

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012424\
 Data File : VY017097.D
 Acq On : 24 Jan 2024 18:16
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY012424

Quant Time: Jan 25 04:46:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	135384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	228760	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	197435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	89116	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	68868	52.210	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.420%	
35) Dibromofluoromethane	7.740	113	71023	51.441	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.880%	
50) Toluene-d8	10.197	98	269264	51.635	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.260%	
62) 4-Bromofluorobenzene	12.495	95	84761	52.763	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.520%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	49093	50.069	ug/l	96
3) Chloromethane	2.125	50	91089	53.685	ug/l	98
4) Vinyl Chloride	2.259	62	110093	57.086	ug/l	95
5) Bromomethane	2.668	94	79487	54.919	ug/l	92
6) Chloroethane	2.808	64	72392	56.887	ug/l	95
7) Trichlorofluoromethane	3.143	101	119347	53.861	ug/l	98
8) Diethyl Ether	3.546	74	39144	50.182	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.917	101	73641	48.630	ug/l	99
10) Methyl Iodide	4.106	142	76866	53.430	ug/l	98
11) Tert butyl alcohol	4.972	59	24422	252.842	ug/l	97
12) 1,1-Dichloroethene	3.893	96	69204	49.924	ug/l	98
13) Acrolein	3.747	56	37299	235.779	ug/l	98
14) Allyl chloride	4.497	41	109127	52.085	ug/l	99
15) Acrylonitrile	5.179	53	87215	257.622	ug/l	99
16) Acetone	3.966	43	87036	244.583	ug/l	98
17) Carbon Disulfide	4.216	76	206667	49.467	ug/l	99
18) Methyl Acetate	4.497	43	74487	55.047	ug/l	99
19) Methyl tert-butyl Ether	5.246	73	178702	52.829	ug/l	98
20) Methylene Chloride	4.740	84	91952	64.444	ug/l	97
21) trans-1,2-Dichloroethene	5.240	96	82290	51.323	ug/l	97
22) Diisopropyl ether	6.143	45	246929	53.392	ug/l	95
23) Vinyl Acetate	6.082	43	583979	260.310	ug/l	100
24) 1,1-Dichloroethane	6.039	63	143179	50.757	ug/l	99
25) 2-Butanone	7.002	43	120022	245.174	ug/l	95
26) 2,2-Dichloropropane	7.002	77	123225	51.145	ug/l	100
27) cis-1,2-Dichloroethene	7.008	96	93647	52.706	ug/l	99
28) Bromochloromethane	7.356	49	54298	48.350	ug/l	99
29) Tetrahydrofuran	7.368	42	71977	269.101	ug/l	99
30) Chloroform	7.527	83	148384	51.658	ug/l	98
31) Cyclohexane	7.801	56	127166	54.632	ug/l	98
32) 1,1,1-Trichloroethane	7.722	97	127361	51.708	ug/l	100
36) 1,1-Dichloropropene	7.935	75	115621	50.898	ug/l	99
37) Ethyl Acetate	7.088	43	49783	50.967	ug/l	100
38) Carbon Tetrachloride	7.923	117	110757	49.753	ug/l	98
39) Methylcyclohexane	9.203	83	139707	51.133	ug/l	96
40) Benzene	8.179	78	337706	51.190	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	25045	47.942	ug/l	87
42) 1,2-Dichloroethane	8.252	62	87489	51.153	ug/l	99
43) Isopropyl Acetate	8.289	43	95449	52.344	ug/l	99
44) Trichloroethene	8.959	130	86378	51.050	ug/l	95
45) 1,2-Dichloropropane	9.234	63	83144	51.348	ug/l	98
46) Dibromomethane	9.319	93	43619	50.723	ug/l	98
47) Bromodichloromethane	9.514	83	113291	51.785	ug/l	96
48) Methyl methacrylate	9.307	41	54477	53.807	ug/l	100
49) 1,4-Dioxane	9.313	88	9261	1094.986	ug/l	95
51) 4-Methyl-2-Pentanone	10.087	43	256761	264.702	ug/l	99
52) Toluene	10.258	92	208953	52.330	ug/l	100
53) t-1,3-Dichloropropene	10.477	75	106600	53.339	ug/l	99
54) cis-1,3-Dichloropropene	9.947	75	127815	51.999	ug/l	99
55) 1,1,2-Trichloroethane	10.660	97	61099	50.836	ug/l	97
56) Ethyl methacrylate	10.526	69	58273	55.444	ug/l	98
57) 1,3-Dichloropropane	10.806	76	105528	51.933	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.794	63	197304	270.440	ug/l	99
59) 2-Hexanone	10.843	43	183220	247.587	ug/l	99
60) Dibromochloromethane	11.002	129	71655	51.316	ug/l	98
61) 1,2-Dibromoethane	11.105	107	56392	51.649	ug/l	99
64) Tetrachloroethene	10.739	164	69360	50.401	ug/l	97
65) Chlorobenzene	11.532	112	212537	50.799	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.605	131	78864	51.604	ug/l	99
67) Ethyl Benzene	11.605	91	402389	52.904	ug/l	99
68) m/p-Xylenes	11.715	106	301324	105.443	ug/l	100
69) o-Xylene	12.044	106	139638	53.793	ug/l	99
70) Styrene	12.056	104	204223	54.192	ug/l	99
71) Bromoform	12.221	173	39381	51.390	ug/l #	96
73) Isopropylbenzene	12.343	105	379380	51.785	ug/l	100
74) N-amyl acetate	12.154	43	77626	52.568	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	69213	49.545	ug/l	99
76) 1,2,3-Trichloropropane	12.648	75	83609	77.295	ug/l #	100
77) Bromobenzene	12.623	156	80169	50.573	ug/l	99
78) n-propylbenzene	12.684	91	458613	52.047	ug/l	100
79) 2-Chlorotoluene	12.769	91	246106	50.897	ug/l	99
80) 1,3,5-Trimethylbenzene	12.824	105	304313	52.485	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.391	75	21097	50.493	ug/l	97
82) 4-Chlorotoluene	12.867	91	250212	49.928	ug/l	98
83) tert-Butylbenzene	13.086	119	256056	51.056	ug/l	98
84) 1,2,4-Trimethylbenzene	13.135	105	297092	51.554	ug/l	98
85) sec-Butylbenzene	13.263	105	382949	51.568	ug/l	99
86) p-Isopropyltoluene	13.379	119	324672	52.487	ug/l	100
87) 1,3-Dichlorobenzene	13.379	146	156216	49.914	ug/l	100
88) 1,4-Dichlorobenzene	13.458	146	151282	49.128	ug/l	99
89) n-Butylbenzene	13.708	91	313444	52.534	ug/l	100
90) Hexachloroethane	13.970	117	65076	50.474	ug/l	99
91) 1,2-Dichlorobenzene	13.751	146	134487	50.318	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.367	75	8591	48.150	ug/l	98
93) 1,2,4-Trichlorobenzene	15.019	180	70031	50.141	ug/l	99
94) Hexachlorobutadiene	15.123	225	39993	47.577	ug/l	99
95) Naphthalene	15.251	128	129840	52.634	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	57662	49.623	ug/l	96

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QLast Update : Thu Jan 25 04:44:10 2024
Response via : Initial Calibration

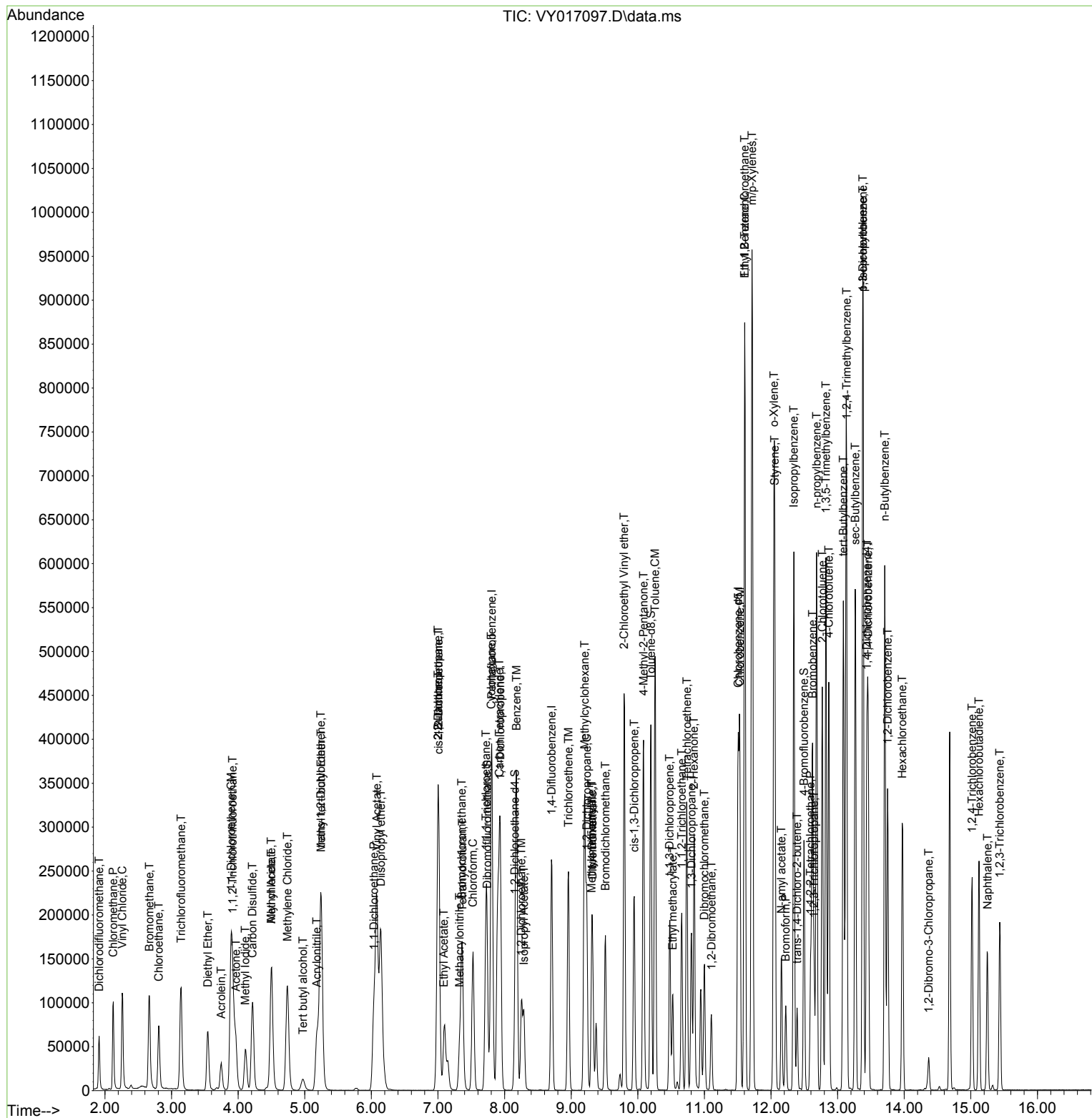
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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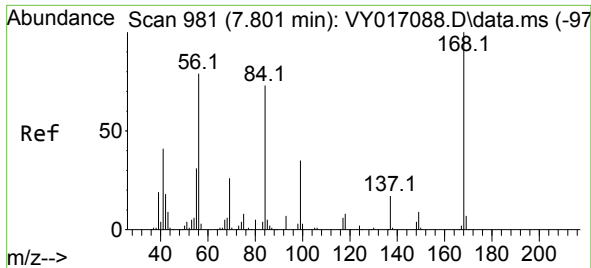
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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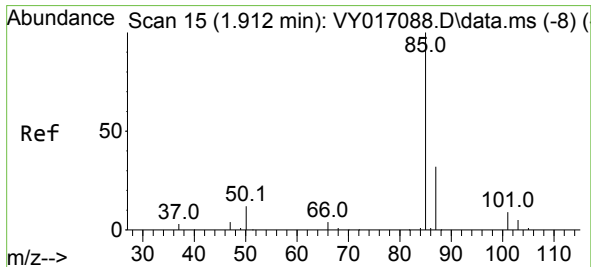
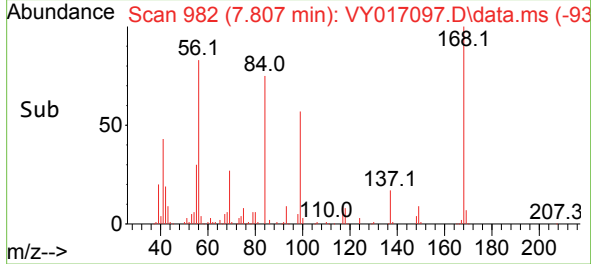
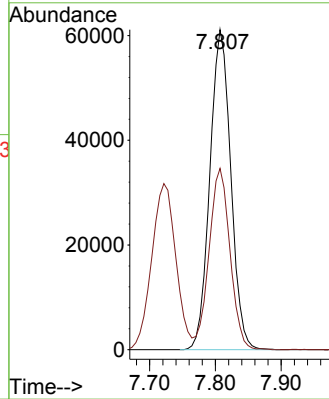
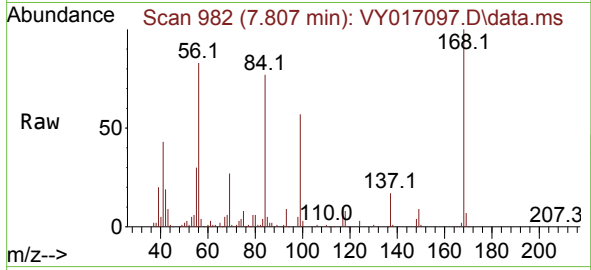




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017097.D
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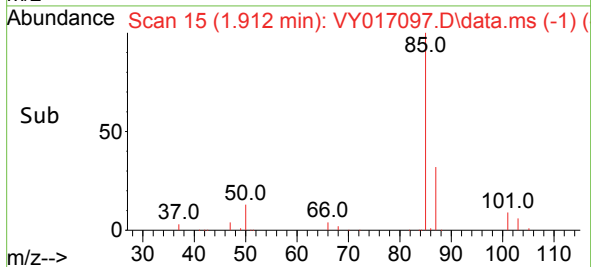
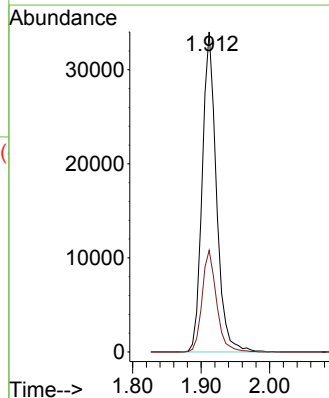
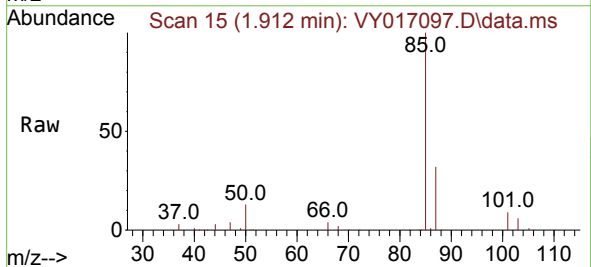
Instrument :
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ClientSampleId :
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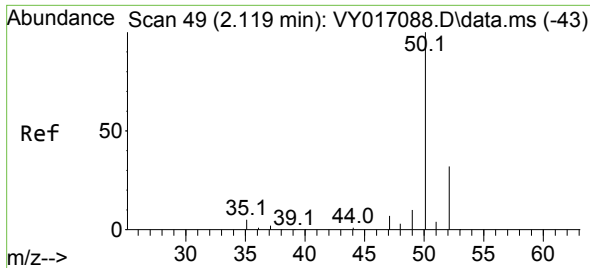
Tgt Ion:168 Resp: 135384
Ion Ratio Lower Upper
168 100
99 56.7 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 50.069 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY017097.D
Acq: 24 Jan 2024 18:16

Tgt Ion: 85 Resp: 49093
Ion Ratio Lower Upper
85 100
87 31.8 17.1 51.3

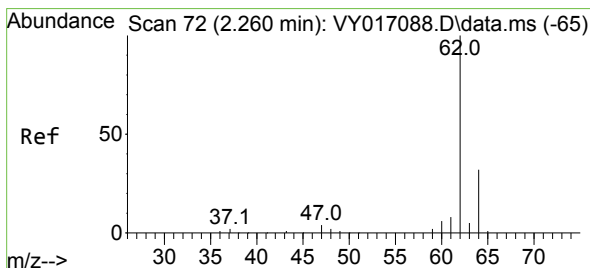
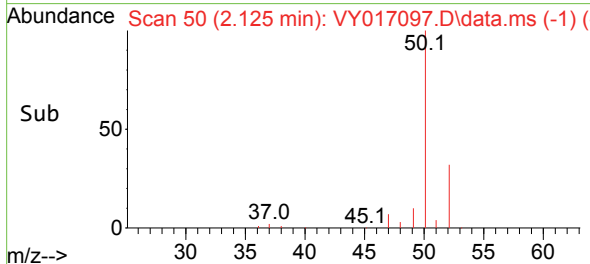
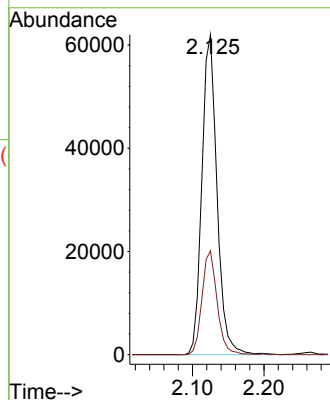
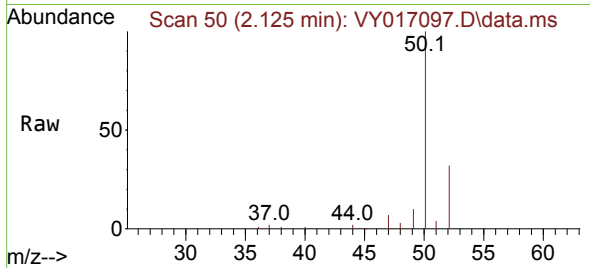




#3
Chloromethane
Concen: 53.685 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY017097.D
Acq: 24 Jan 2024 18:16

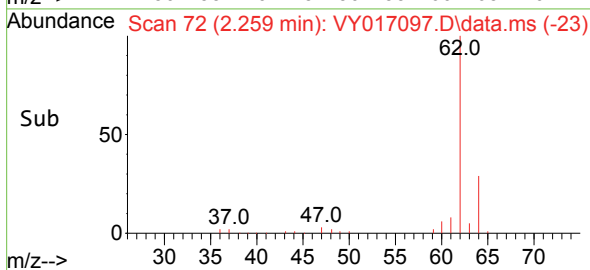
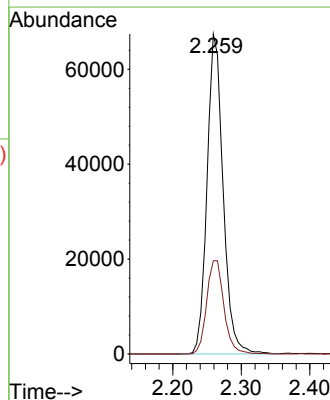
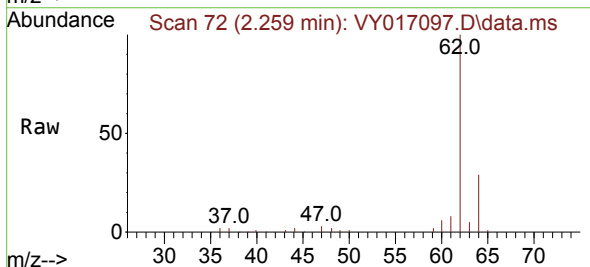
Instrument :
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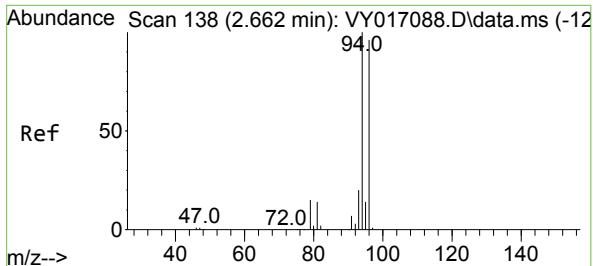
Tgt Ion: 50 Resp: 91089
Ion Ratio Lower Upper
50 100
52 32.5 26.7 40.1



#4
Vinyl Chloride
Concen: 57.086 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY017097.D
Acq: 24 Jan 2024 18:16

Tgt Ion: 62 Resp: 110093
Ion Ratio Lower Upper
62 100
64 29.1 25.7 38.5





#5

Bromomethane

Concen: 54.919 ug/l

RT: 2.668 min Scan# 138

Delta R.T. 0.006 min

Lab File: VY017097.D

Acq: 24 Jan 2024 18:16

Instrument :

MSVOA_Y

ClientSampleId :

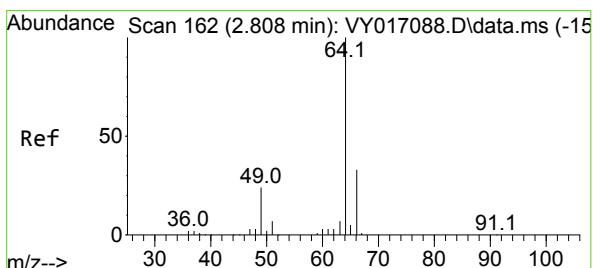
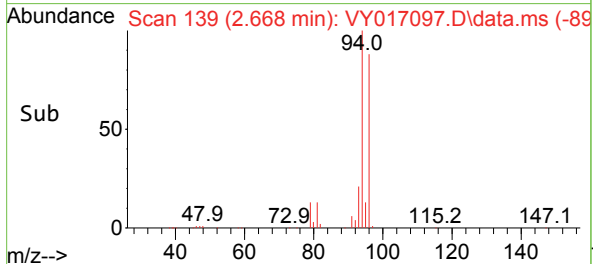
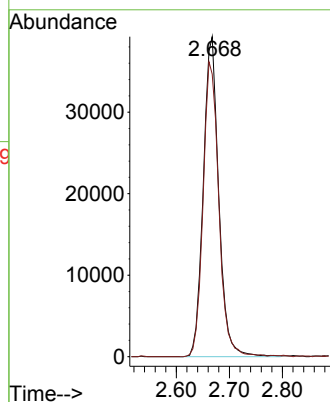
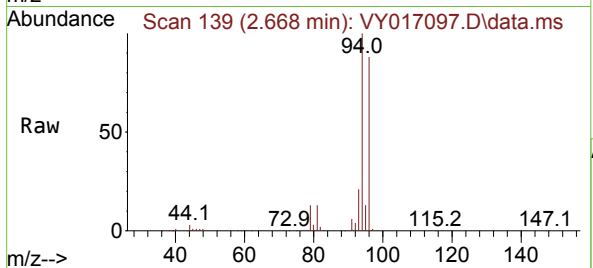
ICVY012424

Tgt Ion: 94 Resp: 79487

Ion Ratio Lower Upper

94 100

96 88.3 77.3 115.9



#6

Chloroethane

Concen: 56.887 ug/l

RT: 2.808 min Scan# 162

Delta R.T. -0.000 min

Lab File: VY017097.D

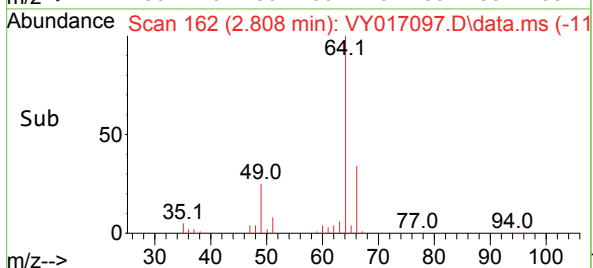
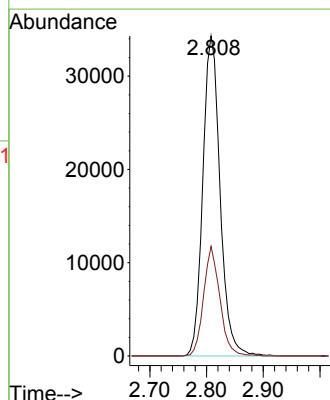
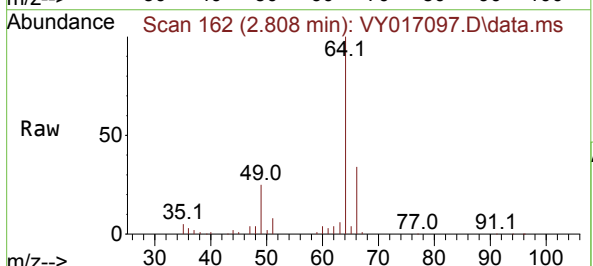
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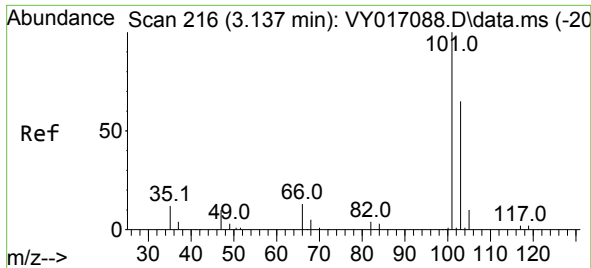
Tgt Ion: 64 Resp: 72392

Ion Ratio Lower Upper

64 100

66 34.2 25.1 37.7

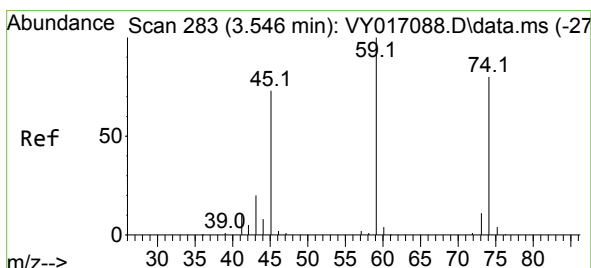
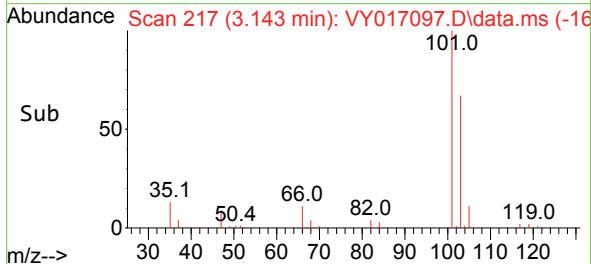
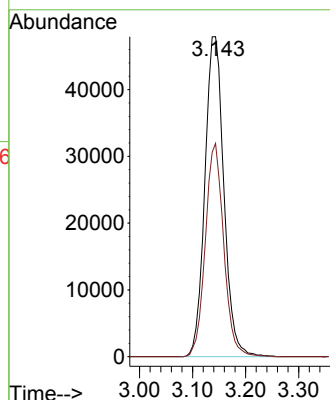
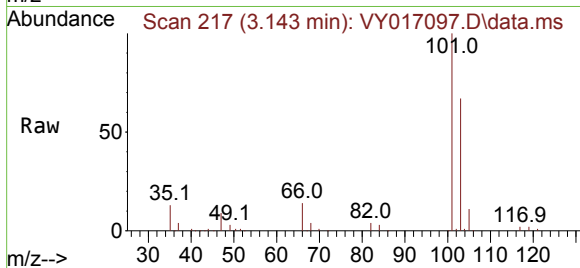




#7
 Trichlorofluoromethane
 Concen: 53.861 ug/l
 RT: 3.143 min Scan# 216
 Delta R.T. 0.006 min
 Lab File: VY017097.D
 Acq: 24 Jan 2024 18:16

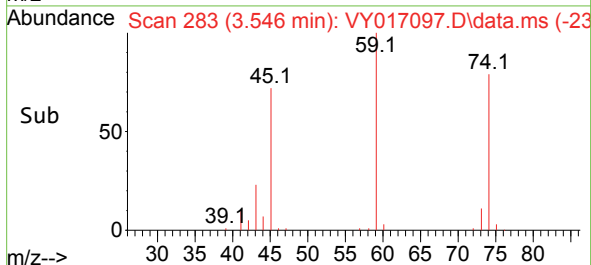
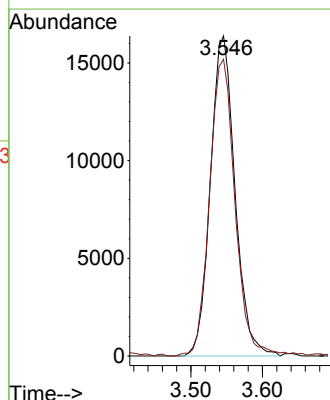
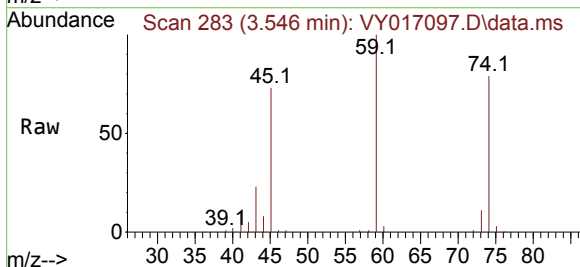
Instrument :
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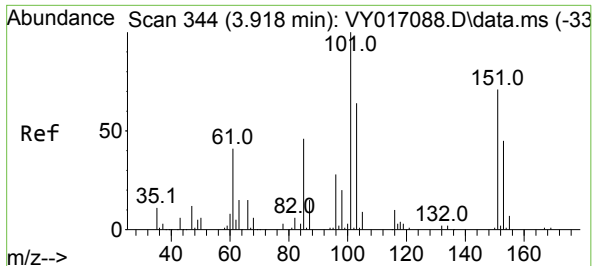
Tgt Ion:101 Resp: 119347
 Ion Ratio Lower Upper
 101 100
 103 66.6 51.9 77.9



