

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021523\
 Data File : VY012624.D
 Acq On : 15 Feb 2023 19:08
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 16 01:02:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	127881	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	189065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	181058	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	102249	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	89257	54.888	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.780%	
35) Dibromofluoromethane	7.716	113	76699	55.705	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.400%	
50) Toluene-d8	10.179	98	311950	54.432	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.860%	
62) 4-Bromofluorobenzene	12.477	95	110571	55.313	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.620%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	39396	43.115	ug/l	99
3) Chloromethane	2.113	50	40026	40.171	ug/l	96
4) Vinyl Chloride	2.247	62	54368	43.798	ug/l	97
5) Bromomethane	2.644	94	45342	50.039	ug/l	98
6) Chloroethane	2.790	64	40559	46.941	ug/l	97
7) Trichlorofluoromethane	3.125	101	121446	47.598	ug/l	99
8) Diethyl Ether	3.527	74	39484	52.188	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.899	101	63019	48.911	ug/l	100
10) Methyl Iodide	4.082	142	77290	46.272	ug/l	100
11) Tert butyl alcohol	4.948	59	44827	286.841	ug/l	98
12) 1,1-Dichloroethene	3.869	96	59817	46.986	ug/l	97
13) Acrolein	3.723	56	35135	183.788	ug/l	97
14) Allyl chloride	4.472	41	74712	48.132	ug/l	98
15) Acrylonitrile	5.161	53	99760	285.804	ug/l	100
16) Acetone	3.942	43	91310	233.295	ug/l	96
17) Carbon Disulfide	4.192	76	134642	40.775	ug/l	98
18) Methyl Acetate	4.472	43	49592	52.716	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	211104	56.668	ug/l	98
20) Methylene Chloride	4.710	84	80835	55.771	ug/l	97
21) trans-1,2-Dichloroethene	5.216	96	67669	48.738	ug/l	98
22) Diisopropyl ether	6.112	45	168546	53.401	ug/l	96
23) Vinyl Acetate	6.058	43	534199	280.756	ug/l	99
24) 1,1-Dichloroethane	6.015	63	114423	50.713	ug/l	98
25) 2-Butanone	6.978	43	115818	266.706	ug/l	99
26) 2,2-Dichloropropane	6.978	77	122747	49.514	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	83789	52.003	ug/l	98
28) Bromochloromethane	7.332	49	45677	55.692	ug/l	98
29) Tetrahydrofuran	7.344	42	68742	292.812	ug/l	96
30) Chloroform	7.502	83	142466	52.371	ug/l	98
31) Cyclohexane	7.783	56	83368	44.341	ug/l	99
32) 1,1,1-Trichloroethane	7.697	97	134941	51.118	ug/l	99
36) 1,1-Dichloropropene	7.917	75	91742	49.231	ug/l	99
37) Ethyl Acetate	7.070	43	46267	55.024	ug/l	98
38) Carbon Tetrachloride	7.899	117	127372	50.919	ug/l	96
39) Methylcyclohexane	9.179	83	108166	48.238	ug/l	97
40) Benzene	8.155	78	278411	50.584	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	68946	149.664	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	96579	54.138	ug/l	100
43) Isopropyl Acetate	8.271	43	89861	57.639	ug/l	99
44) Trichloroethene	8.935	130	87310	52.111	ug/l	99
45) 1,2-Dichloropropane	9.215	63	62169	52.091	ug/l	98
46) Dibromomethane	9.301	93	44027	55.714	ug/l	100
47) Bromodichloromethane	9.496	83	111270	54.305	ug/l	99
48) Methyl methacrylate	9.289	41	41511	58.251	ug/l	97
49) 1,4-Dioxane	9.295	88	14153	1297.387	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	253997	301.967	ug/l	100
52) Toluene	10.240	92	194244	52.042	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	114200	55.311	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	120477	53.921	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	65745	56.938	ug/l	97
56) Ethyl methacrylate	10.508	69	87280	60.164	ug/l	99
57) 1,3-Dichloropropane	10.788	76	106216	56.997	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	187953	288.245	ug/l	98
59) 2-Hexanone	10.831	43	185617	292.005	ug/l	99
60) Dibromochloromethane	10.983	129	88591	57.557	ug/l	97
61) 1,2-Dibromoethane	11.087	107	62287	57.571	ug/l	100
64) Tetrachloroethene	10.715	164	102821	54.396	ug/l	98
65) Chlorobenzene	11.514	112	221314	51.536	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	90965	54.054	ug/l	98
67) Ethyl Benzene	11.593	91	382281	50.706	ug/l	99
68) m/p-Xylenes	11.703	106	307254	102.100	ug/l	99
69) o-Xylene	12.026	106	150251	52.427	ug/l	100
70) Styrene	12.044	104	257443	52.967	ug/l	99
71) Bromoform	12.203	173	60826	57.184	ug/l #	98
73) Isopropylbenzene	12.325	105	404548	48.902	ug/l	98
74) N-amyl acetate	12.142	43	80055	53.459	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	69543	51.989	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	102237	89.496	ug/l #	100
77) Bromobenzene	12.605	156	101419	50.581	ug/l	96
78) n-propylbenzene	12.666	91	465510	48.890	ug/l	100
79) 2-Chlorotoluene	12.751	91	264020	48.845	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	351590	49.371	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	26526	52.363	ug/l	99
82) 4-Chlorotoluene	12.855	91	275058	48.510	ug/l	100
83) tert-Butylbenzene	13.075	119	314711	50.395	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	350199	49.978	ug/l	100
85) sec-Butylbenzene	13.251	105	443279	49.617	ug/l	99
86) p-Isopropyltoluene	13.367	119	389689	50.280	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	202402	50.734	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	198914	49.776	ug/l	99
89) n-Butylbenzene	13.696	91	330728	49.929	ug/l	100
90) Hexachloroethane	13.959	117	69151	48.609	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	184238	51.336	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14621	54.927	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	120179	54.044	ug/l	99
94) Hexachlorobutadiene	15.111	225	71921	52.062	ug/l	99
95) Naphthalene	15.233	128	254506	59.619	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	107420	55.806	ug/l	99

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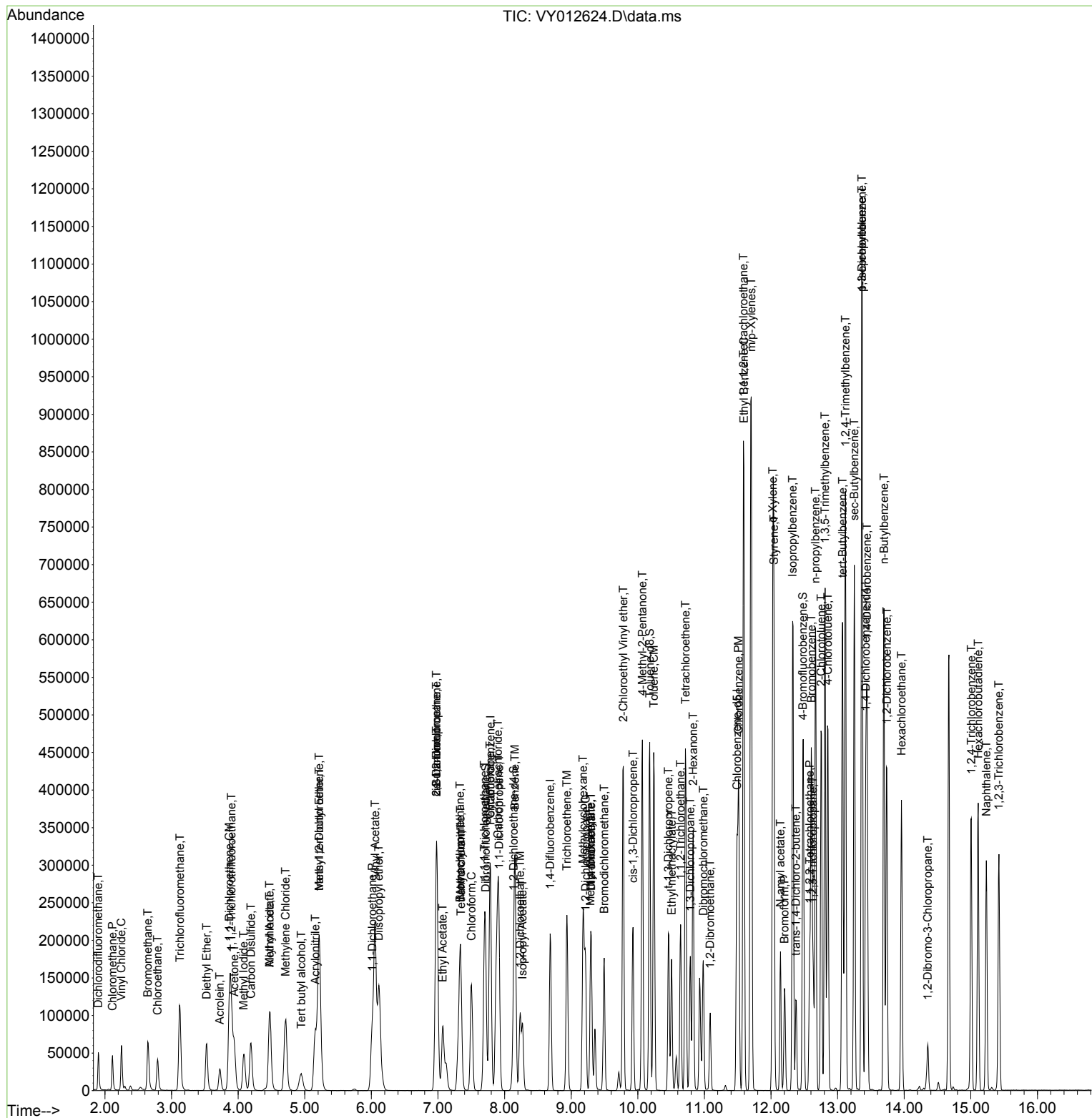
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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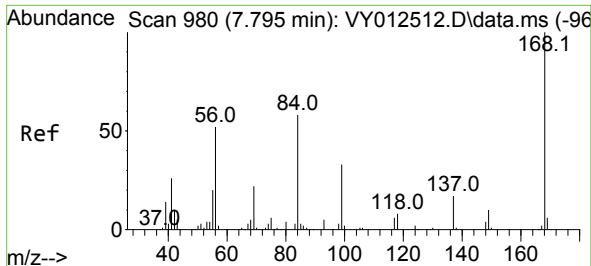
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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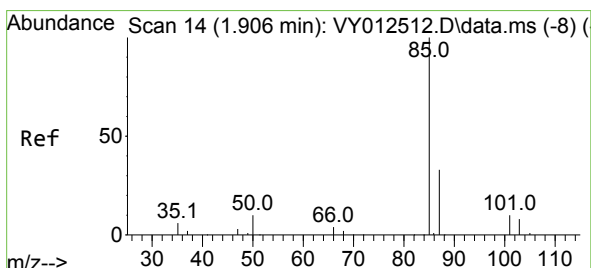
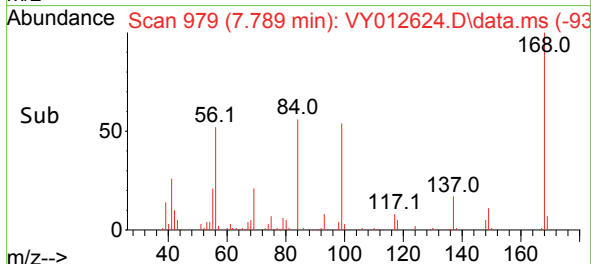
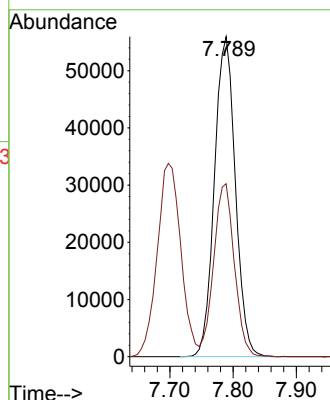
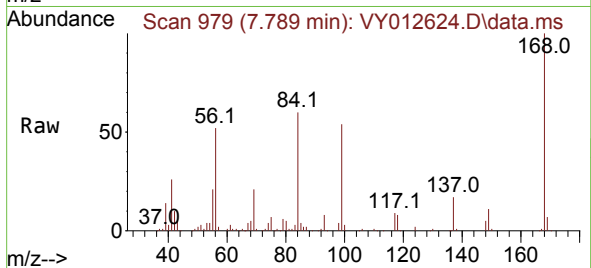




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
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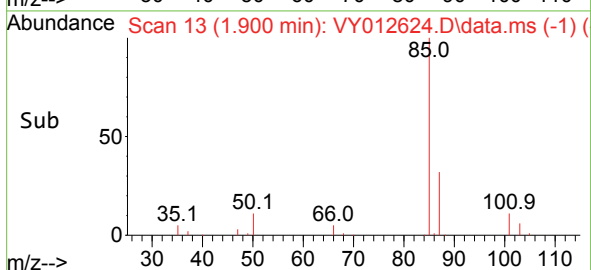
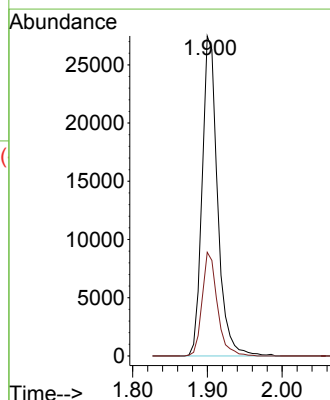
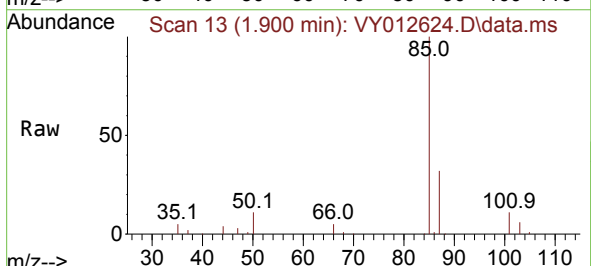
Instrument :
MSVOA_Y
ClientSampleId :

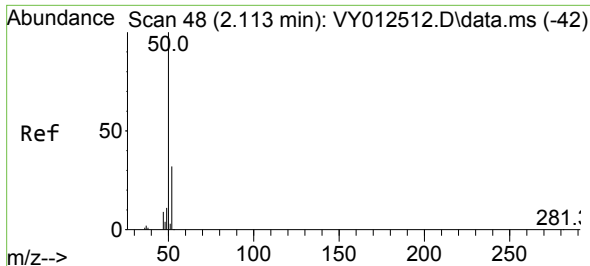
Tgt Ion:168 Resp: 127881
Ion Ratio Lower Upper
168 100
99 54.1 40.8 61.2



#2
Dichlorodifluoromethane
Concen: 43.115 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY012624.D
Acq: 15 Feb 2023 19:08

Tgt Ion: 85 Resp: 39396
Ion Ratio Lower Upper
85 100
87 32.4 16.6 49.8

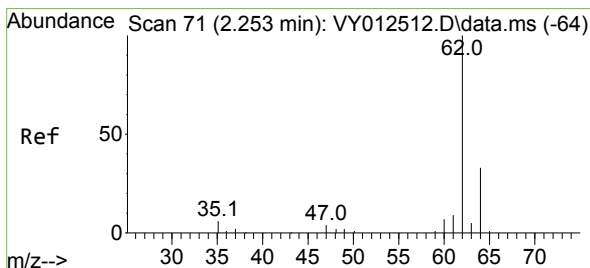
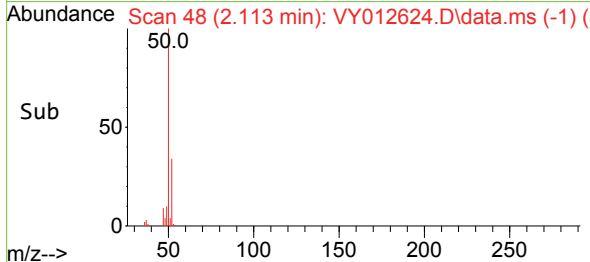
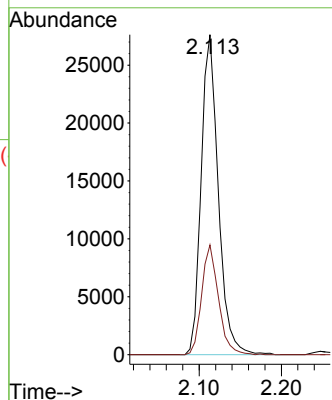
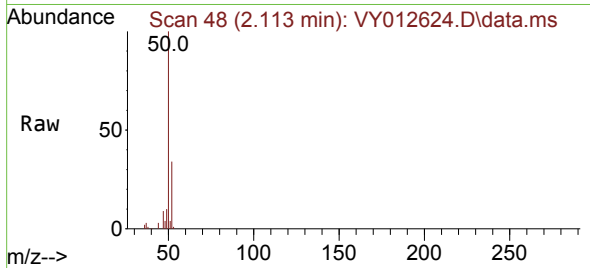




#3
Chloromethane
Concen: 40.171 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012624.D
Acq: 15 Feb 2023 19:08

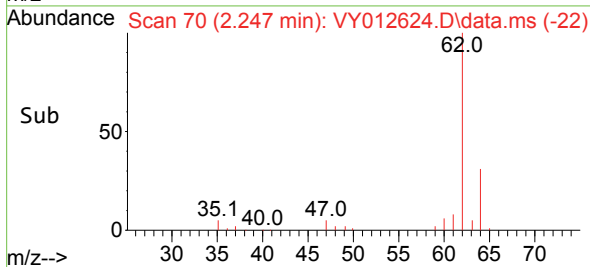
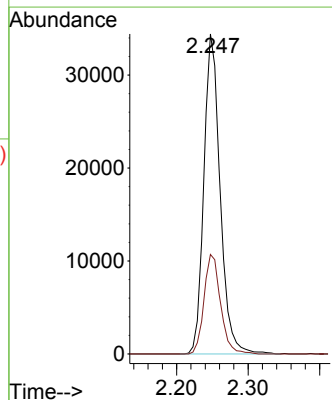
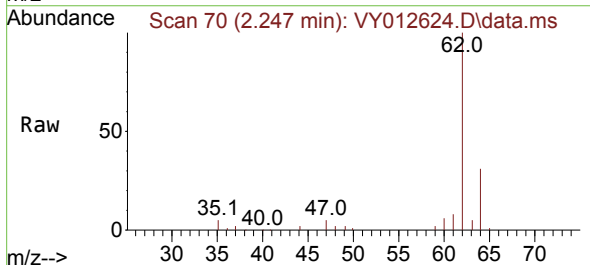
Instrument :
MSVOA_Y
ClientSampleId :

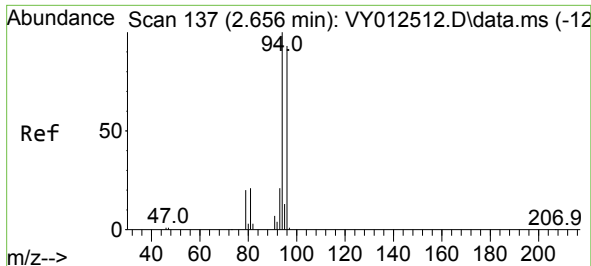
Tgt Ion: 50 Resp: 40026
Ion Ratio Lower Upper
50 100
52 34.3 25.8 38.6



#4
Vinyl Chloride
Concen: 43.798 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY012624.D
Acq: 15 Feb 2023 19:08

Tgt Ion: 62 Resp: 54368
Ion Ratio Lower Upper
62 100
64 31.1 26.1 39.1





#5

Bromomethane

Concen: 50.039 ug/l

RT: 2.644 min Scan# 11

Delta R.T. -0.013 min

Lab File: VY012624.D

Acq: 15 Feb 2023 19:08

Instrument :

MSVOA_Y

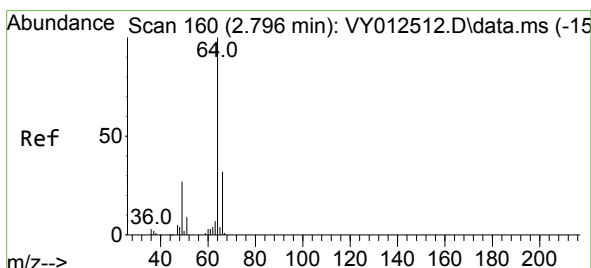
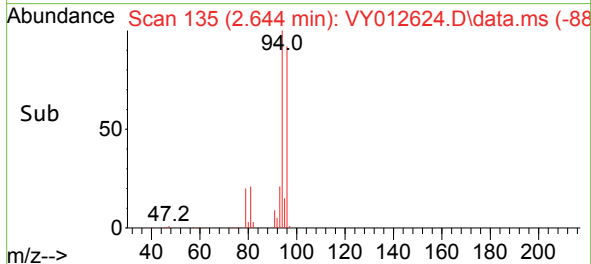
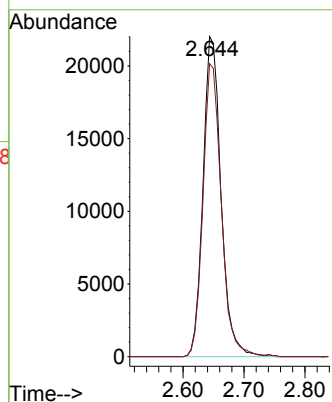
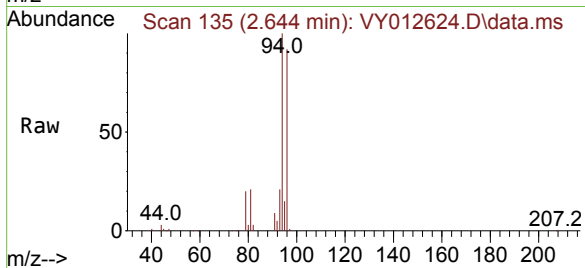
ClientSampleId :

Tgt Ion: 94 Resp: 45342

Ion Ratio Lower Upper

94 100

96 91.5 74.7 112.1



#6

Chloroethane

Concen: 46.941 ug/l

RT: 2.790 min Scan# 159

Delta R.T. -0.006 min

Lab File: VY012624.D

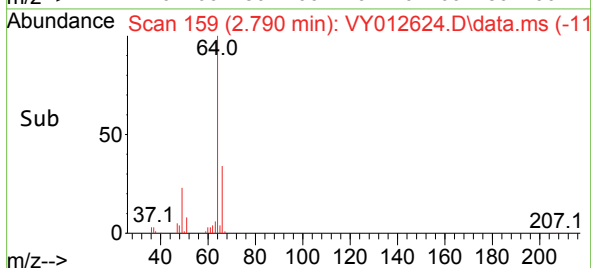
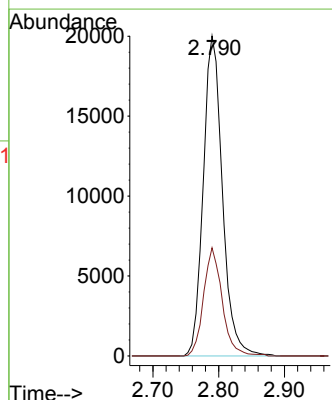
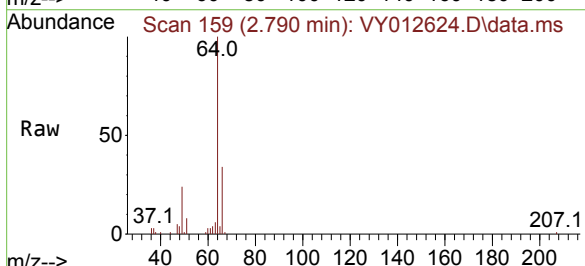
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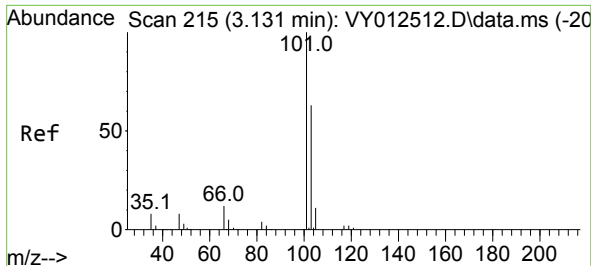
Tgt Ion: 64 Resp: 40559

Ion Ratio Lower Upper

64 100

66 33.8 25.7 38.5

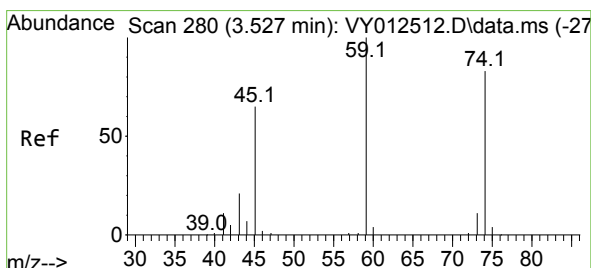
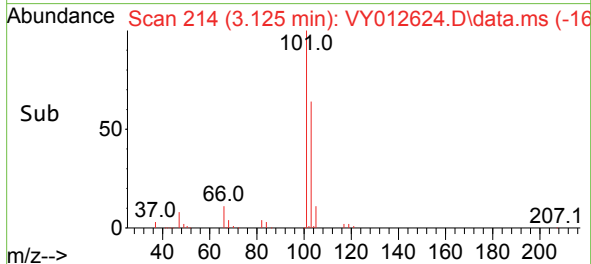
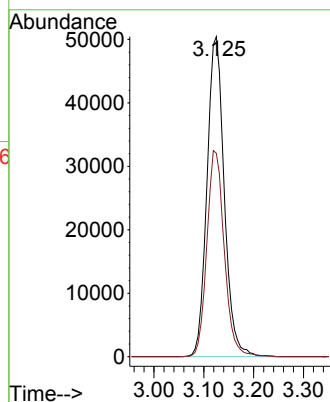
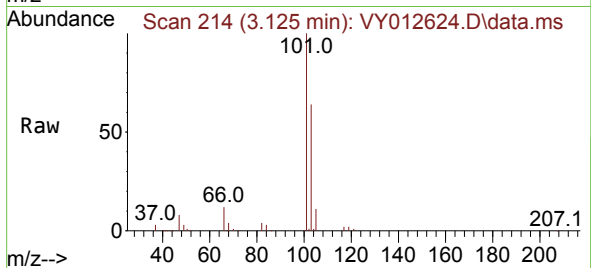




