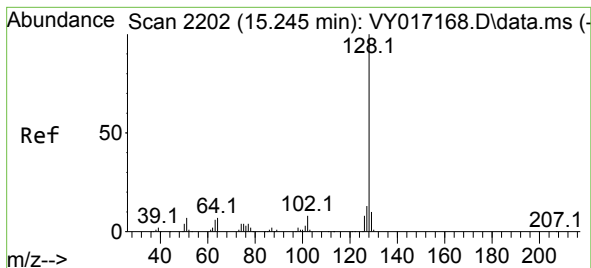
Ion Ratio Lower Upper

225 100

223 61.5 31.4 94.3

227 62.7 32.3 96.8





#95

Naphthalene

Concen: 51.860 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY017172.D

Acq: 01 Feb 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY020124

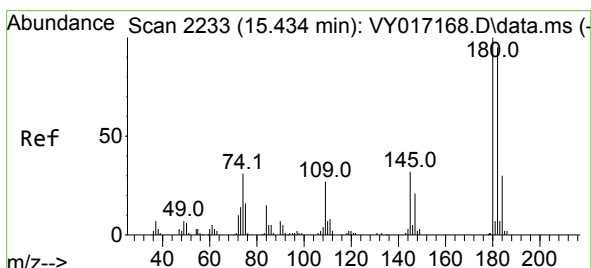
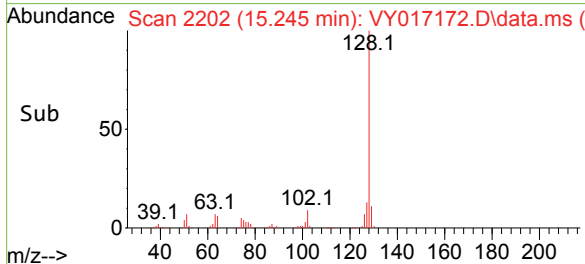
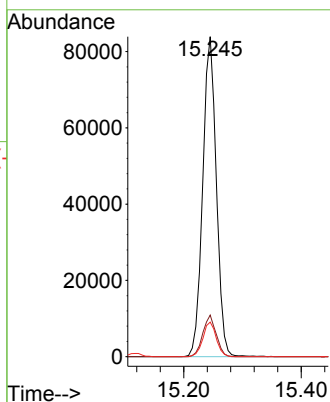
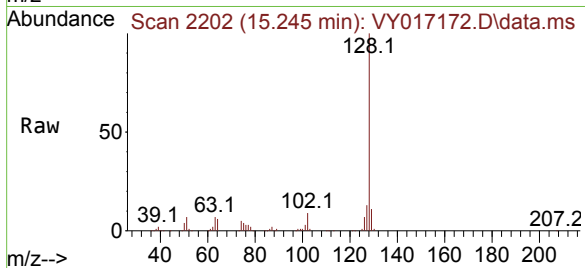
Tgt Ion:128 Resp: 135299

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.6 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 53.558 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY017172.D

Acq: 01 Feb 2024 17:16

Tgt Ion:180 Resp: 58574

Ion Ratio Lower Upper

180 100

182 94.7 46.3 138.8

145 33.4 16.1 48.2