#8
 Diethyl Ether
 Concen: 50.182 ug/l
 RT: 3.546 min Scan# 283
 Delta R.T. 0.006 min
 Lab File: VY017097.D
 Acq: 24 Jan 2024 18:16

Tgt Ion: 74 Resp: 39144
 Ion Ratio Lower Upper
 74 100
 45 96.2 47.9 143.7

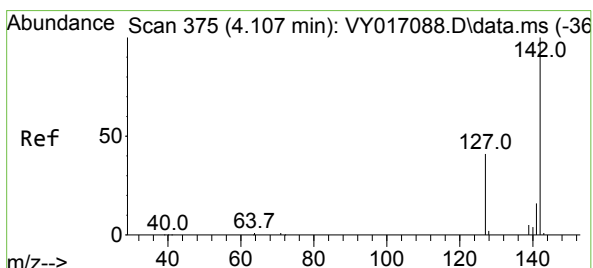
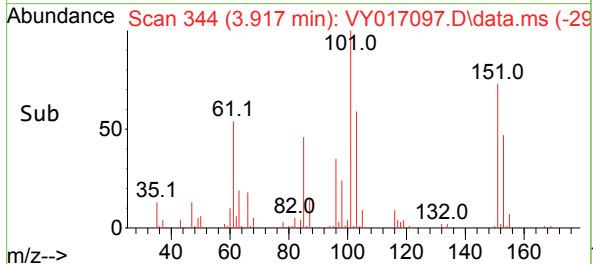
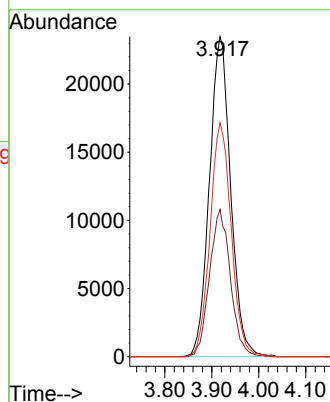
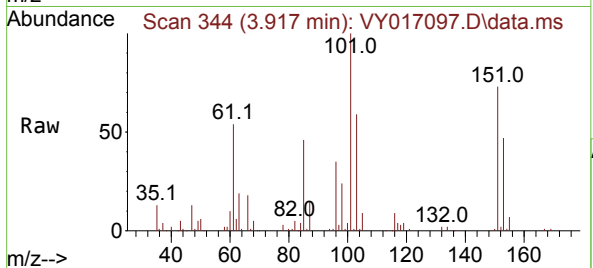




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.630 ug/l
RT: 3.917 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY017097.D
Acq: 24 Jan 2024 18:16

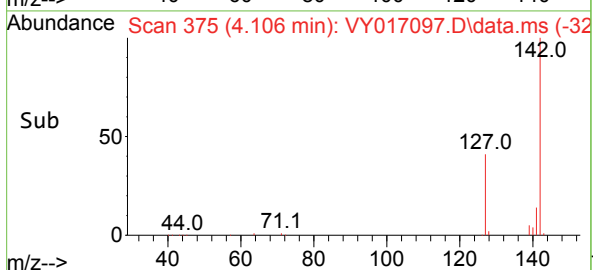
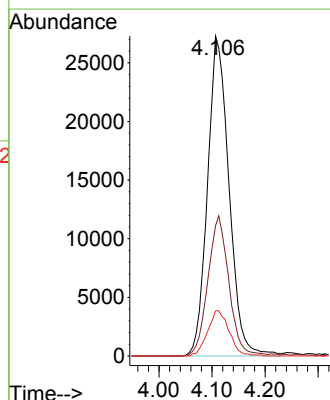
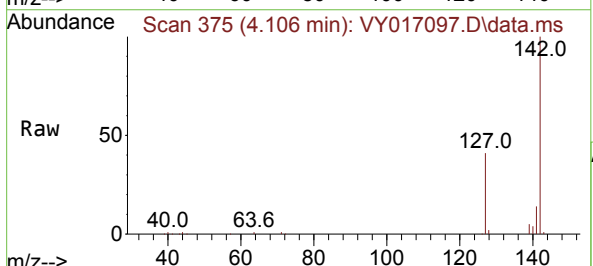
Instrument :
MSVOA_Y
ClientSampleId :
ICVY012424

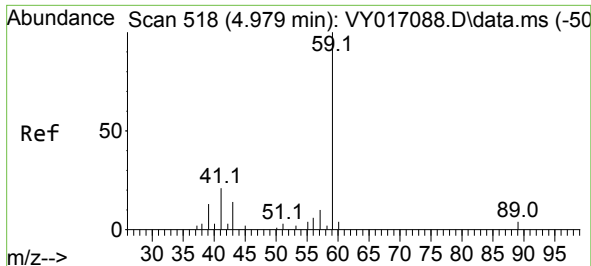
Tgt Ion:	101	Resp:	73641
Ion	Ratio	Lower	Upper
101	100		
85	45.3	35.8	53.6
151	72.7	58.6	88.0



#10
Methyl Iodide
Concen: 53.430 ug/l
RT: 4.106 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY017097.D
Acq: 24 Jan 2024 18:16

Tgt Ion:	142	Resp:	76866
Ion	Ratio	Lower	Upper
142	100		
127	42.6	35.1	52.7
141	14.2	11.8	17.6

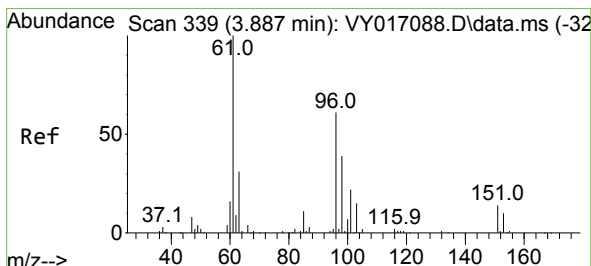
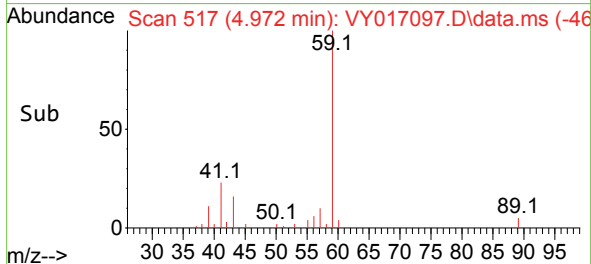
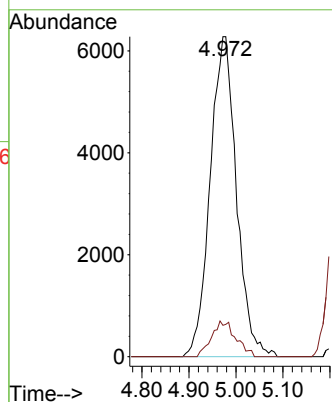
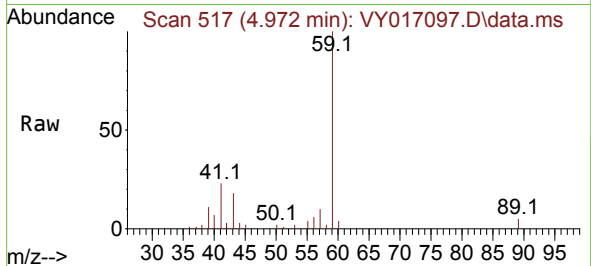




#11
Tert butyl alcohol
Concen: 252.842 ug/l
RT: 4.972 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY017097.D
Acq: 24 Jan 2024 18:16

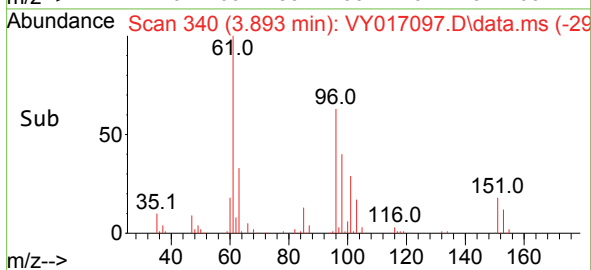
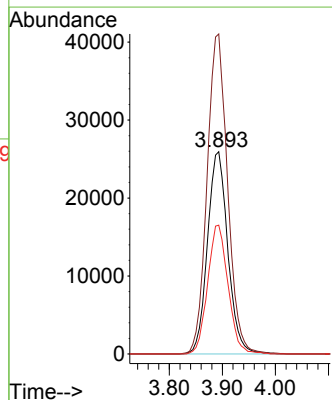
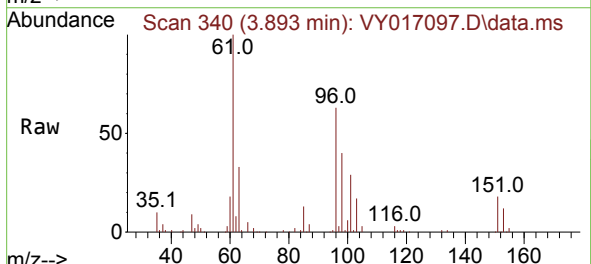
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY012424

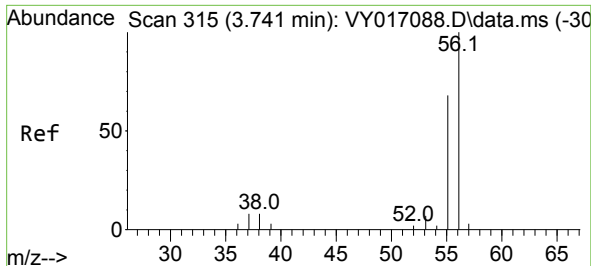
Tgt Ion: 59 Resp: 24422
Ion Ratio Lower Upper
59 100
57 10.2 7.4 11.0



#12
1,1-Dichloroethene
Concen: 49.924 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY017097.D
Acq: 24 Jan 2024 18:16

Tgt Ion: 96 Resp: 69204
Ion Ratio Lower Upper
96 100
61 158.2 124.2 186.2
98 63.7 52.6 79.0





#13

Acrolein

Concen: 235.779 ug/l

RT: 3.747 min Scan# 315

Delta R.T. 0.006 min

Lab File: VY017097.D

Acq: 24 Jan 2024 18:16

Instrument :

MSVOA_Y

ClientSampleId :

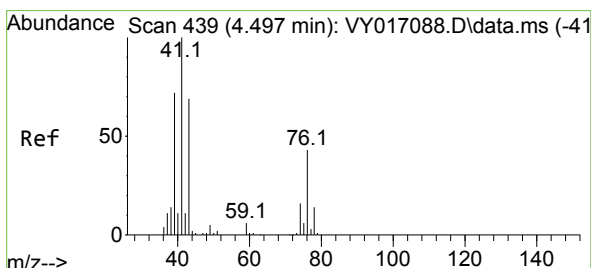
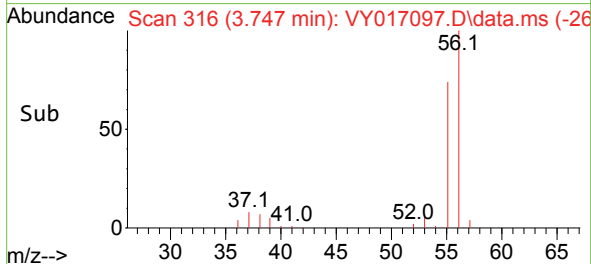
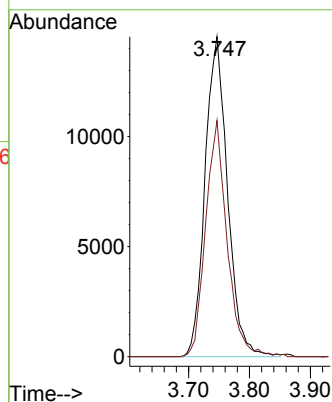
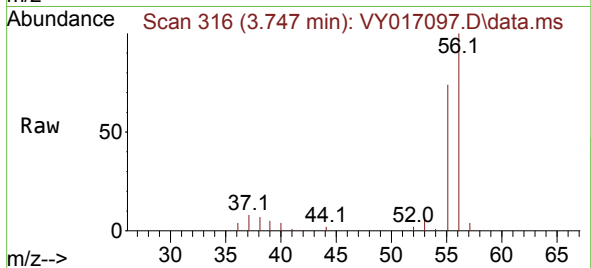
ICVVY012424

Tgt Ion: 56 Resp: 37299

Ion Ratio Lower Upper

56 100

55 70.6 55.4 83.0



#14

Allyl chloride

Concen: 52.085 ug/l

RT: 4.497 min Scan# 439

Delta R.T. -0.000 min

Lab File: VY017097.D

Acq: 24 Jan 2024 18:16

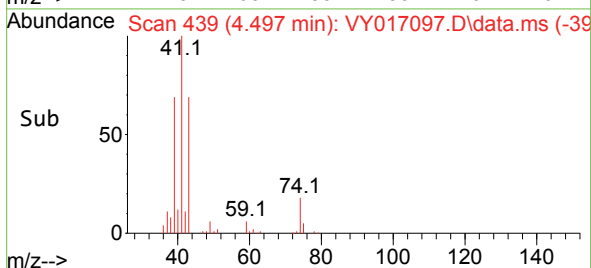
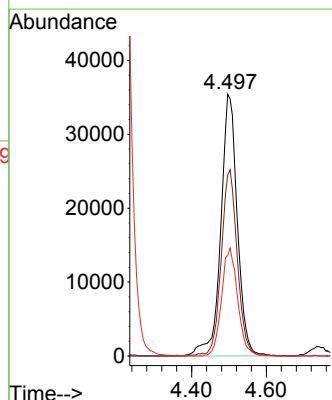
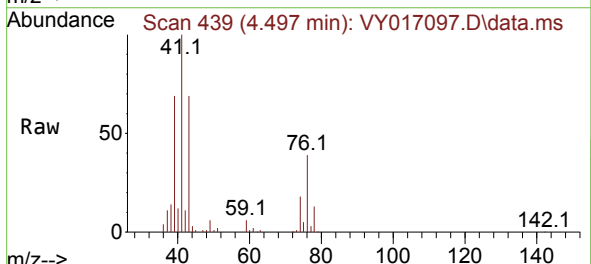
Tgt Ion: 41 Resp: 109127

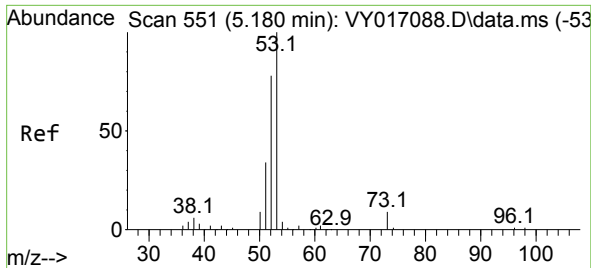
Ion Ratio Lower Upper

41 100

39 69.2 54.7 82.1

76 39.9 31.8 47.6

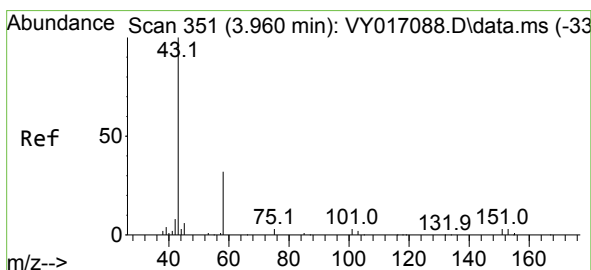
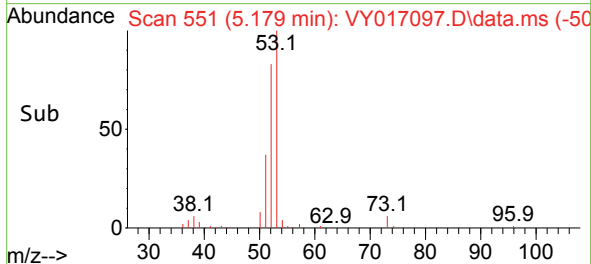
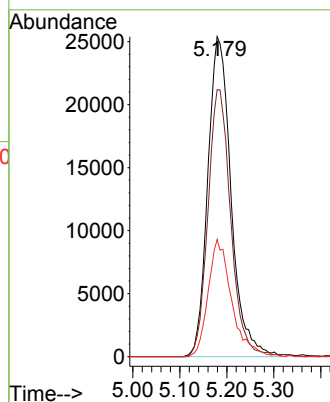
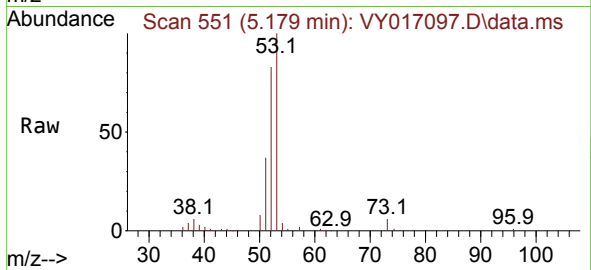




#15
Acrylonitrile
Concen: 257.622 ug/l
RT: 5.179 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017097.D
Acq: 24 Jan 2024 18:16

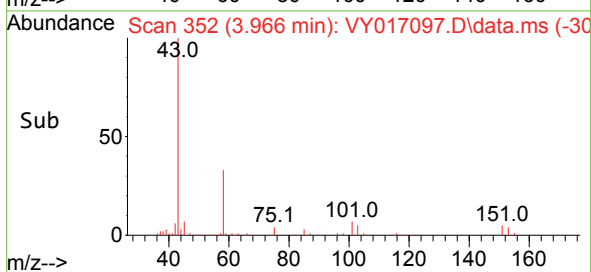
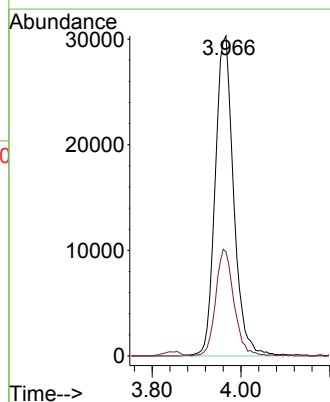
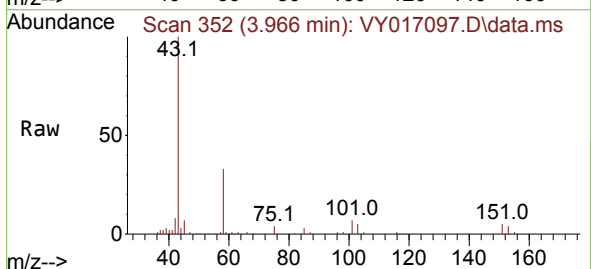
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY012424

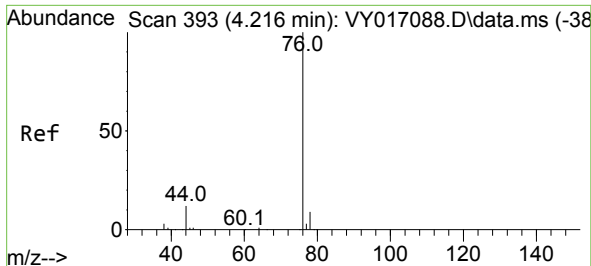
Tgt Ion: 53	Resp:	87215
Ion	Ratio	Lower Upper
53	100	
52	81.6	65.1 97.7
51	37.0	29.0 43.4



#16
Acetone
Concen: 244.583 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY017097.D
Acq: 24 Jan 2024 18:16

Tgt Ion: 43	Resp:	87036
Ion	Ratio	Lower Upper
43	100	
58	32.3	26.6 39.8





#17

Carbon Disulfide

Concen: 49.467 ug/l

RT: 4.216 min Scan# 393

Delta R.T. 0.006 min

Lab File: VY017097.D

Acq: 24 Jan 2024 18:16

Instrument :

MSVOA_Y

ClientSampleId :

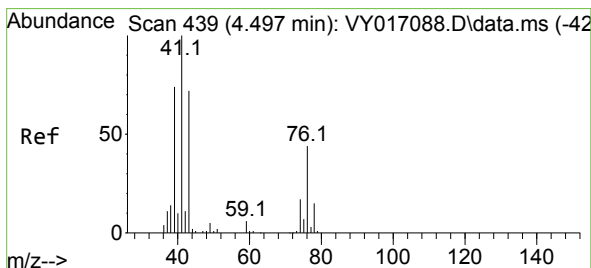
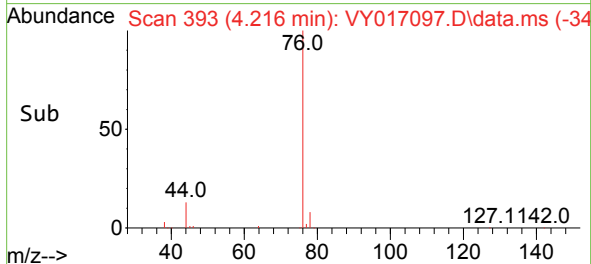
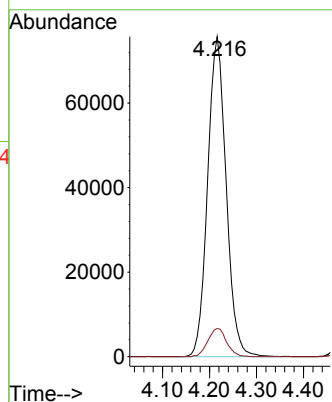
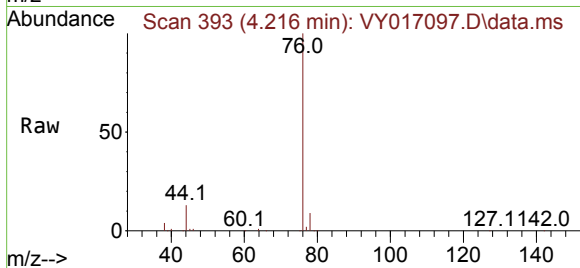
ICVY012424

Tgt Ion: 76 Resp: 206667

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.0



#18

Methyl Acetate

Concen: 55.047 ug/l

RT: 4.497 min Scan# 439

Delta R.T. -0.000 min

Lab File: VY017097.D

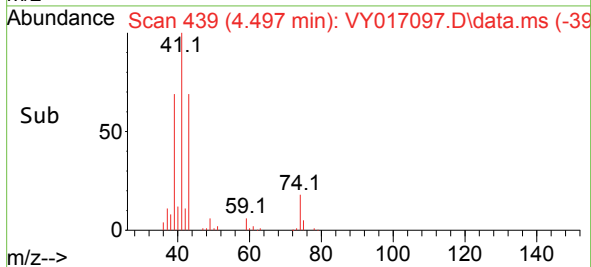
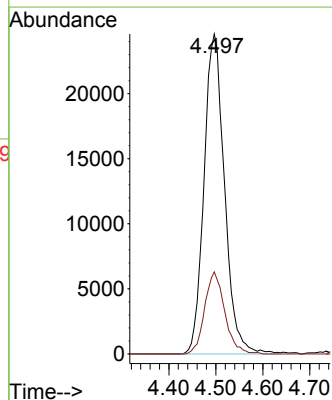
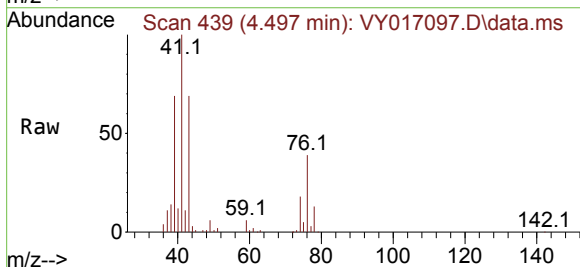
Acq: 24 Jan 2024 18:16

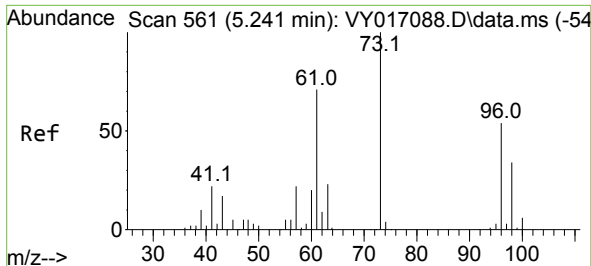
Tgt Ion: 43 Resp: 74487

Ion Ratio Lower Upper

43 100

74 25.1 19.8 29.6

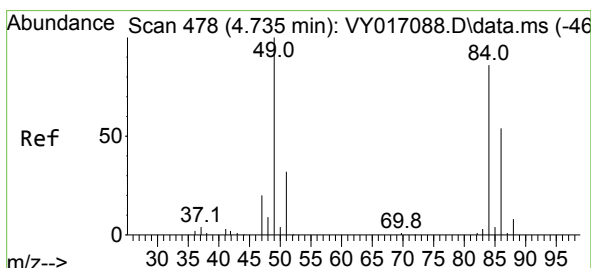
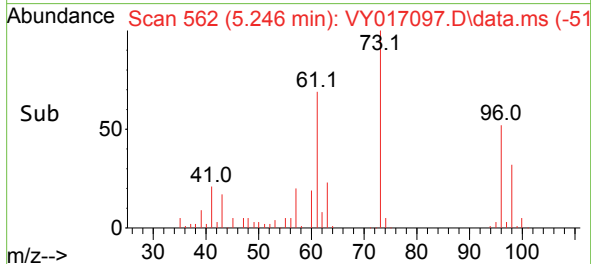
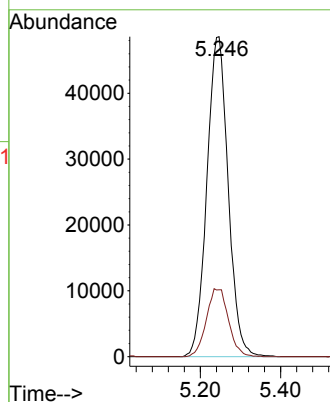
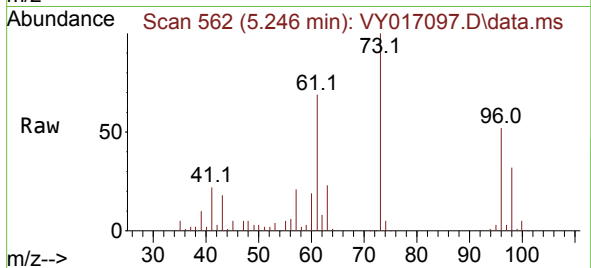




#19
Methyl tert-butyl Ether
Concen: 52.829 ug/l
RT: 5.246 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY017097.D
Acq: 24 Jan 2024 18:16

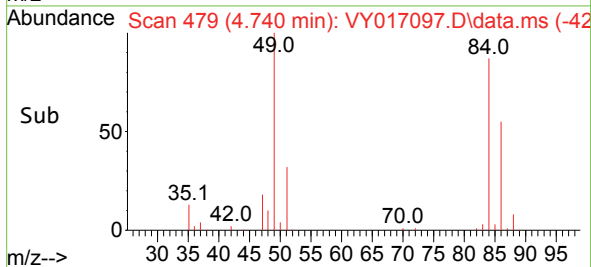
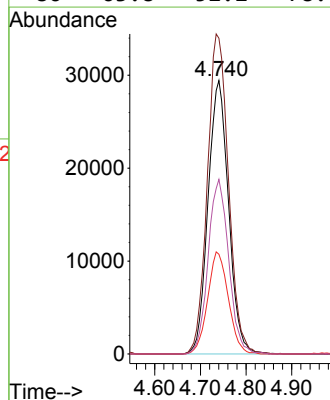
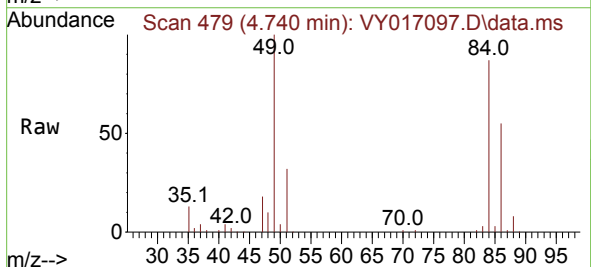
Instrument :
MSVOA_Y
ClientSampleId :
ICVY012424

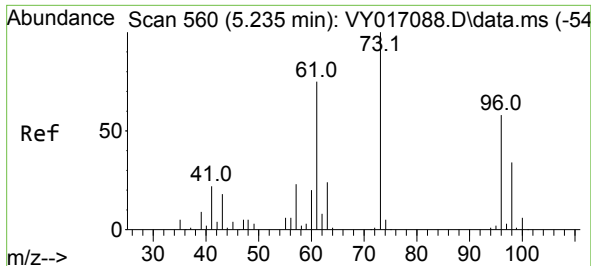
Tgt Ion: 73 Resp: 178702
Ion Ratio Lower Upper
73 100
57 20.9 17.7 26.5



#20
Methylene Chloride
Concen: 64.444 ug/l
RT: 4.740 min Scan# 479
Delta R.T. 0.006 min
Lab File: VY017097.D
Acq: 24 Jan 2024 18:16

Tgt Ion: 84 Resp: 91952
Ion Ratio Lower Upper
84 100
49 115.5 95.2 142.8
51 36.4 29.9 44.9
86 63.8 52.2 78.4