#7
 Trichlorofluoromethane
 Concen: 47.598 ug/l
 RT: 3.125 min Scan# 215
 Delta R.T. -0.006 min
 Lab File: VY012624.D
 Acq: 15 Feb 2023 19:08

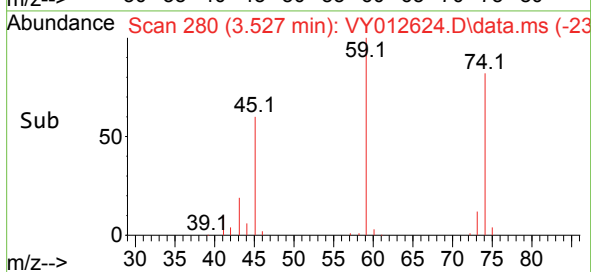
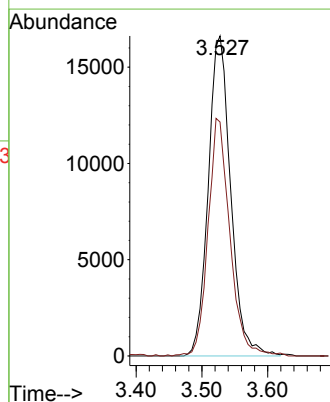
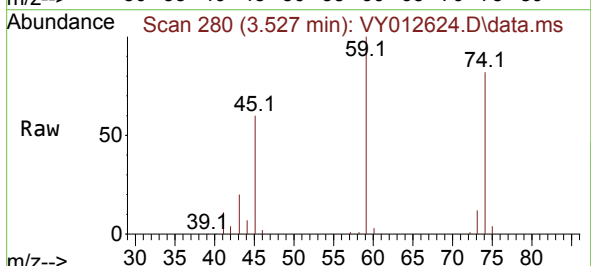
Instrument :
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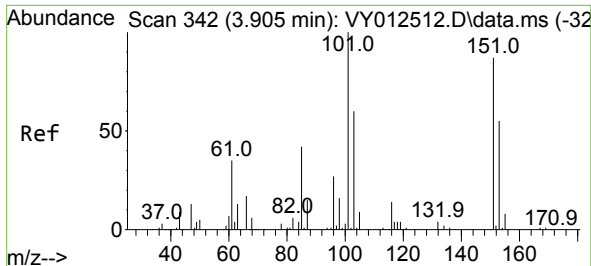
Tgt Ion:101 Resp: 121446
 Ion Ratio Lower Upper
 101 100
 103 63.6 50.1 75.1



#8
 Diethyl Ether
 Concen: 52.188 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY012624.D
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Tgt Ion: 74 Resp: 39484
 Ion Ratio Lower Upper
 74 100
 45 72.3 37.8 113.4

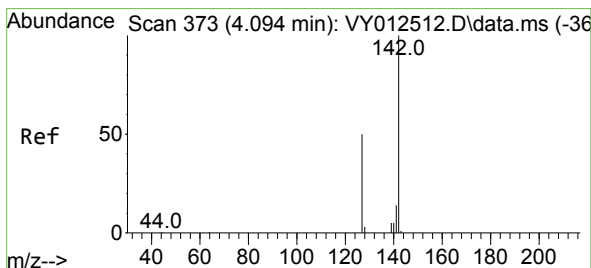
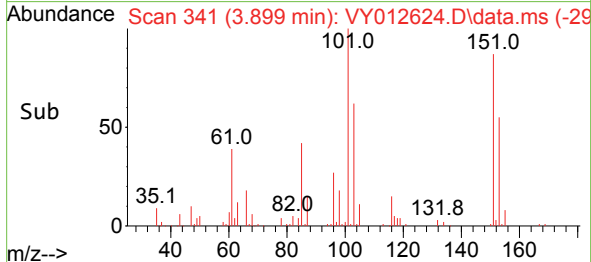
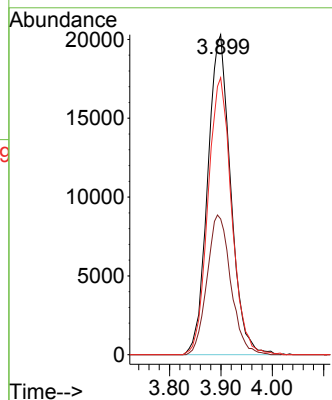
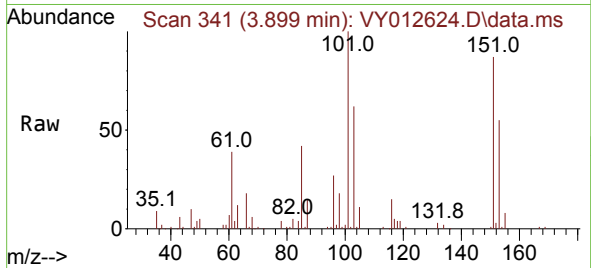




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.911 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY012624.D
Acq: 15 Feb 2023 19:08

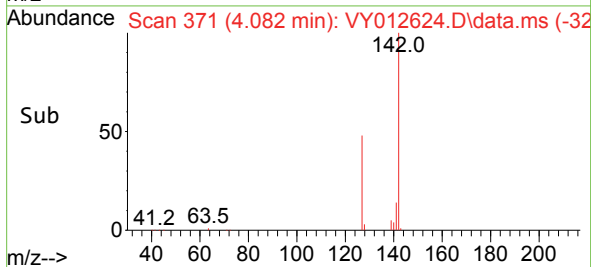
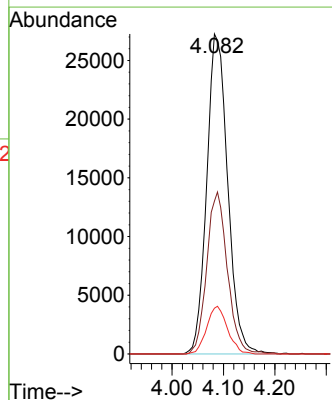
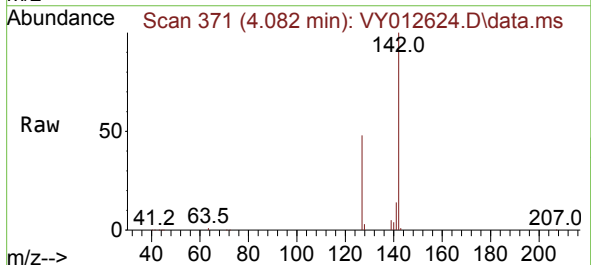
Instrument :
MSVOA_Y
ClientSampleId :

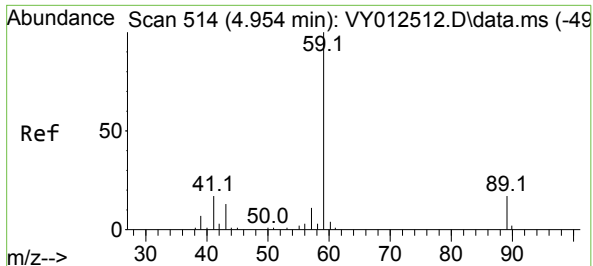
Tgt Ion:101 Resp: 63019
Ion Ratio Lower Upper
101 100
85 45.1 36.1 54.1
151 88.9 70.7 106.1



#10
Methyl Iodide
Concen: 46.272 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.012 min
Lab File: VY012624.D
Acq: 15 Feb 2023 19:08

Tgt Ion:142 Resp: 77290
Ion Ratio Lower Upper
142 100
127 49.8 39.8 59.6
141 14.8 11.6 17.4

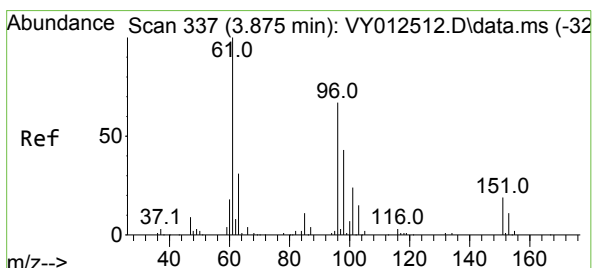
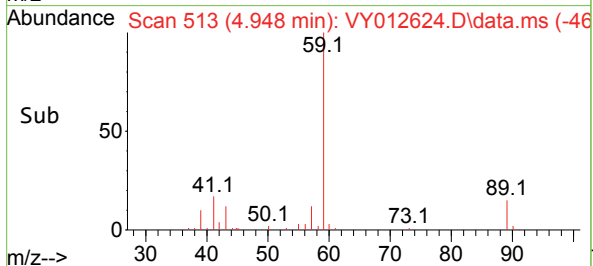
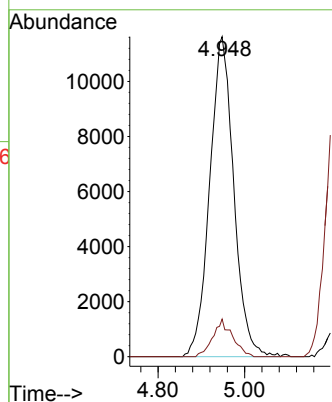
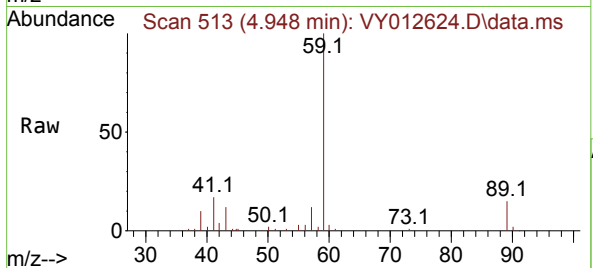




#11
Tert butyl alcohol
Concen: 286.841 ug/l
RT: 4.948 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY012624.D
Acq: 15 Feb 2023 19:08

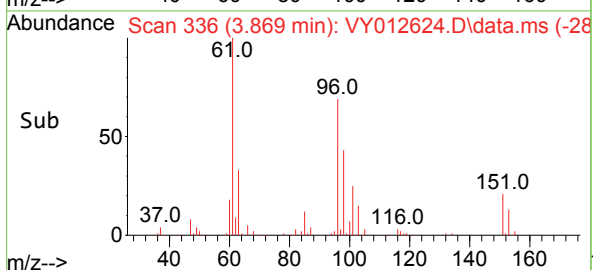
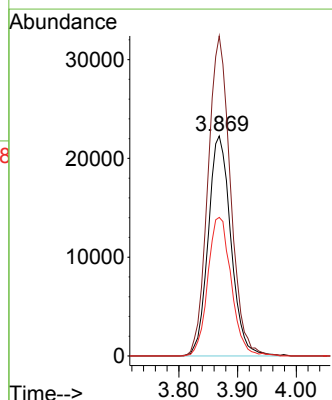
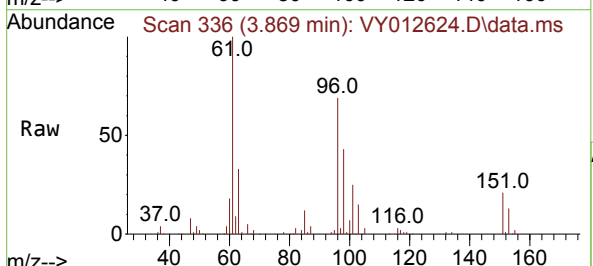
Instrument :
MSVOA_Y
ClientSampleId :

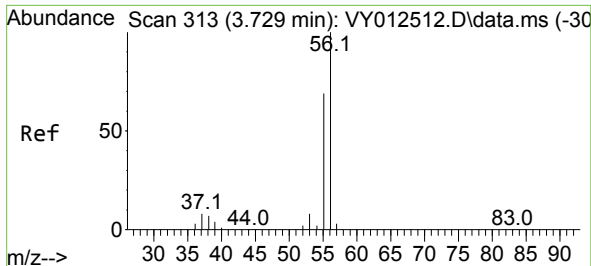
Tgt Ion: 59 Resp: 44827
Ion Ratio Lower Upper
59 100
57 9.6 7.2 10.8



#12
1,1-Dichloroethene
Concen: 46.986 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY012624.D
Acq: 15 Feb 2023 19:08

Tgt Ion: 96 Resp: 59817
Ion Ratio Lower Upper
96 100
61 145.5 119.4 179.2
98 63.0 51.9 77.9





#13

Acrolein

Concen: 183.788 ug/l

RT: 3.723 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY012624.D

Acq: 15 Feb 2023 19:08

Instrument :

MSVOA_Y

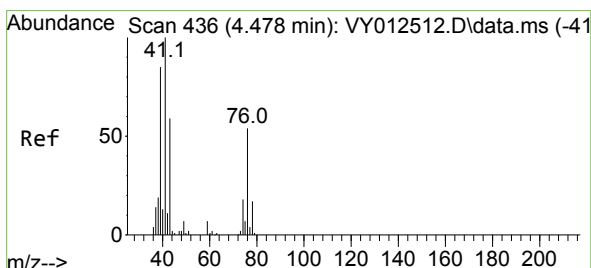
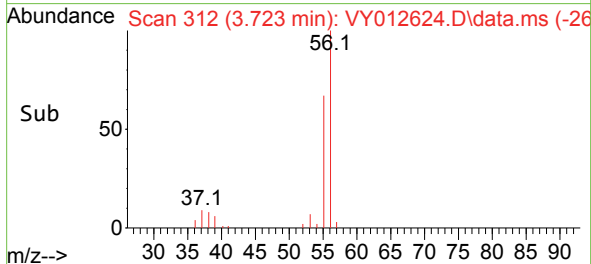
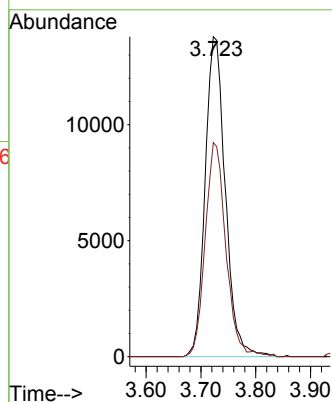
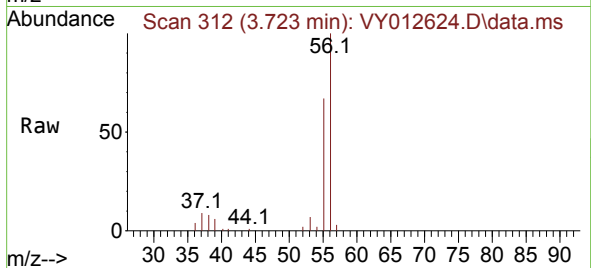
ClientSampleId :

Tgt Ion: 56 Resp: 35135

Ion Ratio Lower Upper

56 100

55 68.8 57.0 85.4



#14

Allyl chloride

Concen: 48.132 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY012624.D

Acq: 15 Feb 2023 19:08

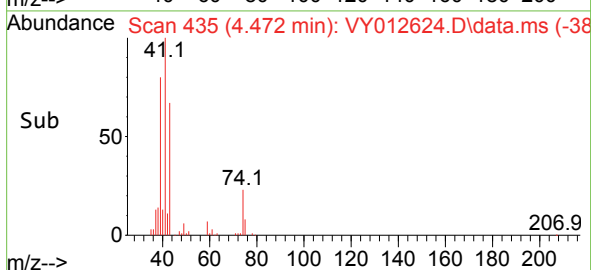
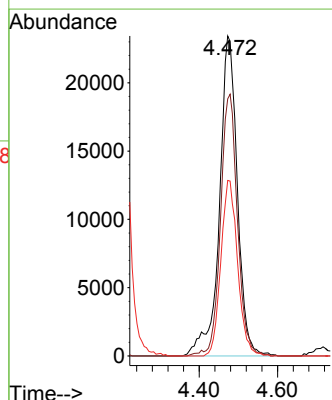
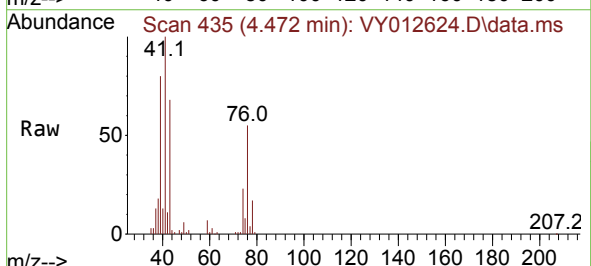
Tgt Ion: 41 Resp: 74712

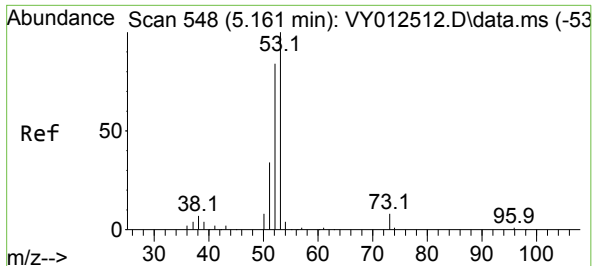
Ion Ratio Lower Upper

41 100

39 77.3 62.6 94.0

76 51.1 39.6 59.4





#15

Acrylonitrile

Concen: 285.804 ug/l

RT: 5.161 min Scan# 54

Delta R.T. 0.000 min

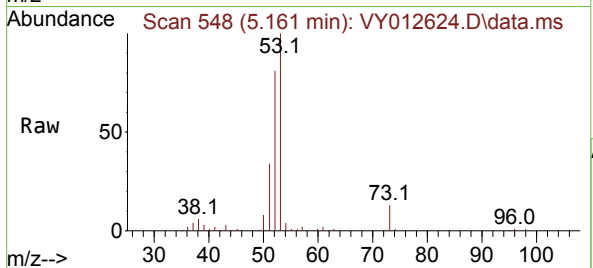
Lab File: VY012624.D

Acq: 15 Feb 2023 19:08

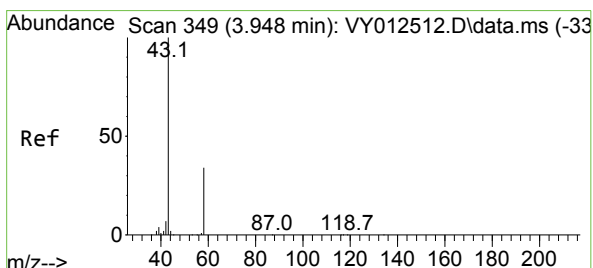
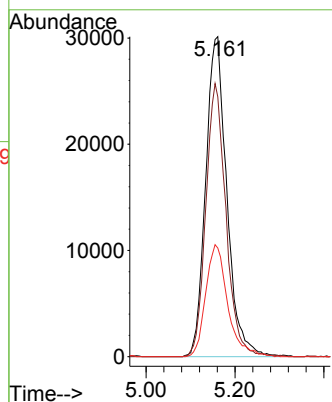
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 53	Resp: 99760
Ion Ratio	Lower Upper
53 100	
52 81.2	65.0 97.4
51 36.5	28.7 43.1



#16

Acetone

Concen: 233.295 ug/l

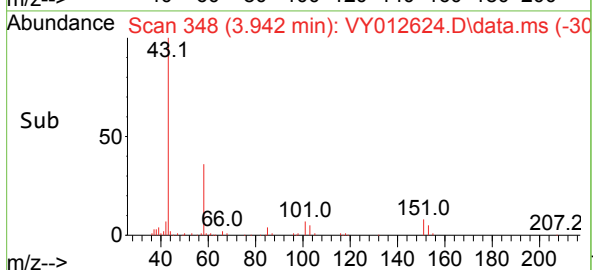
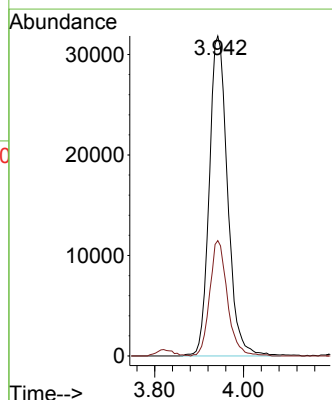
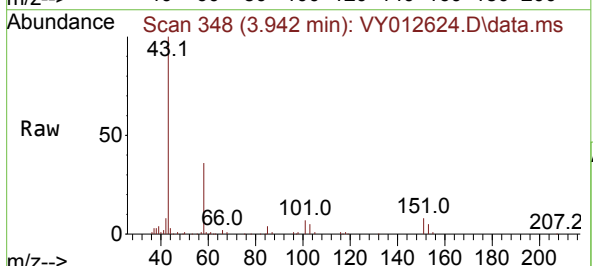
RT: 3.942 min Scan# 348

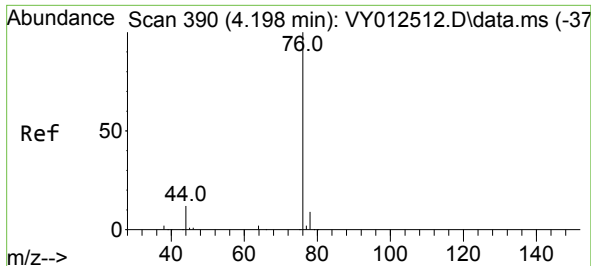
Delta R.T. -0.006 min

Lab File: VY012624.D

Acq: 15 Feb 2023 19:08

Tgt Ion: 43	Resp: 91310
Ion Ratio	Lower Upper
43 100	
58 36.0	27.1 40.7

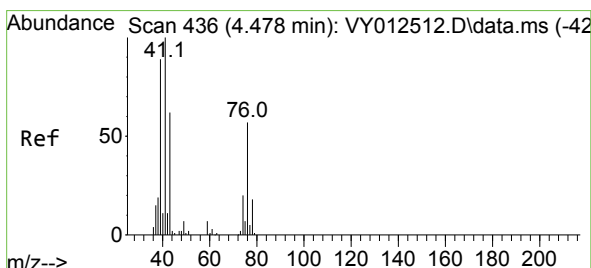
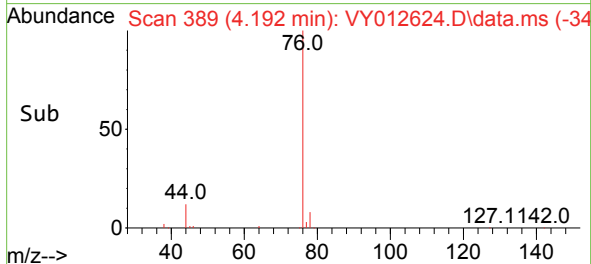
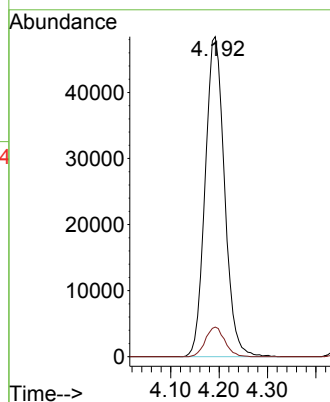
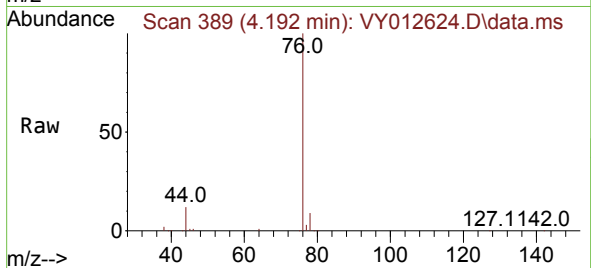




#17
Carbon Disulfide
Concen: 40.775 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY012624.D
Acq: 15 Feb 2023 19:08

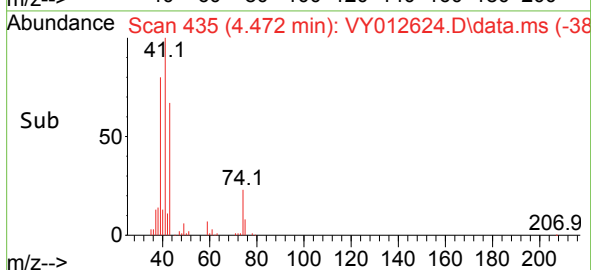
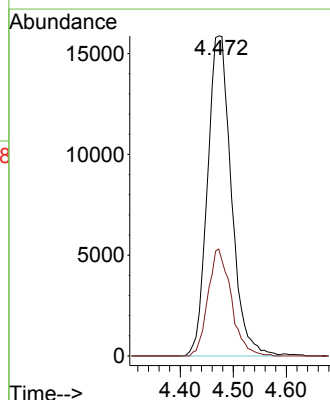
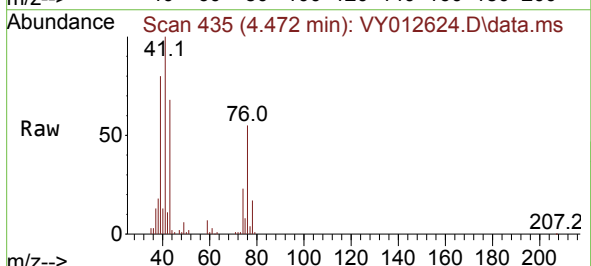
Instrument :
MSVOA_Y
ClientSampleId :

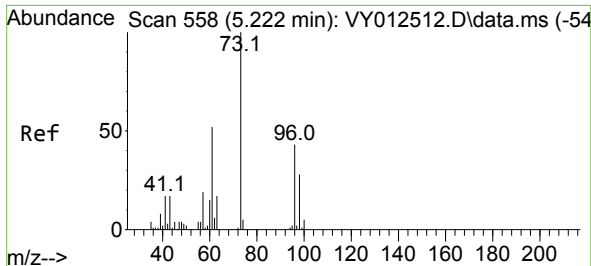
Tgt Ion: 76 Resp: 134642
Ion Ratio Lower Upper
76 100
78 9.3 6.9 10.3



#18
Methyl Acetate
Concen: 52.716 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY012624.D
Acq: 15 Feb 2023 19:08

Tgt Ion: 43 Resp: 49592
Ion Ratio Lower Upper
43 100
74 32.6 25.6 38.4





#19

Methyl tert-butyl Ether

Concen: 56.668 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY012624.D

Acq: 15 Feb 2023 19:08

Instrument :