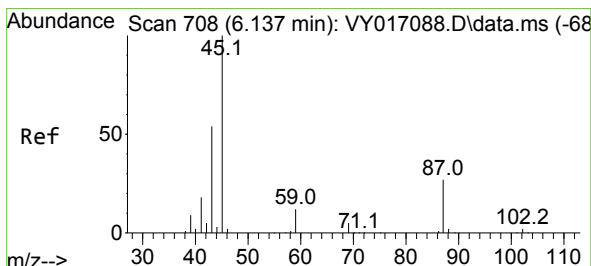
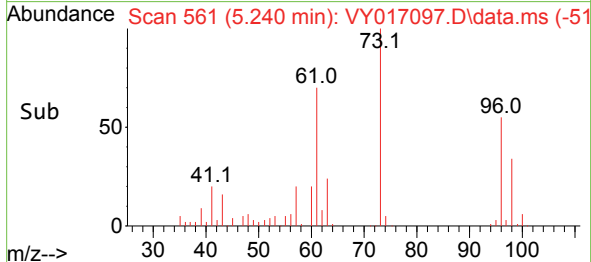
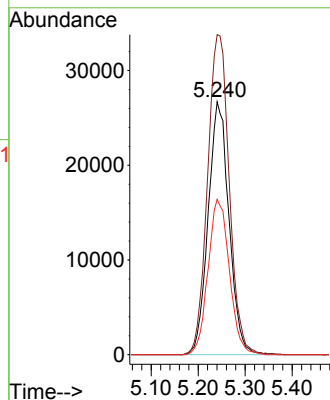
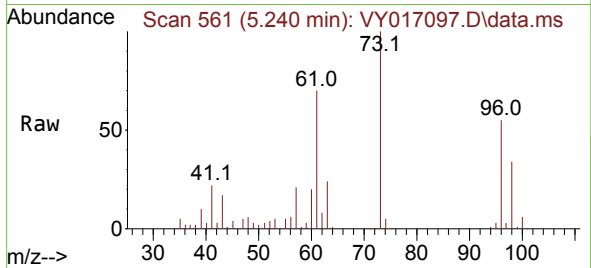




#21
trans-1,2-Dichloroethene
Concen: 51.323 ug/l
RT: 5.240 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017097.D
Acq: 24 Jan 2024 18:16

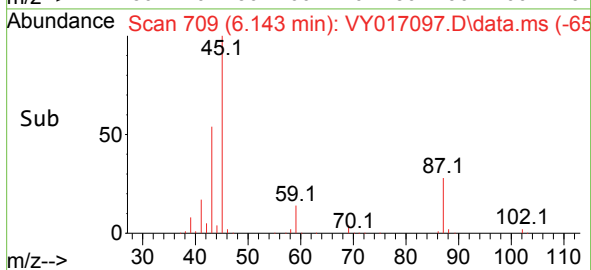
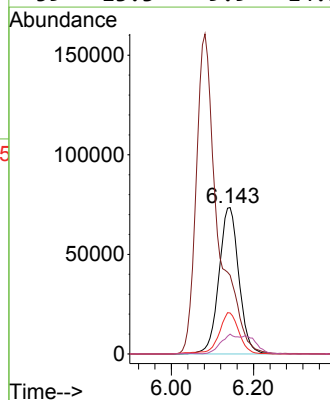
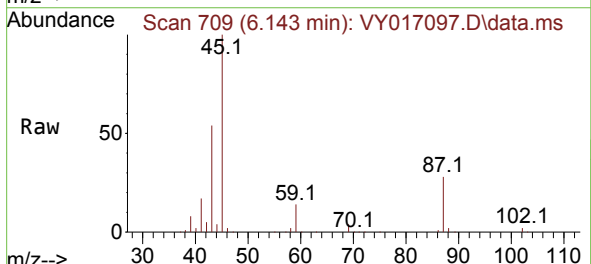
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY012424

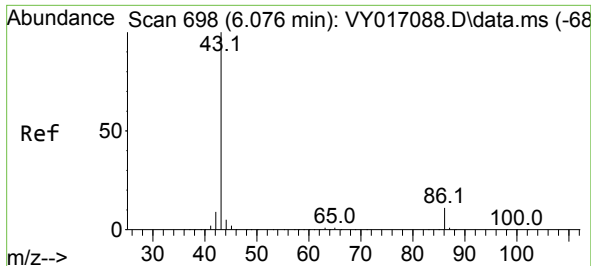
Tgt Ion: 96 Resp: 82290
Ion Ratio Lower Upper
96 100
61 126.5 104.6 156.8
98 61.4 50.9 76.3



#22
Diisopropyl ether
Concen: 53.392 ug/l
RT: 6.143 min Scan# 709
Delta R.T. 0.012 min
Lab File: VY017097.D
Acq: 24 Jan 2024 18:16

Tgt Ion: 45 Resp: 246929
Ion Ratio Lower Upper
45 100
43 53.3 46.8 70.2
87 27.9 22.2 33.2
59 13.3 9.9 14.9

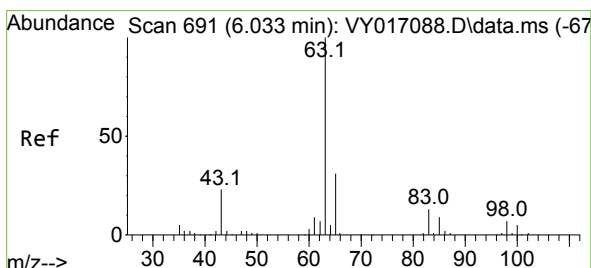
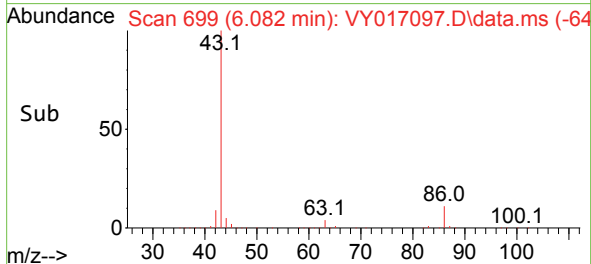
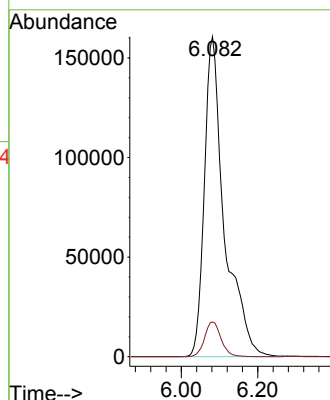
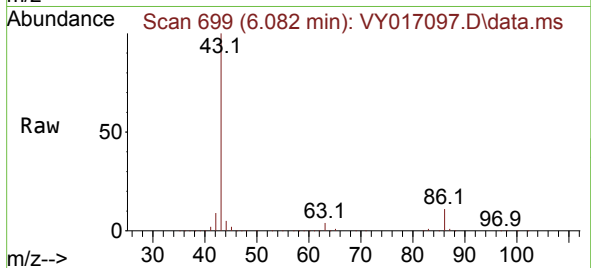




#23
Vinyl Acetate
Concen: 260.310 ug/l
RT: 6.082 min Scan# 699
Delta R.T. 0.006 min
Lab File: VY017097.D
Acq: 24 Jan 2024 18:16

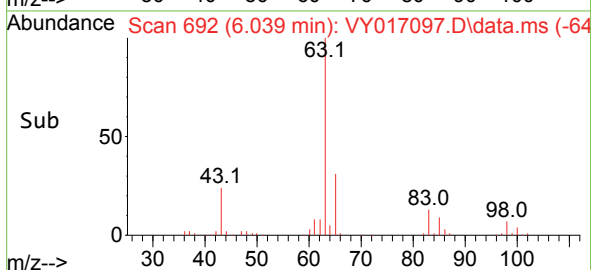
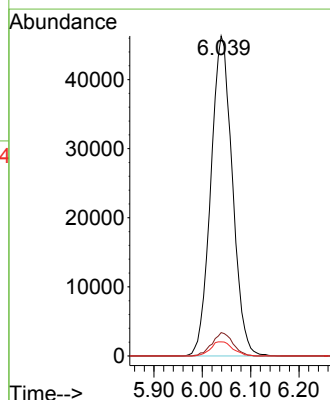
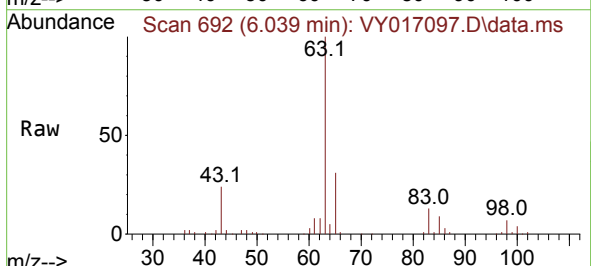
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY012424

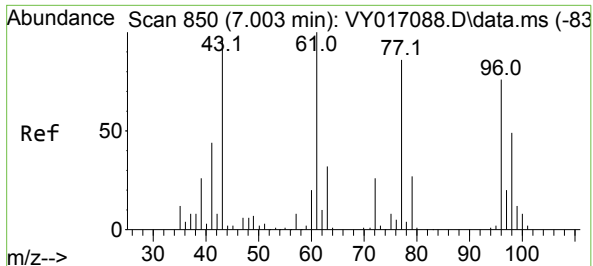
Tgt Ion: 43 Resp: 583979
Ion Ratio Lower Upper
43 100
86 10.9 8.6 13.0



#24
1,1-Dichloroethane
Concen: 50.757 ug/l
RT: 6.039 min Scan# 692
Delta R.T. 0.006 min
Lab File: VY017097.D
Acq: 24 Jan 2024 18:16

Tgt Ion: 63 Resp: 143179
Ion Ratio Lower Upper
63 100
98 7.3 3.8 11.4
100 4.4 2.1 6.2





#25

2-Butanone

Concen: 245.174 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY017097.D

Acq: 24 Jan 2024 18:16

Instrument :

MSVOA_Y

ClientSampleId :

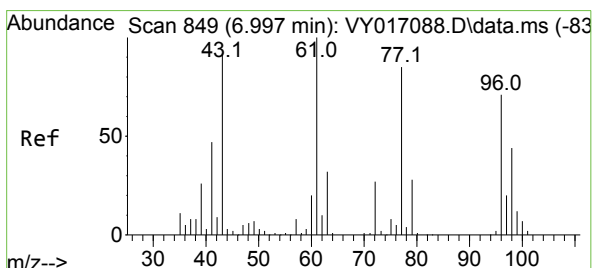
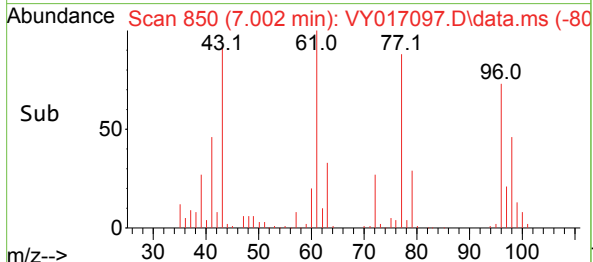
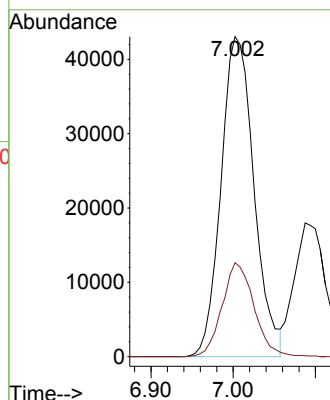
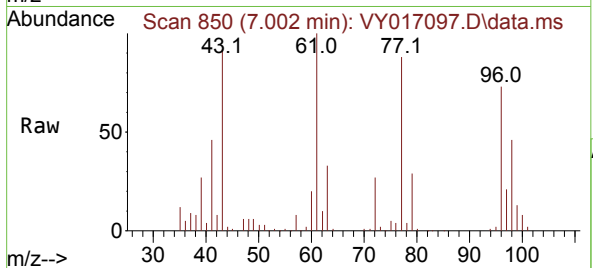
ICVY012424

Tgt Ion: 43 Resp: 120022

Ion Ratio Lower Upper

43 100

72 29.4 21.4 32.2



#26

2,2-Dichloropropane

Concen: 51.145 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY017097.D

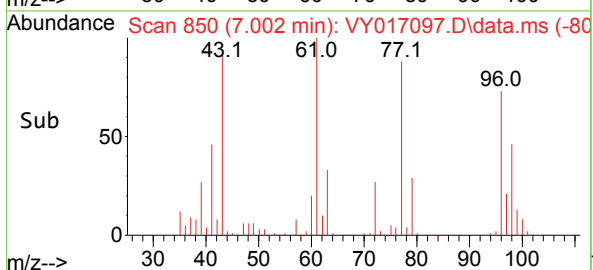
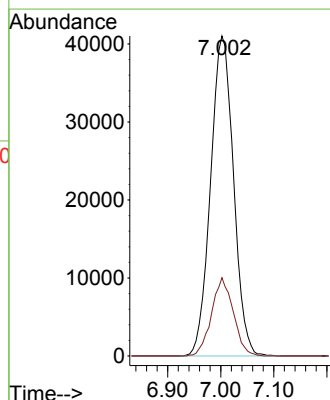
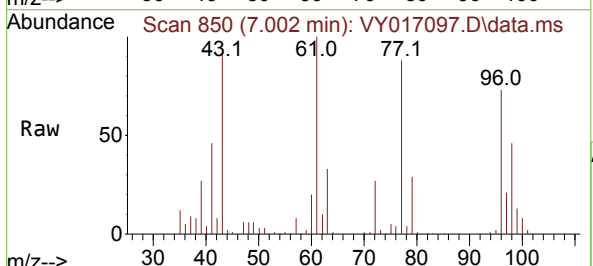
Acq: 24 Jan 2024 18:16

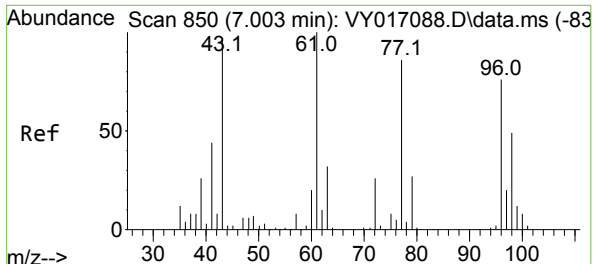
Tgt Ion: 77 Resp: 123225

Ion Ratio Lower Upper

77 100

97 23.2 11.7 35.0



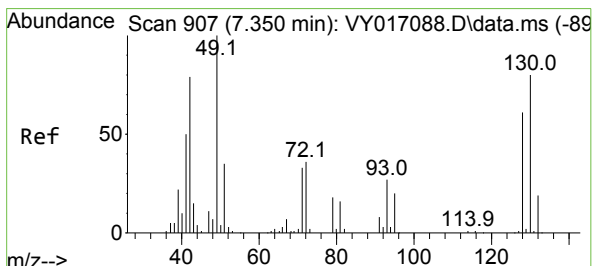
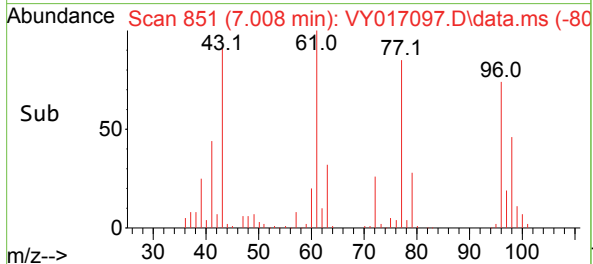
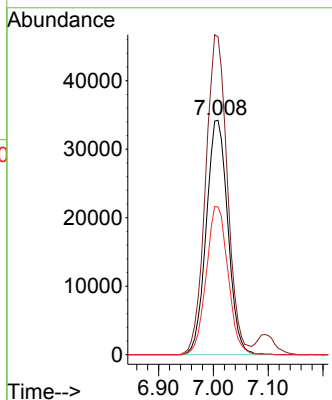
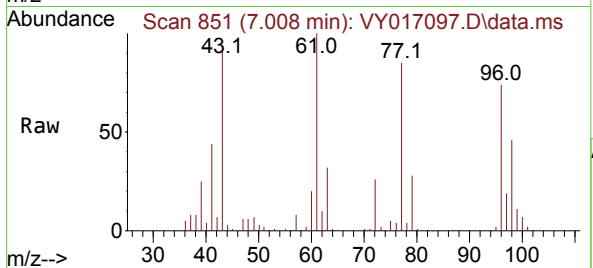


#27
 cis-1,2-Dichloroethene
 Concen: 52.706 ug/l
 RT: 7.008 min Scan# 851
 Delta R.T. 0.006 min
 Lab File: VY017097.D
 Acq: 24 Jan 2024 18:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY012424

Tgt Ion: 96 Resp: 93647

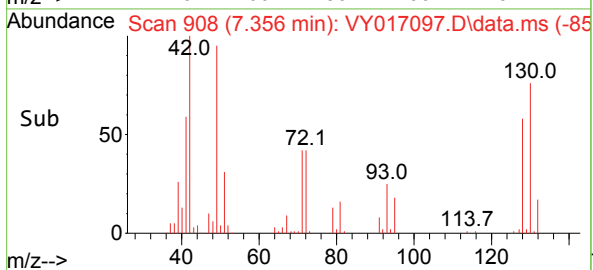
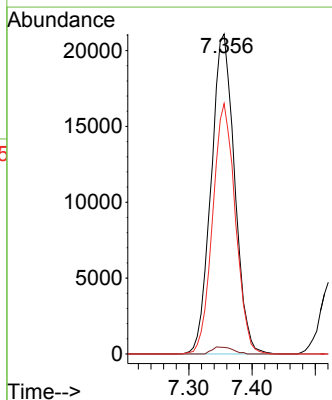
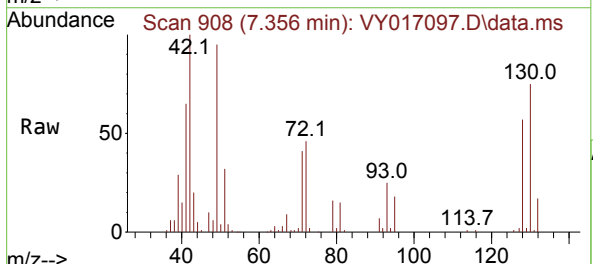
Ion	Ratio	Lower	Upper
96	100		
61	137.4	0.0	278.8
98	63.6	0.0	127.0

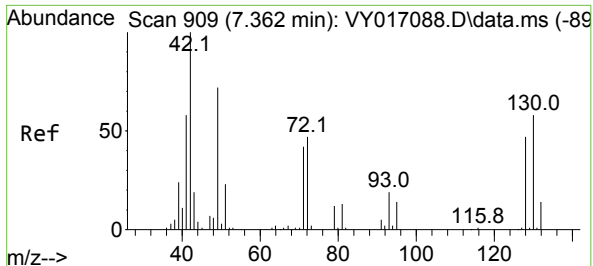


#28
 Bromochloromethane
 Concen: 48.350 ug/l
 RT: 7.356 min Scan# 908
 Delta R.T. 0.006 min
 Lab File: VY017097.D
 Acq: 24 Jan 2024 18:16

Tgt Ion: 49 Resp: 54298

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	75.8	59.8	89.8





#29

Tetrahydrofuran

Concen: 269.101 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY017097.D

Acq: 24 Jan 2024 18:16

Instrument :

MSVOA_Y

ClientSampleId :

ICVY012424

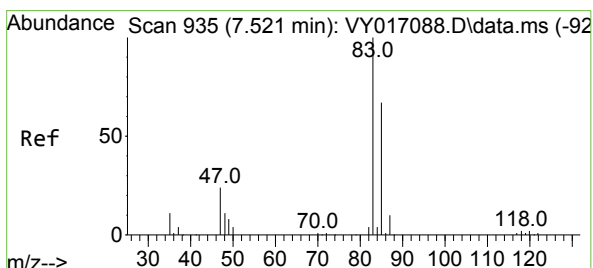
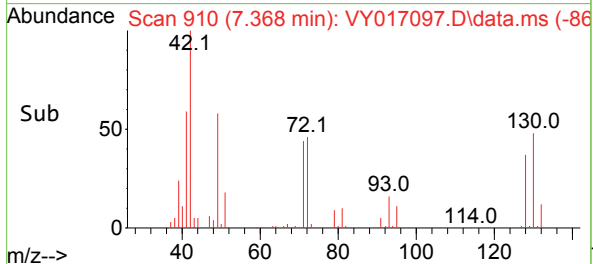
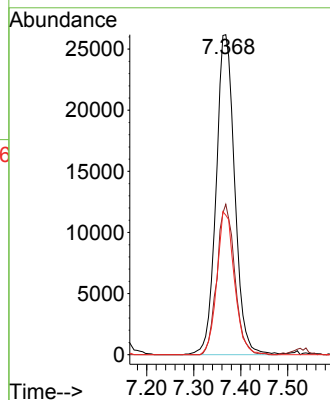
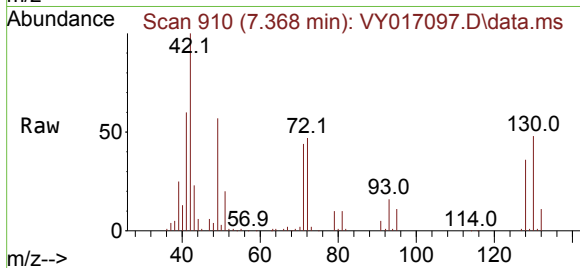
Tgt Ion: 42 Resp: 71977

Ion Ratio Lower Upper

42 100

72 45.0 36.6 54.8

71 42.3 33.8 50.6



#30

Chloroform

Concen: 51.658 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY017097.D

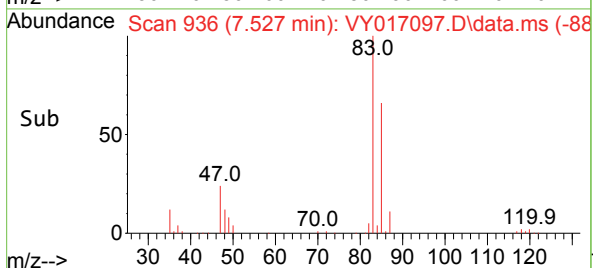
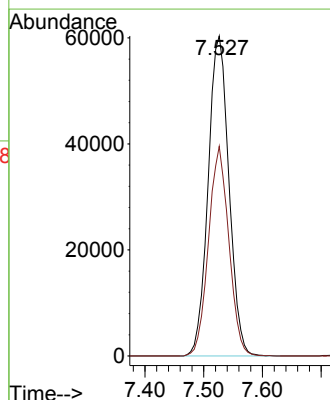
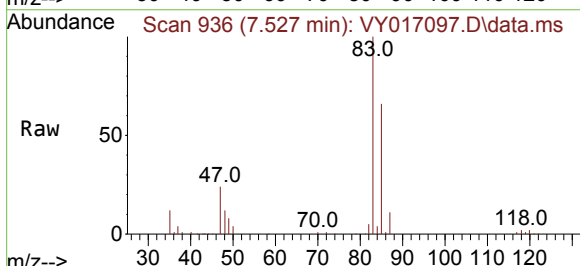
Acq: 24 Jan 2024 18:16

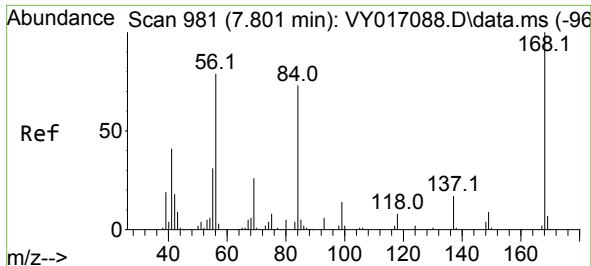
Tgt Ion: 83 Resp: 148384

Ion Ratio Lower Upper

83 100

85 65.5 51.2 76.8

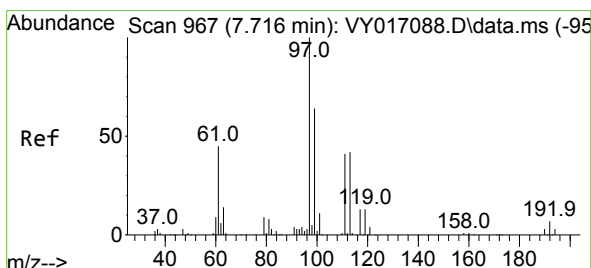
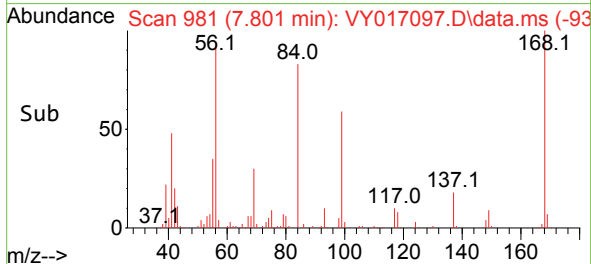
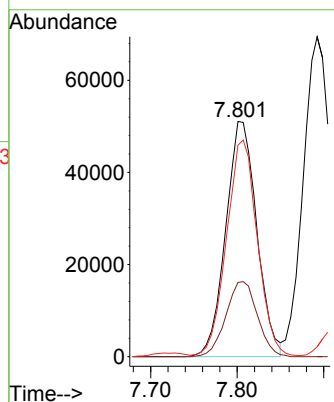
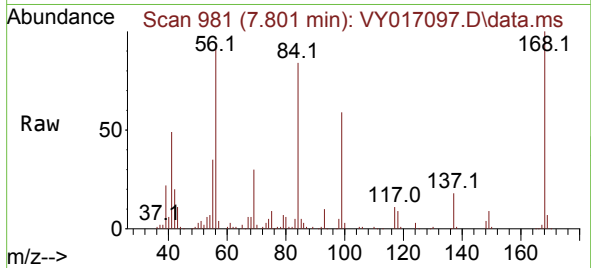




#31
Cyclohexane
Concen: 54.632 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY017097.D
Acq: 24 Jan 2024 18:16

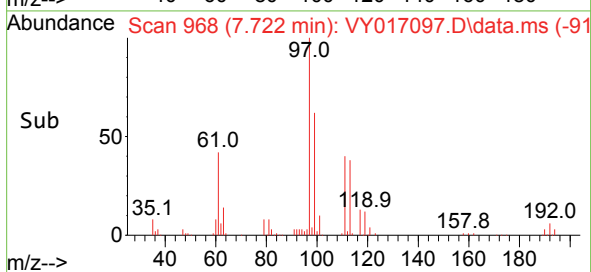
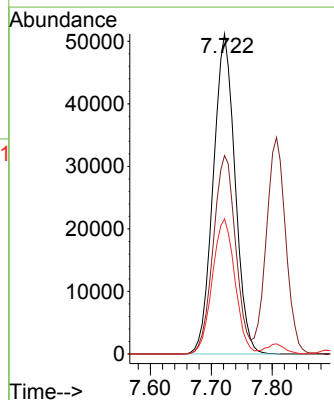
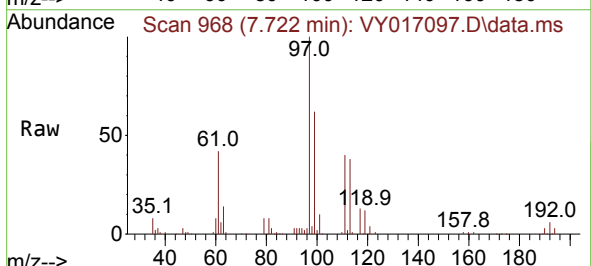
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY012424

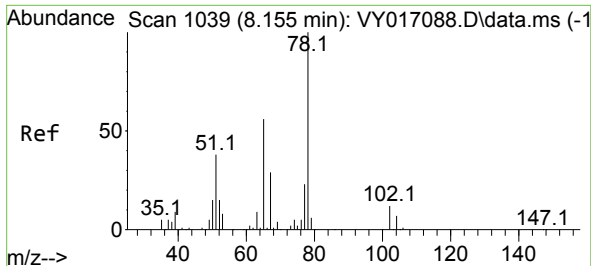
Tgt Ion: 56 Resp: 127166
Ion Ratio Lower Upper
56 100
69 31.6 27.0 40.6
84 88.6 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 51.708 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY017097.D
Acq: 24 Jan 2024 18:16

Tgt Ion: 97 Resp: 127361
Ion Ratio Lower Upper
97 100
99 63.7 51.2 76.8
61 43.8 35.0 52.6

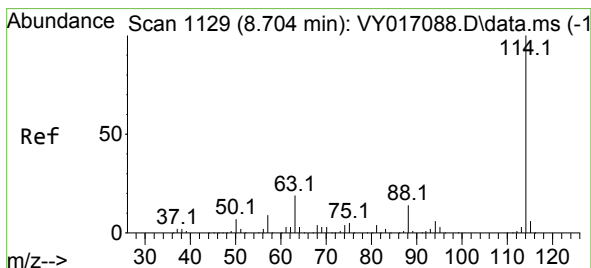
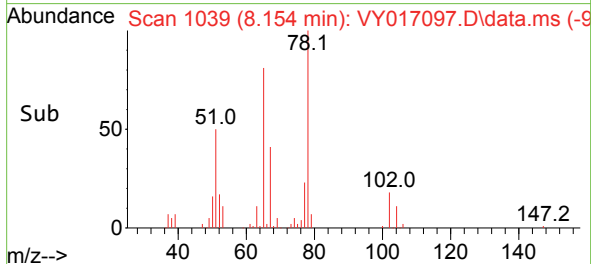
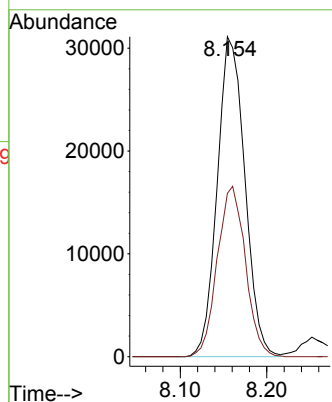
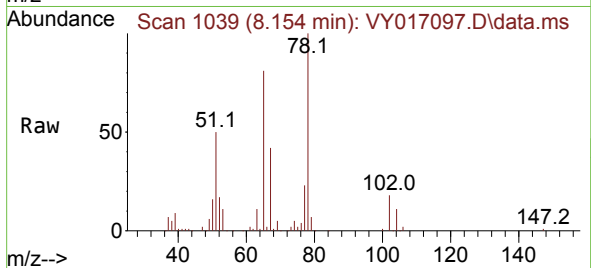




#33
1,2-Dichloroethane-d4
Concen: 52.210 ug/l
RT: 8.154 min Scan# 1039
Delta R.T. -0.001 min
Lab File: VY017097.D
Acq: 24 Jan 2024 18:16

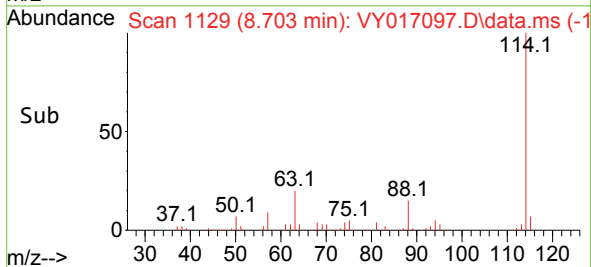
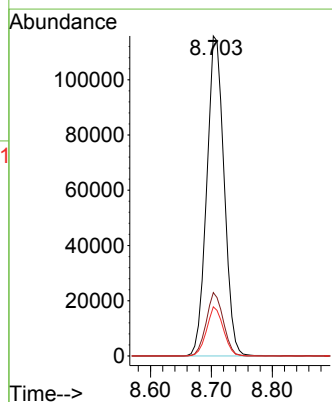
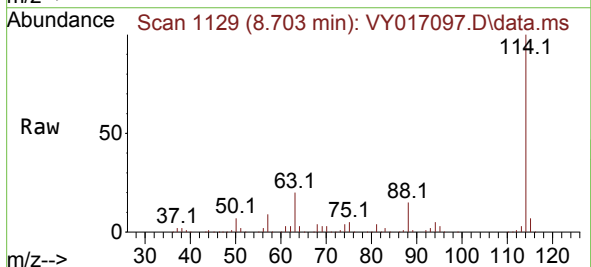
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY012424

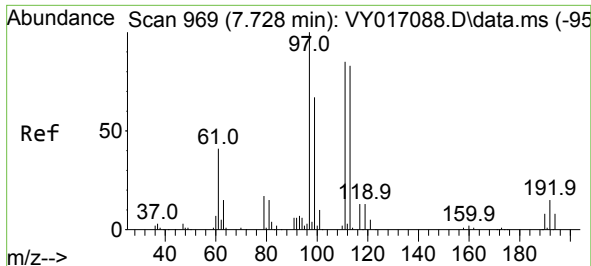
Tgt Ion: 65 Resp: 68868
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VY017097.D
Acq: 24 Jan 2024 18:16

Tgt Ion: 114 Resp: 228760
Ion Ratio Lower Upper
114 100
63 19.8 0.0 37.4
88 15.3 0.0 29.0

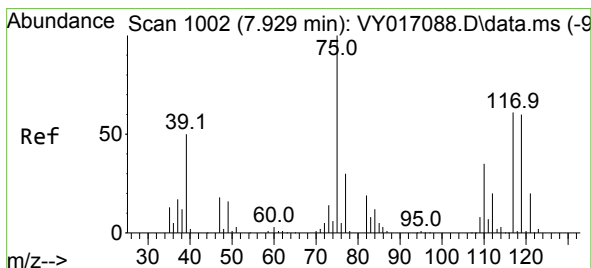
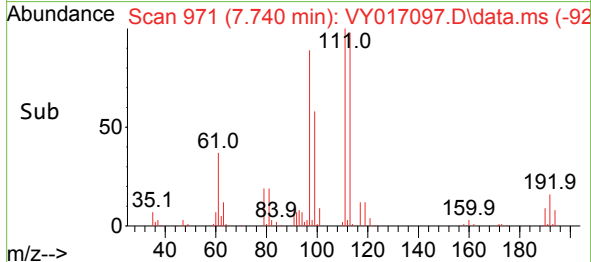
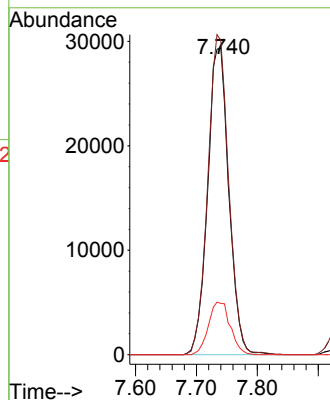
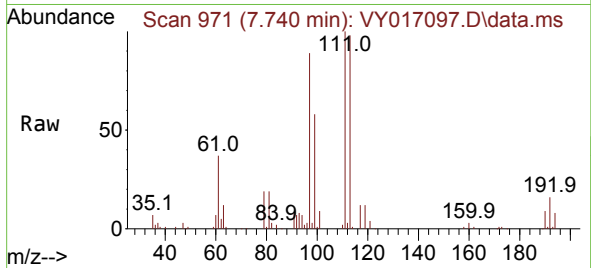




#35
Dibromofluoromethane
Concen: 51.441 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017097.D
Acq: 24 Jan 2024 18:16

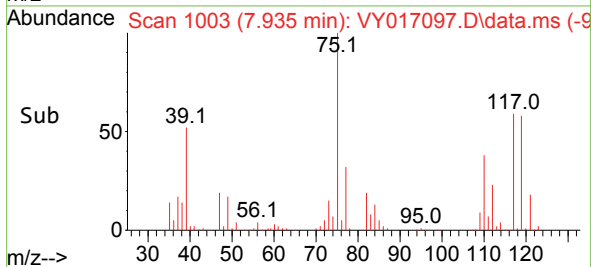
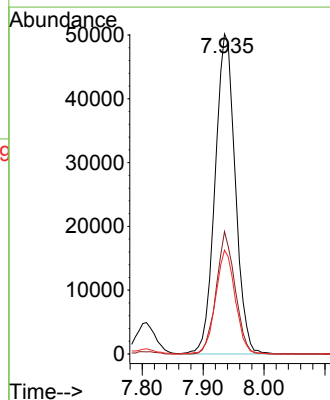
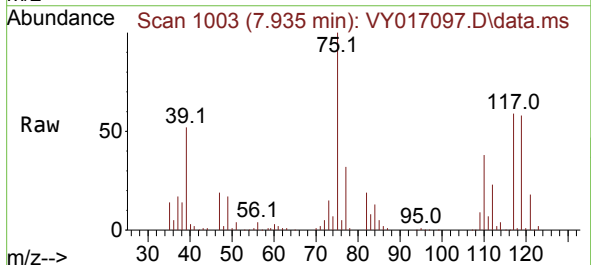
Instrument :
MSVOA_Y
ClientSampleId :
ICVY012424

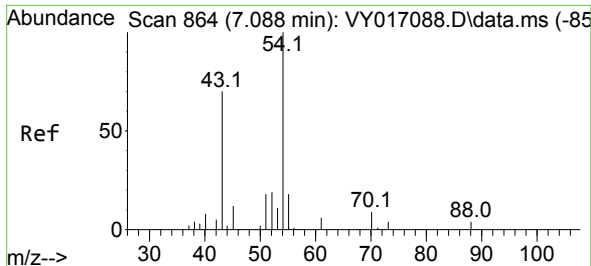
Tgt Ion:113 Resp: 71023
Ion Ratio Lower Upper
113 100
111 103.4 83.8 125.6
192 17.6 14.5 21.7



#36
1,1-Dichloropropene
Concen: 50.898 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY017097.D
Acq: 24 Jan 2024 18:16

Tgt Ion: 75 Resp: 115621
Ion Ratio Lower Upper
75 100
110 35.6 17.4 52.3
77 31.6 24.7 37.1





#37

Ethyl Acetate

Concen: 50.967 ug/l

RT: 7.088 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY017097.D

Acq: 24 Jan 2024 18:16

Instrument :

MSVOA_Y

ClientSampleId :

ICVY012424

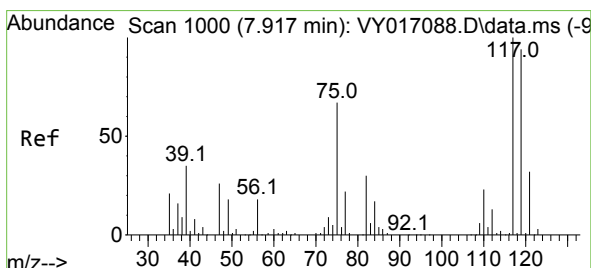
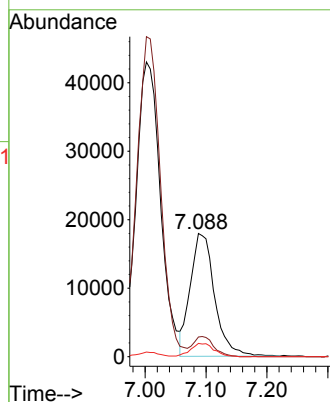
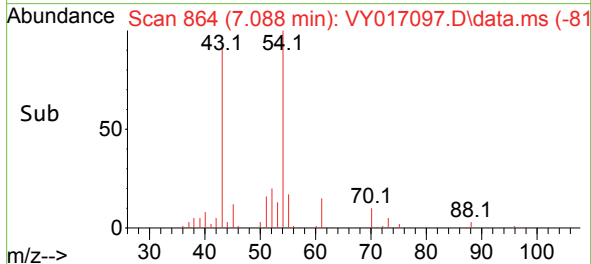
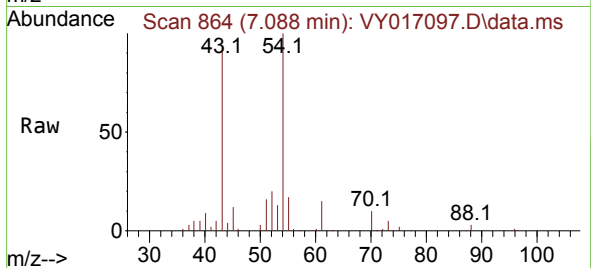
Tgt Ion: 43 Resp: 49783

Ion Ratio Lower Upper

43 100

61 13.8 11.0 16.6

70 10.4 8.1 12.1



#38

Carbon Tetrachloride

Concen: 49.753 ug/l

RT: 7.923 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY017097.D

Acq: 24 Jan 2024 18:16

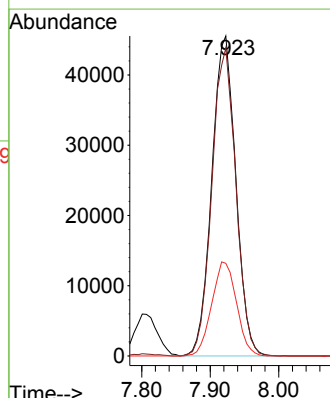
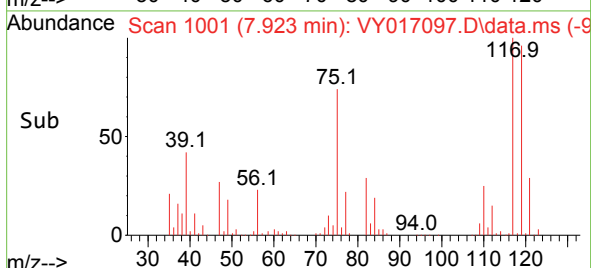
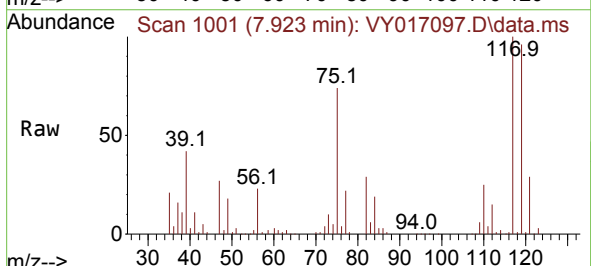
Tgt Ion: 117 Resp: 110757

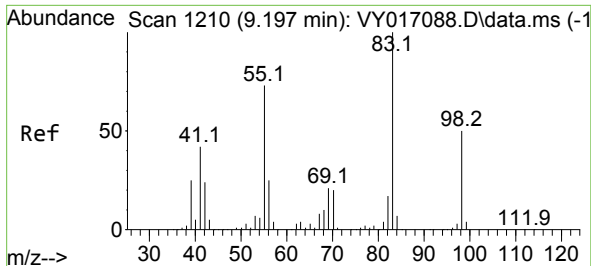
Ion Ratio Lower Upper

117 100

119 96.3 76.0 114.0

121 28.9 24.2 36.2





#39

Methylcyclohexane

Concen: 51.133 ug/l

RT: 9.203 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017097.D

Acq: 24 Jan 2024 18:16

Instrument :

MSVOA_Y

ClientSampleId :

ICVY012424

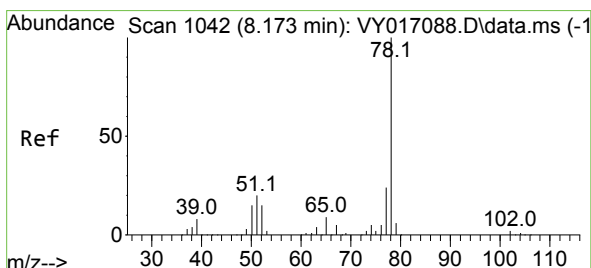
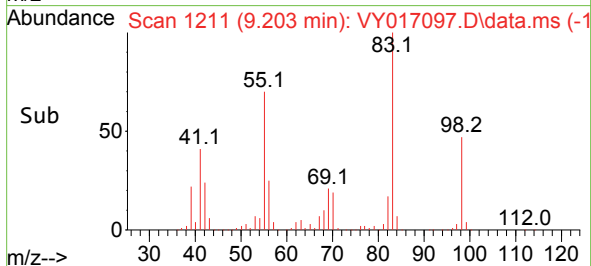
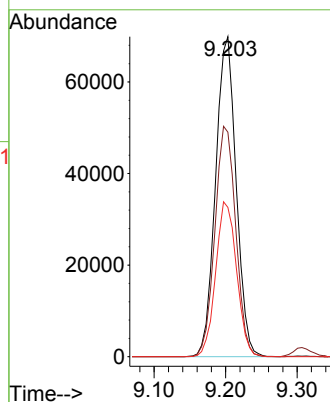
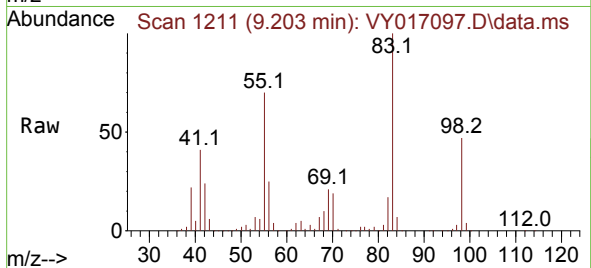
Tgt Ion: 83 Resp: 139707

Ion Ratio Lower Upper

83 100

55 70.1 59.7 89.5

98 46.7 38.0 57.0



#40

Benzene

Concen: 51.190 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY017097.D

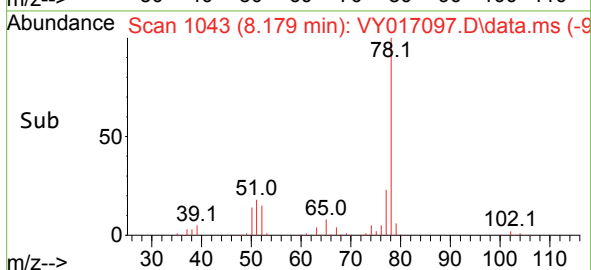
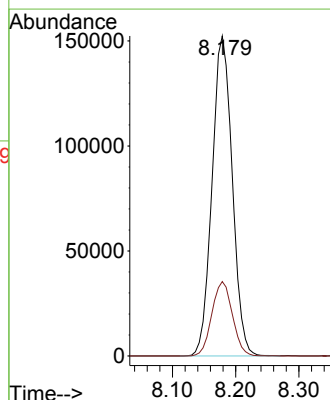
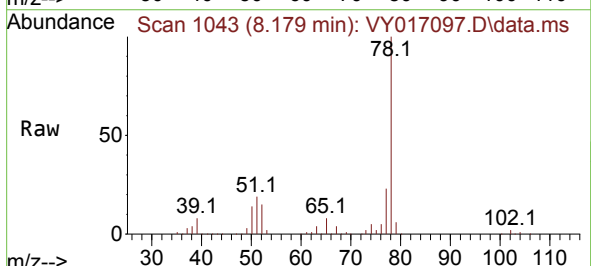
Acq: 24 Jan 2024 18:16

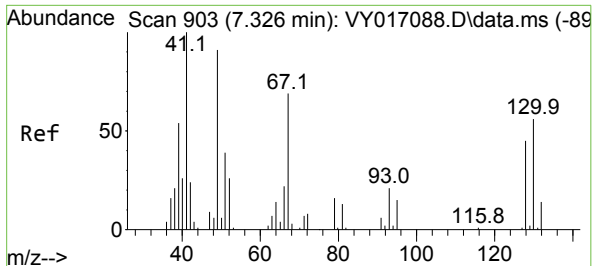
Tgt Ion: 78 Resp: 337706

Ion Ratio Lower Upper

78 100

77 23.3 18.8 28.2

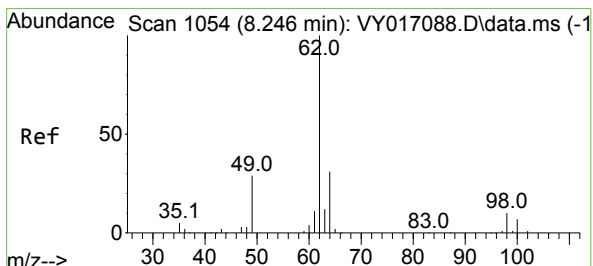
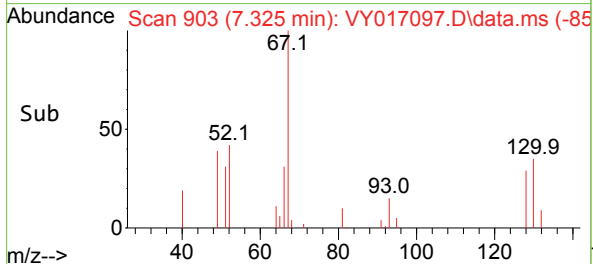
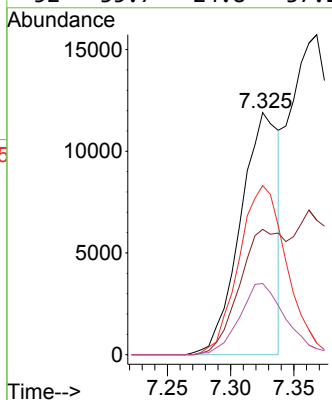
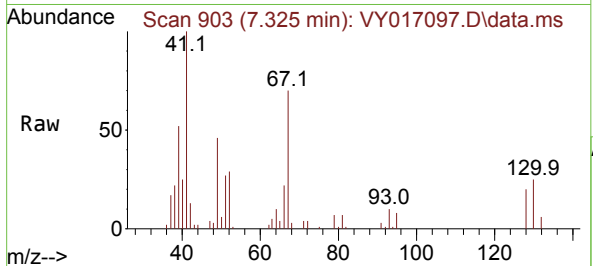




#41
Methacrylonitrile
Concen: 47.942 ug/l
RT: 7.325 min Scan# 903
Delta R.T. 0.006 min
Lab File: VY017097.D
Acq: 24 Jan 2024 18:16

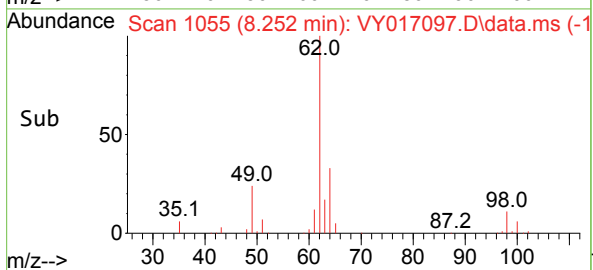
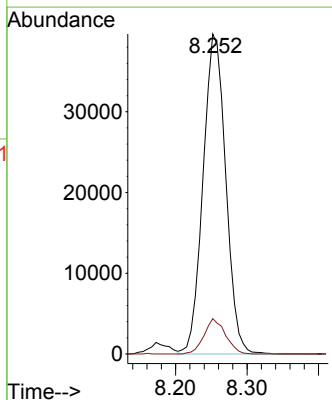
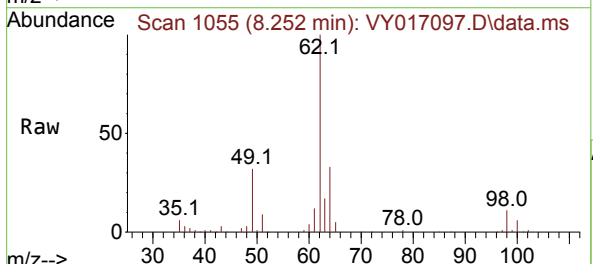
Instrument :
MSVOA_Y
ClientSampleId :
ICVY012424

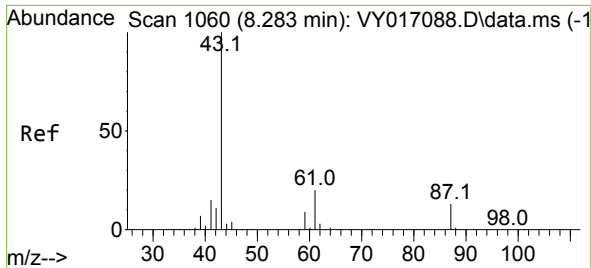
Tgt Ion: 41	Resp: 25045
Ion Ratio	Lower Upper
41 100	
39 61.4	41.9 62.9
67 87.8	59.8 89.6
52 35.7	24.8 37.2



#42
1,2-Dichloroethane
Concen: 51.153 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VY017097.D
Acq: 24 Jan 2024 18:16

Tgt Ion: 62	Resp: 87489
Ion Ratio	Lower Upper
62 100	
98 10.4	0.0 20.2





#43

Isopropyl Acetate

Concen: 52.344 ug/l

RT: 8.289 min Scan# 1060

Delta R.T. 0.006 min

Lab File: VY017097.D

Acq: 24 Jan 2024 18:16

Instrument :

MSVOA_Y

ClientSampleId :

ICVY012424

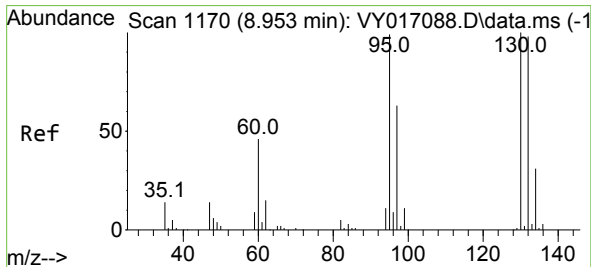
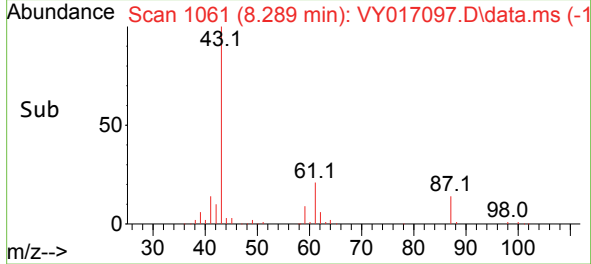
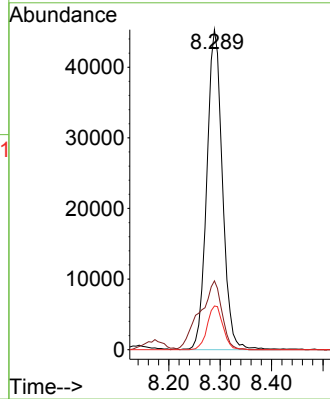
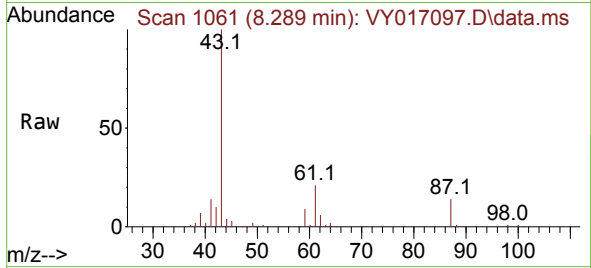
Tgt Ion: 43 Resp: 95449

Ion Ratio Lower Upper

43 100

61 30.5 24.8 37.2

87 13.8 10.7 16.1



#44

Trichloroethene

Concen: 51.050 ug/l

RT: 8.959 min Scan# 1171

Delta R.T. 0.012 min

Lab File: VY017097.D

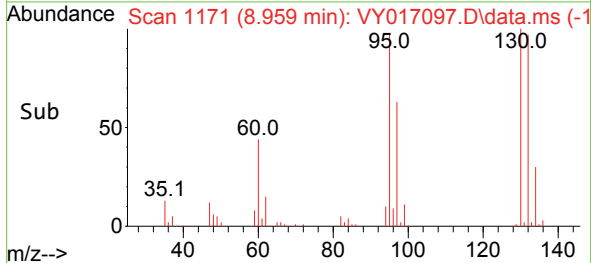
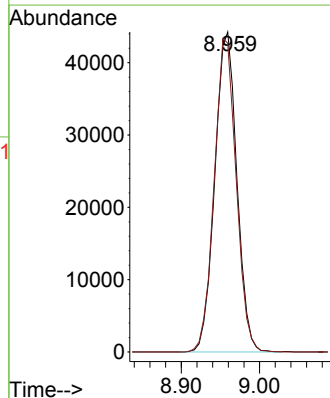
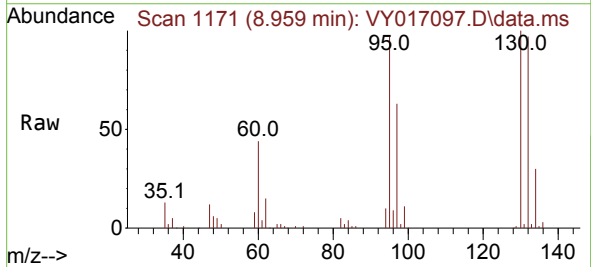
Acq: 24 Jan 2024 18:16

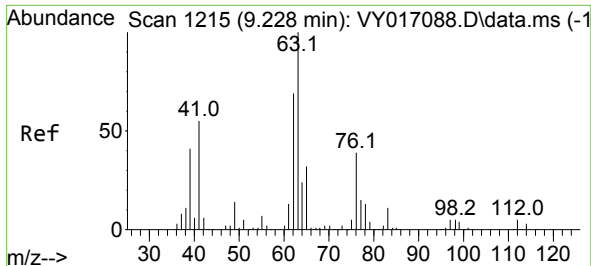
Tgt Ion:130 Resp: 86378

Ion Ratio Lower Upper

130 100

95 96.5 0.0 203.8

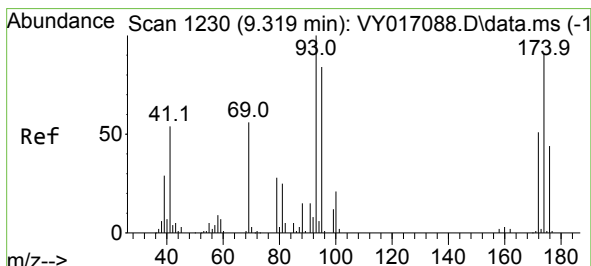
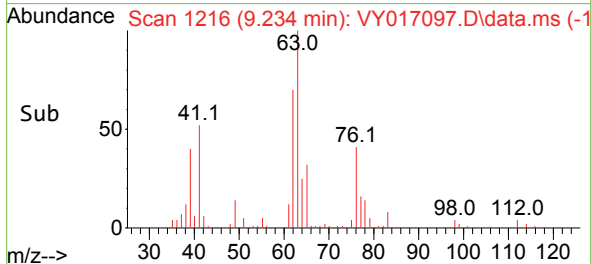
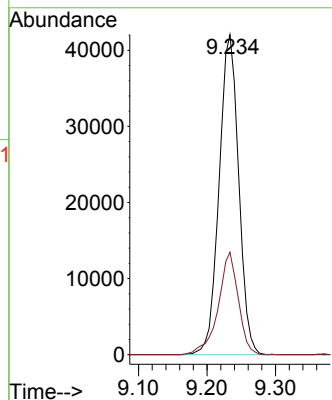
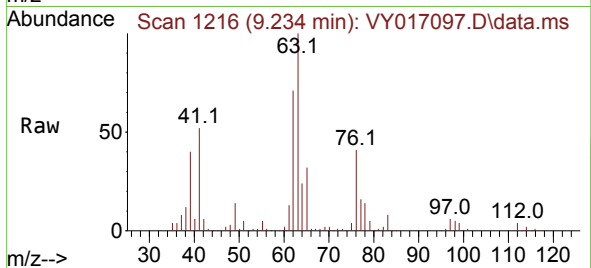