MSVOA_Y

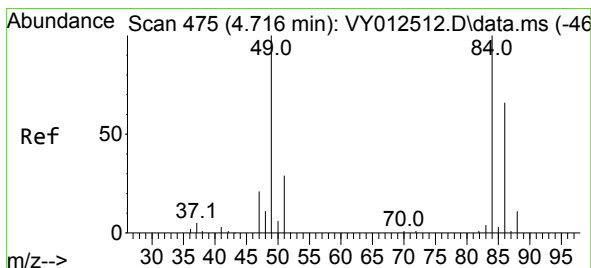
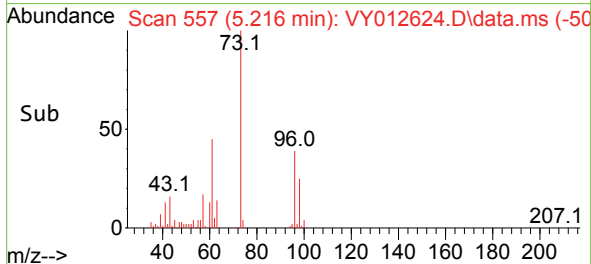
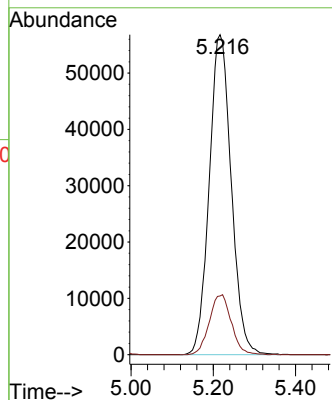
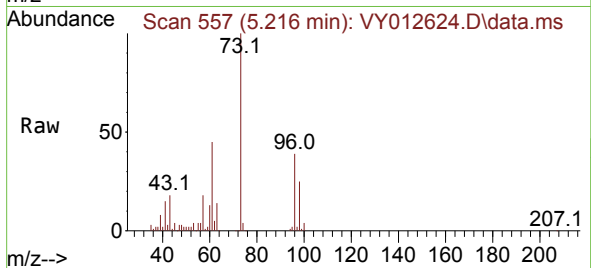
ClientSampleId :

Tgt Ion: 73 Resp: 211104

Ion Ratio Lower Upper

73 100

57 18.3 15.3 22.9



#20

Methylene Chloride

Concen: 55.771 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY012624.D

Acq: 15 Feb 2023 19:08

Tgt Ion: 84 Resp: 80835

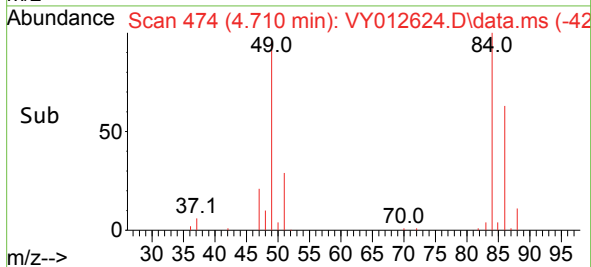
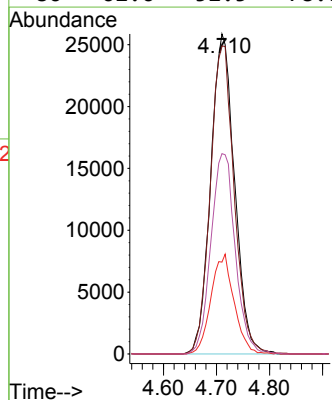
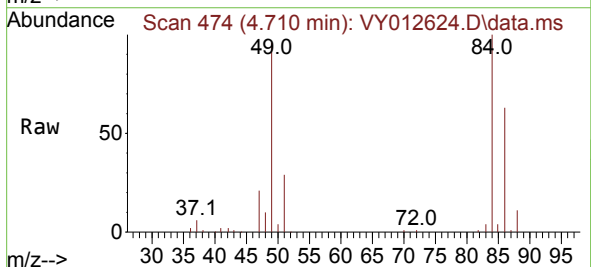
Ion Ratio Lower Upper

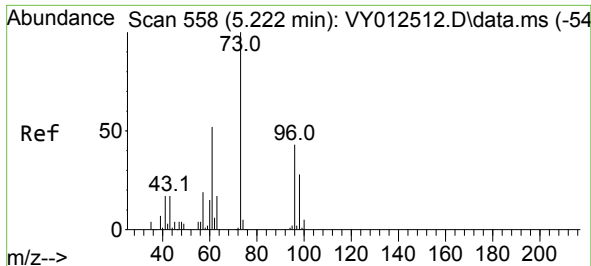
84 100

49 96.3 79.8 119.6

51 28.7 23.4 35.2

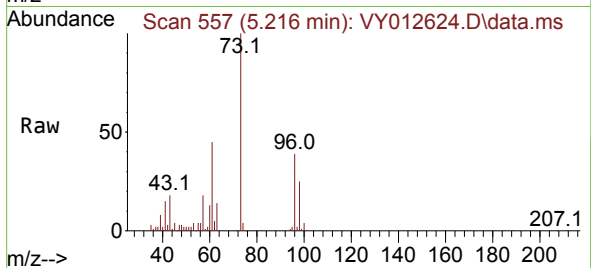
86 62.6 52.5 78.7



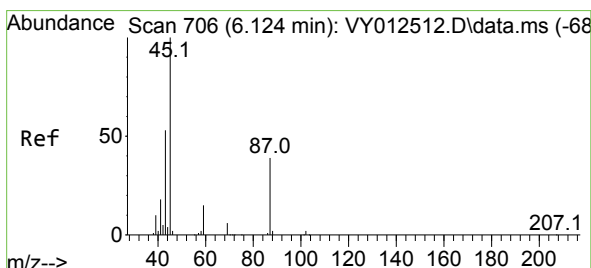
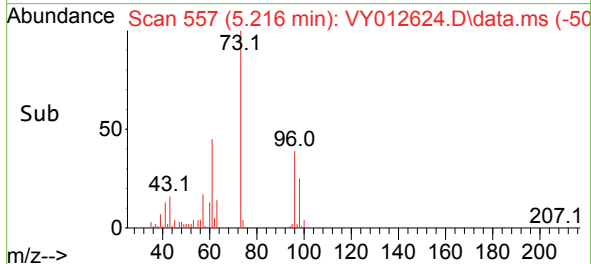
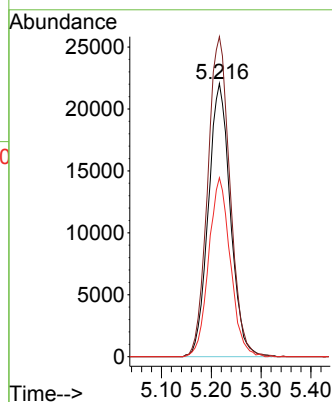


#21
trans-1,2-Dichloroethene
Concen: 48.738 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY012624.D
Acq: 15 Feb 2023 19:08

Instrument :
MSVOA_Y
ClientSampleId :

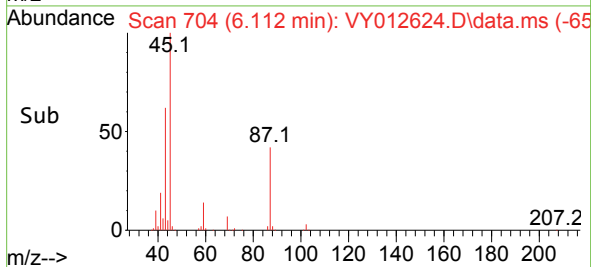
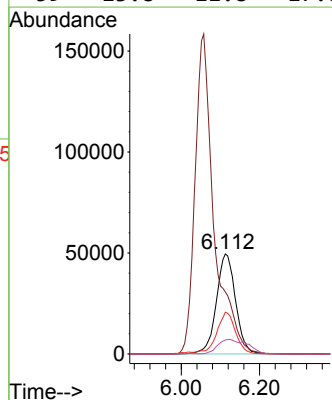
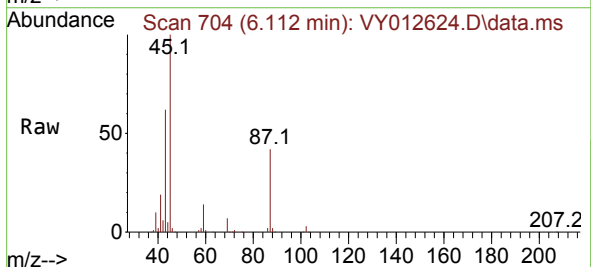


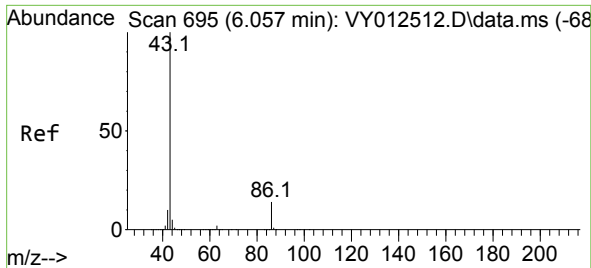
Tgt Ion: 96 Resp: 67669
Ion Ratio Lower Upper
96 100
61 117.2 96.2 144.4
98 65.5 51.6 77.4



#22
Diisopropyl ether
Concen: 53.401 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY012624.D
Acq: 15 Feb 2023 19:08

Tgt Ion: 45 Resp: 168546
Ion Ratio Lower Upper
45 100
43 61.7 45.9 68.9
87 41.8 32.2 48.4
59 13.8 11.8 17.8

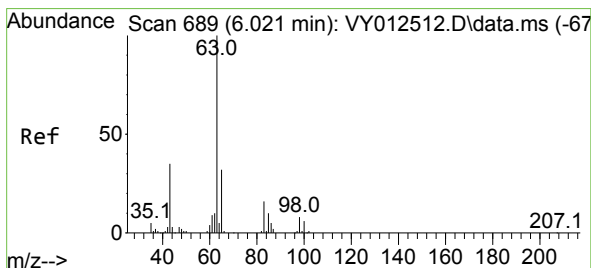
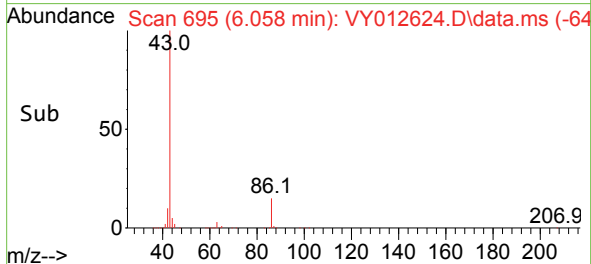
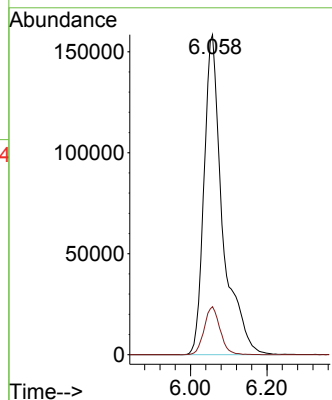
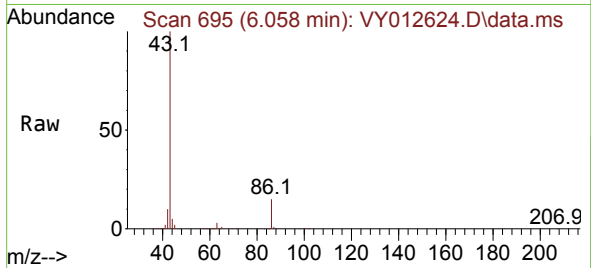




#23
 Vinyl Acetate
 Concen: 280.756 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY012624.D
 Acq: 15 Feb 2023 19:08

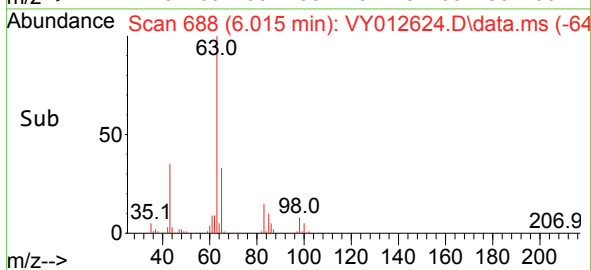
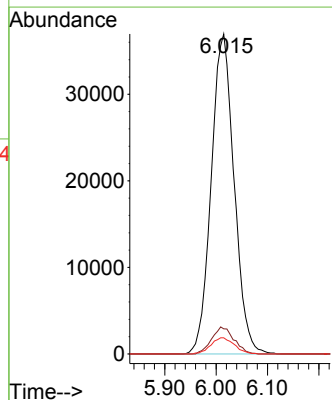
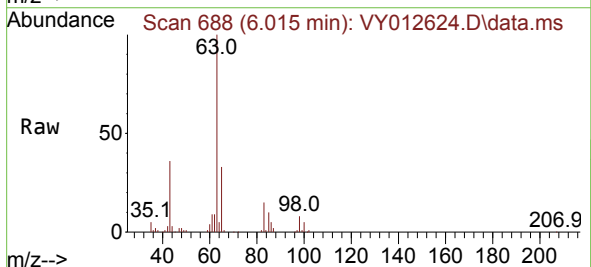
Instrument :
 MSVOA_Y
 ClientSampleId :

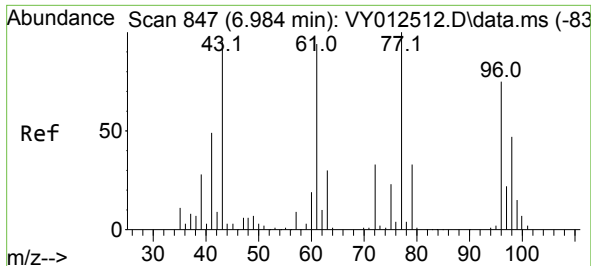
Tgt Ion: 43 Resp: 534199
 Ion Ratio Lower Upper
 43 100
 86 15.0 11.5 17.3



#24
 1,1-Dichloroethane
 Concen: 50.713 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY012624.D
 Acq: 15 Feb 2023 19:08

Tgt Ion: 63 Resp: 114423
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.1 12.3
 100 5.1 2.9 8.8





#25

2-Butanone

Concen: 266.706 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY012624.D

Acq: 15 Feb 2023 19:08

Instrument :

MSVOA_Y

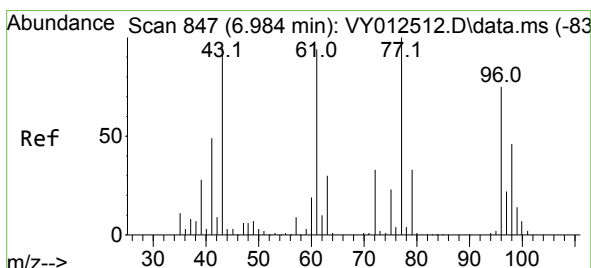
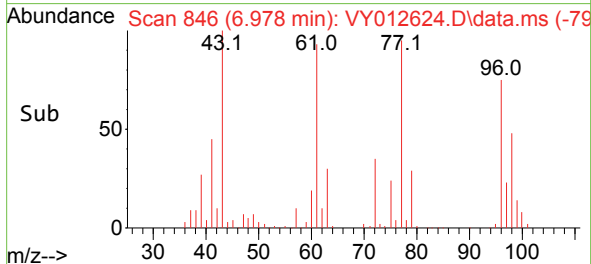
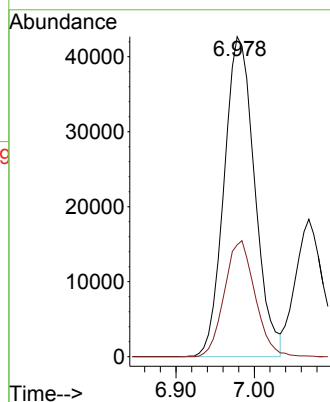
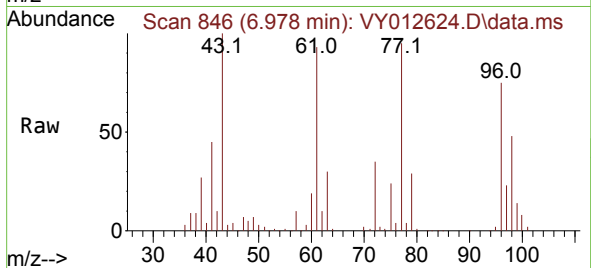
ClientSampleId :

Tgt Ion: 43 Resp: 115818

Ion Ratio Lower Upper

43 100

72 35.0 27.4 41.2



#26

2,2-Dichloropropane

Concen: 49.514 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY012624.D

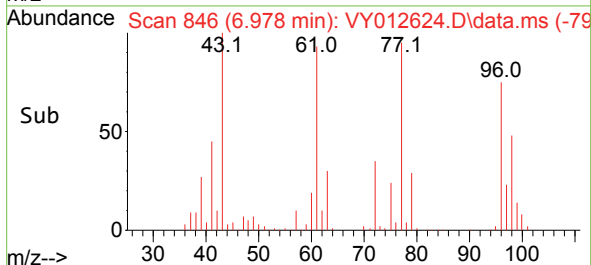
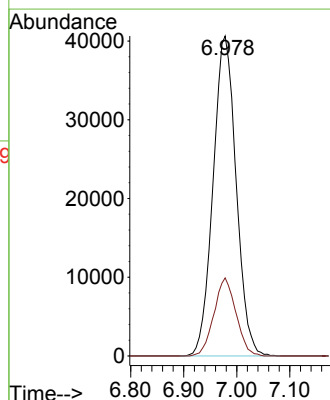
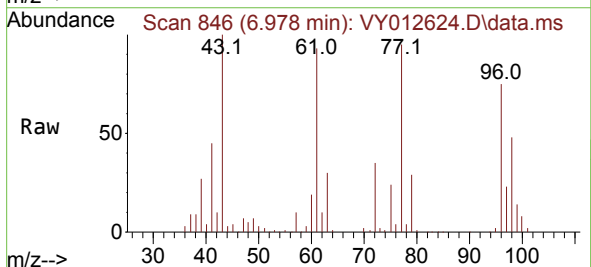
Acq: 15 Feb 2023 19:08

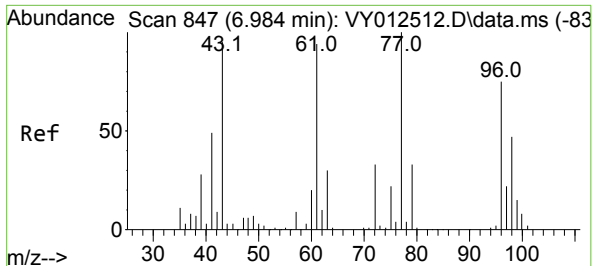
Tgt Ion: 77 Resp: 122747

Ion Ratio Lower Upper

77 100

97 23.3 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 52.003 ug/l

RT: 6.978 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY012624.D

Acq: 15 Feb 2023 19:08

Instrument :

MSVOA_Y

ClientSampleId :

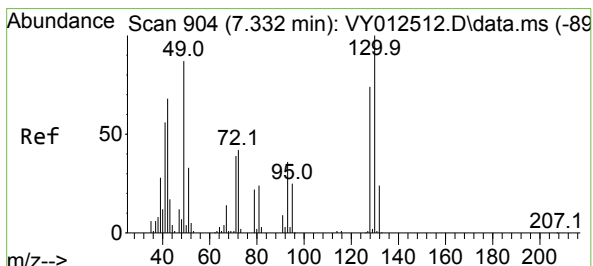
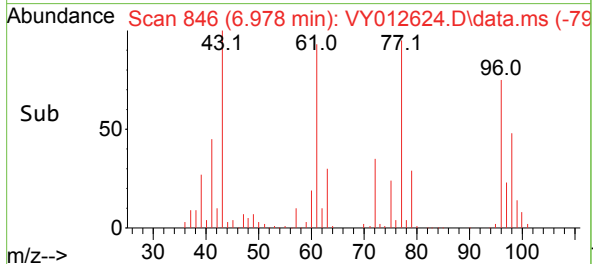
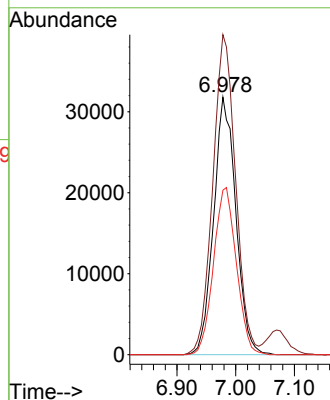
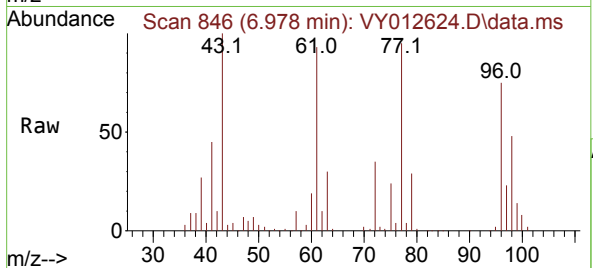
Tgt Ion: 96 Resp: 83789

Ion Ratio Lower Upper

96 100

61 127.2 0.0 259.2

98 66.5 0.0 129.0



#28

Bromochloromethane

Concen: 55.692 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY012624.D

Acq: 15 Feb 2023 19:08

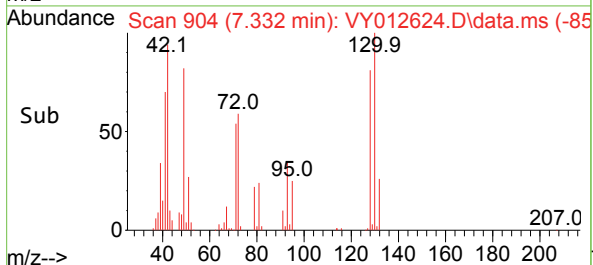
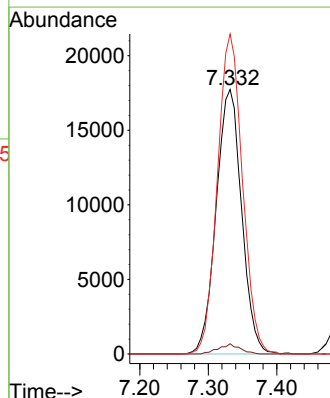
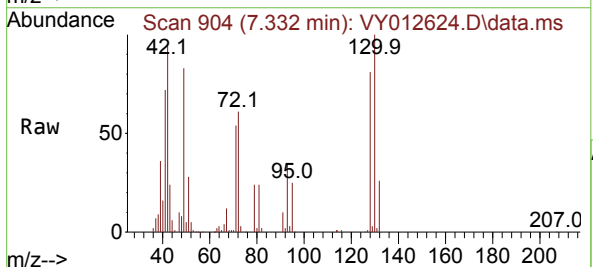
Tgt Ion: 49 Resp: 45677

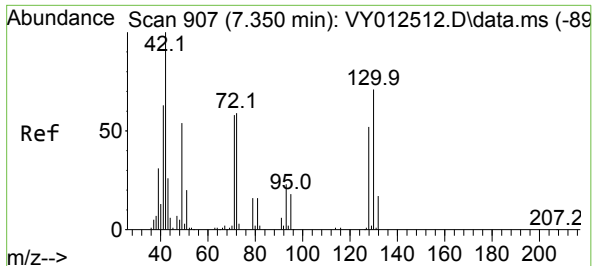
Ion Ratio Lower Upper

49 100

129 3.2 0.0 6.0

130 119.0 93.1 139.7





#29

Tetrahydrofuran

Concen: 292.812 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY012624.D

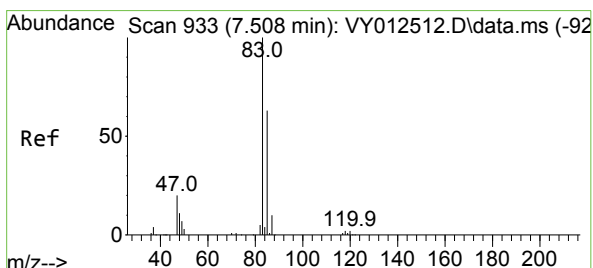
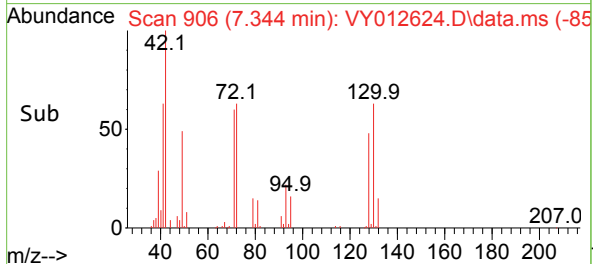
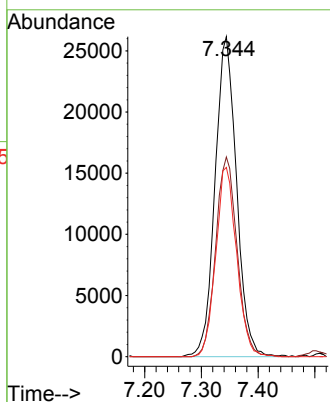
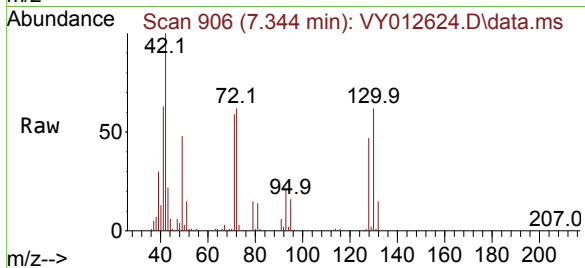
Acq: 15 Feb 2023 19:08

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	68742
Ion	Ratio	Lower	Upper
42	100		
72	62.3	47.0	70.6
71	57.7	44.6	66.8