#45
1,2-Dichloropropane
Concen: 51.348 ug/l
RT: 9.234 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017097.D
Acq: 24 Jan 2024 18:16

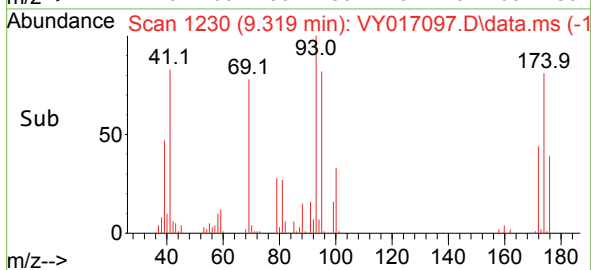
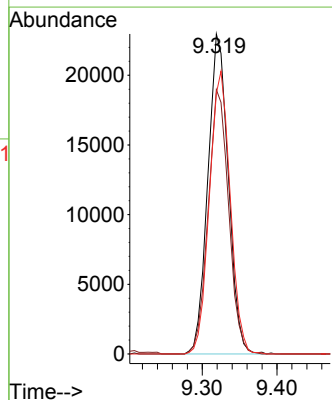
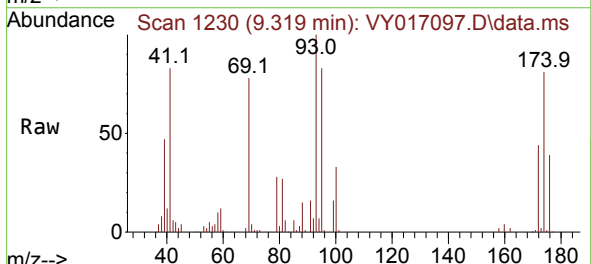
Instrument :
MSVOA_Y
ClientSampleId :
ICVY012424

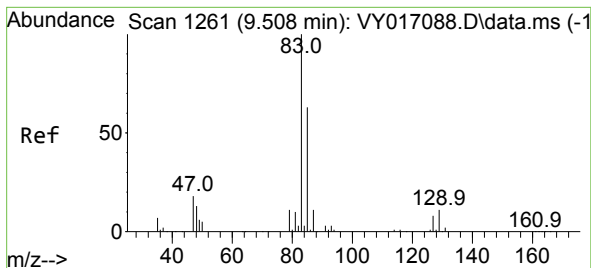
Tgt Ion: 63 Resp: 83144
Ion Ratio Lower Upper
63 100
65 32.0 24.6 36.8



#46
Dibromomethane
Concen: 50.723 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY017097.D
Acq: 24 Jan 2024 18:16

Tgt Ion: 93 Resp: 43619
Ion Ratio Lower Upper
93 100
95 82.8 66.6 99.8
174 89.7 73.8 110.6





#47

Bromodichloromethane

Concen: 51.785 ug/l

RT: 9.514 min Scan# 1262

Delta R.T. 0.006 min

Lab File: VY017097.D

Acq: 24 Jan 2024 18:16

Instrument :

MSVOA_Y

ClientSampleId :

ICVY012424

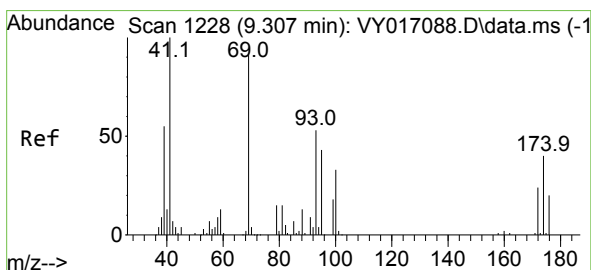
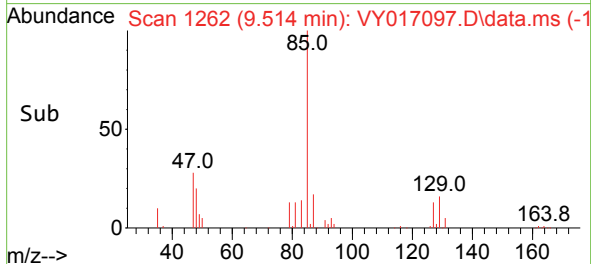
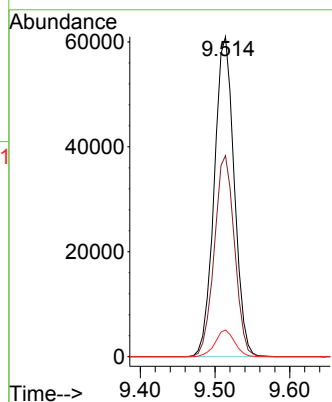
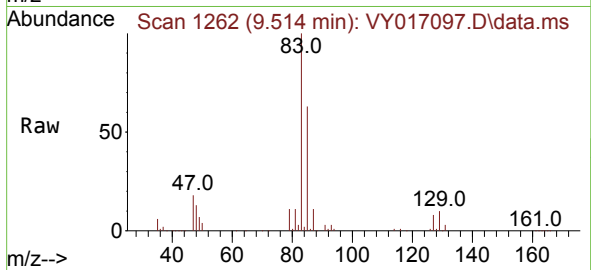
Tgt Ion: 83 Resp: 113291

Ion Ratio Lower Upper

83 100

85 62.8 53.2 79.8

127 8.3 6.4 9.6



#48

Methyl methacrylate

Concen: 53.807 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY017097.D

Acq: 24 Jan 2024 18:16

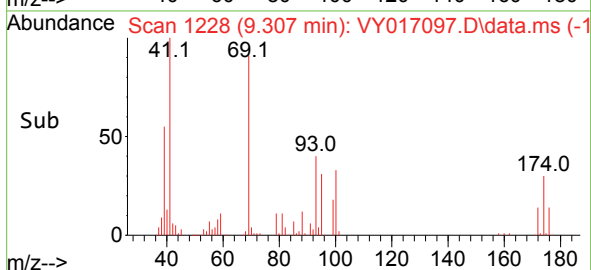
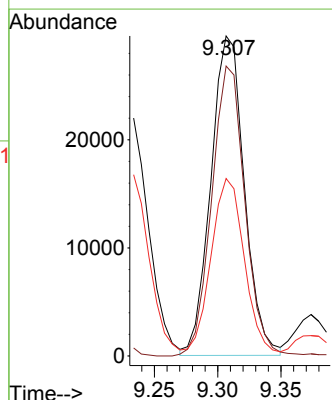
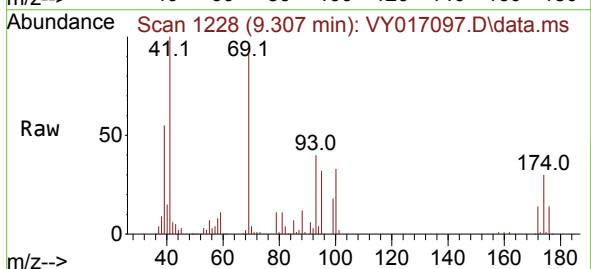
Tgt Ion: 41 Resp: 54477

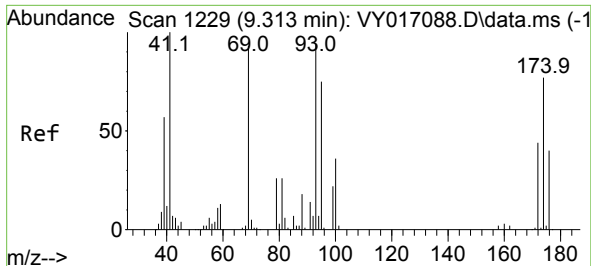
Ion Ratio Lower Upper

41 100

69 90.3 72.1 108.1

39 53.0 42.8 64.2





#49

1,4-Dioxane

Concen: 1094.986 ug/l

RT: 9.313 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017097.D

Acq: 24 Jan 2024 18:16

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY012424

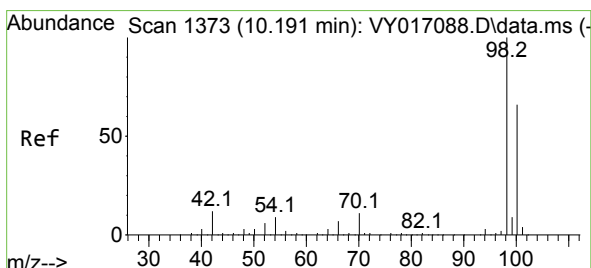
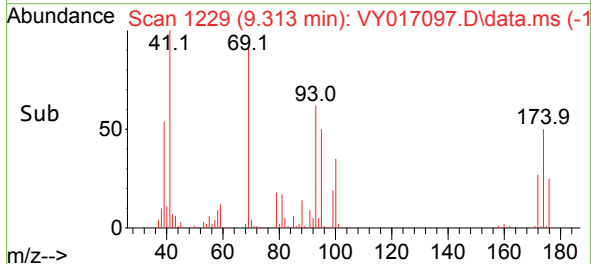
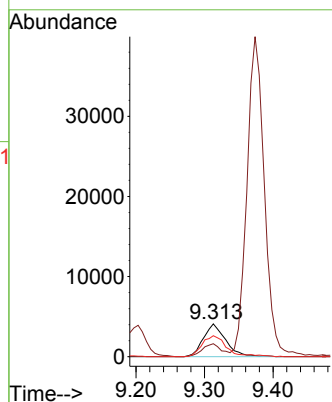
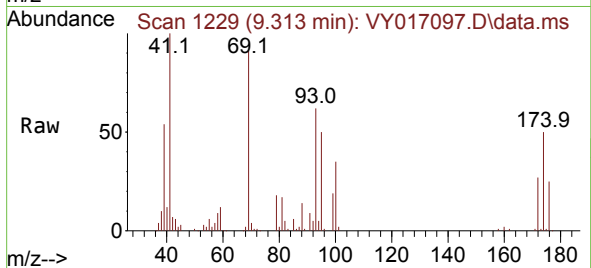
Tgt Ion: 88 Resp: 9261

Ion Ratio Lower Upper

88 100

43 34.9 28.2 42.4

58 70.8 52.2 78.2



#50

Toluene-d8

Concen: 51.635 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY017097.D

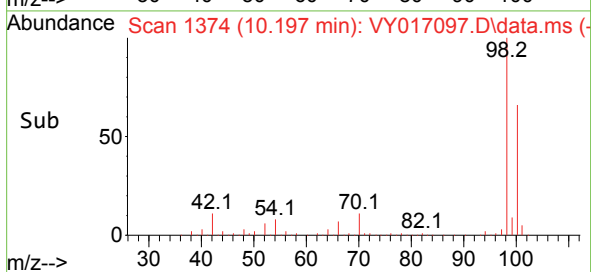
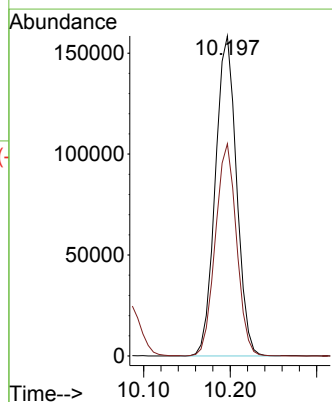
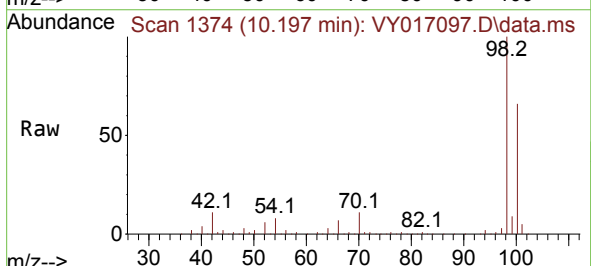
Acq: 24 Jan 2024 18:16

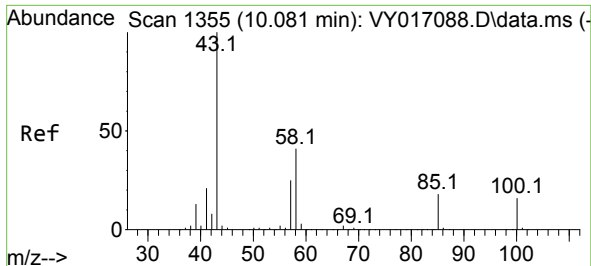
Tgt Ion: 98 Resp: 269264

Ion Ratio Lower Upper

98 100

100 66.3 52.3 78.5

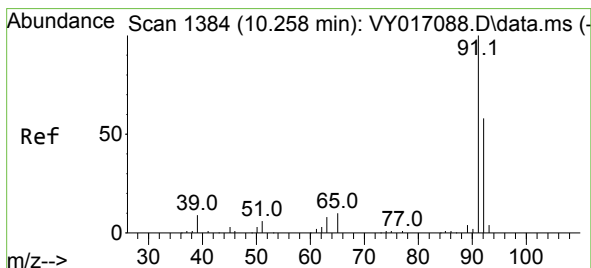
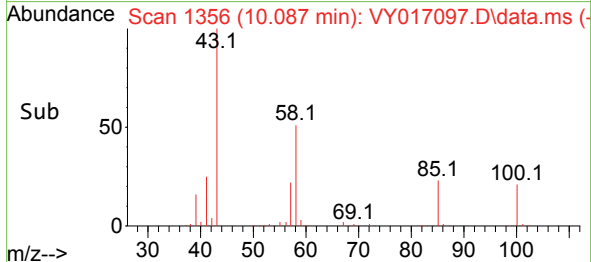
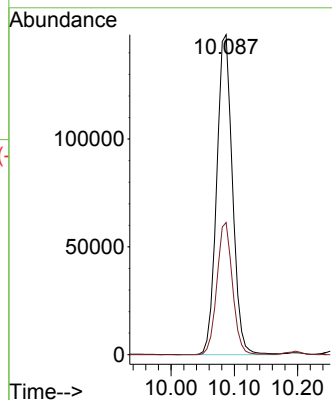
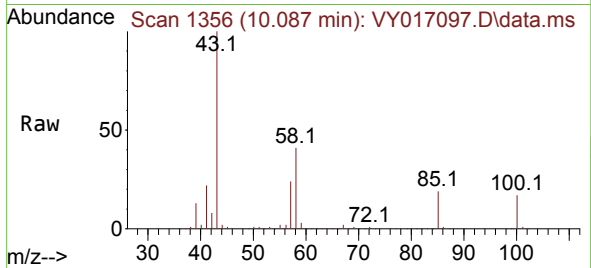




#51
4-Methyl-2-Pentanone
Concen: 264.702 ug/l
RT: 10.087 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY017097.D
Acq: 24 Jan 2024 18:16

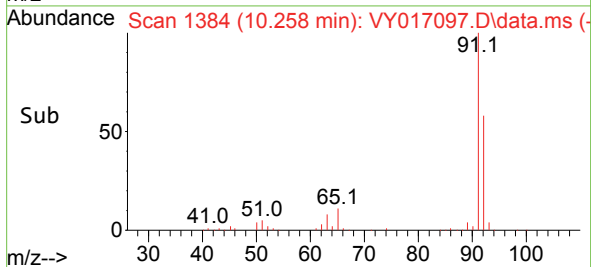
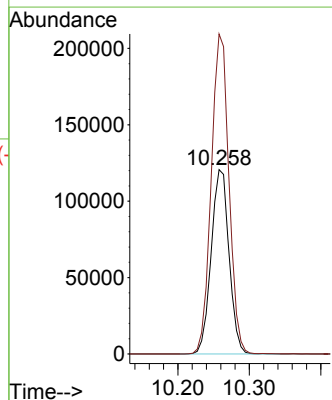
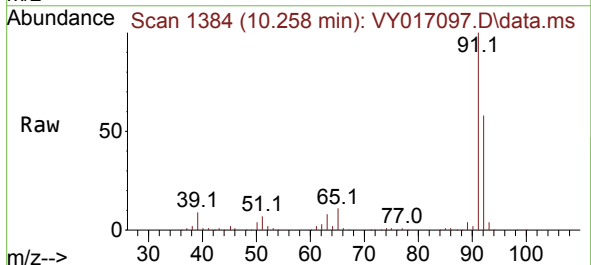
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY012424

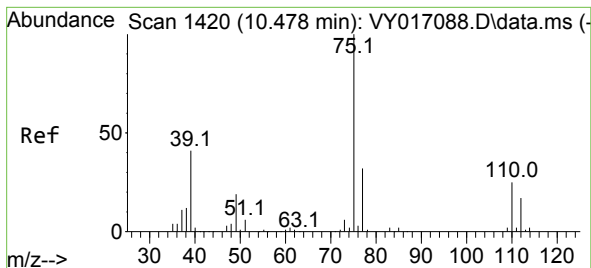
Tgt Ion: 43 Resp: 256761
Ion Ratio Lower Upper
43 100
58 40.8 32.2 48.2



#52
Toluene
Concen: 52.330 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY017097.D
Acq: 24 Jan 2024 18:16

Tgt Ion: 92 Resp: 208953
Ion Ratio Lower Upper
92 100
91 172.3 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 53.339 ug/l

RT: 10.477 min Scan# 1420

Delta R.T. 0.006 min

Lab File: VY017097.D

Acq: 24 Jan 2024 18:16

Instrument :

MSVOA_Y

ClientSampleId :

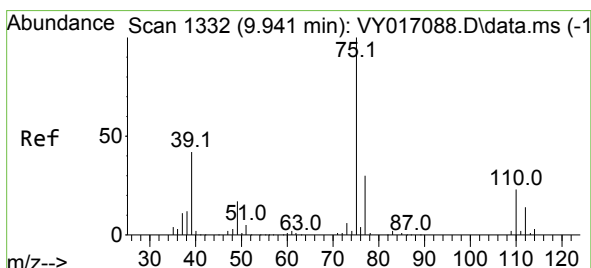
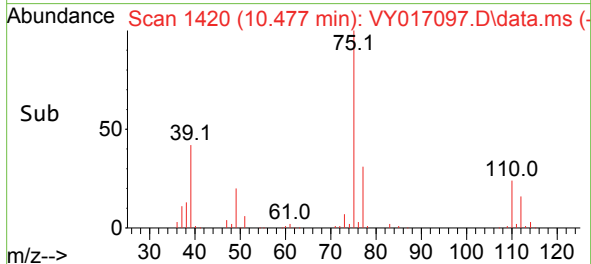
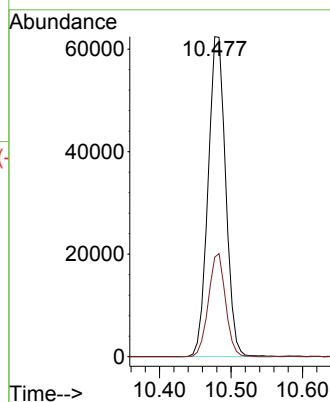
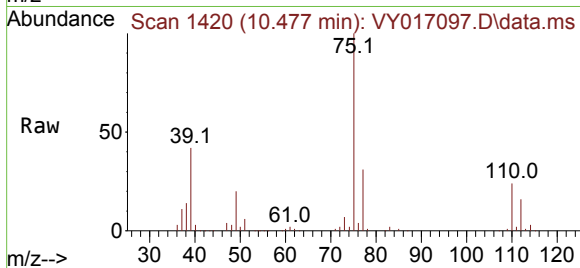
ICVVY012424

Tgt Ion: 75 Resp: 106600

Ion Ratio Lower Upper

75 100

77 31.1 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 51.999 ug/l

RT: 9.947 min Scan# 1333

Delta R.T. 0.006 min

Lab File: VY017097.D

Acq: 24 Jan 2024 18:16

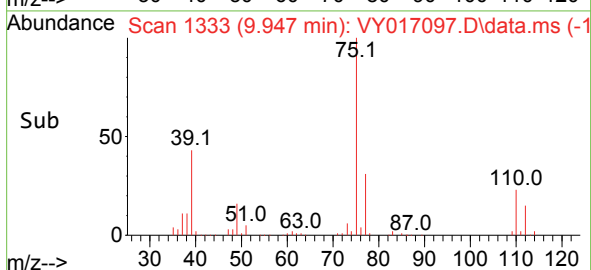
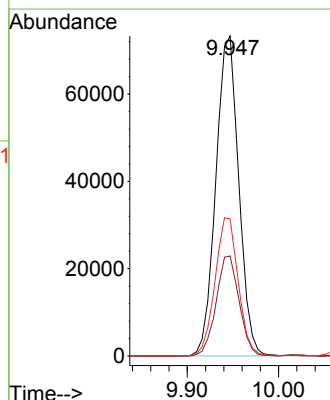
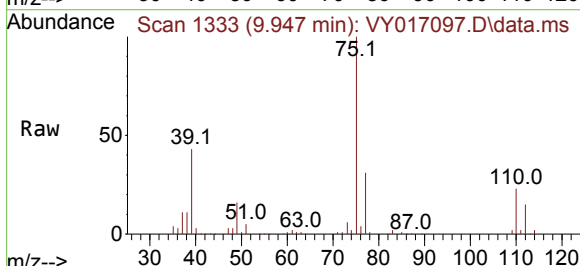
Tgt Ion: 75 Resp: 127815

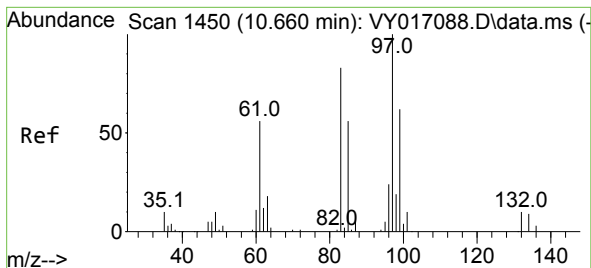
Ion Ratio Lower Upper

75 100

77 31.2 24.6 36.8

39 42.7 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 50.836 ug/l

RT: 10.660 min Scan# 1450

Delta R.T. 0.006 min

Lab File: VY017097.D

Acq: 24 Jan 2024 18:16

Instrument :

MSVOA_Y

ClientSampleId :

ICVY012424

Tgt Ion: 97 Resp: 61099

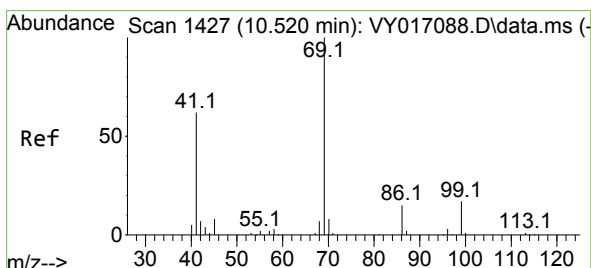
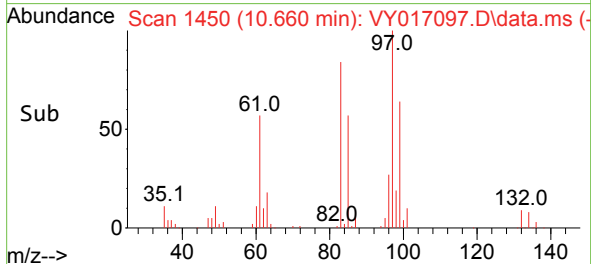
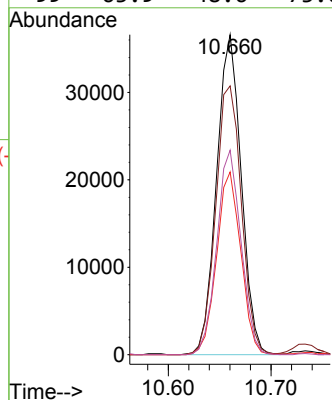
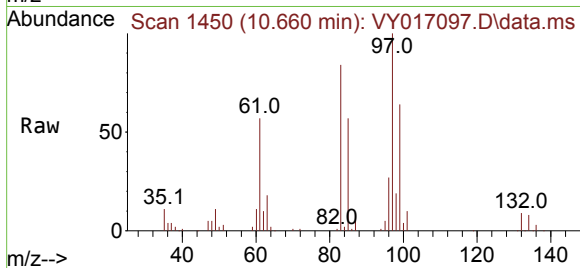
Ion Ratio Lower Upper

97 100

83 84.0 69.4 104.2

85 57.1 43.9 65.9

99 63.9 48.6 73.0



#56

Ethyl methacrylate

Concen: 55.444 ug/l

RT: 10.526 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VY017097.D

Acq: 24 Jan 2024 18:16

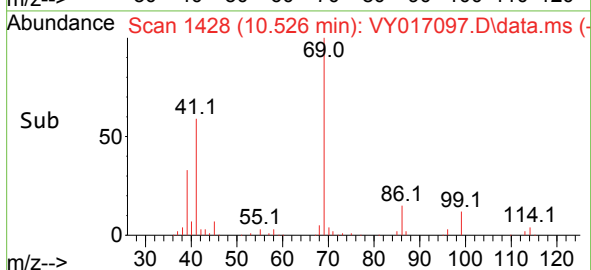
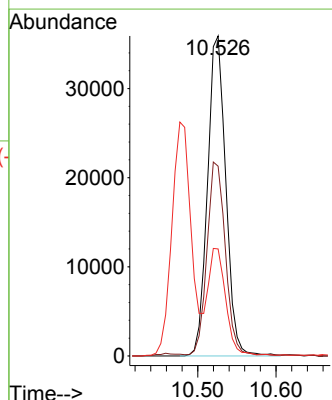
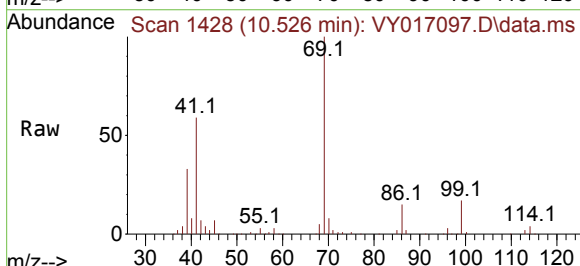
Tgt Ion: 69 Resp: 58273

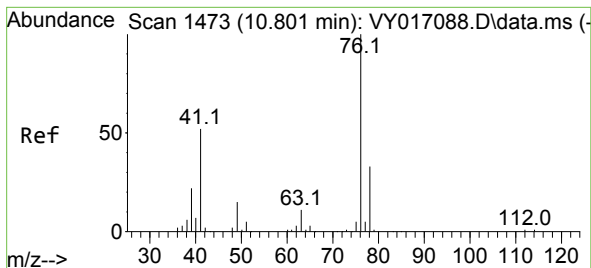
Ion Ratio Lower Upper

69 100

41 60.5 49.2 73.8

39 31.0 26.8 40.2





#57

1,3-Dichloropropane

Concen: 51.933 ug/l

RT: 10.806 min Scan# 1473

Delta R.T. 0.006 min

Lab File: VY017097.D

Acq: 24 Jan 2024 18:16

Instrument :

MSVOA_Y

ClientSampleId :

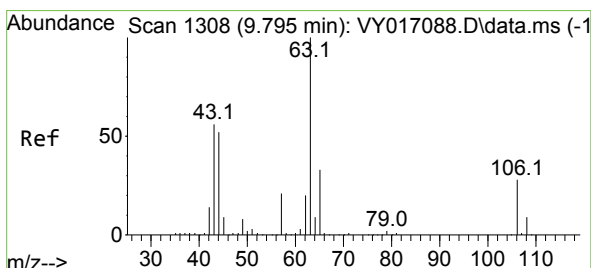
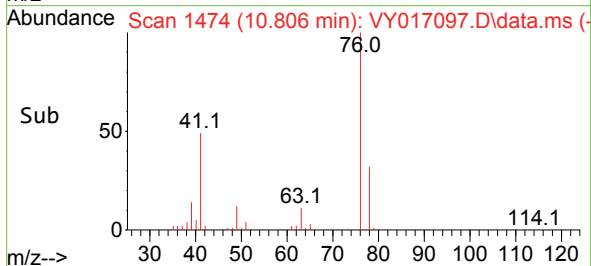
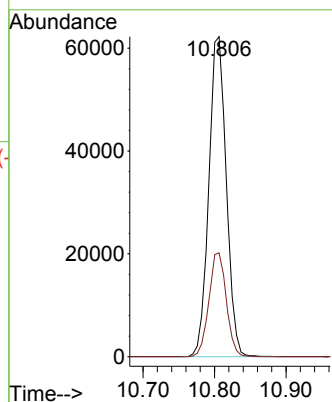
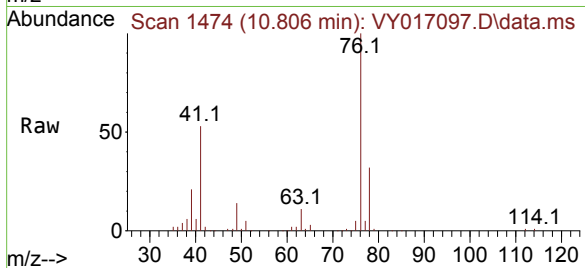
ICVVY012424

Tgt Ion: 76 Resp: 105528

Ion Ratio Lower Upper

76 100

78 32.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 270.440 ug/l

RT: 9.794 min Scan# 1308

Delta R.T. 0.006 min

Lab File: VY017097.D

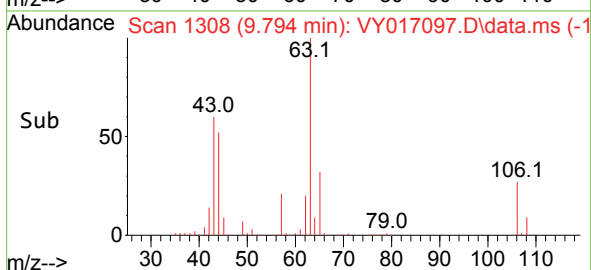
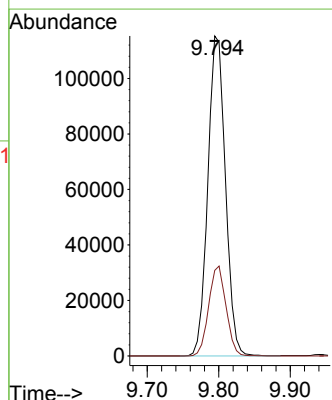
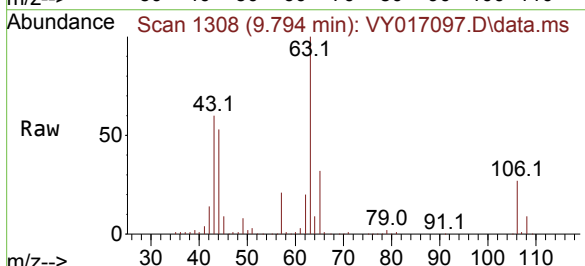
Acq: 24 Jan 2024 18:16

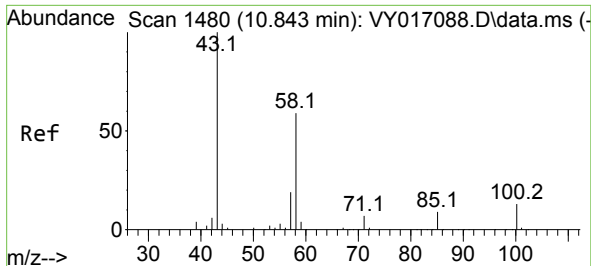
Tgt Ion: 63 Resp: 197304

Ion Ratio Lower Upper

63 100

106 27.6 22.4 33.6

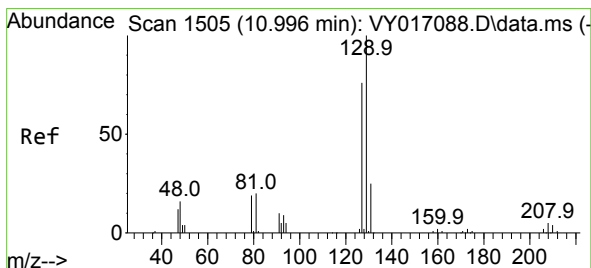
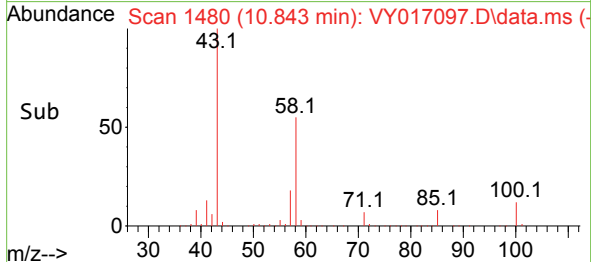
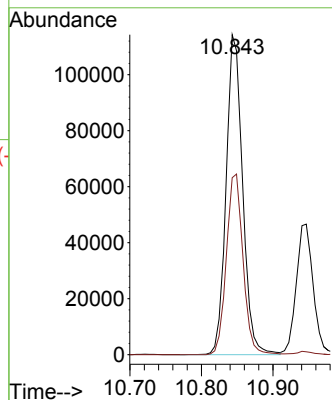
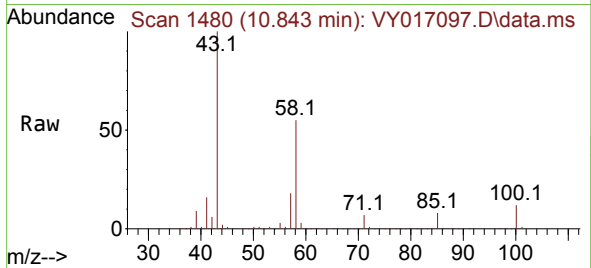




#59
2-Hexanone
Concen: 247.587 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. -0.000 min
Lab File: VY017097.D
Acq: 24 Jan 2024 18:16

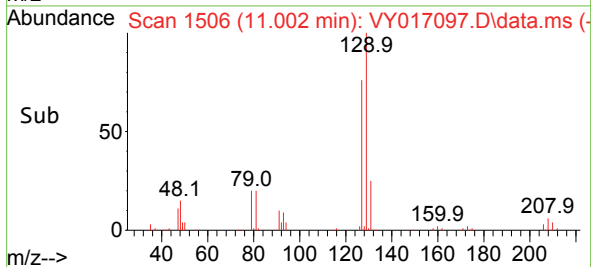
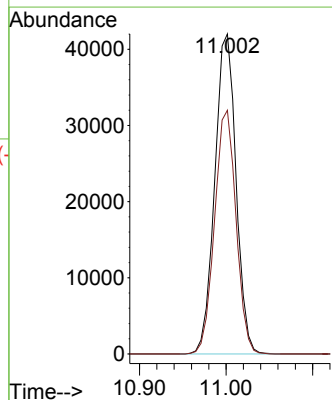
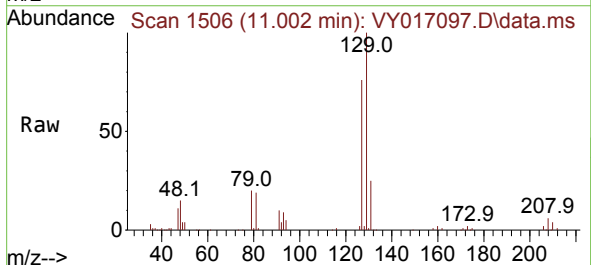
Instrument :
MSVOA_Y
ClientSampleId :
ICVY012424

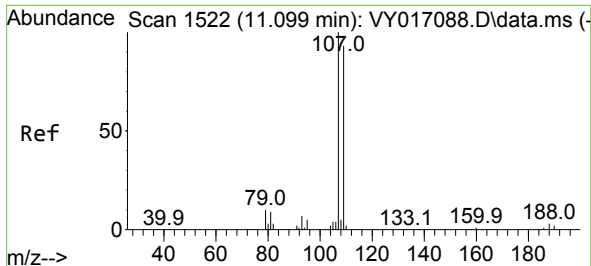
Tgt Ion: 43 Resp: 183220
Ion Ratio Lower Upper
43 100
58 57.0 28.1 84.3



#60
Dibromochloromethane
Concen: 51.316 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.005 min
Lab File: VY017097.D
Acq: 24 Jan 2024 18:16

Tgt Ion: 129 Resp: 71655
Ion Ratio Lower Upper
129 100
127 76.8 39.2 117.6





#61

1,2-Dibromoethane

Concen: 51.649 ug/l

RT: 11.105 min Scan# 1523

Delta R.T. 0.006 min

Lab File: VY017097.D

Acq: 24 Jan 2024 18:16

Instrument :

MSVOA_Y

ClientSampleId :

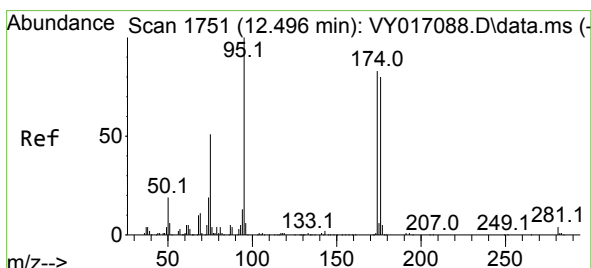
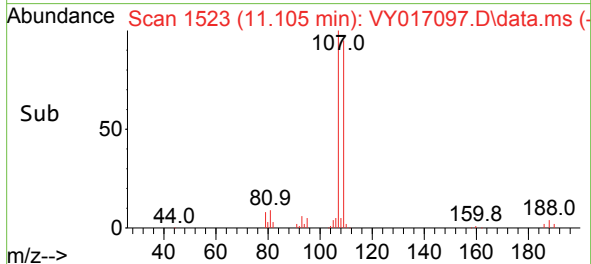
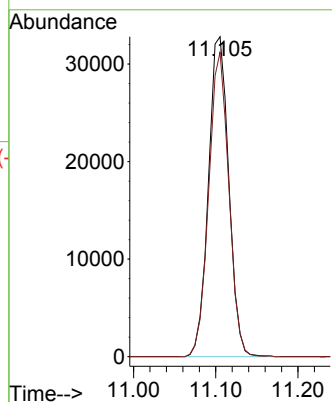
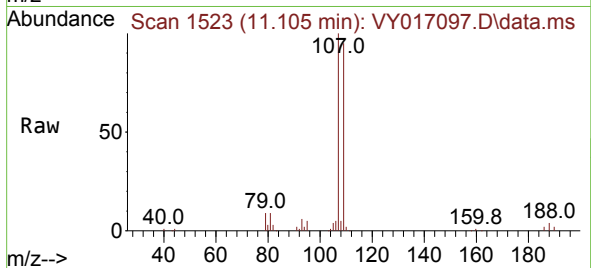
ICVY012424

Tgt Ion:107 Resp: 56392

Ion Ratio Lower Upper

107 100

109 93.7 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 52.763 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY017097.D

Acq: 24 Jan 2024 18:16

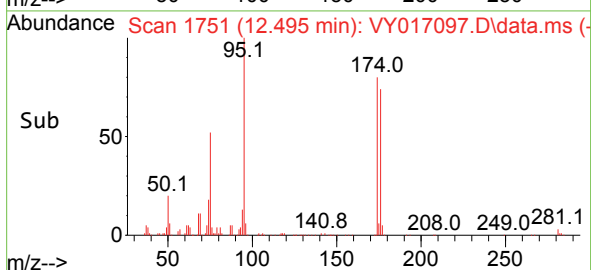
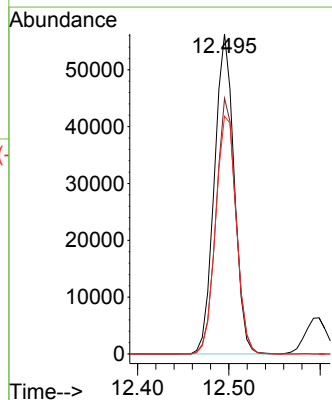
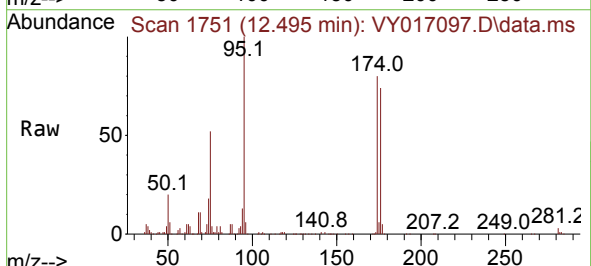
Tgt Ion: 95 Resp: 84761

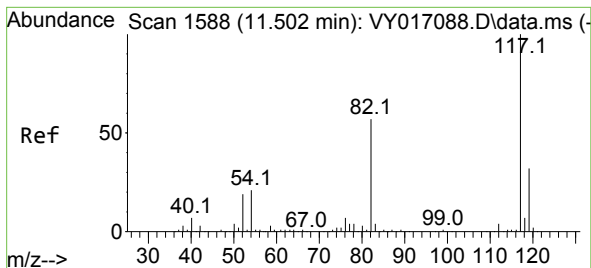
Ion Ratio Lower Upper

95 100

174 79.8 0.0 160.0

176 78.0 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.005 min

Lab File: VY017097.D

Acq: 24 Jan 2024 18:16

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY012424

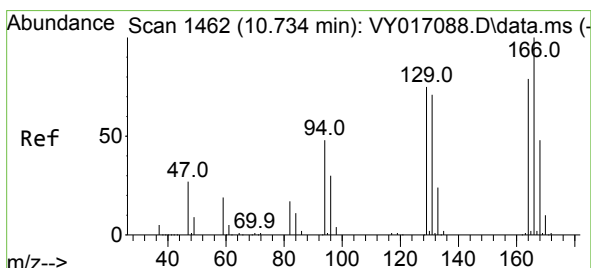
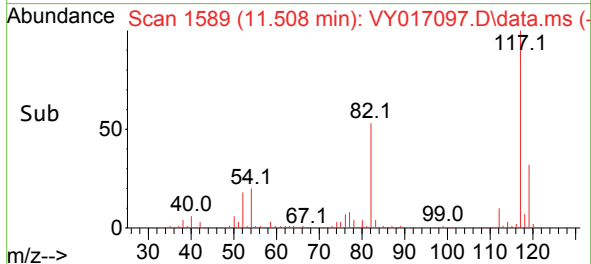
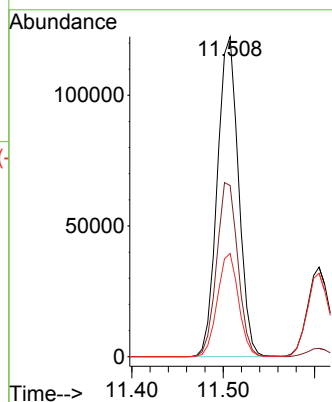
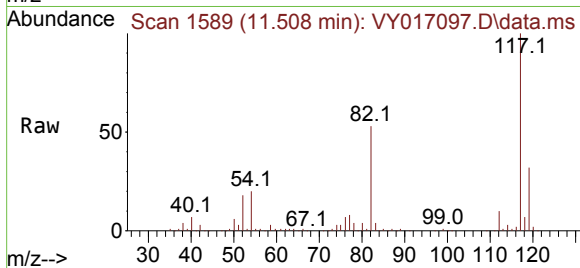
Tgt Ion:117 Resp: 197435

Ion Ratio Lower Upper

117 100

82 53.5 43.8 65.8

119 32.2 26.5 39.7



#64

Tetrachloroethene

Concen: 50.401 ug/l

RT: 10.739 min Scan# 1463

Delta R.T. 0.012 min

Lab File: VY017097.D

Acq: 24 Jan 2024 18:16

Tgt Ion:164 Resp: 69360

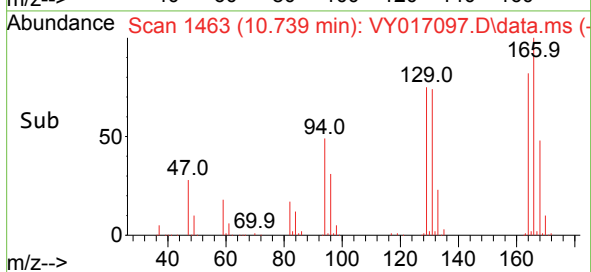
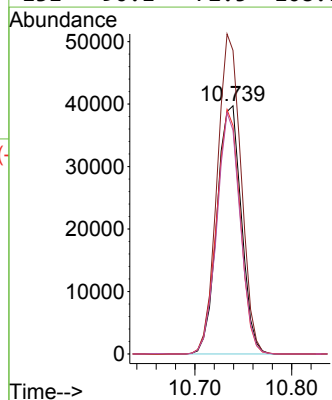
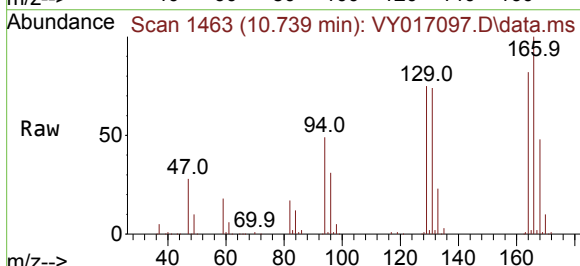
Ion Ratio Lower Upper

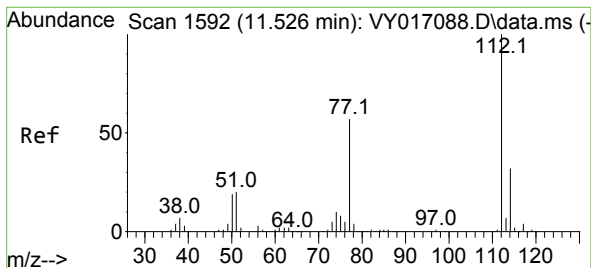
164 100

166 122.3 98.8 148.2

129 92.0 78.9 118.3

131 90.1 72.5 108.7





#65

Chlorobenzene

Concen: 50.799 ug/l

RT: 11.532 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017097.D

Acq: 24 Jan 2024 18:16

Instrument :

MSVOA_Y

ClientSampleId :

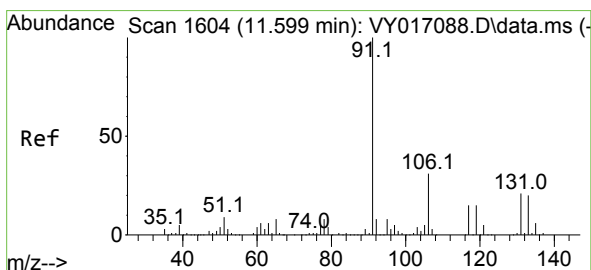
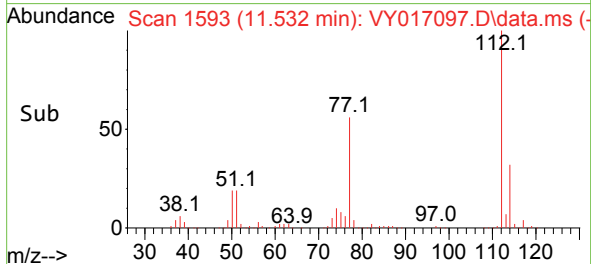
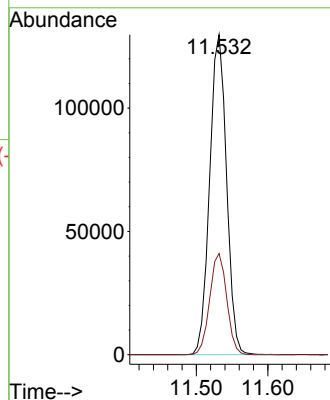
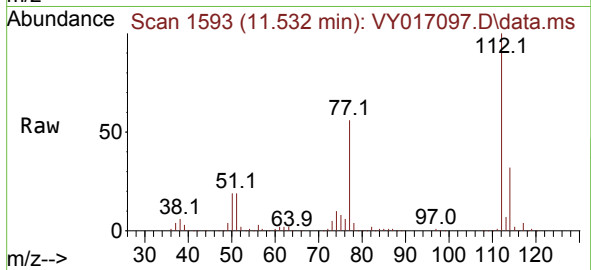
ICVVY012424

Tgt Ion:112 Resp: 212537

Ion Ratio Lower Upper

112 100

114 31.6 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 51.604 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY017097.D

Acq: 24 Jan 2024 18:16

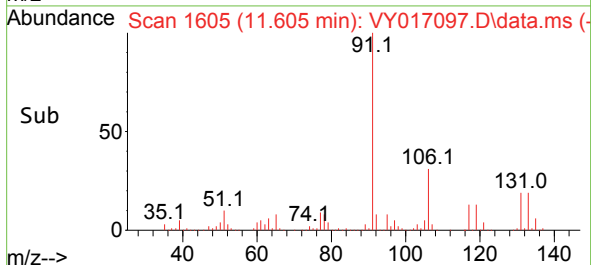
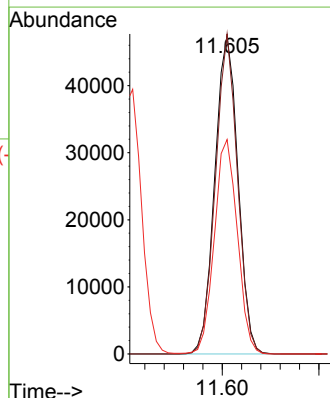
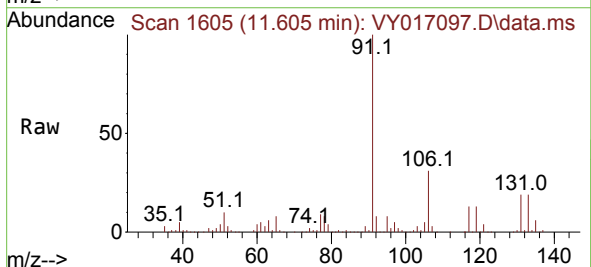
Tgt Ion:131 Resp: 78864

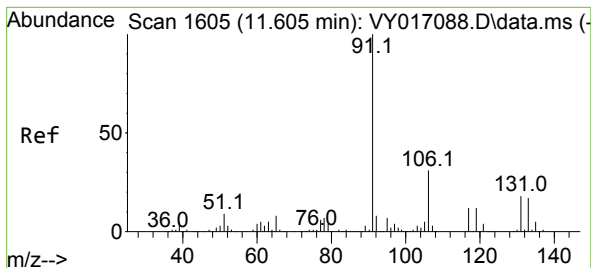
Ion Ratio Lower Upper

131 100

133 95.8 47.0 141.0

119 67.1 33.3 99.9





#67

Ethyl Benzene

Concen: 52.904 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY017097.D

Acq: 24 Jan 2024 18:16

Instrument :

MSVOA_Y

ClientSampleId :

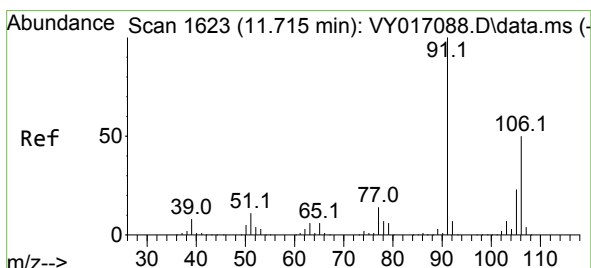
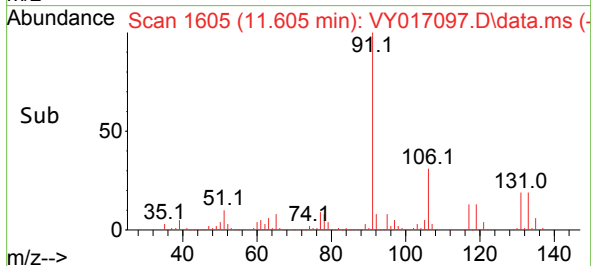
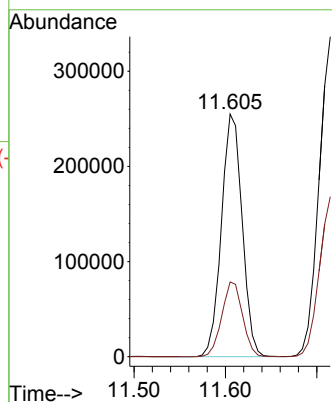
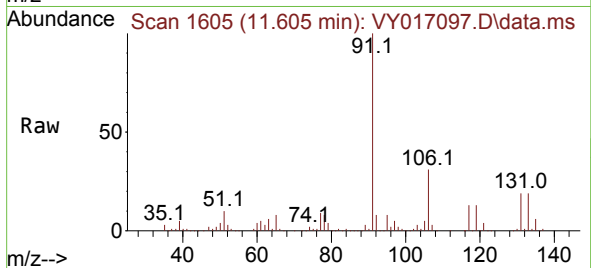
ICVY012424

Tgt Ion: 91 Resp: 402389

Ion Ratio Lower Upper

91 100

106 30.8 25.0 37.4



#68

m/p-Xylenes

Concen: 105.443 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY017097.D

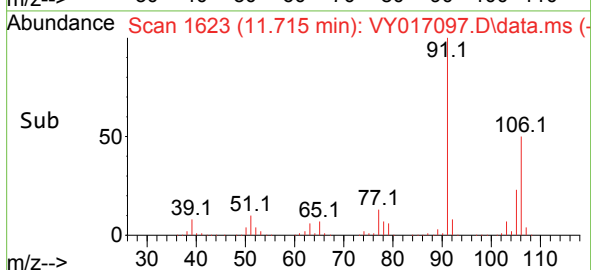
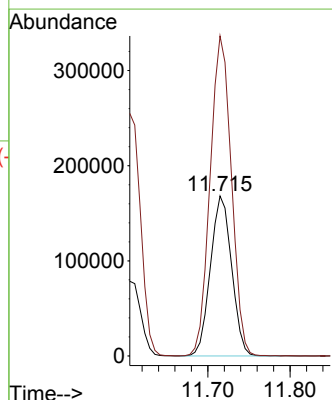
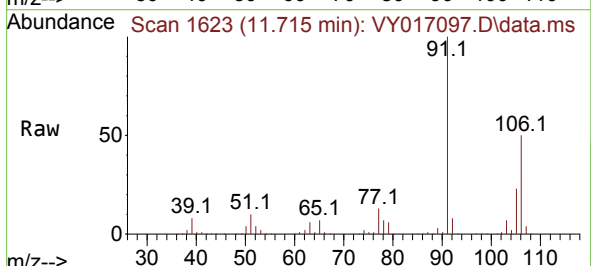
Acq: 24 Jan 2024 18:16

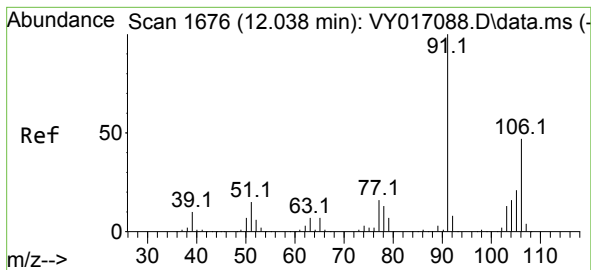
Tgt Ion:106 Resp: 301324

Ion Ratio Lower Upper

106 100

91 201.2 160.7 241.1





#69

o-Xylene

Concen: 53.793 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017097.D

Acq: 24 Jan 2024 18:16

Instrument :

MSVOA_Y

ClientSampleId :

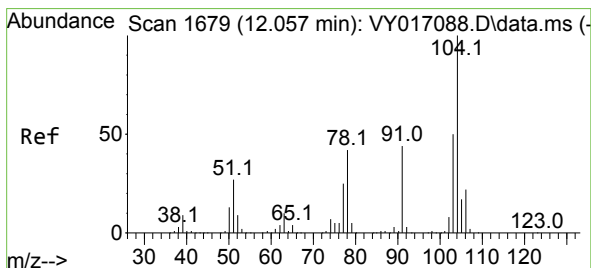
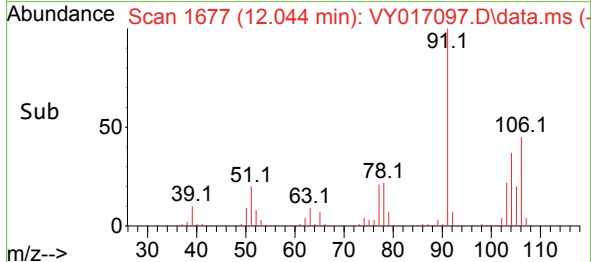
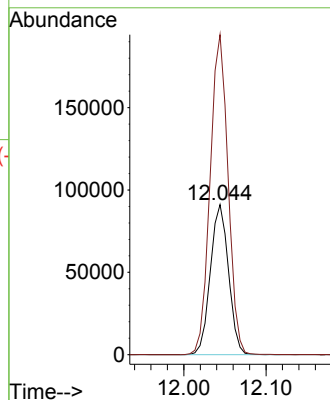
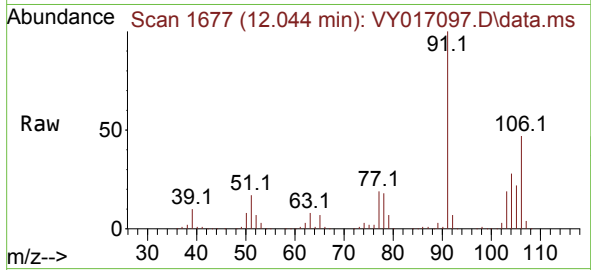
ICVVY012424

Tgt Ion:106 Resp: 139638

Ion Ratio Lower Upper

106 100

91 211.2 106.5 319.5



#70

Styrene

Concen: 54.192 ug/l

RT: 12.056 min Scan# 1679

Delta R.T. 0.006 min

Lab File: VY017097.D

Acq: 24 Jan 2024 18:16

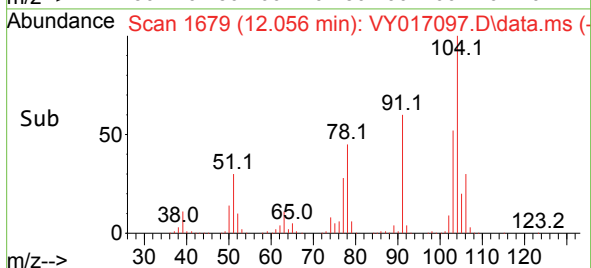
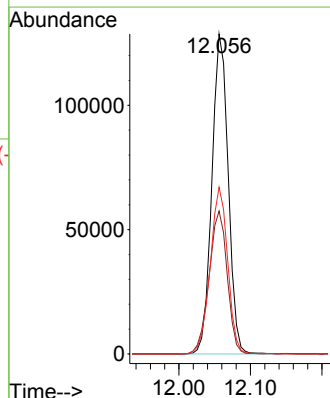
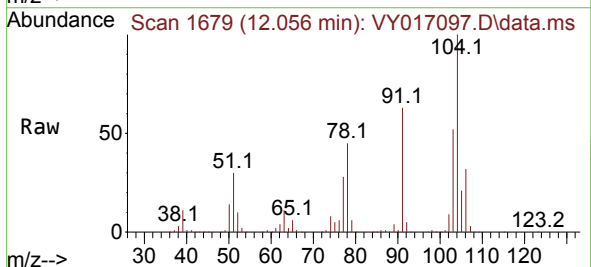
Tgt Ion:104 Resp: 204223