#30

Chloroform

Concen: 52.371 ug/l

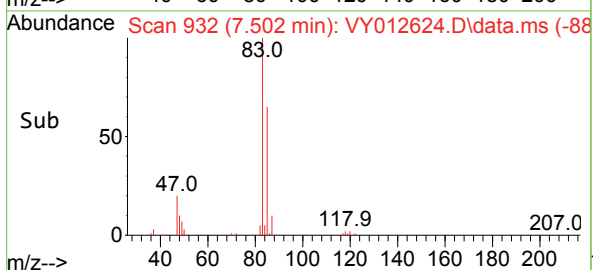
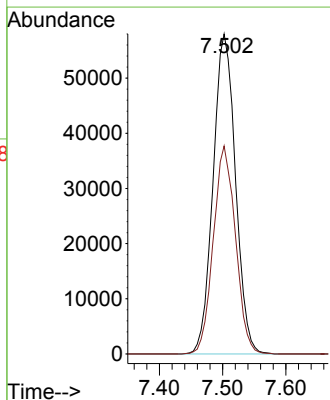
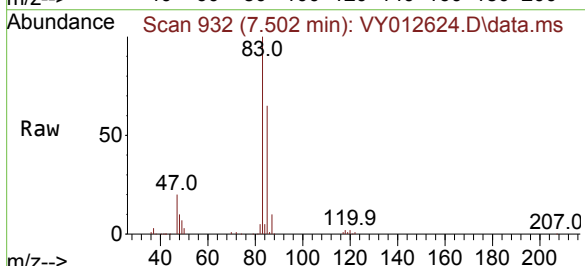
RT: 7.502 min Scan# 932

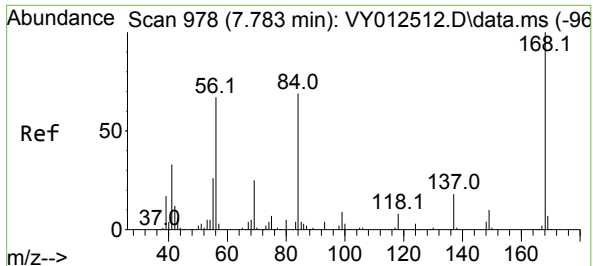
Delta R.T. -0.006 min

Lab File: VY012624.D

Acq: 15 Feb 2023 19:08

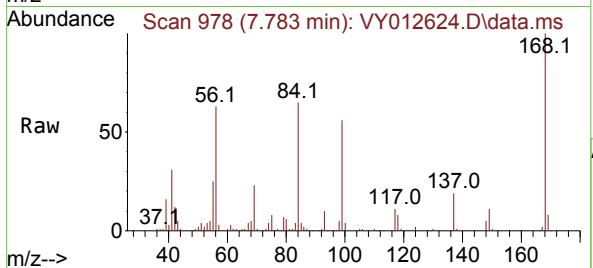
Tgt Ion:	83	Resp:	142466
Ion	Ratio	Lower	Upper
83	100		
85	65.0	50.8	76.2



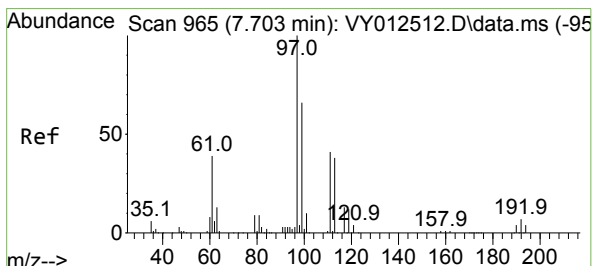
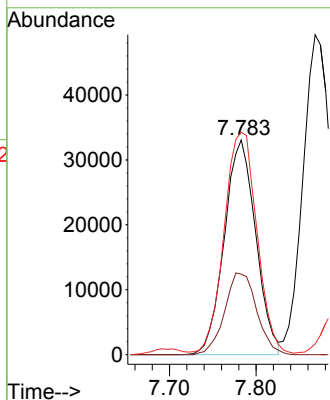
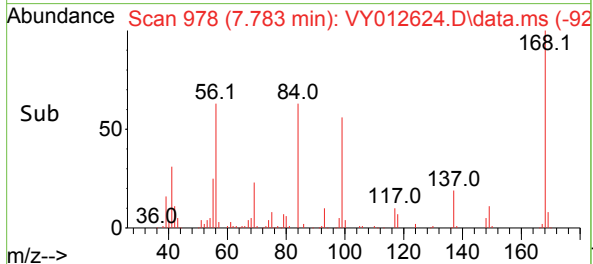


#31
Cyclohexane
Concen: 44.341 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012624.D
Acq: 15 Feb 2023 19:08

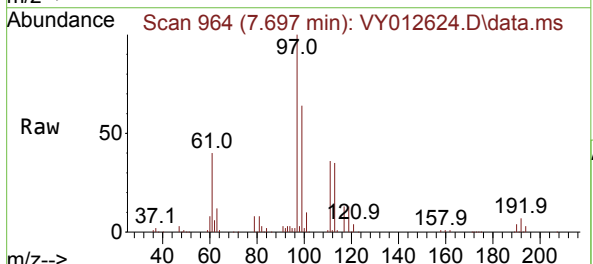
Instrument :
MSVOA_Y
ClientSampleId :



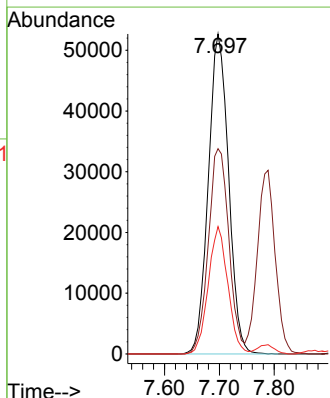
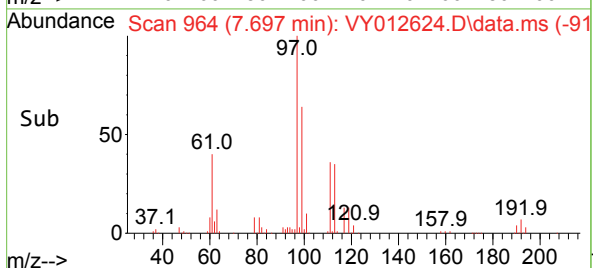
Tgt Ion: 56 Resp: 83368
Ion Ratio Lower Upper
56 100
69 37.5 29.5 44.3
84 101.5 81.9 122.9

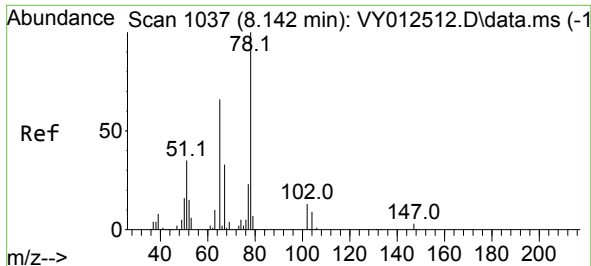


#32
1,1,1-Trichloroethane
Concen: 51.118 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY012624.D
Acq: 15 Feb 2023 19:08



Tgt Ion: 97 Resp: 134941
Ion Ratio Lower Upper
97 100
99 65.4 51.1 76.7
61 38.4 30.5 45.7

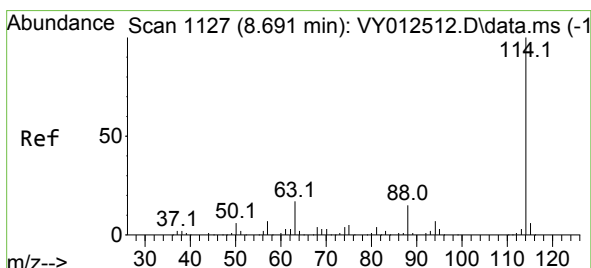
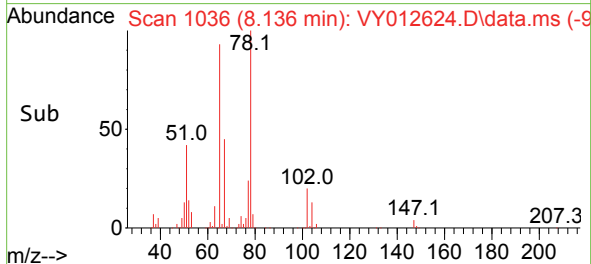
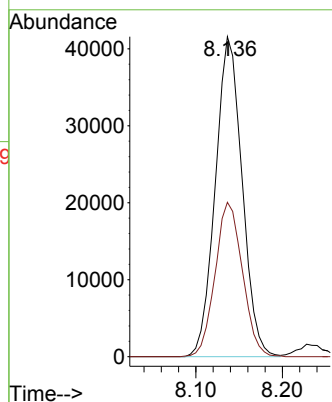
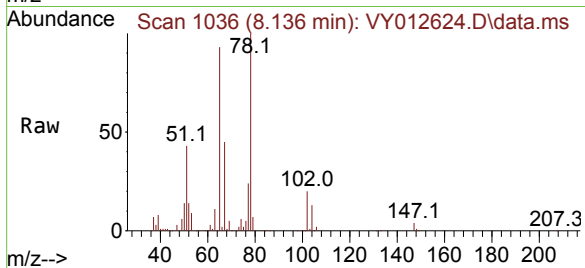




#33
 1,2-Dichloroethane-d4
 Concen: 54.888 ug/l
 RT: 8.136 min Scan# 1103
 Delta R.T. -0.006 min
 Lab File: VY012624.D
 Acq: 15 Feb 2023 19:08

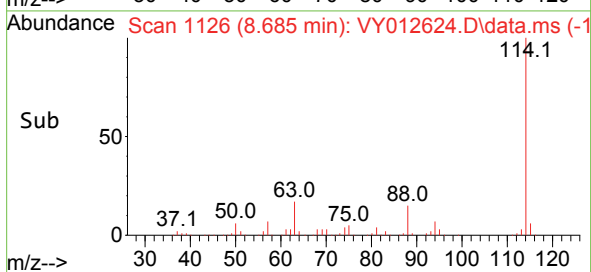
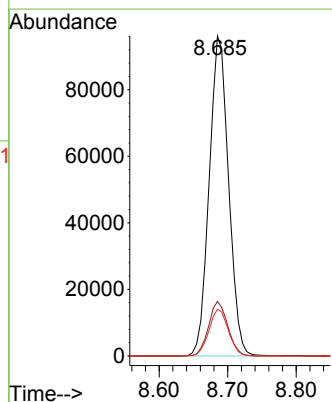
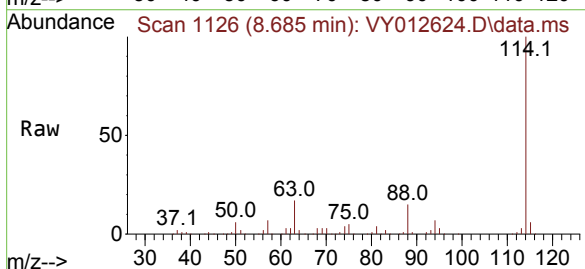
Instrument :
 MSVOA_Y
 ClientSampleId :

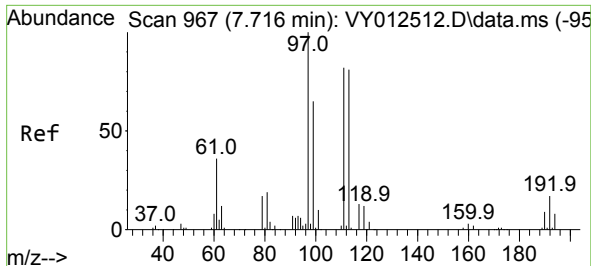
Tgt Ion: 65 Resp: 89257
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY012624.D
 Acq: 15 Feb 2023 19:08

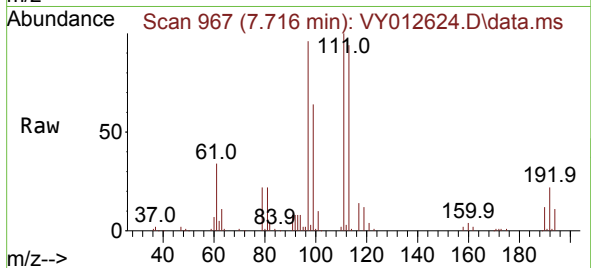
Tgt Ion:114 Resp: 189065
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 33.6
 88 14.6 0.0 29.8



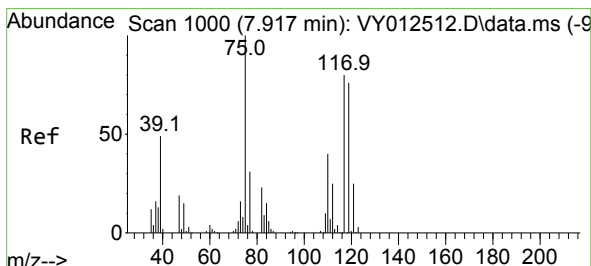
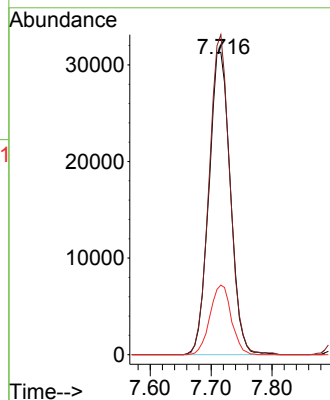
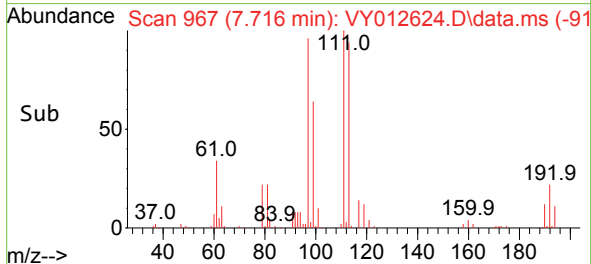


#35
Dibromofluoromethane
Concen: 55.705 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012624.D
Acq: 15 Feb 2023 19:08

Instrument :
MSVOA_Y
ClientSampleId :

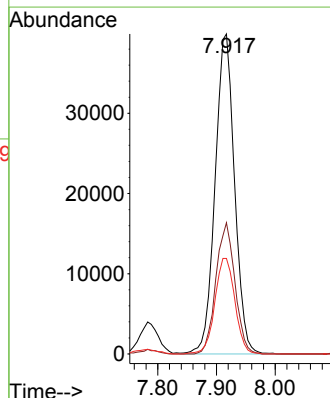
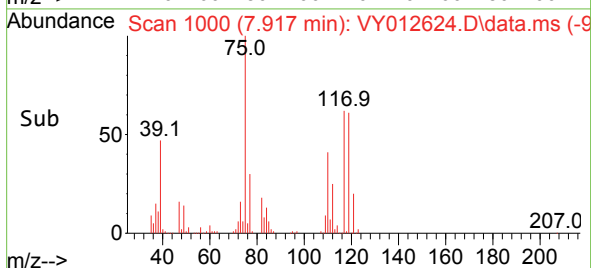
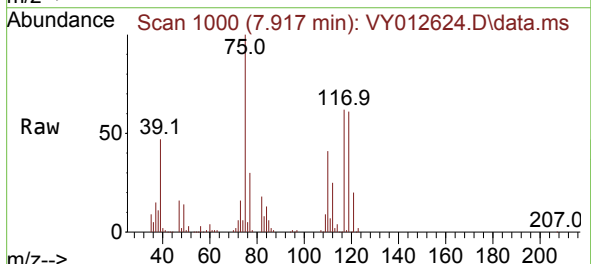


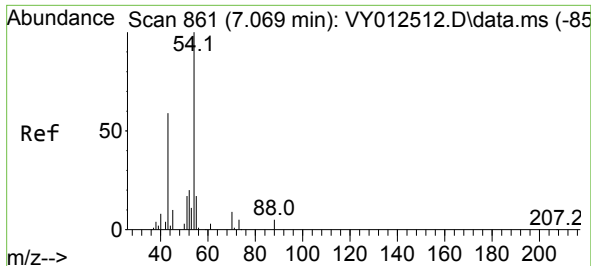
Tgt Ion:113 Resp: 76699
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 22.8 17.5 26.3



#36
1,1-Dichloropropene
Concen: 49.231 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY012624.D
Acq: 15 Feb 2023 19:08

Tgt Ion: 75 Resp: 91742
Ion Ratio Lower Upper
75 100
110 40.0 19.5 58.5
77 30.8 24.9 37.3





#37

Ethyl Acetate

Concen: 55.024 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.000 min

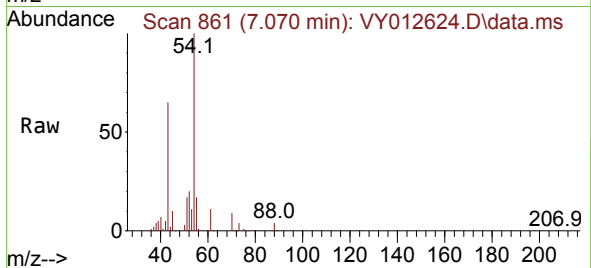
Lab File: VY012624.D

Acq: 15 Feb 2023 19:08

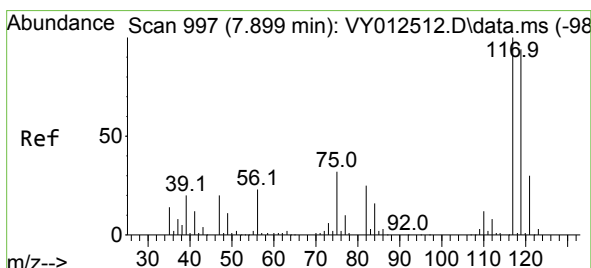
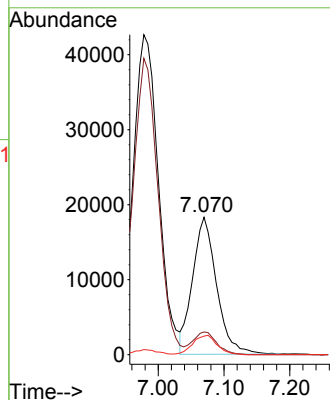
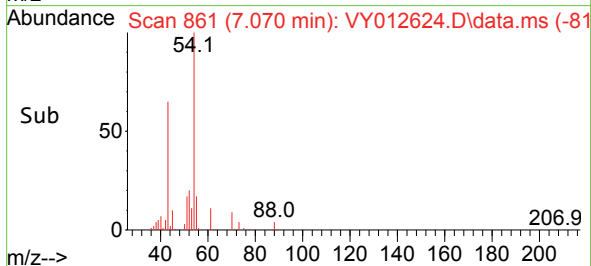
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	46267
Ion	Ratio	Lower	Upper
43	100		
61	16.6	12.5	18.7
70	14.3	11.0	16.4



#38

Carbon Tetrachloride

Concen: 50.919 ug/l

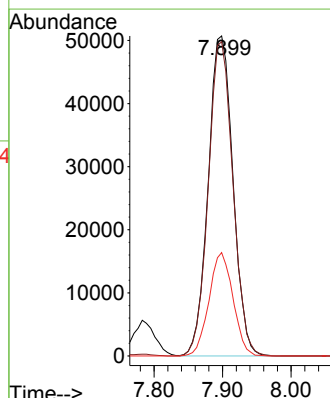
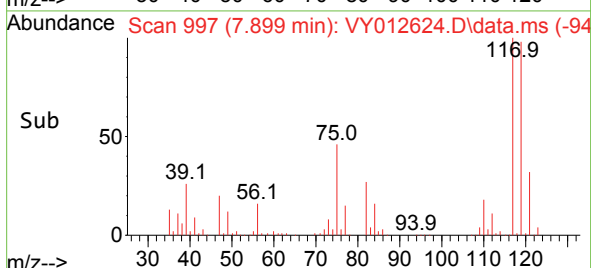
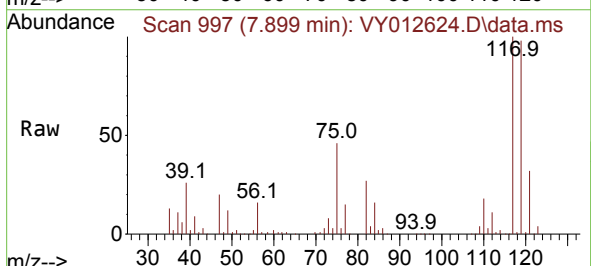
RT: 7.899 min Scan# 997

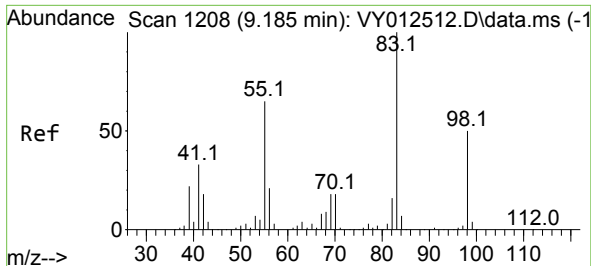
Delta R.T. 0.000 min

Lab File: VY012624.D

Acq: 15 Feb 2023 19:08

Tgt Ion:	117	Resp:	127372
Ion	Ratio	Lower	Upper
117	100		
119	98.2	75.1	112.7
121	32.3	24.3	36.5





#39

Methylcyclohexane

Concen: 48.238 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY012624.D

Acq: 15 Feb 2023 19:08

Instrument :

MSVOA_Y

ClientSampleId :

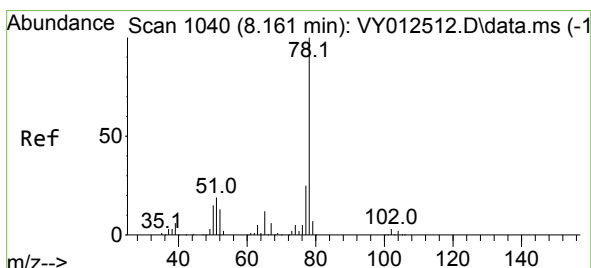
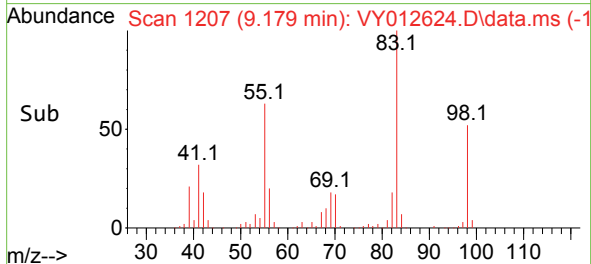
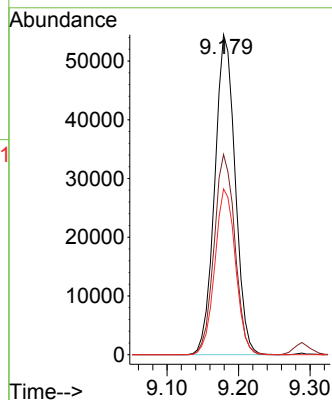
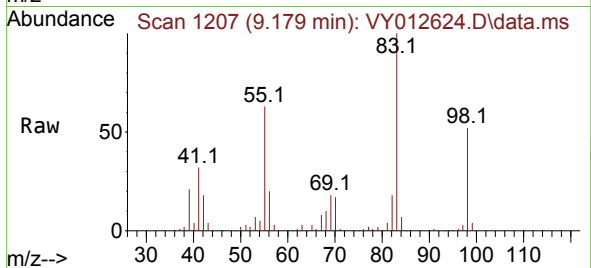
Tgt Ion: 83 Resp: 108166

Ion Ratio Lower Upper

83 100

55 62.5 52.0 78.0

98 51.8 40.4 60.6



#40

Benzene

Concen: 50.584 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY012624.D

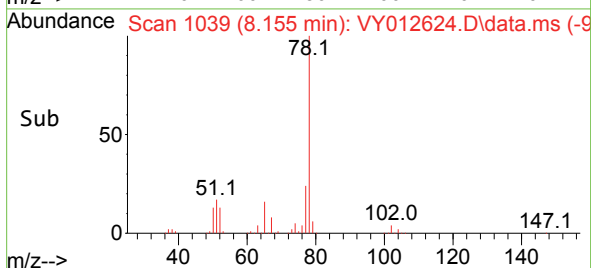
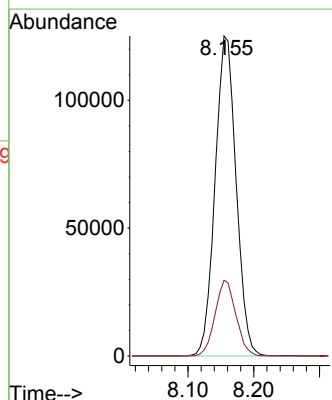
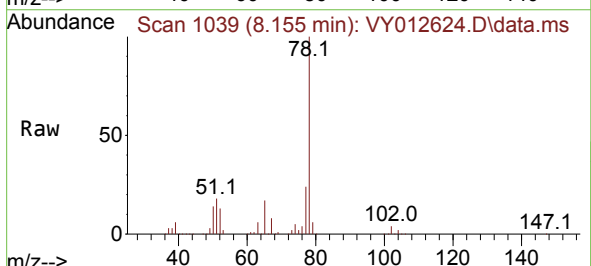
Acq: 15 Feb 2023 19:08