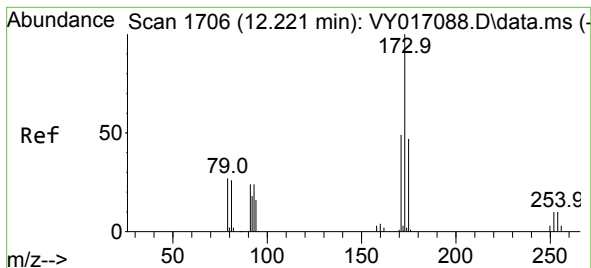
Ion Ratio Lower Upper

104 100

78 49.6 39.2 58.8

103 55.7 43.8 65.6





#71

Bromoform

Concen: 51.390 ug/l

RT: 12.221 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017097.D

Acq: 24 Jan 2024 18:16

Instrument :

MSVOA_Y

ClientSampleId :

ICVY012424

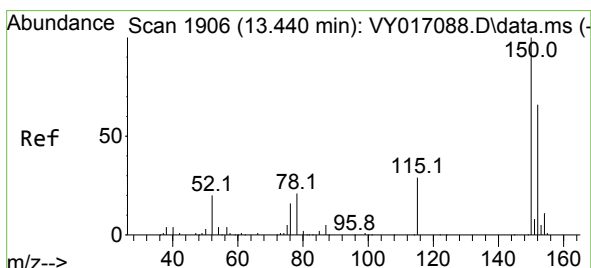
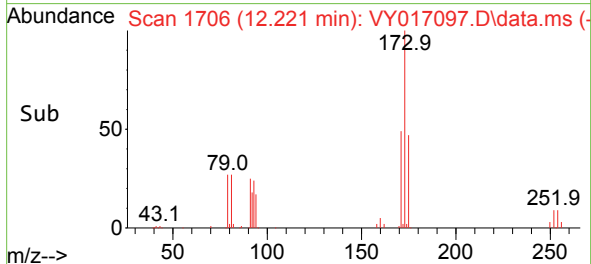
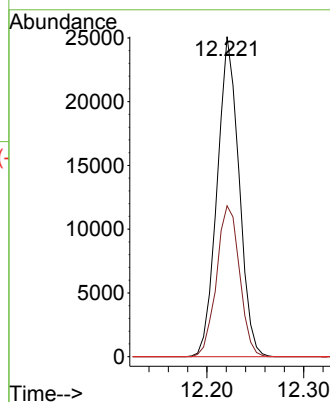
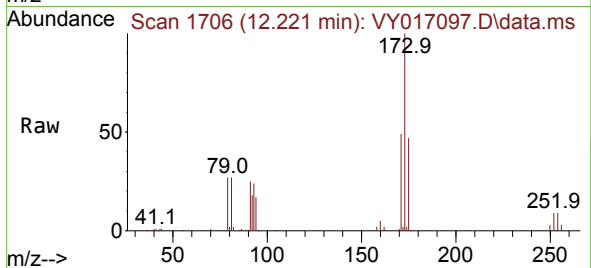
Tgt Ion:173 Resp: 39381

Ion Ratio Lower Upper

173 100

175 49.6 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY017097.D

Acq: 24 Jan 2024 18:16

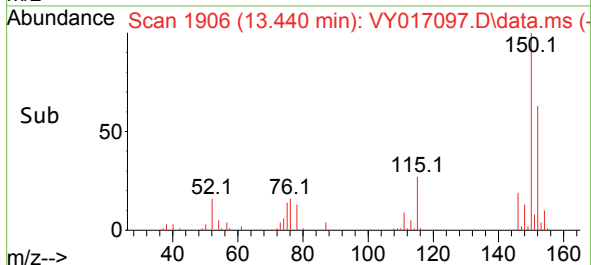
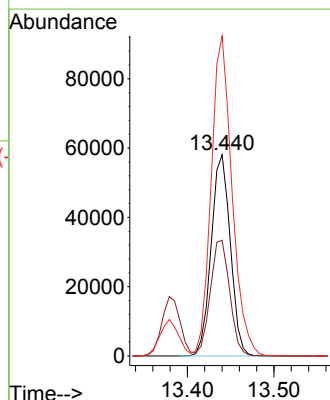
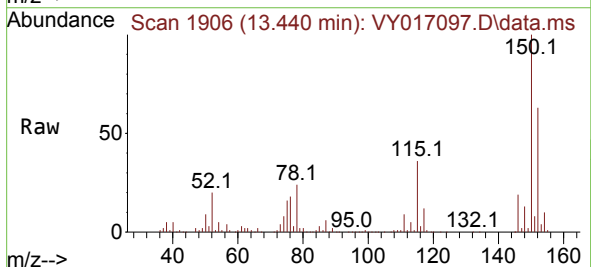
Tgt Ion:152 Resp: 89116

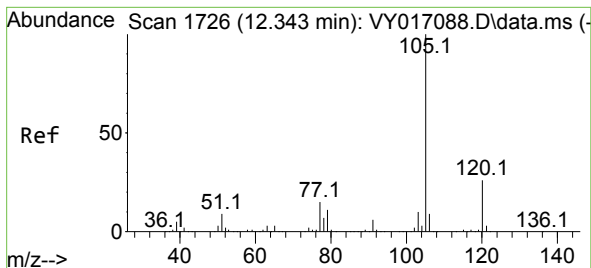
Ion Ratio Lower Upper

152 100

115 58.3 30.0 90.0

150 173.4 0.0 344.6





#73

Isopropylbenzene

Concen: 51.785 ug/l

RT: 12.343 min Scan# 1726

Delta R.T. 0.006 min

Lab File: VY017097.D

Acq: 24 Jan 2024 18:16

Instrument :

MSVOA_Y

ClientSampleId :

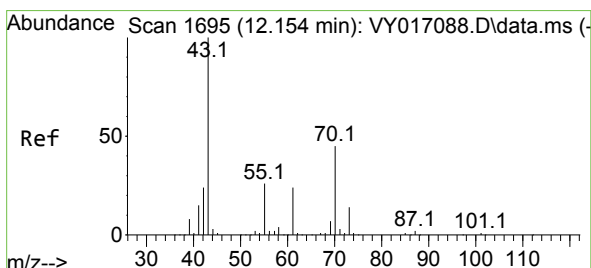
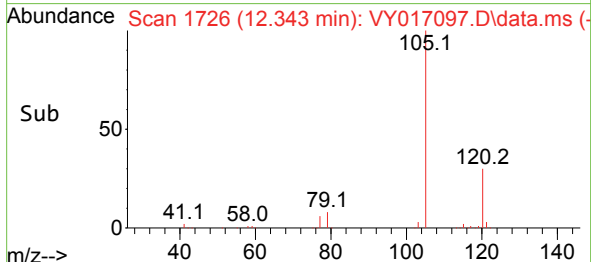
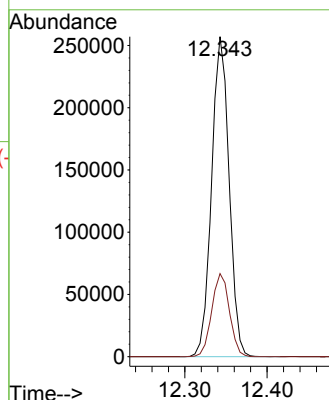
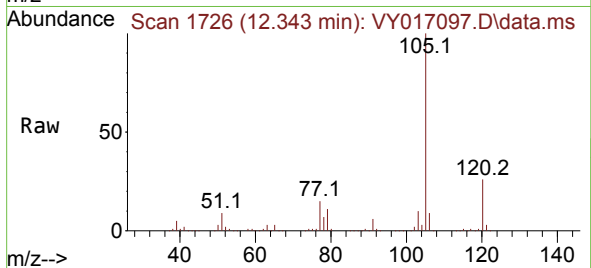
ICVVY012424

Tgt Ion:105 Resp: 379380

Ion Ratio Lower Upper

105 100

120 26.2 13.0 39.0



#74

N-ethyl acetate

Concen: 52.568 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VY017097.D

Acq: 24 Jan 2024 18:16

Tgt Ion: 43 Resp: 77626

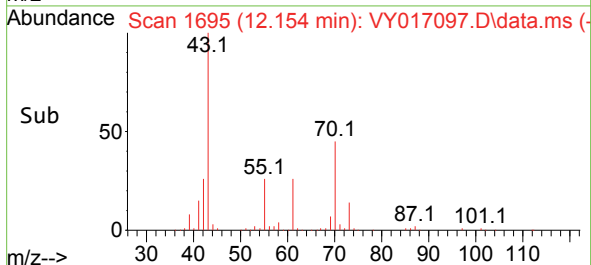
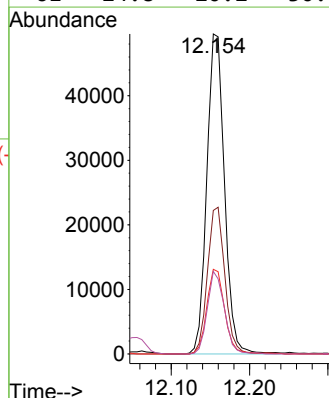
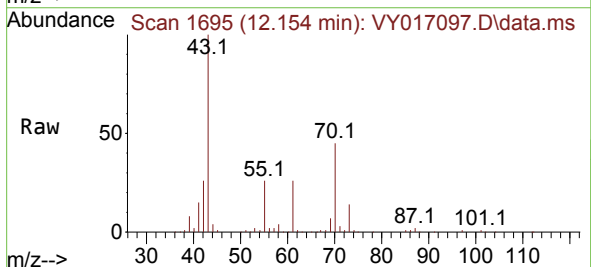
Ion Ratio Lower Upper

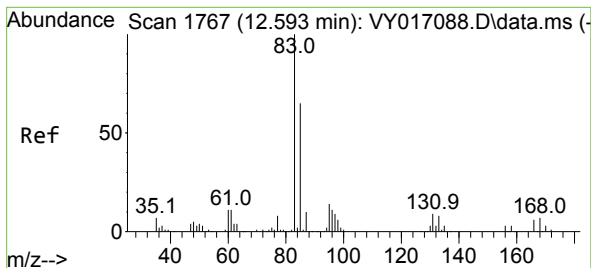
43 100

70 45.1 36.6 55.0

55 26.8 22.2 33.4

61 24.8 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 49.545 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. -0.000 min

Lab File: VY017097.D

Acq: 24 Jan 2024 18:16

Instrument :

MSVOA_Y

ClientSampleId :

ICVY012424

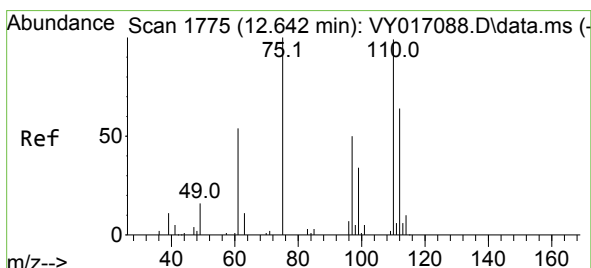
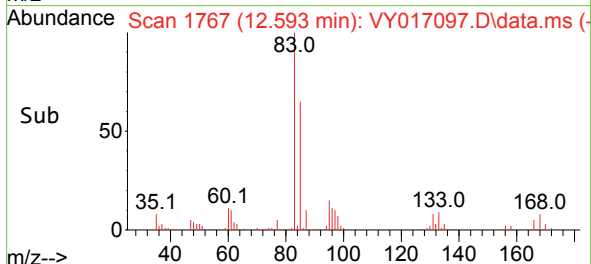
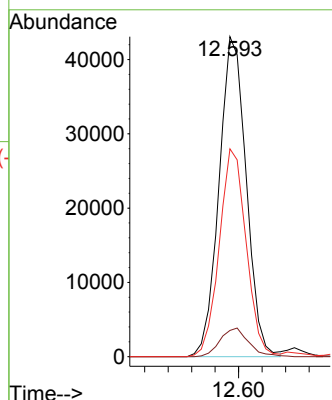
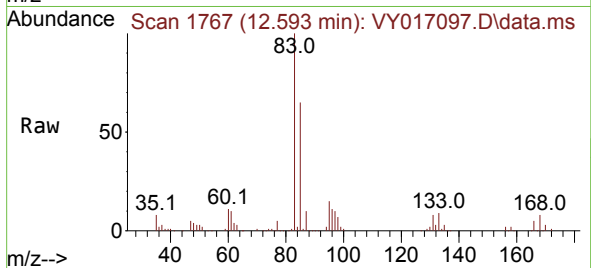
Tgt Ion: 83 Resp: 69213

Ion Ratio Lower Upper

83 100

131 9.4 4.9 14.6

85 64.4 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 77.295 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VY017097.D

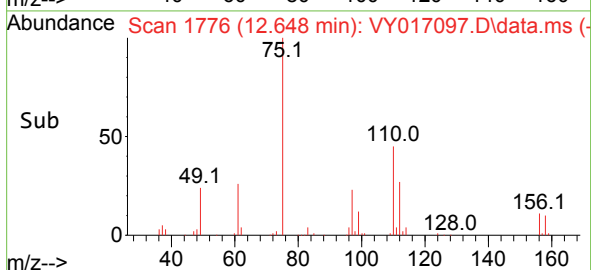
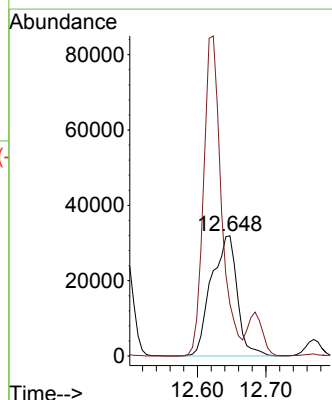
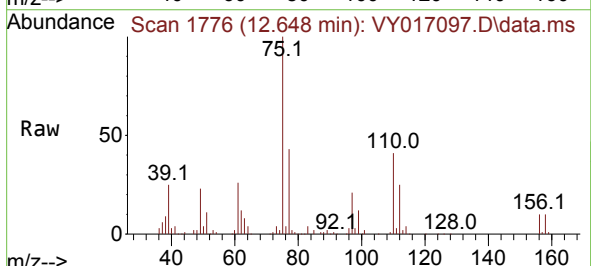
Acq: 24 Jan 2024 18:16

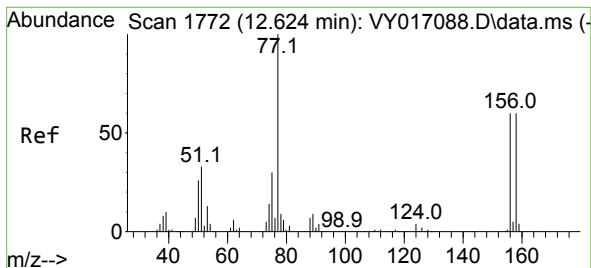
Tgt Ion: 75 Resp: 83609

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.573 ug/l

RT: 12.623 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY017097.D

Acq: 24 Jan 2024 18:16

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY012424

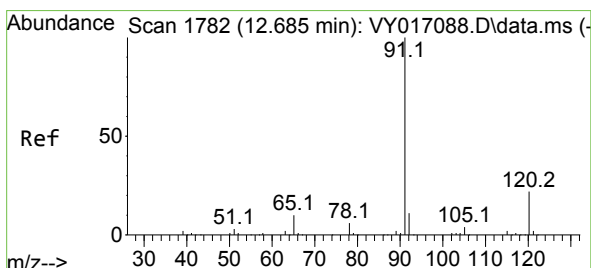
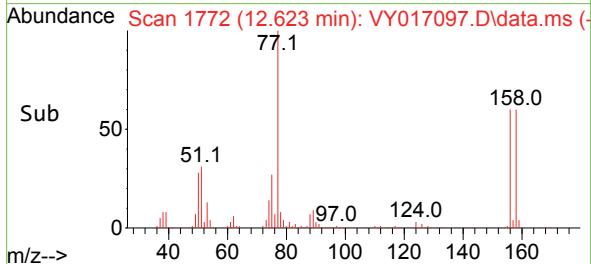
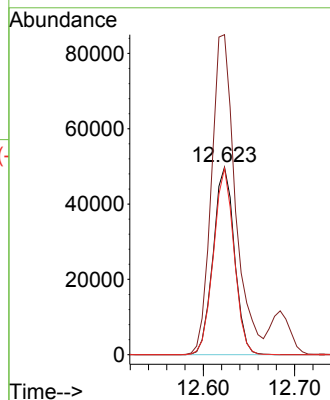
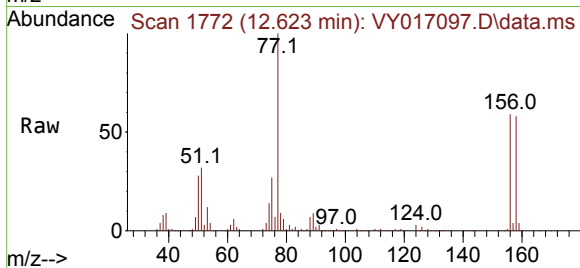
Tgt Ion:156 Resp: 80169

Ion Ratio Lower Upper

156 100

77 193.1 97.3 291.8

158 96.6 48.4 145.0



#78

n-propylbenzene

Concen: 52.047 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VY017097.D

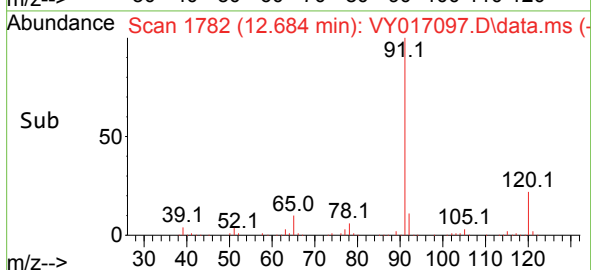
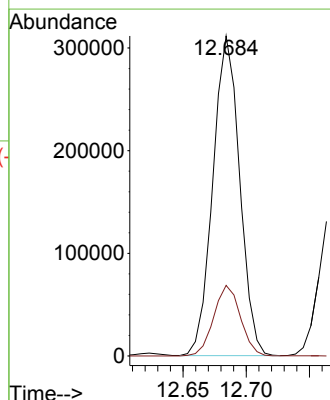
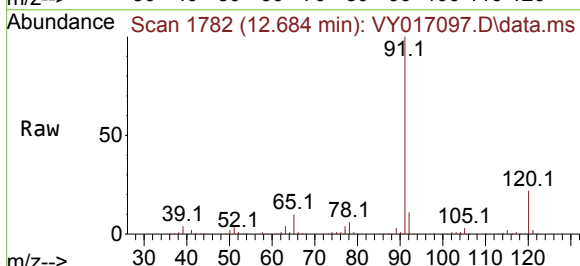
Acq: 24 Jan 2024 18:16

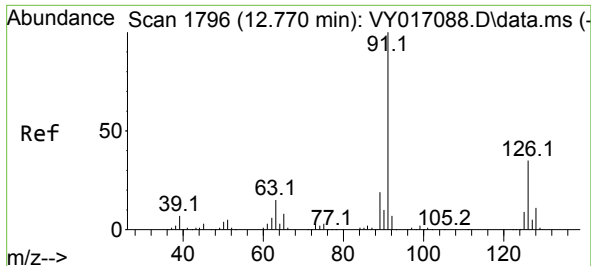
Tgt Ion: 91 Resp: 458613

Ion Ratio Lower Upper

91 100

120 22.0 11.0 33.0

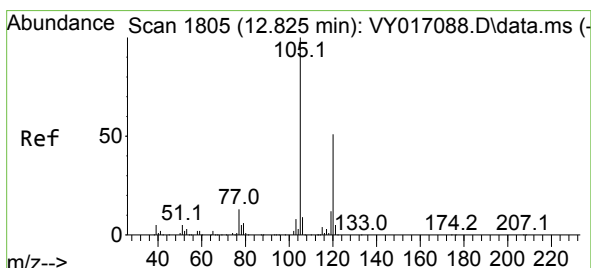
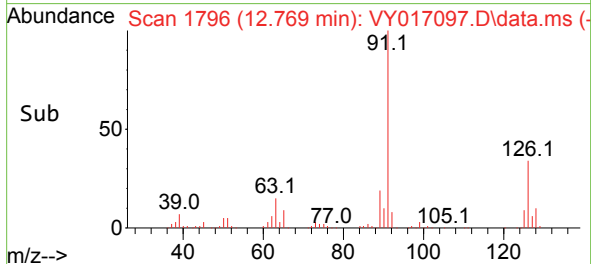
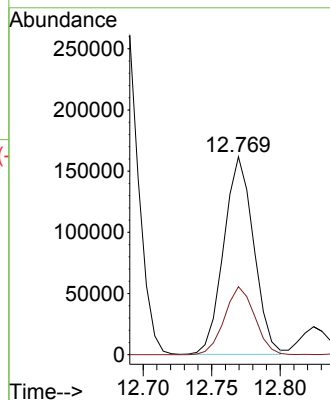
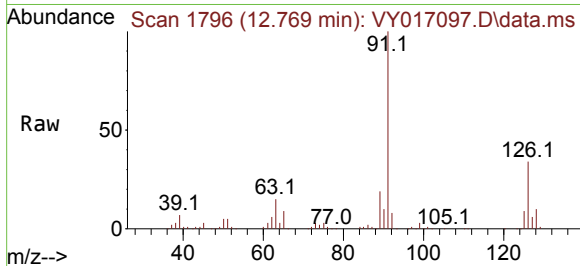




#79
2-Chlorotoluene
Concen: 50.897 ug/l
RT: 12.769 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VY017097.D
Acq: 24 Jan 2024 18:16

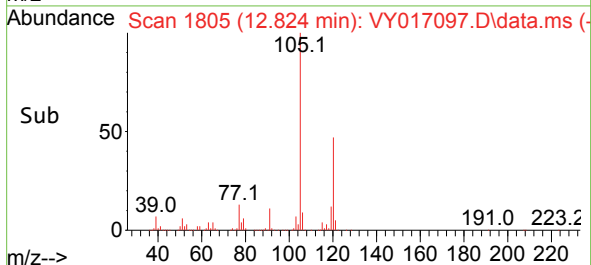
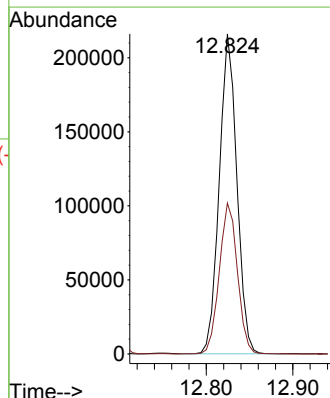
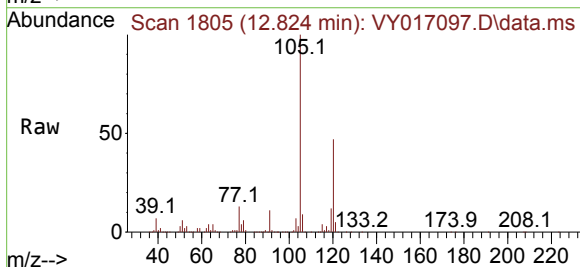
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY012424

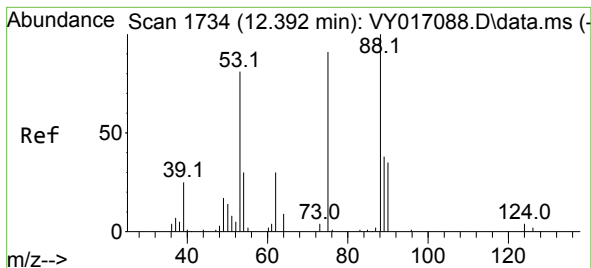
Tgt Ion: 91 Resp: 246106
Ion Ratio Lower Upper
91 100
126 34.6 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 52.485 ug/l
RT: 12.824 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VY017097.D
Acq: 24 Jan 2024 18:16

Tgt Ion: 105 Resp: 304313
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.8

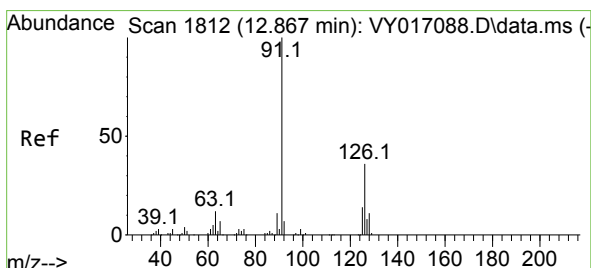
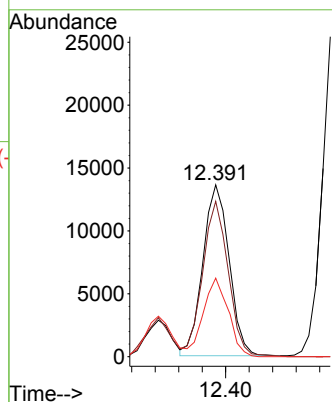
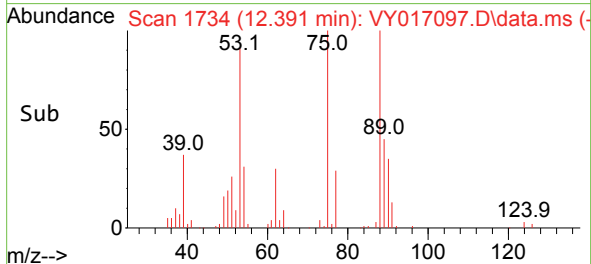
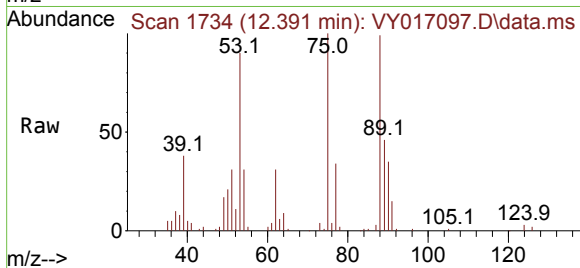




#81
trans-1,4-Dichloro-2-butene
Concen: 50.493 ug/l
RT: 12.391 min Scan# 1734
Delta R.T. 0.006 min
Lab File: VY017097.D
Acq: 24 Jan 2024 18:16

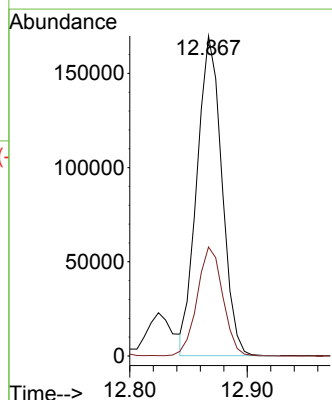
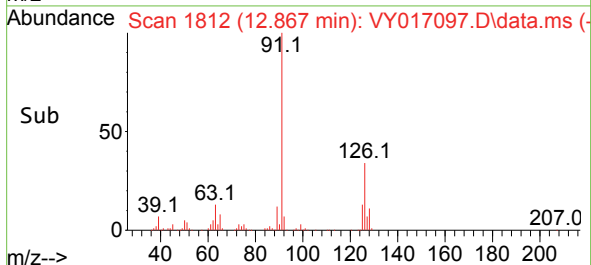
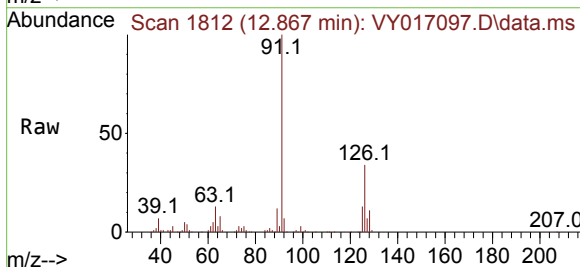
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY012424

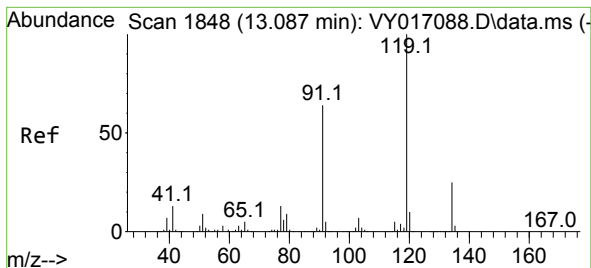
Tgt Ion: 75 Resp: 21097
Ion Ratio Lower Upper
75 100
53 89.1 74.0 111.0
89 43.5 36.5 54.7



#82
4-Chlorotoluene
Concen: 49.928 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY017097.D
Acq: 24 Jan 2024 18:16

Tgt Ion: 91 Resp: 250212
Ion Ratio Lower Upper
91 100
126 35.0 17.1 51.2





#83

tert-Butylbenzene

Concen: 51.056 ug/l

RT: 13.086 min Scan# 1848

Delta R.T. -0.001 min

Lab File: VY017097.D

Acq: 24 Jan 2024 18:16

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY012424

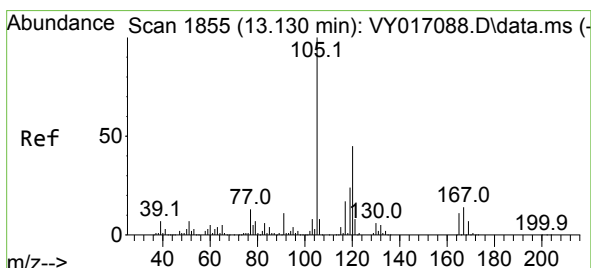
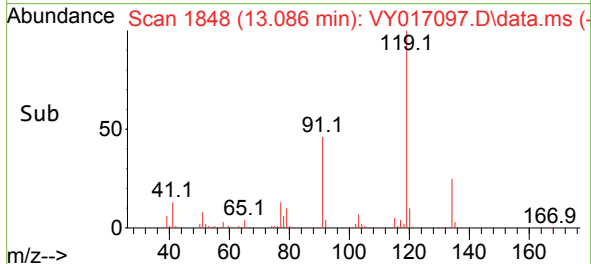
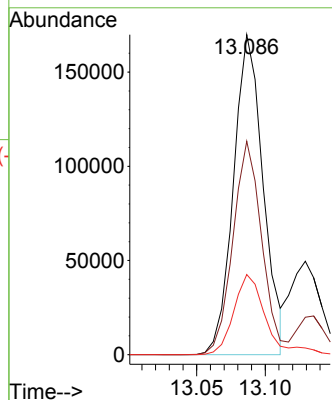
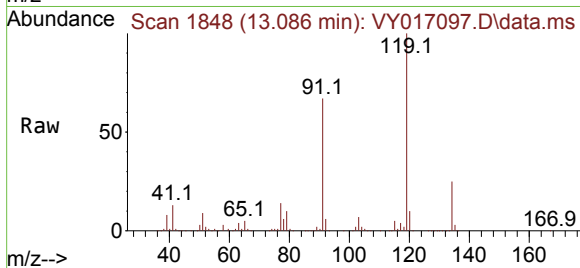
Tgt Ion:119 Resp: 256056