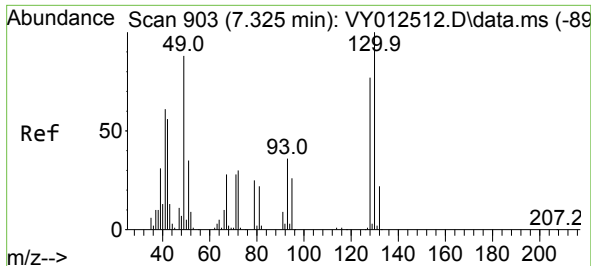
Tgt Ion: 78 Resp: 278411

Ion Ratio Lower Upper

78 100

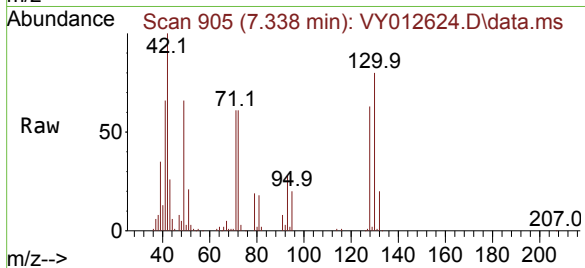
77 23.7 19.9 29.9



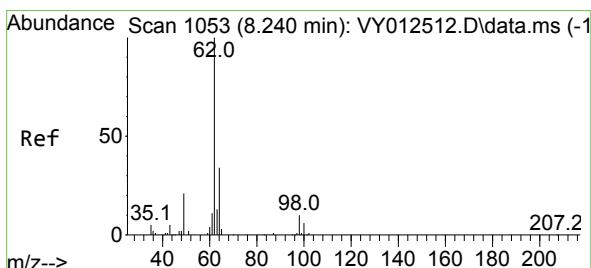
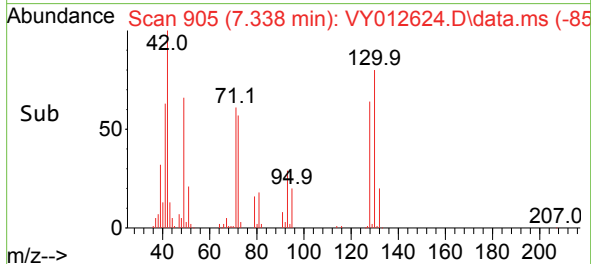
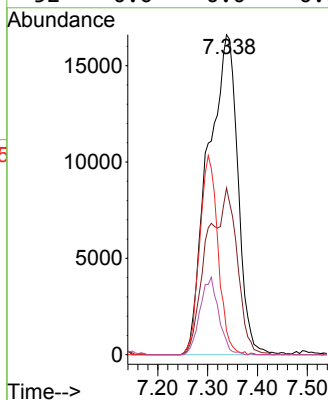


#41
Methacrylonitrile
Concen: 149.664 ug/l
RT: 7.338 min Scan# 903
Delta R.T. 0.012 min
Lab File: VY012624.D
Acq: 15 Feb 2023 19:08

Instrument :
MSVOA_Y
ClientSampleId :

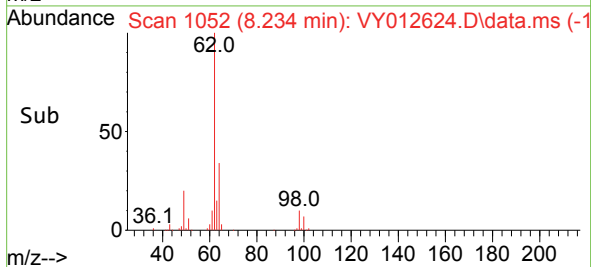
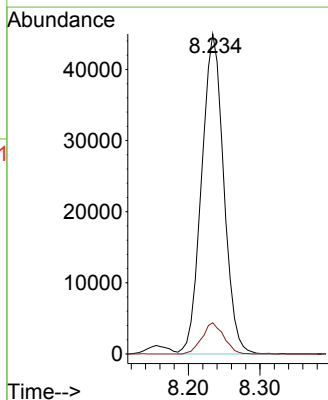
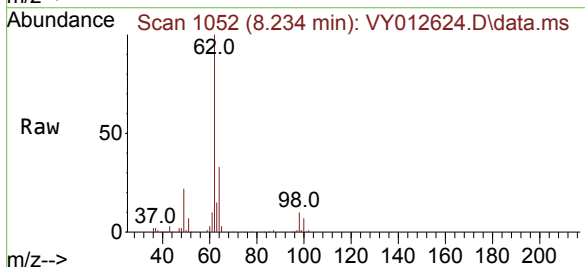


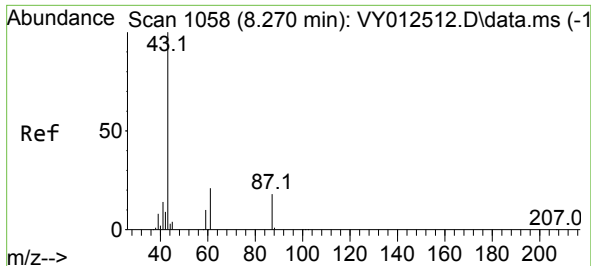
Tgt Ion: 41 Resp: 68946
Ion Ratio Lower Upper
41 100
39 25.8 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 54.138 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY012624.D
Acq: 15 Feb 2023 19:08

Tgt Ion: 62 Resp: 96579
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.2

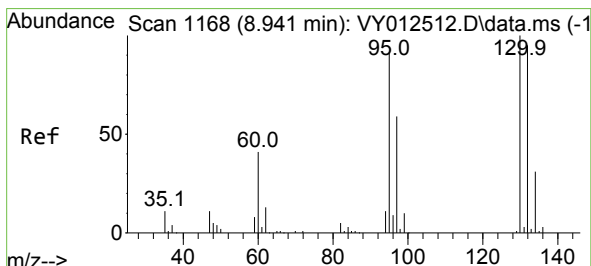
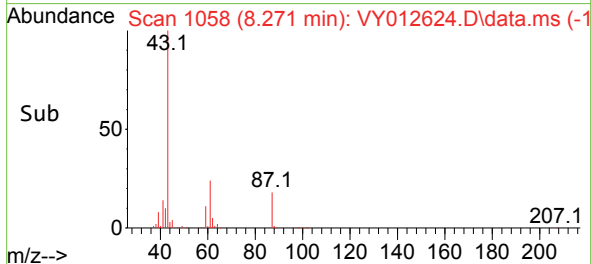
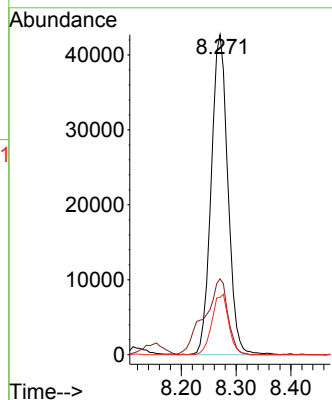
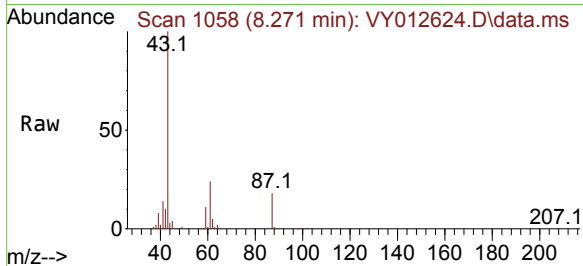




#43
Isopropyl Acetate
Concen: 57.639 ug/l
RT: 8.271 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VY012624.D
Acq: 15 Feb 2023 19:08

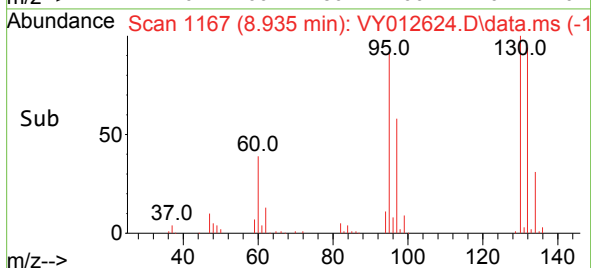
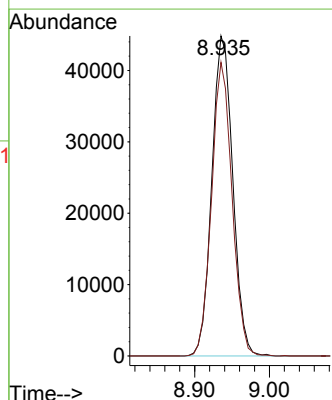
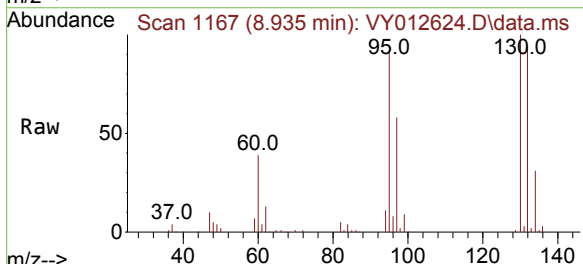
Instrument :
MSVOA_Y
ClientSampleId :

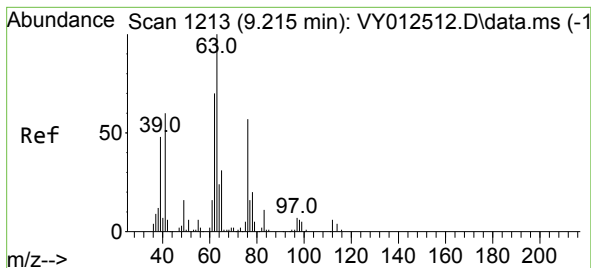
Tgt Ion	Ratio	Lower	Upper
43	100		
61	33.3	27.2	40.8
87	19.0	15.0	22.4



#44
Trichloroethene
Concen: 52.111 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY012624.D
Acq: 15 Feb 2023 19:08

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.8	0.0	181.2





#45

1,2-Dichloropropane

Concen: 52.091 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY012624.D

Acq: 15 Feb 2023 19:08

Instrument :

MSVOA_Y

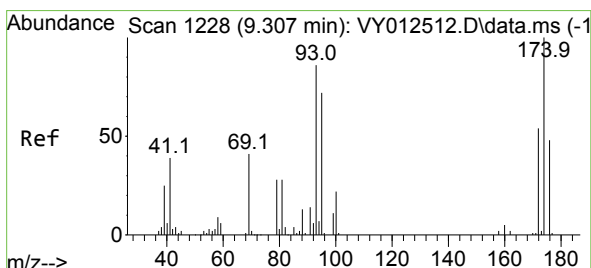
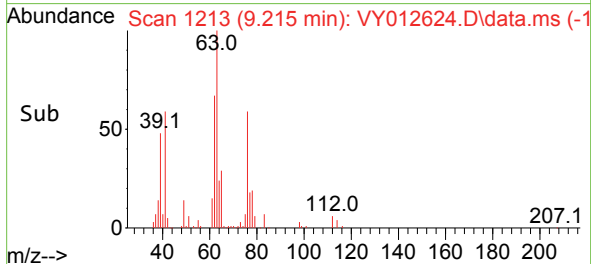
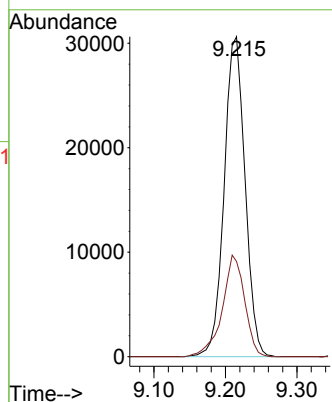
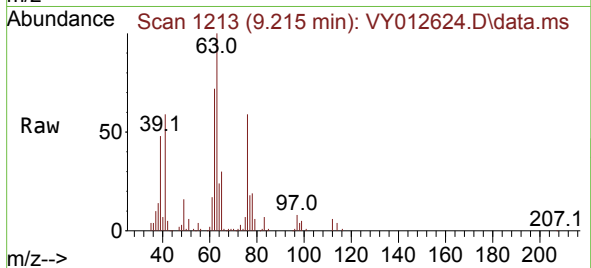
ClientSampleId :

Tgt Ion: 63 Resp: 62169

Ion Ratio Lower Upper

63 100

65 29.7 24.6 37.0



#46

Dibromomethane

Concen: 55.714 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY012624.D

Acq: 15 Feb 2023 19:08

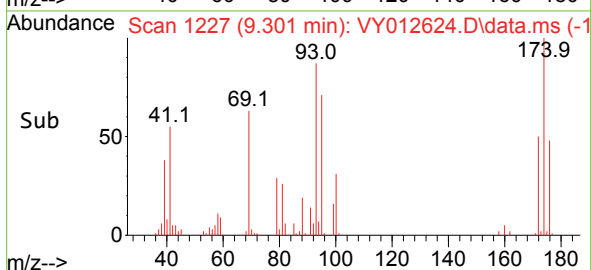
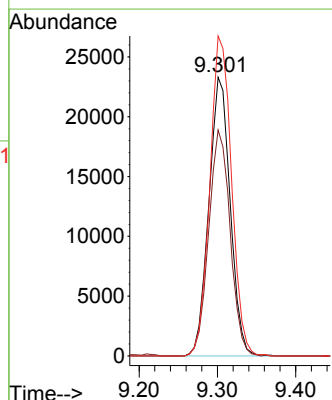
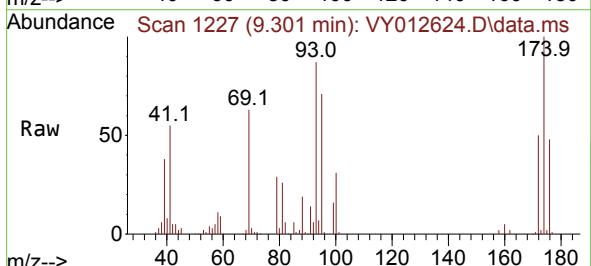
Tgt Ion: 93 Resp: 44027

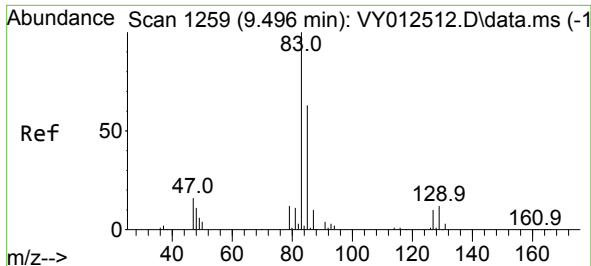
Ion Ratio Lower Upper

93 100

95 81.5 65.8 98.8

174 116.9 93.4 140.2

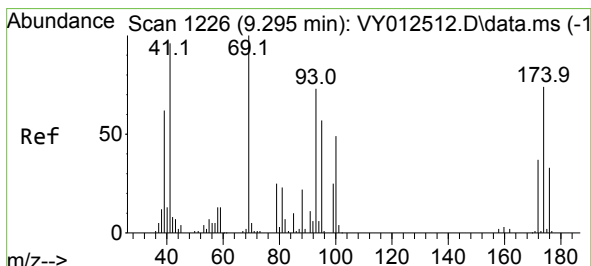
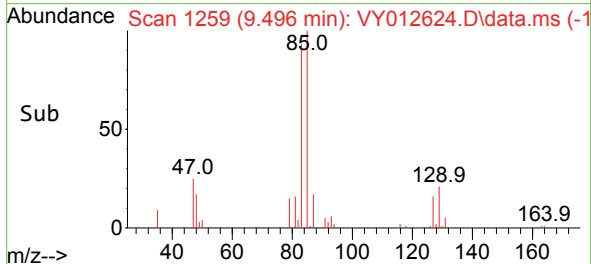
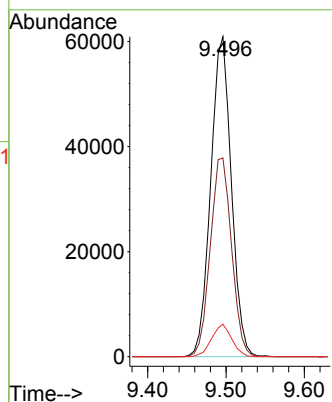
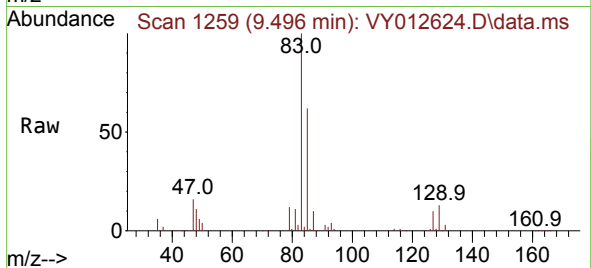




#47
Bromodichloromethane
Concen: 54.305 ug/l
RT: 9.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012624.D
Acq: 15 Feb 2023 19:08

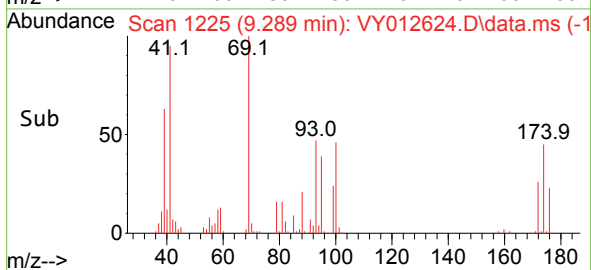
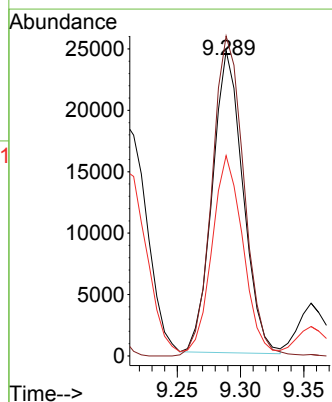
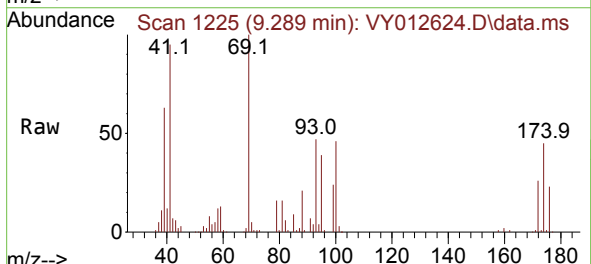
Instrument :
MSVOA_Y
ClientSampleId :

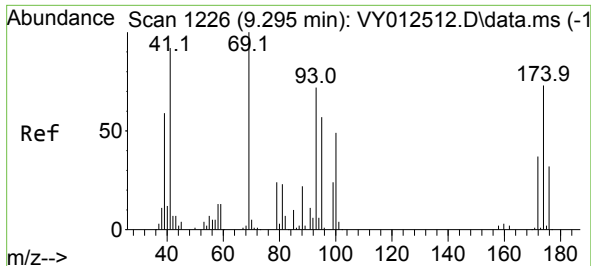
Tgt Ion: 83 Resp: 111270
Ion Ratio Lower Upper
83 100
85 62.1 50.7 76.1
127 10.2 8.1 12.1



#48
Methyl methacrylate
Concen: 58.251 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY012624.D
Acq: 15 Feb 2023 19:08

Tgt Ion: 41 Resp: 41511
Ion Ratio Lower Upper
41 100
69 110.0 85.4 128.2
39 67.3 52.7 79.1





#49

1,4-Dioxane

Concen: 1297.387 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY012624.D

Acq: 15 Feb 2023 19:08

Instrument :

MSVOA_Y

ClientSampleId :

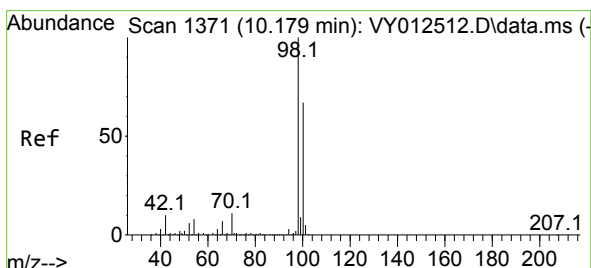
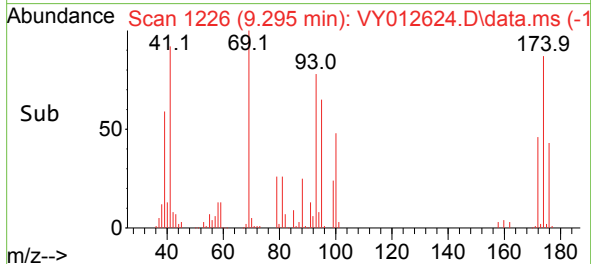
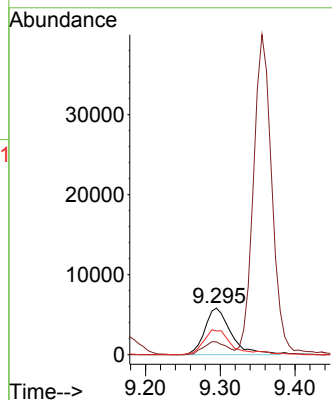
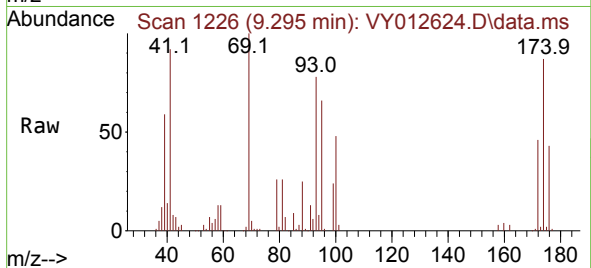
Tgt Ion: 88 Resp: 14153

Ion Ratio Lower Upper

88 100

43 25.3 22.6 33.8

58 53.5 45.4 68.0



#50

Toluene-d8

Concen: 54.432 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY012624.D

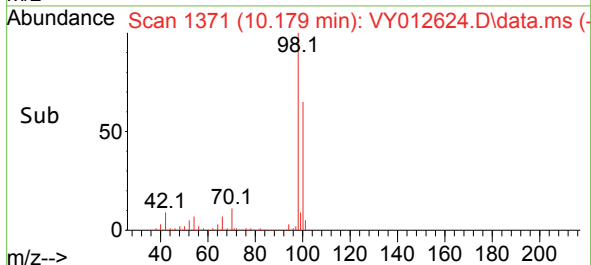
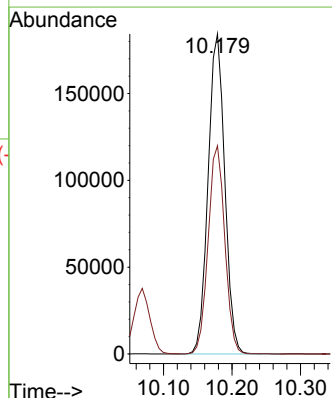
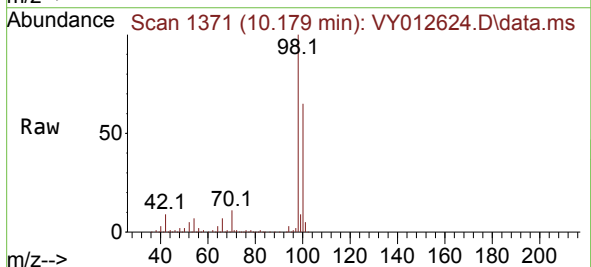
Acq: 15 Feb 2023 19:08

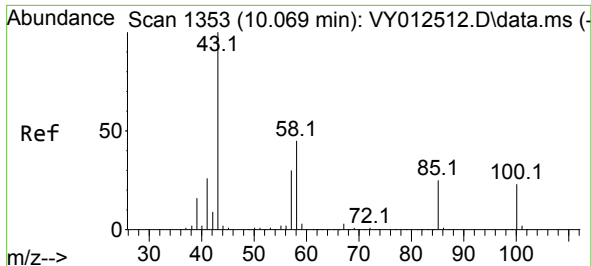
Tgt Ion: 98 Resp: 311950

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 301.967 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY012624.D

Acq: 15 Feb 2023 19:08

Instrument :

MSVOA_Y

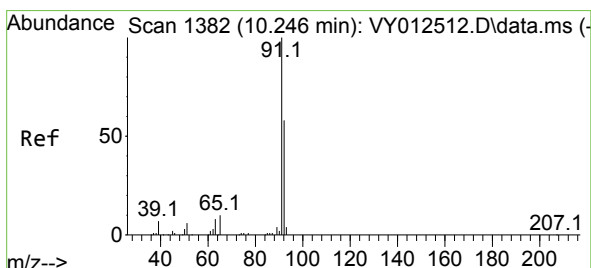
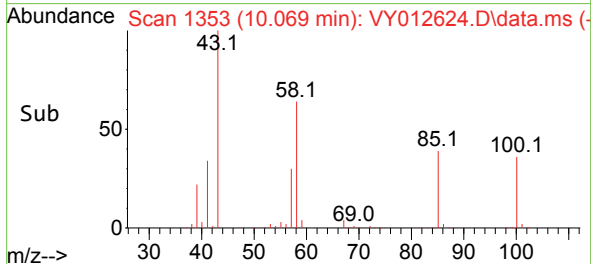
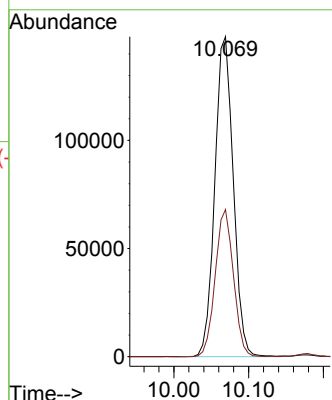
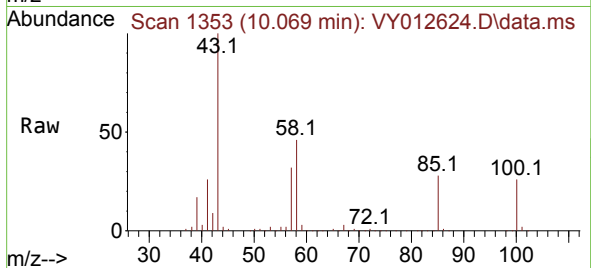
ClientSampleId :

Tgt Ion: 43 Resp: 253997

Ion Ratio Lower Upper

43 100

58 45.4 36.2 54.2



#52

Toluene

Concen: 52.042 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. -0.006 min

Lab File: VY012624.D

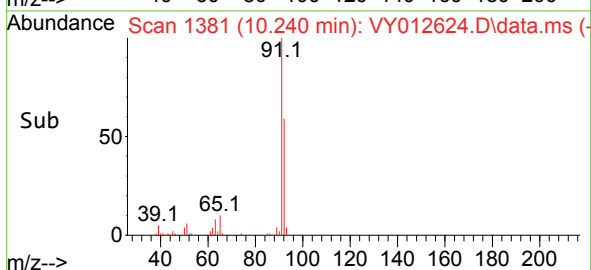
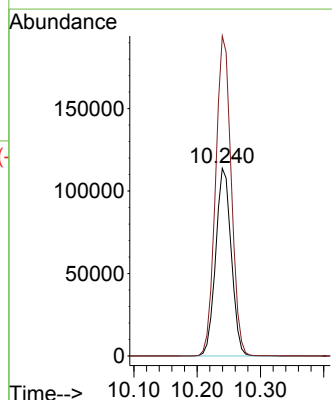
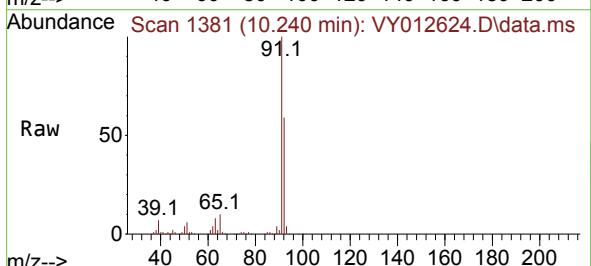
Acq: 15 Feb 2023 19:08

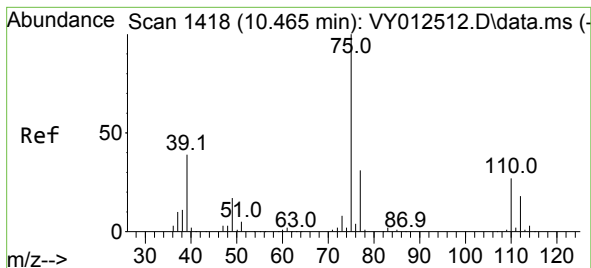
Tgt Ion: 92 Resp: 194244

Ion Ratio Lower Upper

92 100

91 171.5 137.2 205.8





#53

t-1,3-Dichloropropene

Concen: 55.311 ug/l

RT: 10.459 min Scan# 1418

Delta R.T. -0.006 min

Lab File: VY012624.D

Acq: 15 Feb 2023 19:08

Instrument :

MSVOA_Y

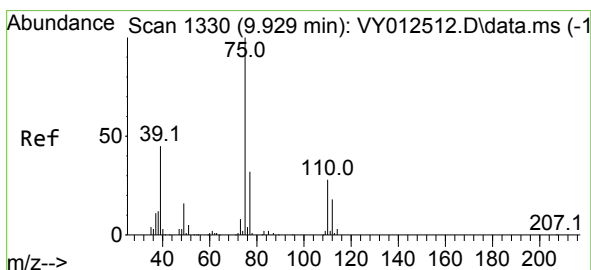
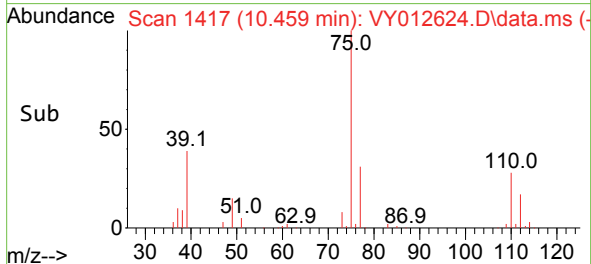
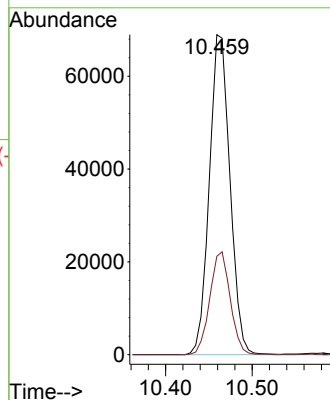
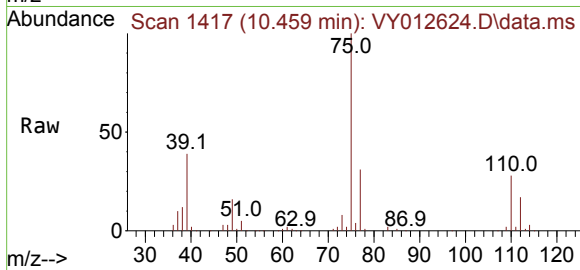
ClientSampleId :

Tgt Ion: 75 Resp: 114200

Ion Ratio Lower Upper

75 100

77 30.7 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 53.921 ug/l

RT: 9.929 min Scan# 1330

Delta R.T. 0.000 min

Lab File: VY012624.D

Acq: 15 Feb 2023 19:08

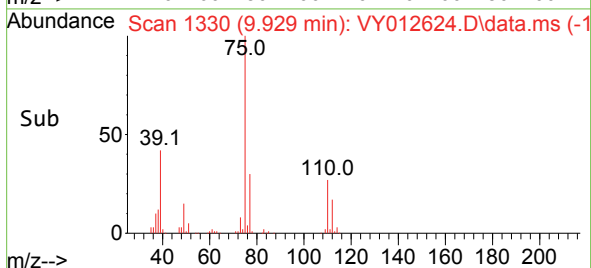
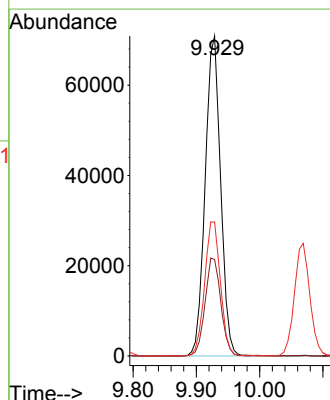
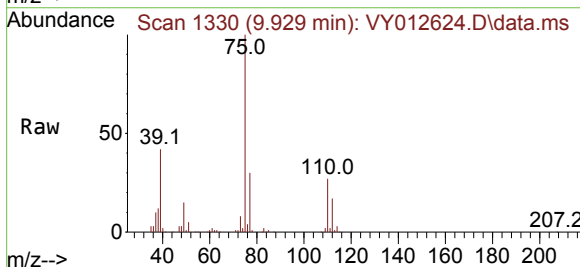
Tgt Ion: 75 Resp: 120477

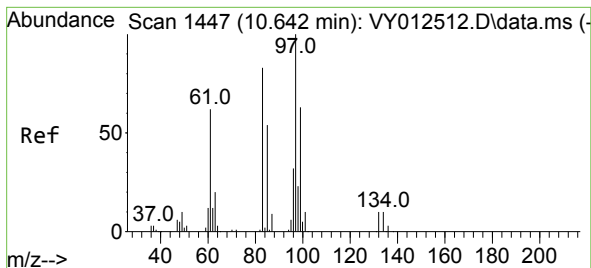
Ion Ratio Lower Upper

75 100

77 30.2 25.7 38.5

39 41.8 36.0 54.0

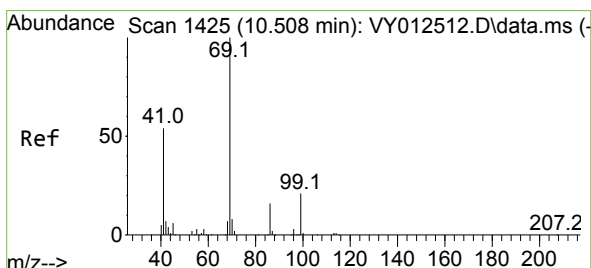
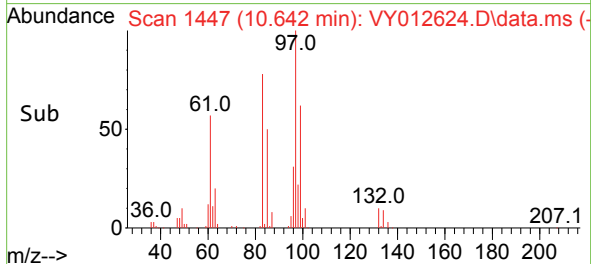
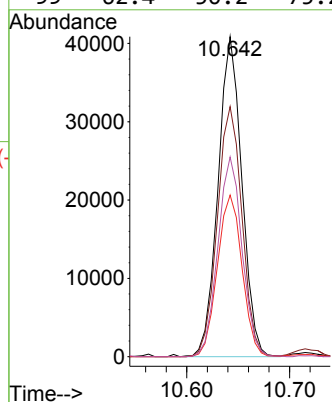
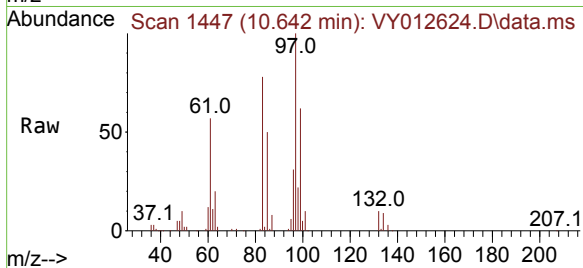




#55
1,1,2-Trichloroethane
Concen: 56.938 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY012624.D
Acq: 15 Feb 2023 19:08

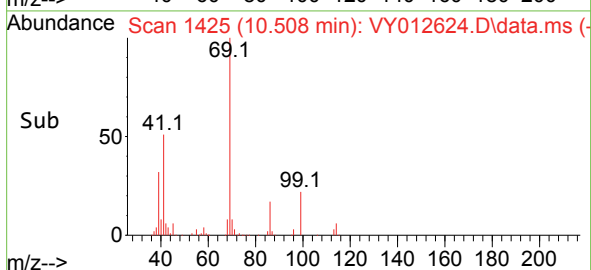
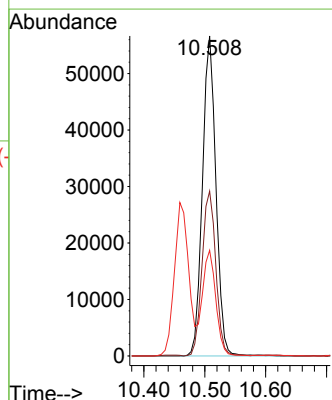
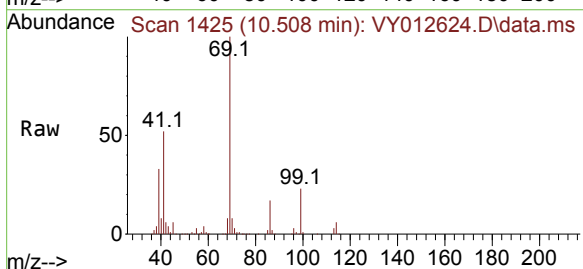
Instrument :
MSVOA_Y
ClientSampleId :

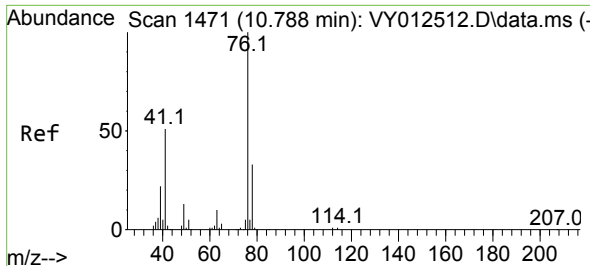
Tgt Ion:	97	Resp:	65745
Ion	Ratio	Lower	Upper
97	100		
83	78.1	66.0	99.0
85	50.5	43.1	64.7
99	62.4	50.2	75.2



#56
Ethyl methacrylate
Concen: 60.164 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY012624.D
Acq: 15 Feb 2023 19:08

Tgt Ion:	69	Resp:	87280
Ion	Ratio	Lower	Upper
69	100		
41	52.8	43.4	65.2
39	33.2	26.5	39.7





#57

1,3-Dichloropropane

Concen: 56.997 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY012624.D

Acq: 15 Feb 2023 19:08

Instrument :

MSVOA_Y

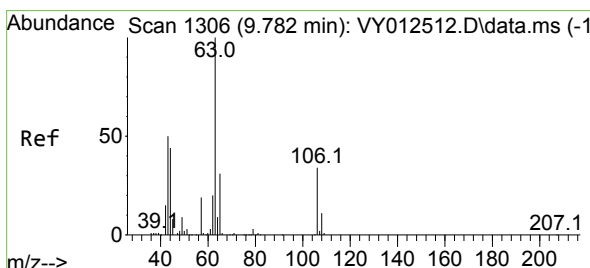
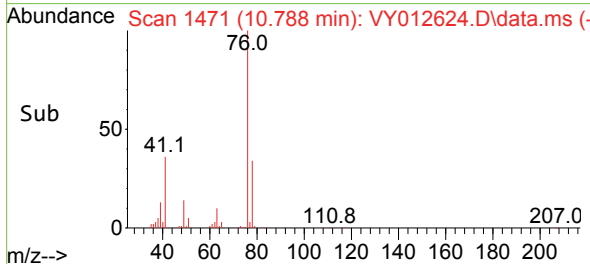
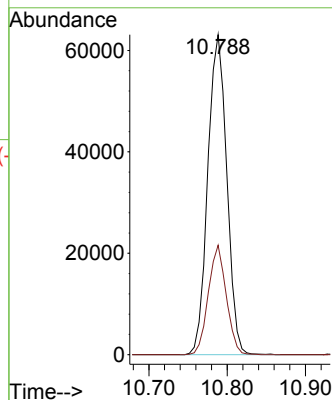
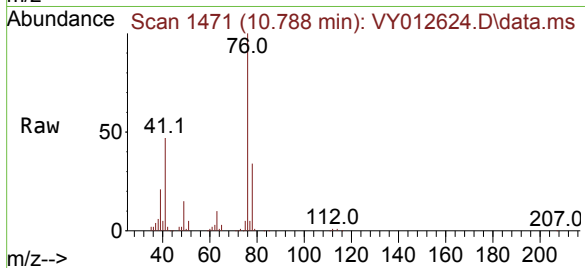
ClientSampleId :

Tgt Ion: 76 Resp: 106216

Ion Ratio Lower Upper

76 100

78 32.3 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 288.245 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY012624.D

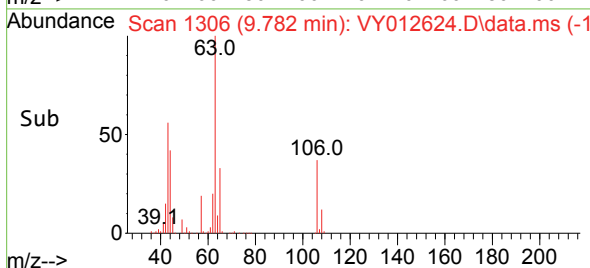
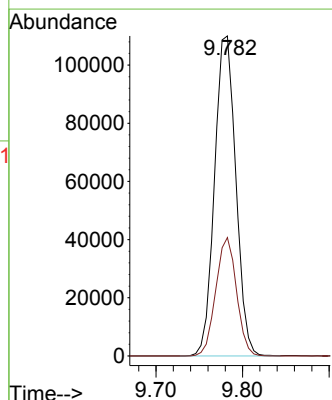
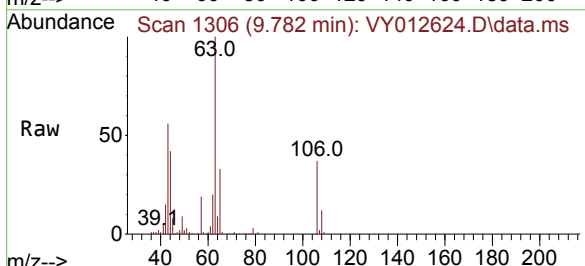
Acq: 15 Feb 2023 19:08

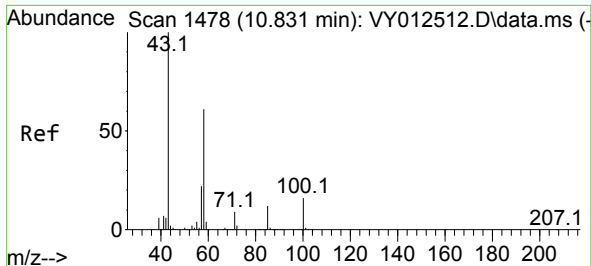
Tgt Ion: 63 Resp: 187953

Ion Ratio Lower Upper

63 100

106 36.0 28.0 42.0





#59

2-Hexanone

Concen: 292.005 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY012624.D

Acq: 15 Feb 2023 19:08

Instrument :

MSVOA_Y

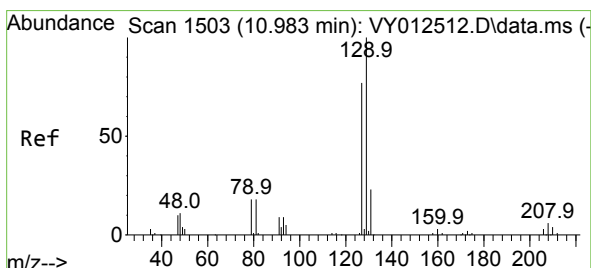
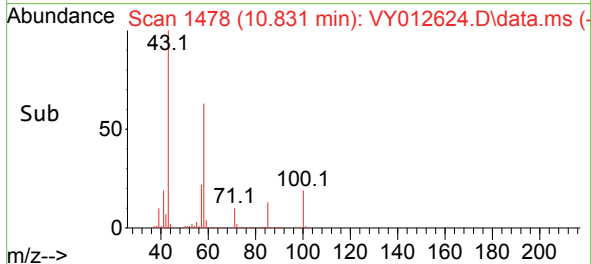
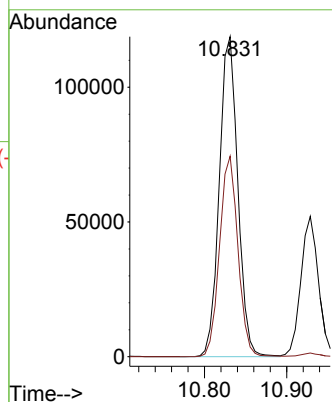
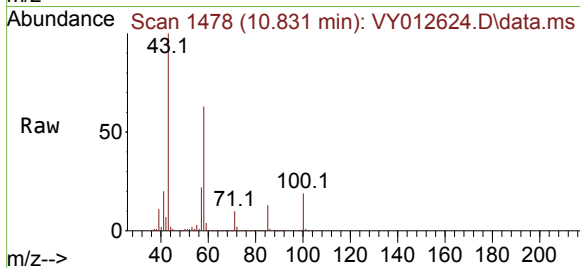
ClientSampleId :

Tgt Ion: 43 Resp: 185617

Ion Ratio Lower Upper

43 100

58 62.1 30.9 92.5



#60

Dibromochloromethane

Concen: 57.557 ug/l

RT: 10.983 min Scan# 1503

Delta R.T. 0.000 min

Lab File: VY012624.D

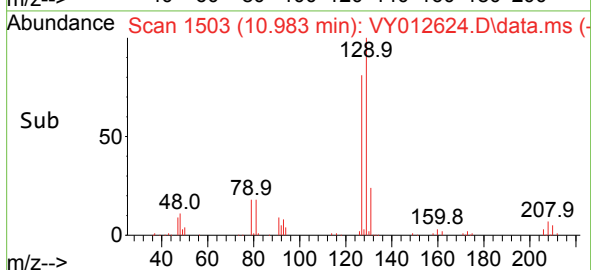
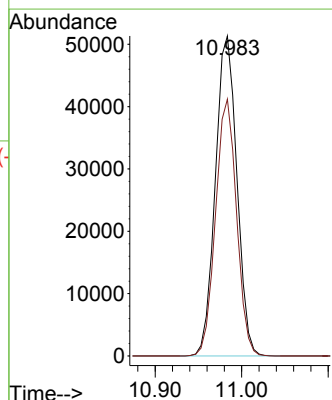
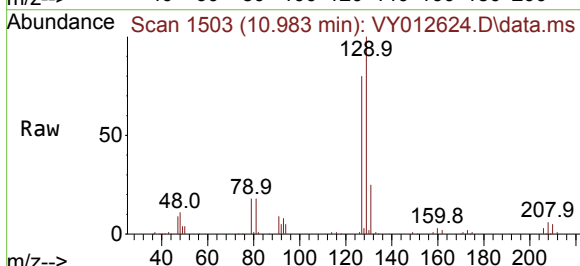
Acq: 15 Feb 2023 19:08

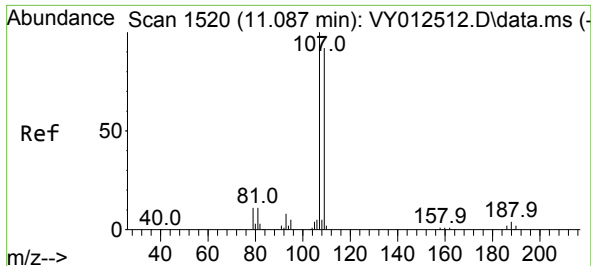
Tgt Ion: 129 Resp: 88591

Ion Ratio Lower Upper

129 100

127 78.3 38.0 114.1

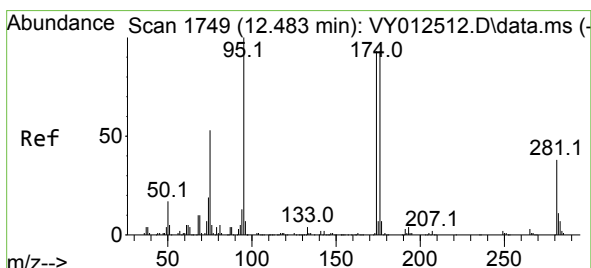
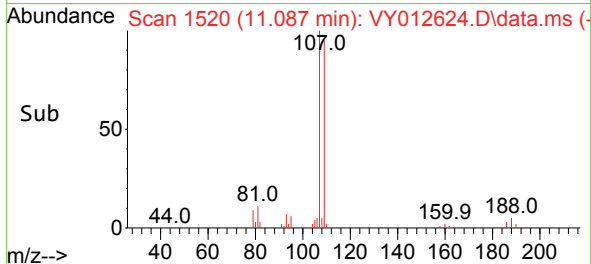
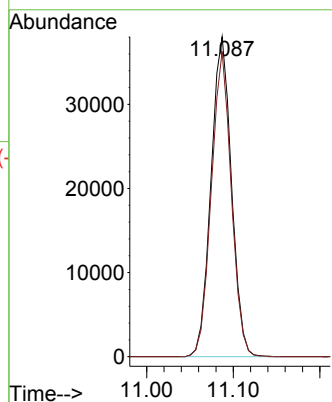
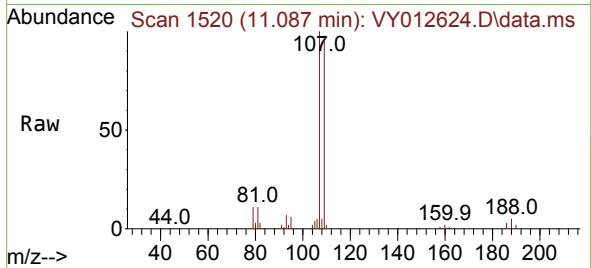




#61
1,2-Dibromoethane
Concen: 57.571 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012624.D
Acq: 15 Feb 2023 19:08

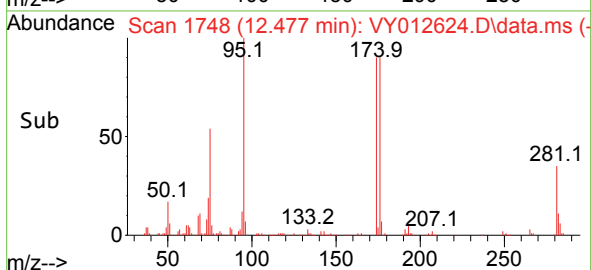
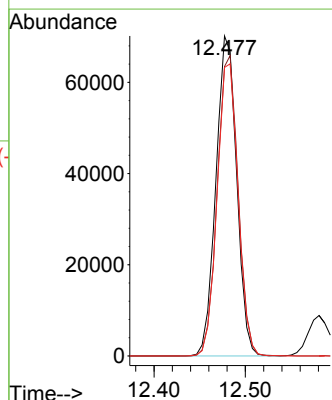
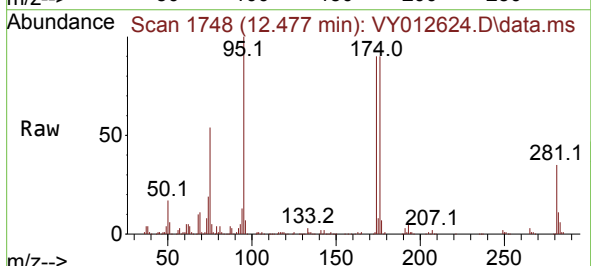
Instrument :
MSVOA_Y
ClientSampleId :

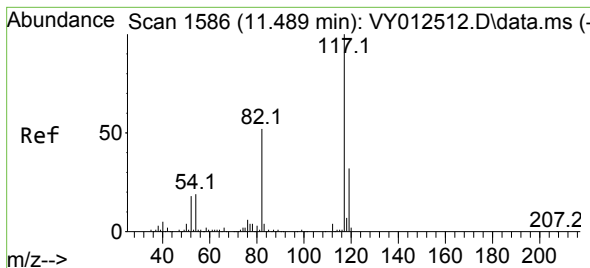
Tgt Ion:107 Resp: 62287
Ion Ratio Lower Upper
107 100
109 92.8 74.2 111.2



#62
4-Bromofluorobenzene
Concen: 55.313 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012624.D
Acq: 15 Feb 2023 19:08

Tgt Ion: 95 Resp: 110571
Ion Ratio Lower Upper
95 100
174 94.4 0.0 188.0
176 92.6 0.0 183.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

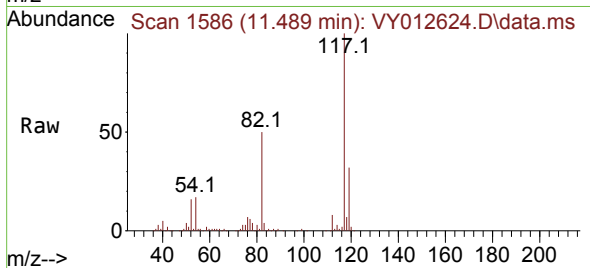
Lab File: VY012624.D

Acq: 15 Feb 2023 19:08

Instrument :

MSVOA_Y

ClientSampleId :