Ion Ratio Lower Upper

119 100

91 65.2 31.5 94.5

134 27.0 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 51.554 ug/l

RT: 13.135 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VY017097.D

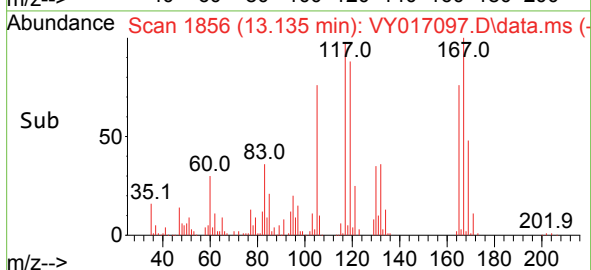
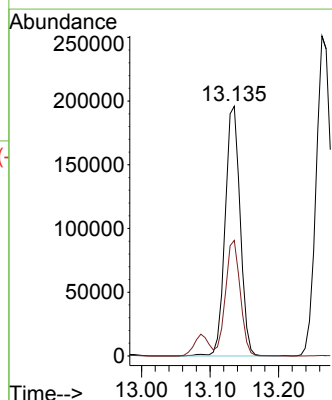
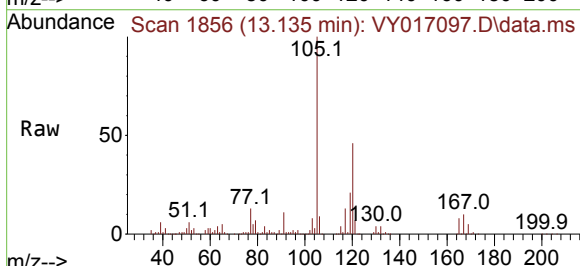
Acq: 24 Jan 2024 18:16

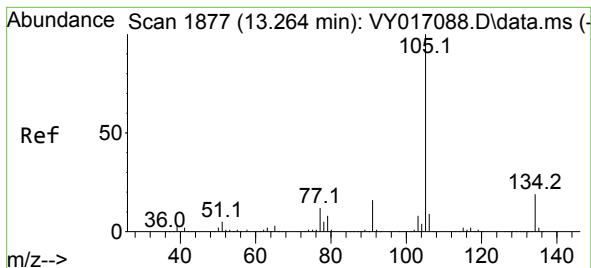
Tgt Ion:105 Resp: 297092

Ion Ratio Lower Upper

105 100

120 45.5 22.1 66.3





#85

sec-Butylbenzene

Concen: 51.568 ug/l

RT: 13.263 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VY017097.D

Acq: 24 Jan 2024 18:16

Instrument :

MSVOA_Y

ClientSampleId :

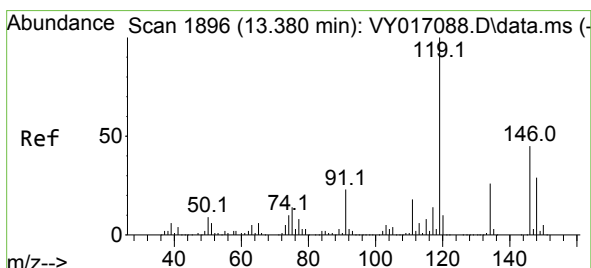
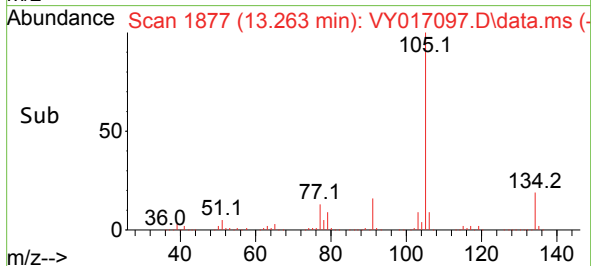
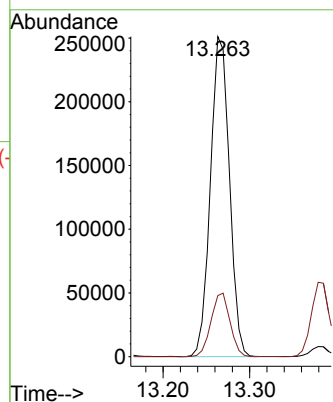
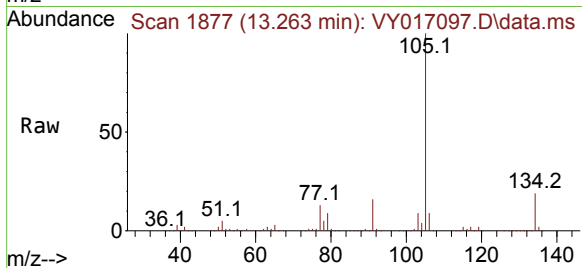
ICVVY012424

Tgt Ion:105 Resp: 382949

Ion Ratio Lower Upper

105 100

134 19.8 9.7 28.9



#86

p-Isopropyltoluene

Concen: 52.487 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY017097.D

Acq: 24 Jan 2024 18:16

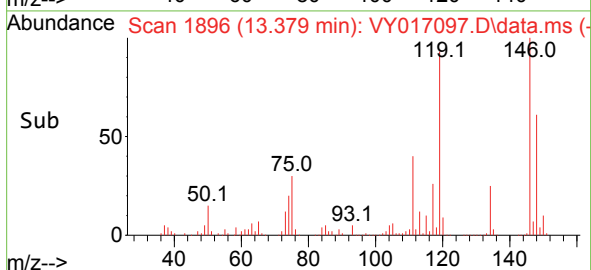
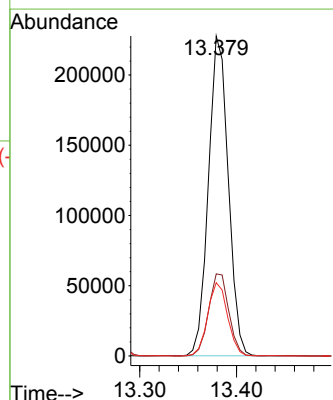
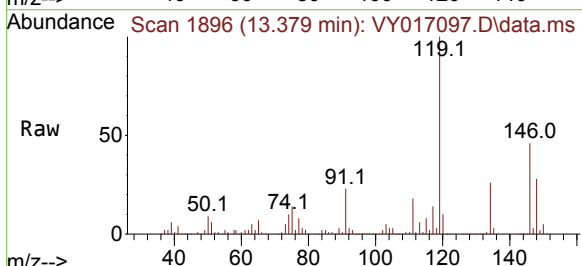
Tgt Ion:119 Resp: 324672

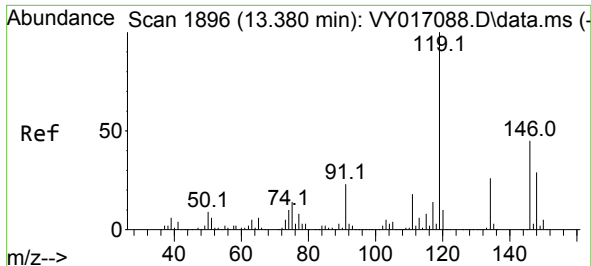
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.1

91 23.1 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 49.914 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY017097.D

Acq: 24 Jan 2024 18:16

Instrument :

MSVOA_Y

ClientSampleId :

ICVY012424

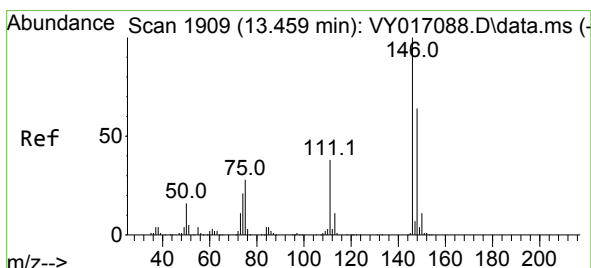
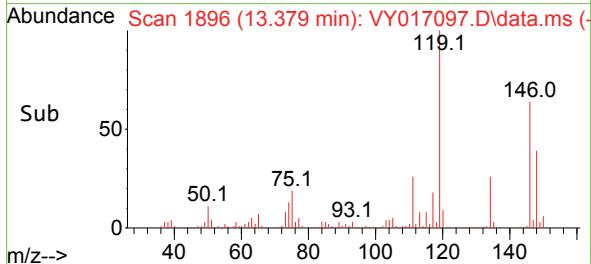
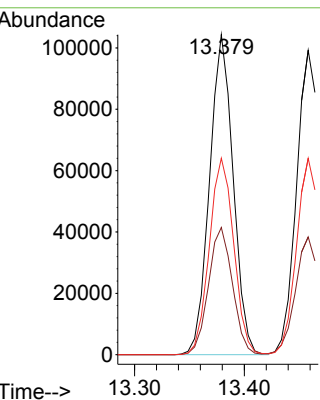
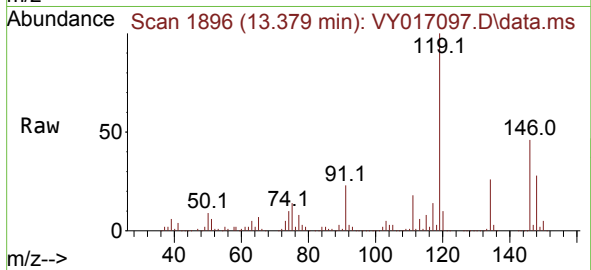
Tgt Ion:146 Resp: 156216

Ion Ratio Lower Upper

146 100

111 40.4 20.2 60.5

148 63.6 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 49.128 ug/l

RT: 13.458 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY017097.D

Acq: 24 Jan 2024 18:16

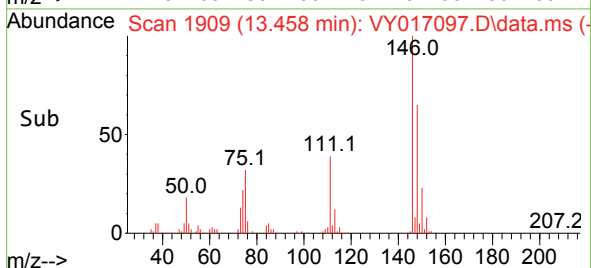
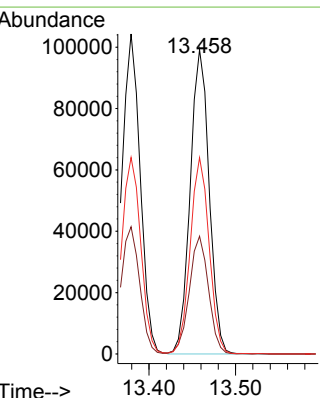
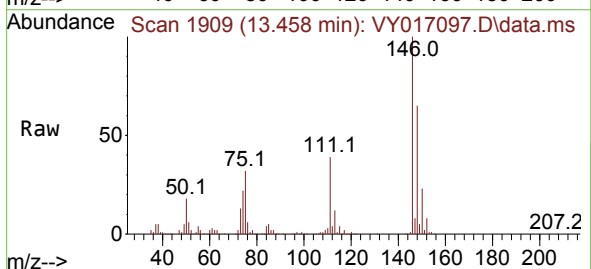
Tgt Ion:146 Resp: 151282

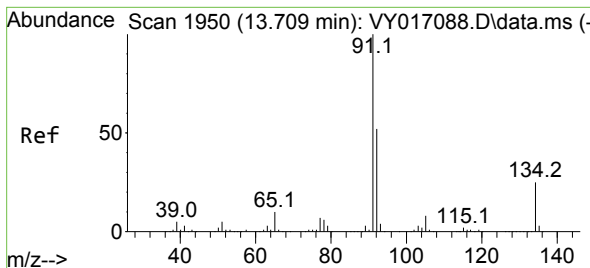
Ion Ratio Lower Upper

146 100

111 39.3 19.3 57.9

148 64.4 31.6 94.7





#89

n-Butylbenzene

Concen: 52.534 ug/l

RT: 13.708 min Scan# 1950

Delta R.T. 0.006 min

Lab File: VY017097.D

Acq: 24 Jan 2024 18:16

Instrument :

MSVOA_Y

ClientSampleId :

ICVY012424

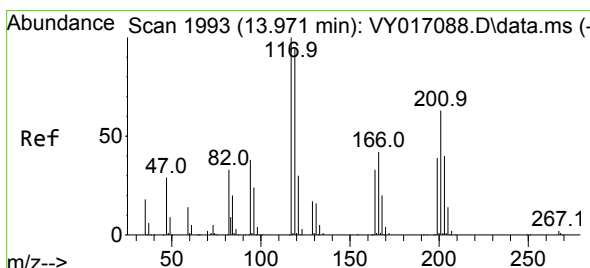
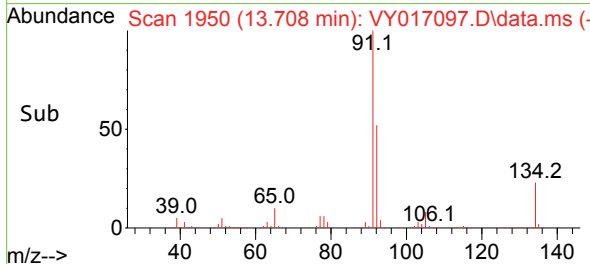
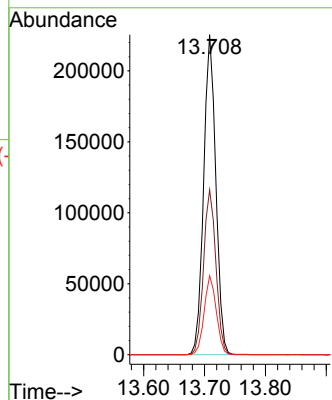
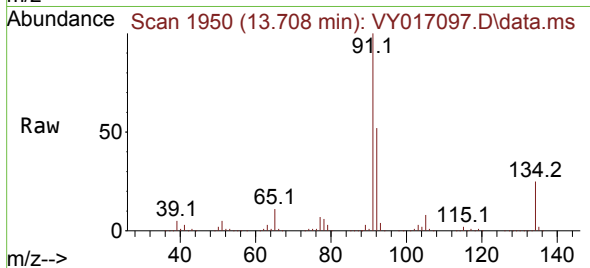
Tgt Ion: 91 Resp: 313444

Ion Ratio Lower Upper

91 100

92 52.4 26.4 79.2

134 24.5 12.3 36.8



#90

Hexachloroethane

Concen: 50.474 ug/l

RT: 13.970 min Scan# 1993

Delta R.T. -0.001 min

Lab File: VY017097.D

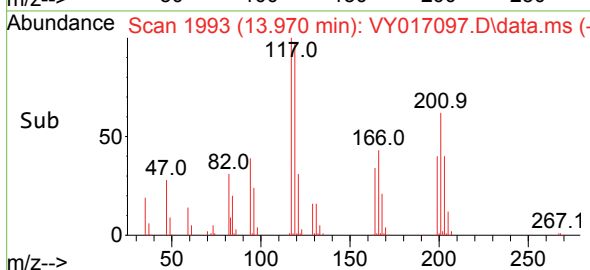
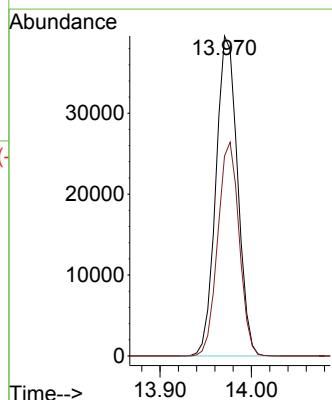
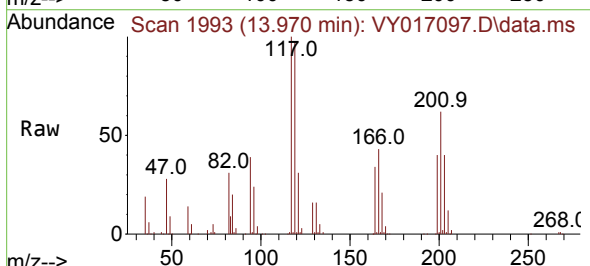
Acq: 24 Jan 2024 18:16

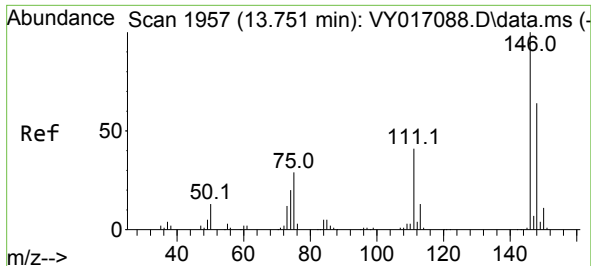
Tgt Ion: 117 Resp: 65076

Ion Ratio Lower Upper

117 100

201 65.9 33.4 100.1

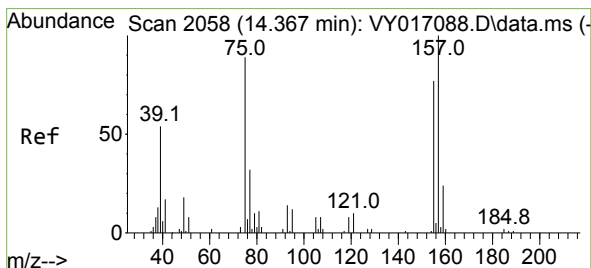
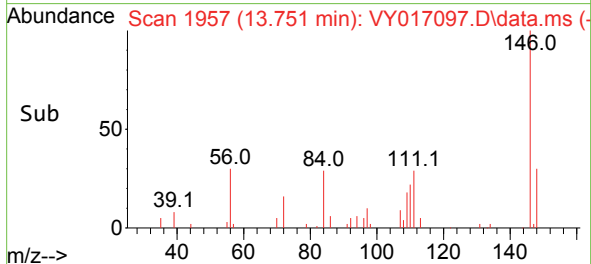
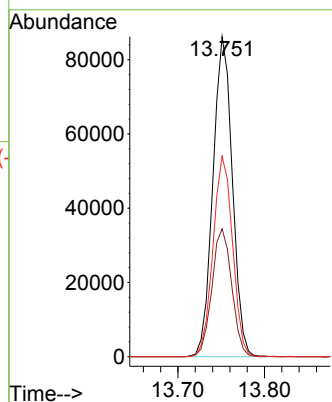
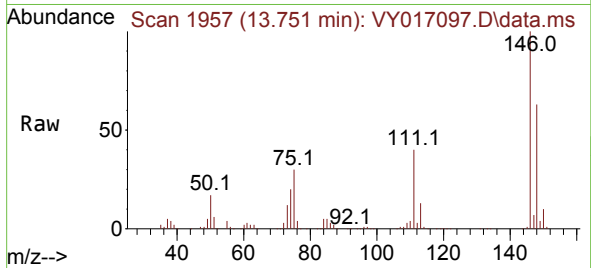




#91
1,2-Dichlorobenzene
Concen: 50.318 ug/l
RT: 13.751 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VY017097.D
Acq: 24 Jan 2024 18:16

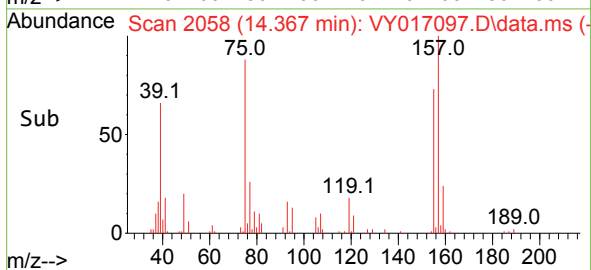
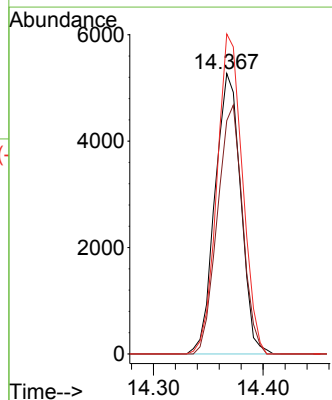
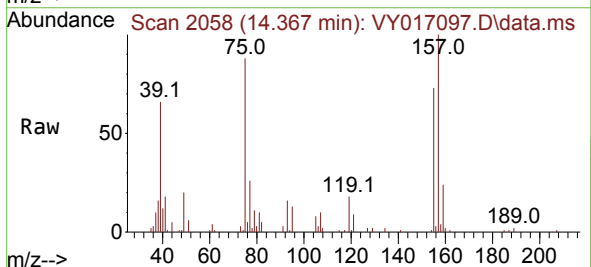
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY012424

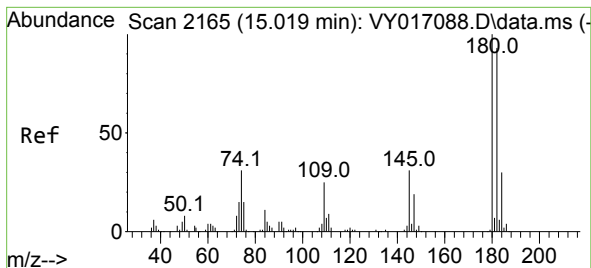
Tgt Ion:146 Resp: 134487
Ion Ratio Lower Upper
146 100
111 40.6 20.5 61.6
148 63.1 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.150 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VY017097.D
Acq: 24 Jan 2024 18:16

Tgt Ion: 75 Resp: 8591
Ion Ratio Lower Upper
75 100
155 86.7 42.1 126.3
157 113.0 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 50.141 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY017097.D

Acq: 24 Jan 2024 18:16

Instrument :

MSVOA_Y

ClientSampleId :

ICVY012424

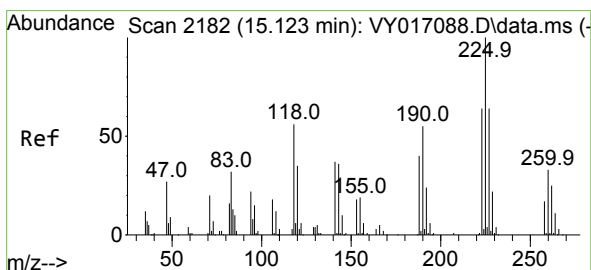
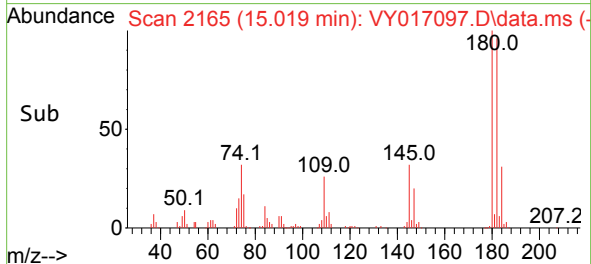
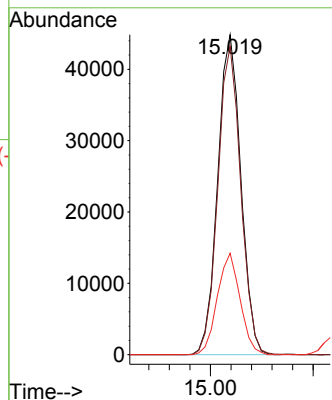
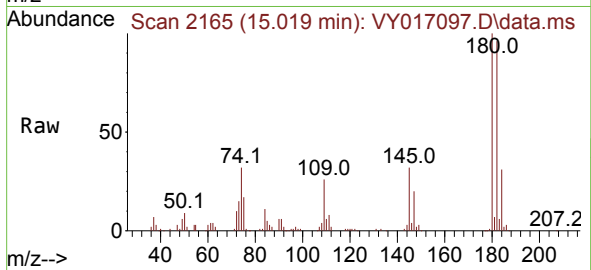
Tgt Ion:180 Resp: 70031

Ion Ratio Lower Upper

180 100

182 95.4 47.9 143.7

145 31.1 15.9 47.7



#94

Hexachlorobutadiene

Concen: 47.577 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY017097.D

Acq: 24 Jan 2024 18:16

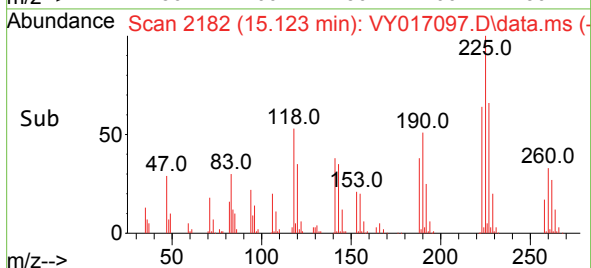
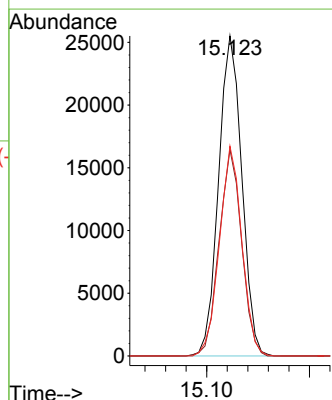
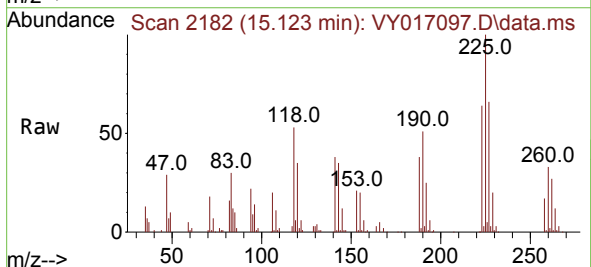
Tgt Ion:225 Resp: 39993

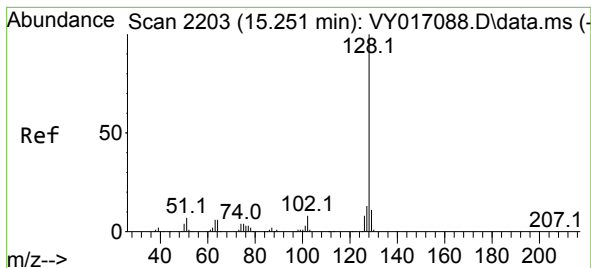
Ion Ratio Lower Upper

225 100

223 62.6 31.4 94.3

227 63.2 32.3 96.8





#95

Naphthalene

Concen: 52.634 ug/l

RT: 15.251 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY017097.D

Acq: 24 Jan 2024 18:16

Instrument :

MSVOA_Y

ClientSampleId :

ICVY012424

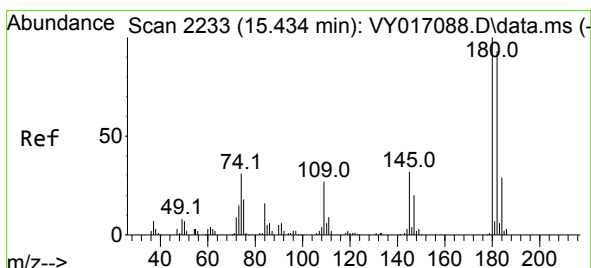
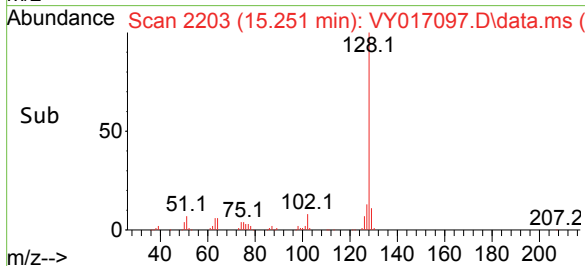
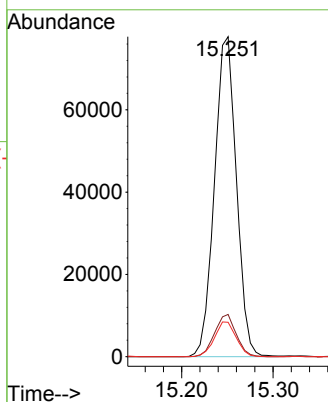
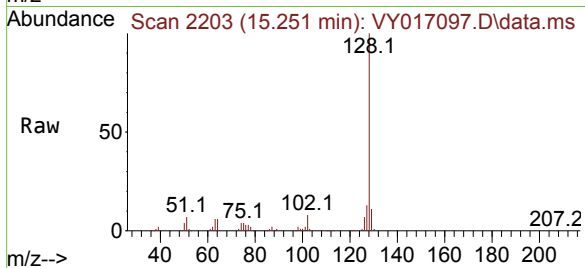
Tgt Ion:128 Resp: 129840

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 49.623 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY017097.D

Acq: 24 Jan 2024 18:16

Tgt Ion:180 Resp: 57662

Ion Ratio Lower Upper

180 100

182 96.2 46.3 138.8

145 33.7 16.1 48.2