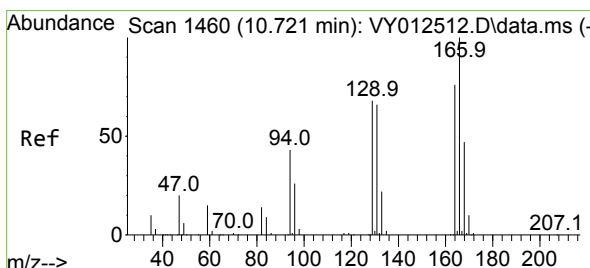
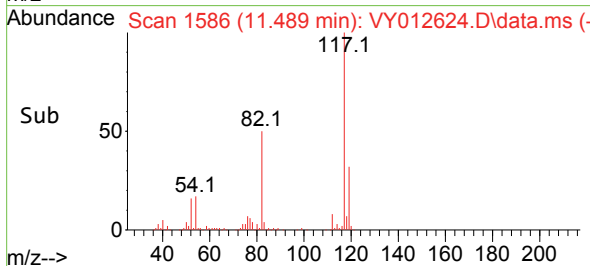
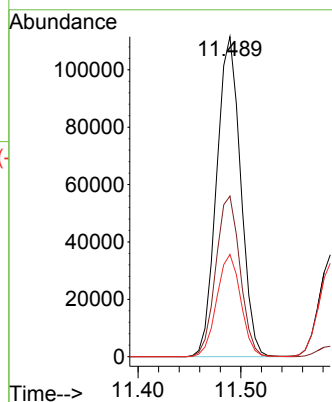
Tgt Ion:117 Resp: 181058

Ion Ratio Lower Upper

117 100

82 50.2 41.7 62.5

119 31.9 25.8 38.8



#64

Tetrachloroethene

Concen: 54.396 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY012624.D

Acq: 15 Feb 2023 19:08

Tgt Ion:164 Resp: 102821

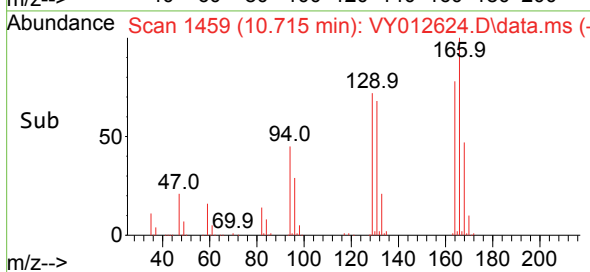
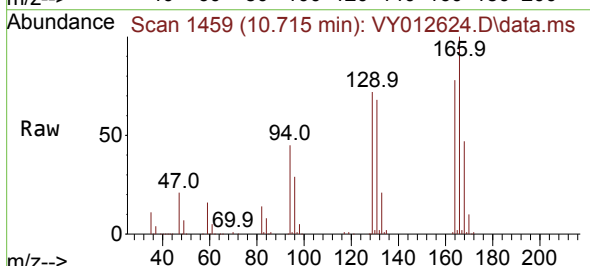
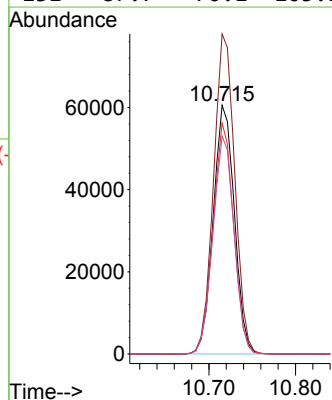
Ion Ratio Lower Upper

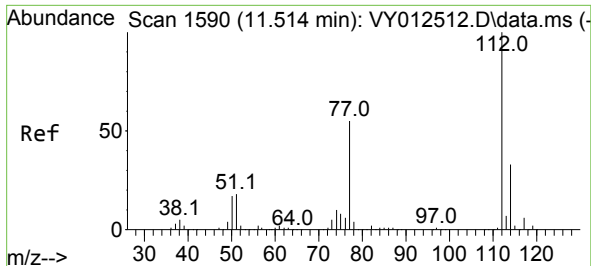
164 100

166 128.7 105.7 158.5

129 92.9 71.8 107.6

131 87.7 70.1 105.1

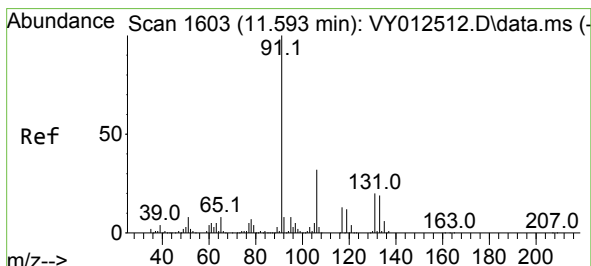
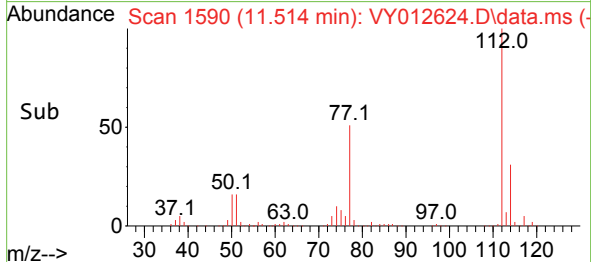
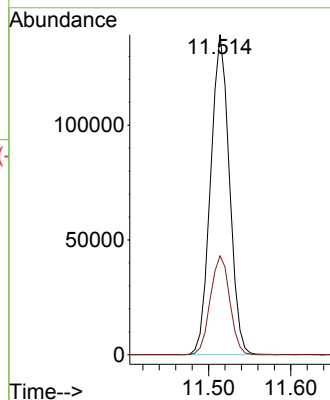
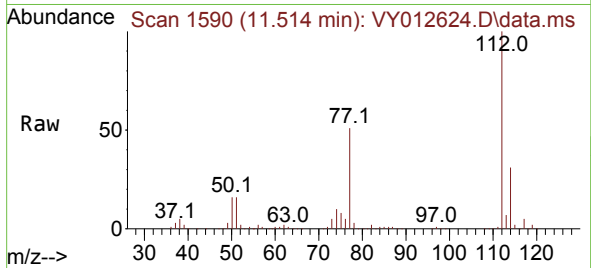




#65
Chlorobenzene
Concen: 51.536 ug/l
RT: 11.514 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY012624.D
Acq: 15 Feb 2023 19:08

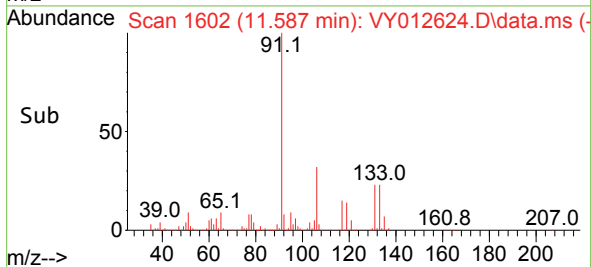
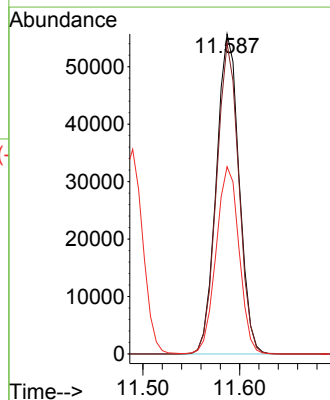
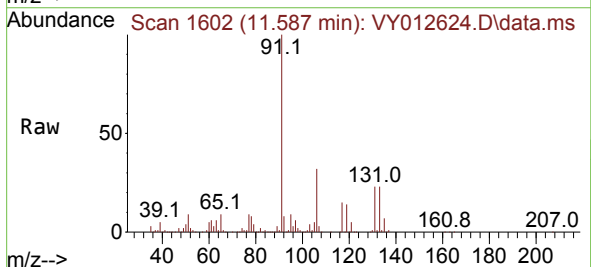
Instrument :
MSVOA_Y
ClientSampleId :

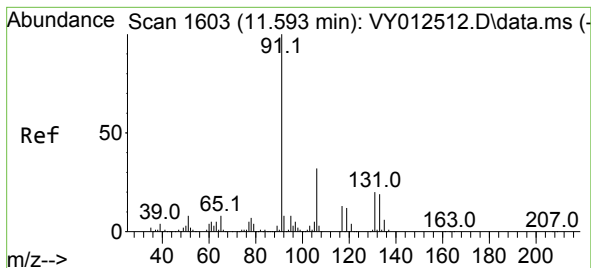
Tgt Ion:112 Resp: 221314
Ion Ratio Lower Upper
112 100
114 30.9 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 54.054 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY012624.D
Acq: 15 Feb 2023 19:08

Tgt Ion:131 Resp: 90965
Ion Ratio Lower Upper
131 100
133 95.1 48.5 145.5
119 59.2 30.7 92.1





#67

Ethyl Benzene

Concen: 50.706 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY012624.D

Acq: 15 Feb 2023 19:08

Instrument :

MSVOA_Y

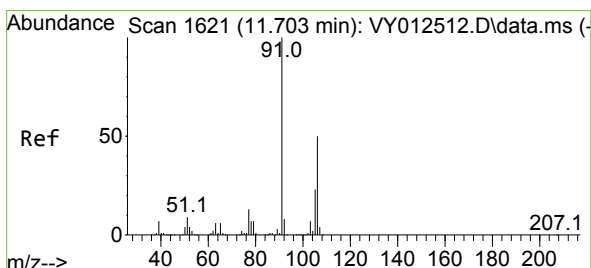
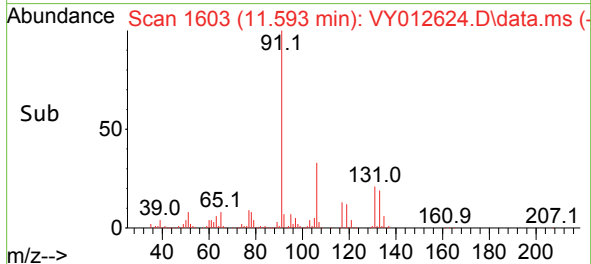
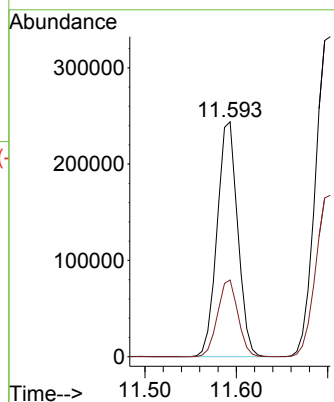
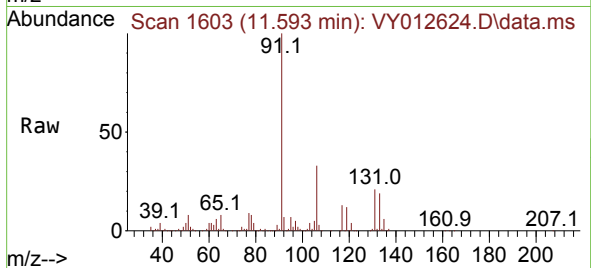
ClientSampleId :

Tgt Ion: 91 Resp: 382281

Ion Ratio Lower Upper

91 100

106 32.7 25.6 38.4



#68

m/p-Xylenes

Concen: 102.100 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY012624.D

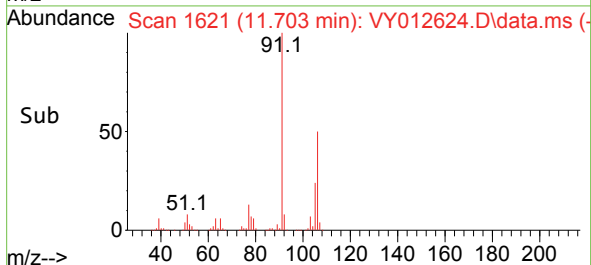
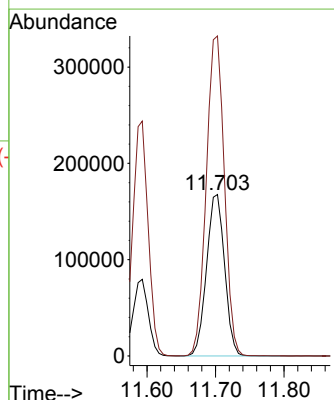
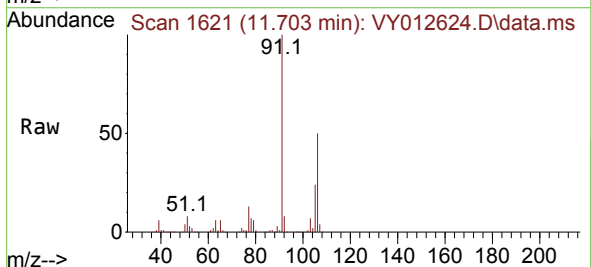
Acq: 15 Feb 2023 19:08

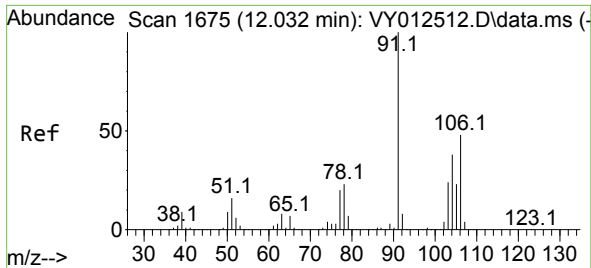
Tgt Ion:106 Resp: 307254

Ion Ratio Lower Upper

106 100

91 198.5 160.3 240.5

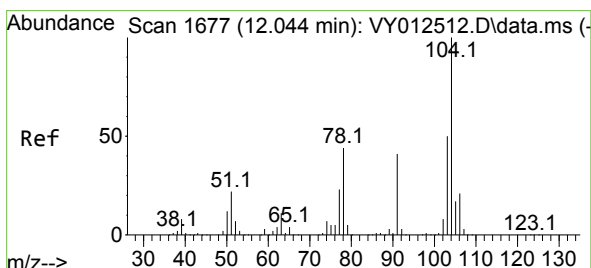
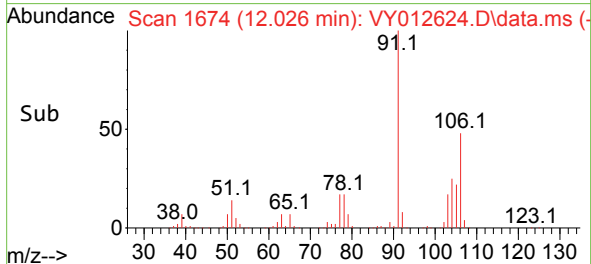
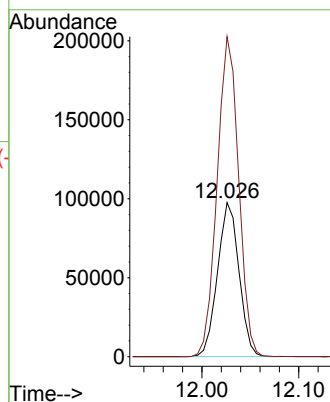
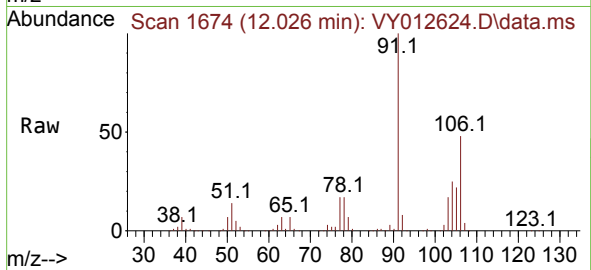




#69
o-Xylene
Concen: 52.427 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY012624.D
Acq: 15 Feb 2023 19:08

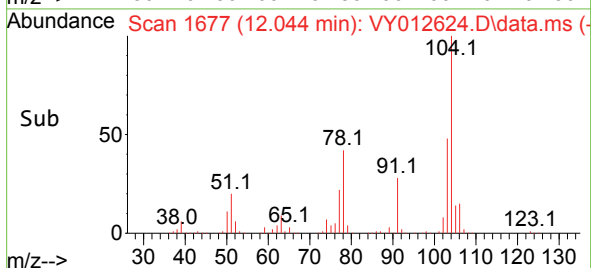
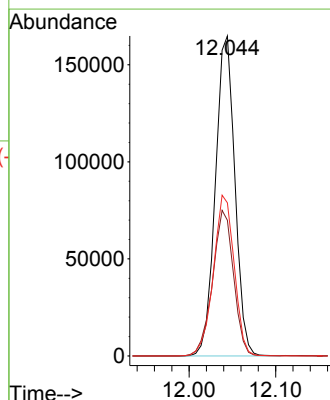
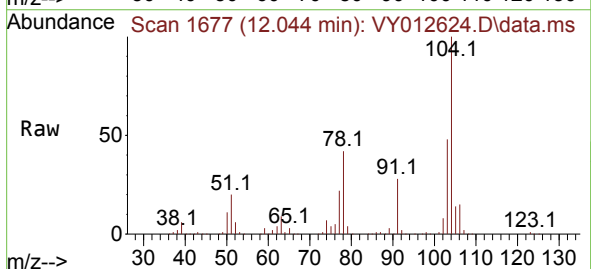
Instrument :
MSVOA_Y
ClientSampleId :

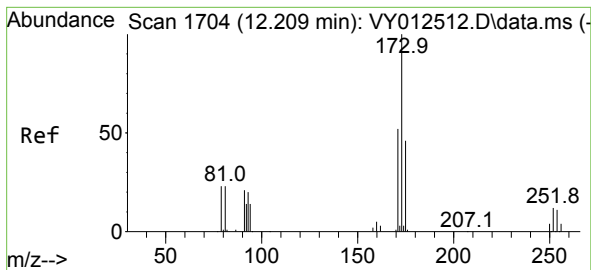
Tgt Ion:106 Resp: 150251
Ion Ratio Lower Upper
106 100
91 208.5 104.2 312.5



#70
Styrene
Concen: 52.967 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY012624.D
Acq: 15 Feb 2023 19:08

Tgt Ion:104 Resp: 257443
Ion Ratio Lower Upper
104 100
78 49.1 39.4 59.2
103 53.8 43.8 65.8





#71

Bromoform

Concen: 57.184 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY012624.D

Acq: 15 Feb 2023 19:08

Instrument :

MSVOA_Y

ClientSampleId :

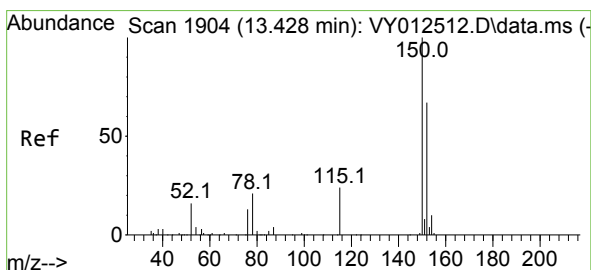
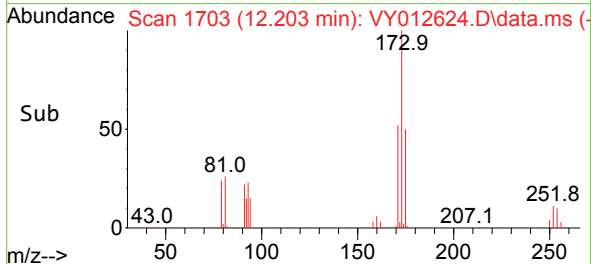
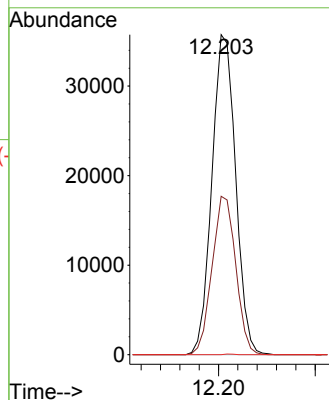
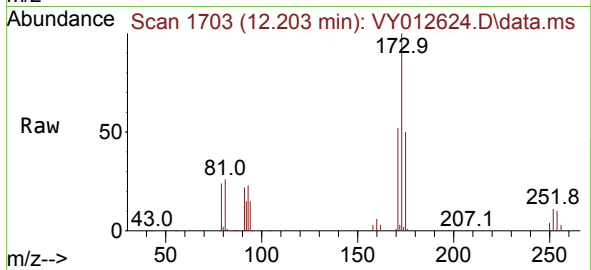
Tgt Ion:173 Resp: 60826

Ion Ratio Lower Upper

173 100

175 49.4 23.9 71.7

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY012624.D

Acq: 15 Feb 2023 19:08

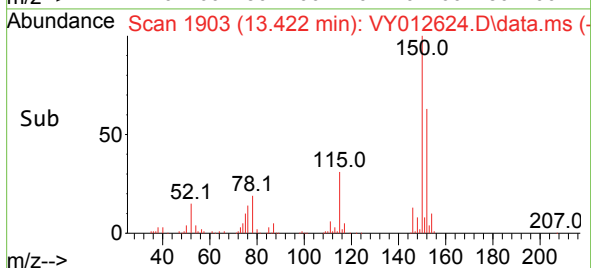
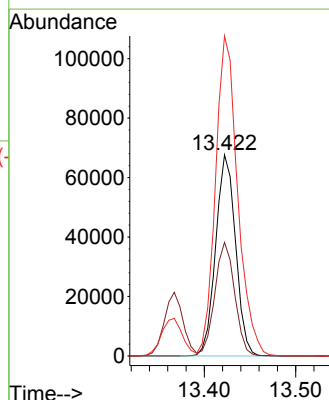
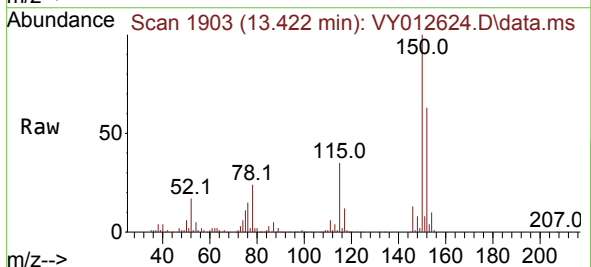
Tgt Ion:152 Resp: 102249

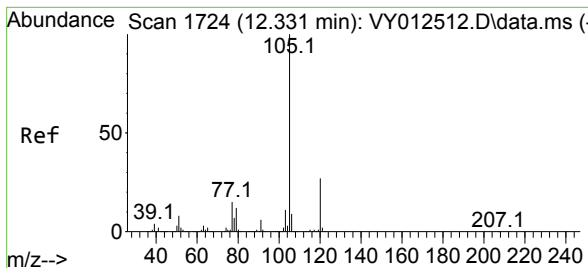
Ion Ratio Lower Upper

152 100

115 56.4 28.1 84.3

150 177.5 0.0 351.0





#73

Isopropylbenzene

Concen: 48.902 ug/l

RT: 12.325 min Scan# 1723

Delta R.T. -0.006 min

Lab File: VY012624.D

Acq: 15 Feb 2023 19:08

Instrument :

MSVOA_Y

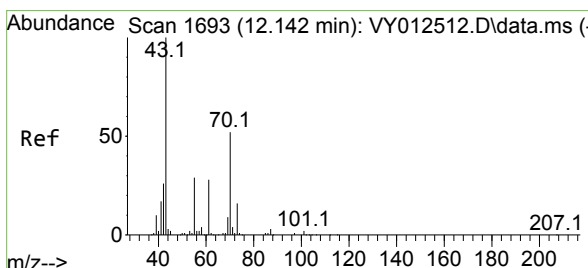
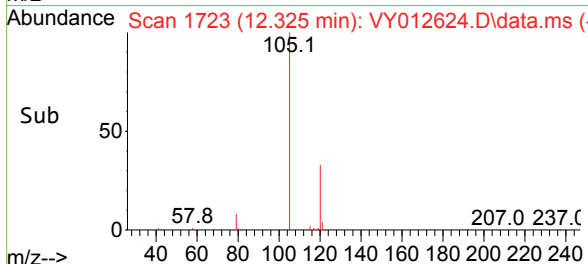
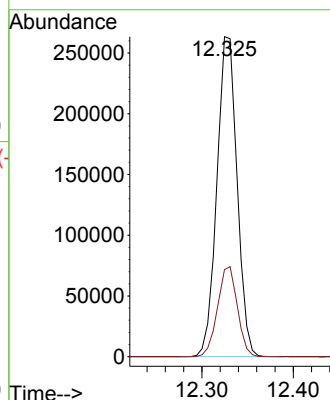
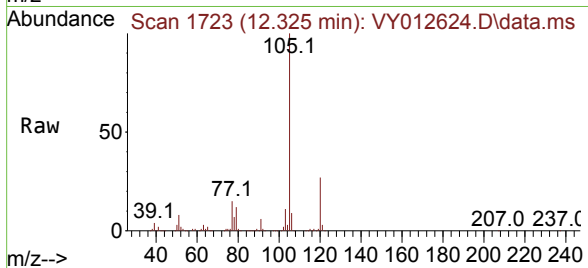
ClientSampleId :

Tgt Ion:105 Resp: 404548

Ion Ratio Lower Upper

105 100

120 27.6 13.4 40.2



#74

N-ethyl acetate

Concen: 53.459 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY012624.D

Acq: 15 Feb 2023 19:08

Tgt Ion: 43 Resp: 80055

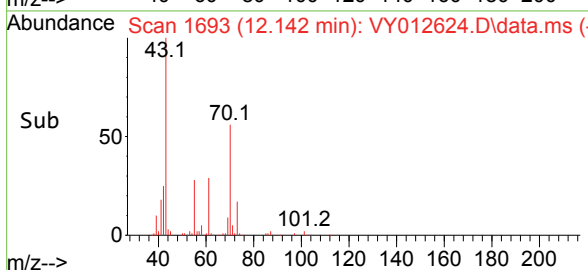
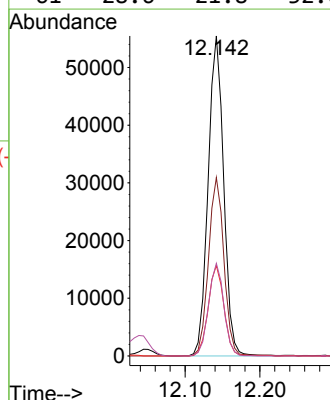
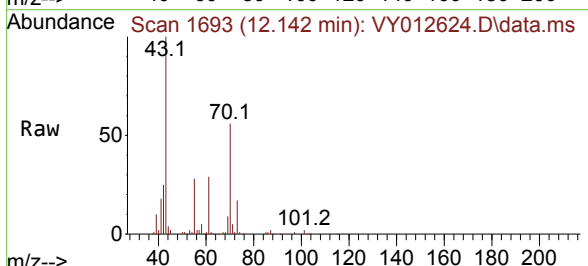
Ion Ratio Lower Upper

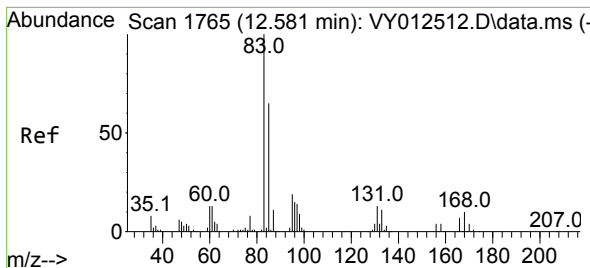
43 100

70 55.4 41.0 61.6

55 28.5 22.9 34.3

61 28.6 21.8 32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 51.989 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY012624.D

Acq: 15 Feb 2023 19:08

Instrument :

MSVOA_Y

ClientSampleId :

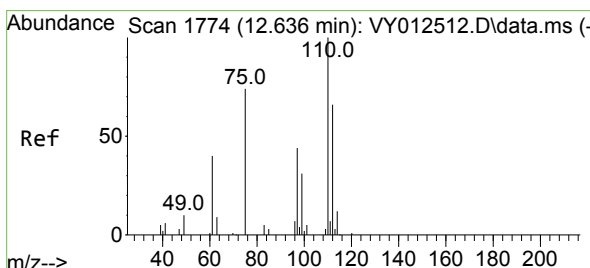
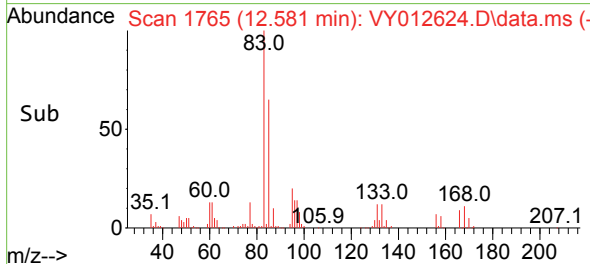
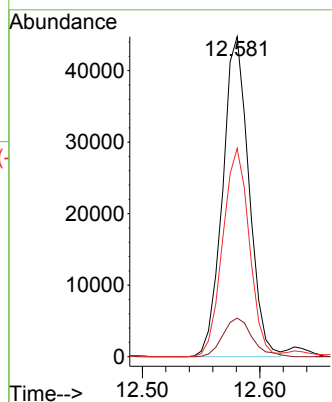
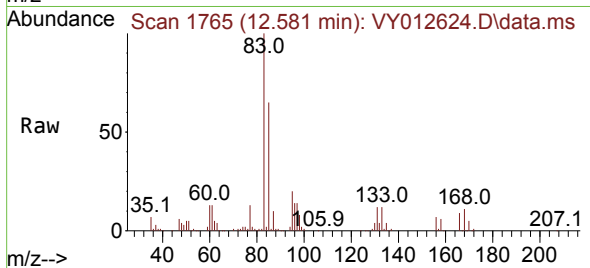
Tgt Ion: 83 Resp: 69543

Ion Ratio Lower Upper

83 100

131 13.4 6.5 19.4

85 66.0 33.0 99.0



#76

1,2,3-Trichloropropane

Concen: 89.496 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY012624.D

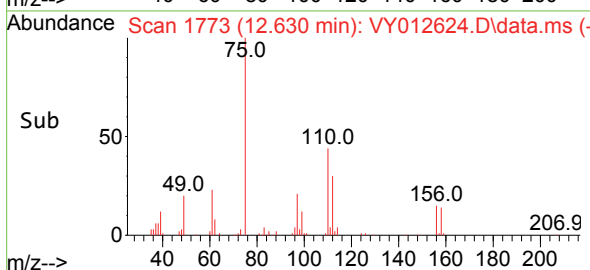
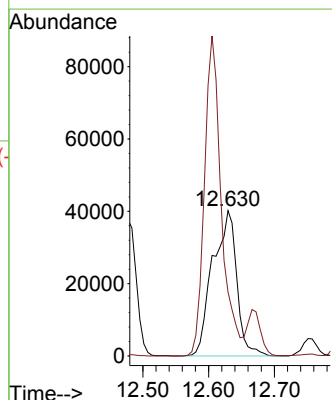
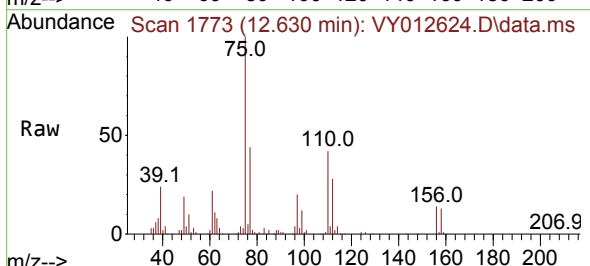
Acq: 15 Feb 2023 19:08

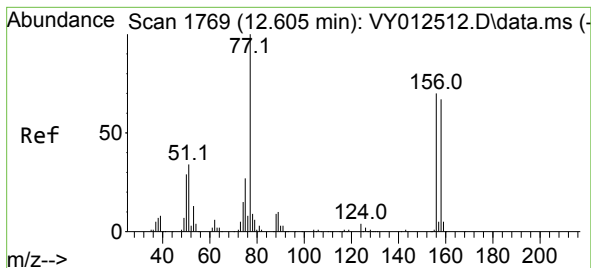
Tgt Ion: 75 Resp: 102237

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.581 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY012624.D

Acq: 15 Feb 2023 19:08

Instrument :

MSVOA_Y

ClientSampleId :

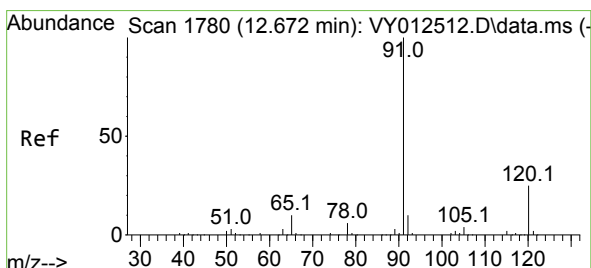
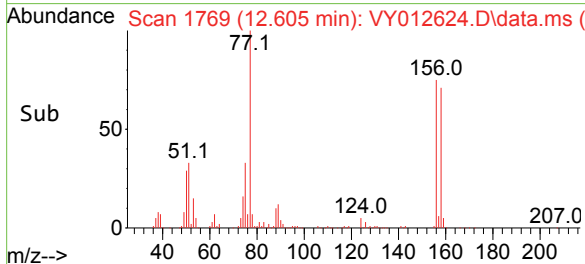
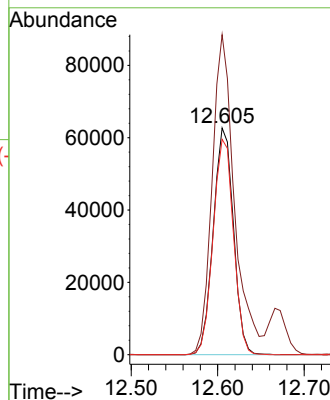
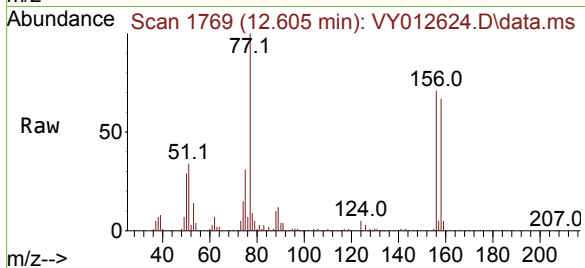
Tgt Ion:156 Resp: 101419

Ion Ratio Lower Upper

156 100

77 155.1 80.6 241.8

158 96.0 49.1 147.3



#78

n-propylbenzene

Concen: 48.890 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY012624.D

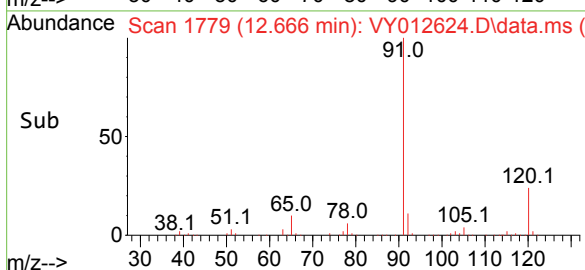
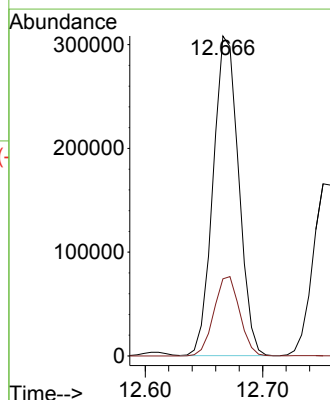
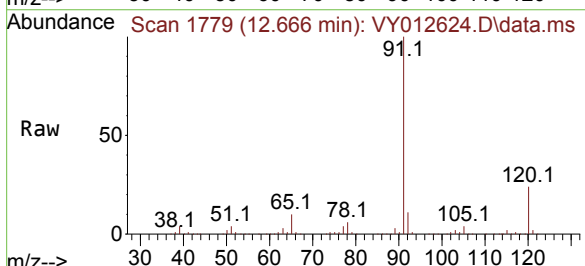
Acq: 15 Feb 2023 19:08

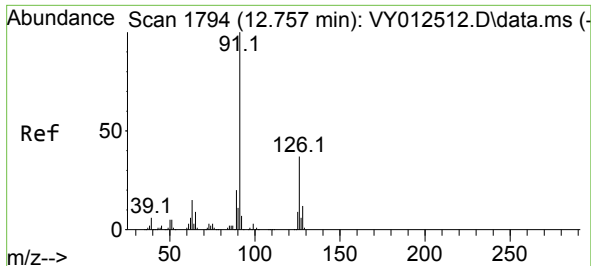
Tgt Ion: 91 Resp: 465510

Ion Ratio Lower Upper

91 100

120 25.0 12.4 37.4

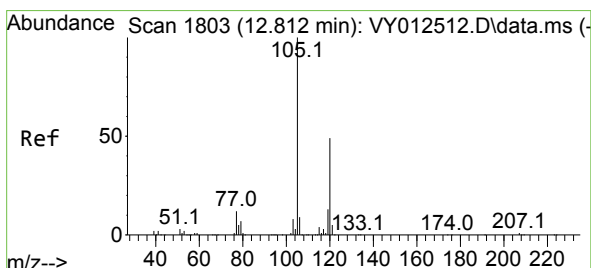
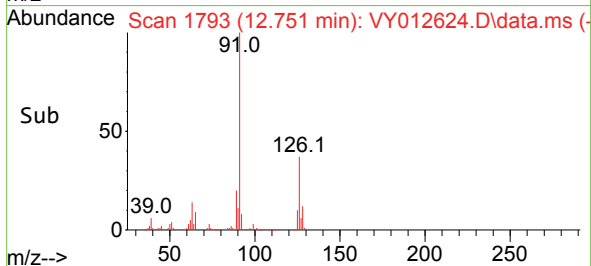
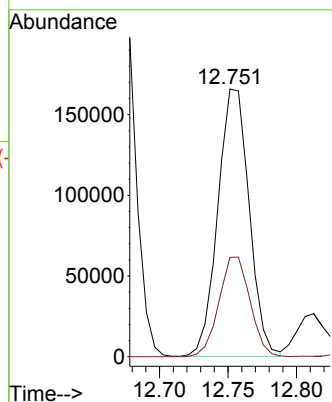
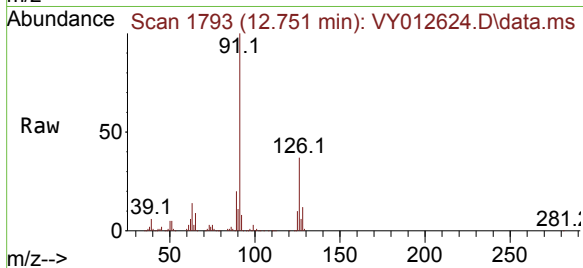




#79
2-Chlorotoluene
Concen: 48.845 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VY012624.D
Acq: 15 Feb 2023 19:08

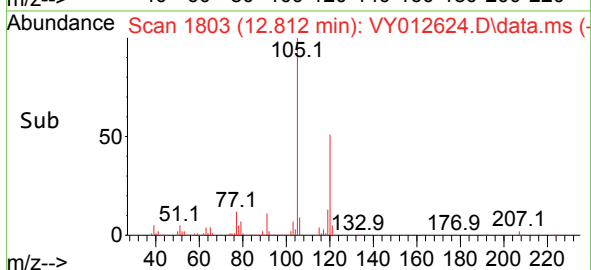
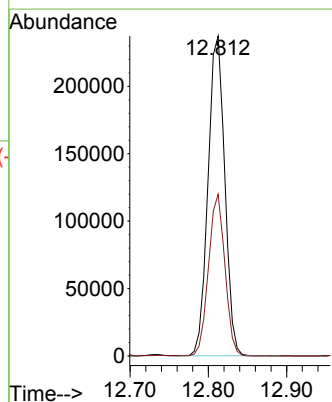
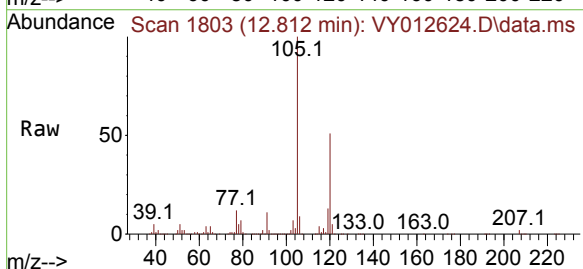
Instrument :
MSVOA_Y
ClientSampleId :

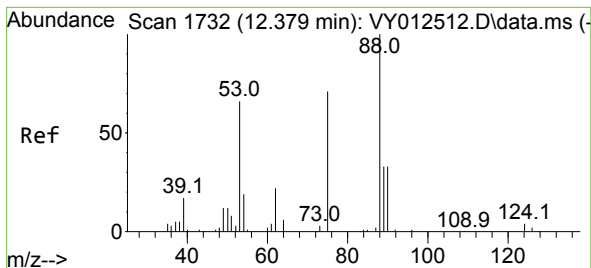
Tgt Ion: 91 Resp: 264020
Ion Ratio Lower Upper
91 100
126 37.0 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 49.371 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY012624.D
Acq: 15 Feb 2023 19:08

Tgt Ion: 105 Resp: 351590
Ion Ratio Lower Upper
105 100
120 49.4 24.6 74.0

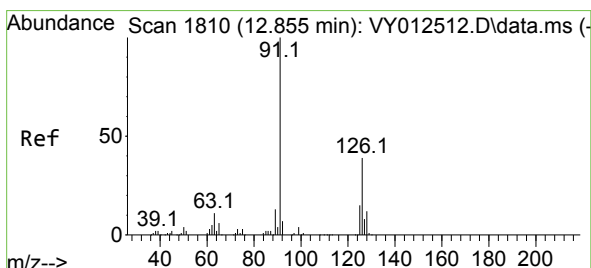
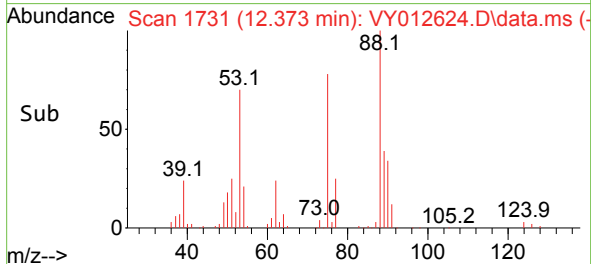
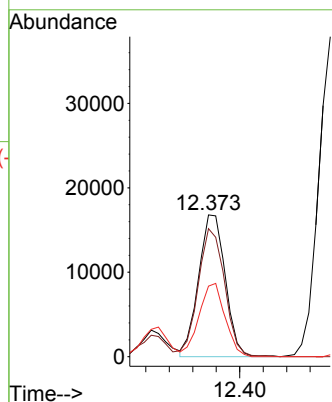
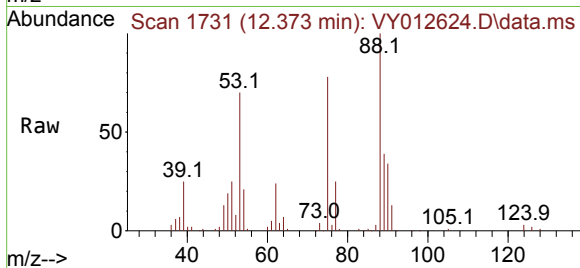




#81
trans-1,4-Dichloro-2-butene
Concen: 52.363 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY012624.D
Acq: 15 Feb 2023 19:08

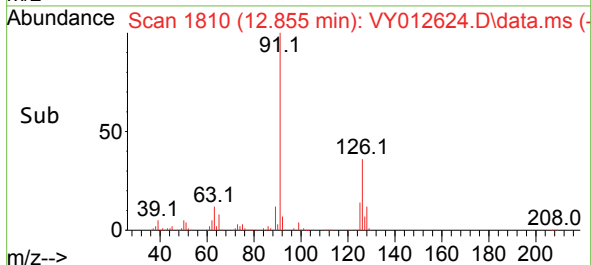
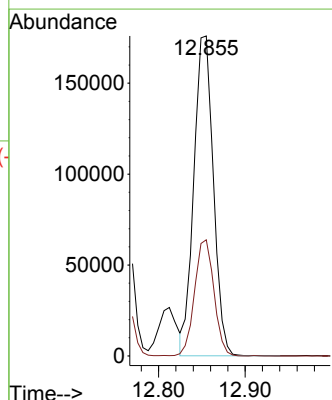
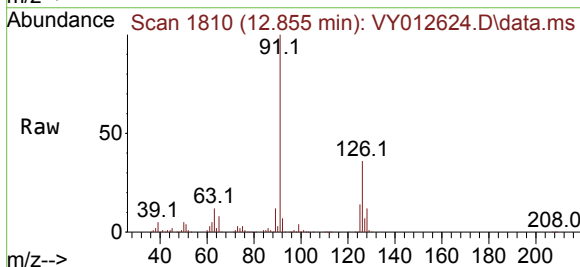
Instrument :
MSVOA_Y
ClientSampleId :

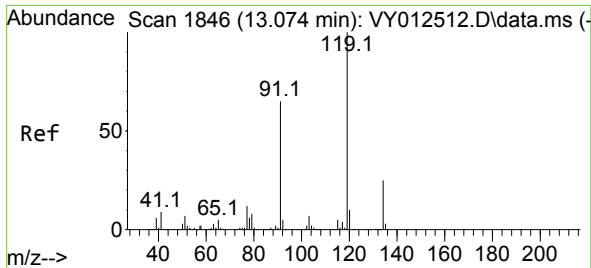
Tgt Ion: 75 Resp: 26526
Ion Ratio Lower Upper
75 100
53 90.3 73.1 109.7
89 50.3 39.9 59.9



#82
4-Chlorotoluene
Concen: 48.510 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012624.D
Acq: 15 Feb 2023 19:08

Tgt Ion: 91 Resp: 275058
Ion Ratio Lower Upper
91 100
126 36.2 18.1 54.3



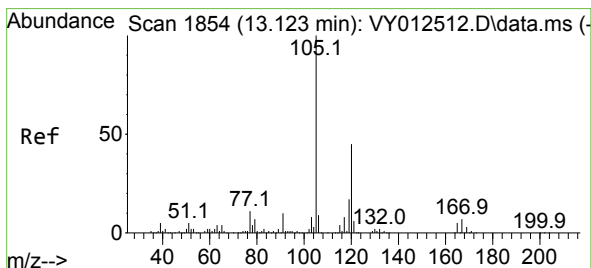
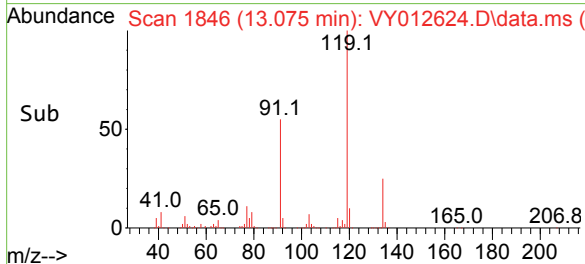
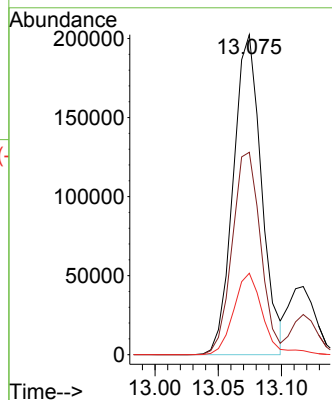
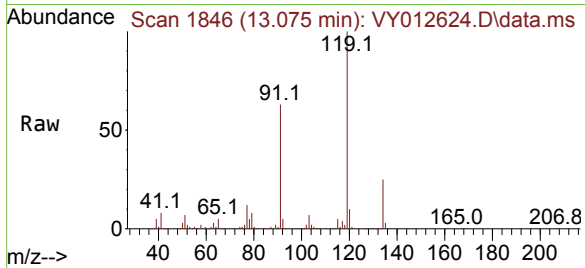


#83
 tert-Butylbenzene
 Concen: 50.395 ug/l
 RT: 13.075 min Scan# 1846
 Delta R.T. 0.000 min
 Lab File: VY012624.D
 Acq: 15 Feb 2023 19:08

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:119 Resp: 314711

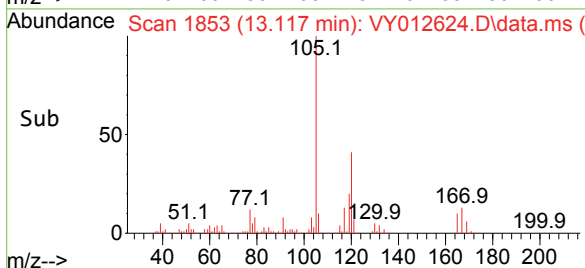
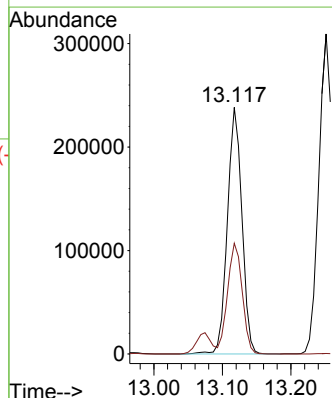
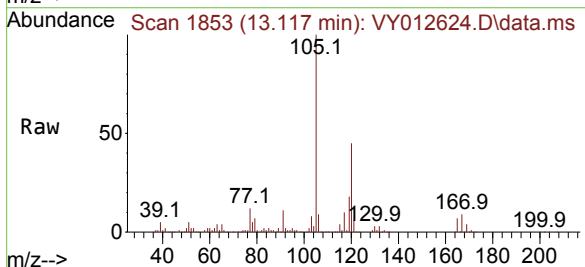
Ion	Ratio	Lower	Upper
119	100		
91	63.6	33.0	99.0
134	26.3	13.1	39.3

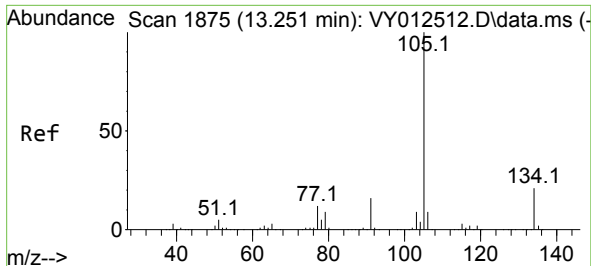


#84
 1,2,4-Trimethylbenzene
 Concen: 49.978 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: VY012624.D
 Acq: 15 Feb 2023 19:08

Tgt Ion:105 Resp: 350199

Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.8	68.3

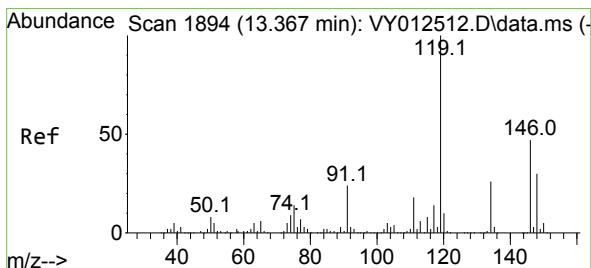
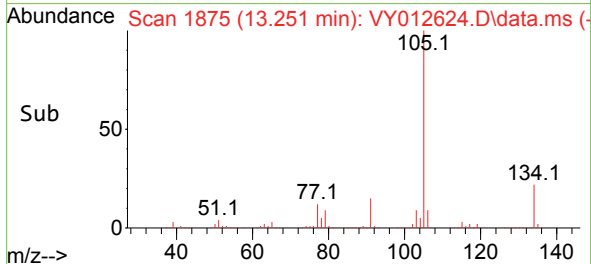
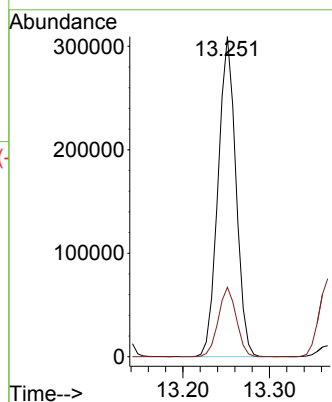
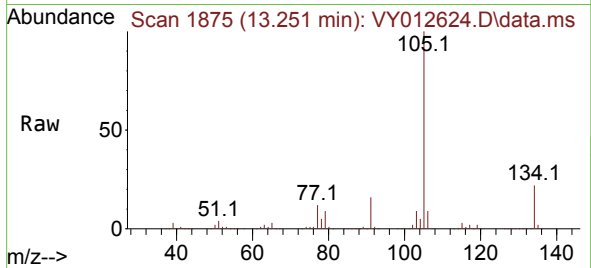




#85
 sec-Butylbenzene
 Concen: 49.617 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY012624.D
 Acq: 15 Feb 2023 19:08

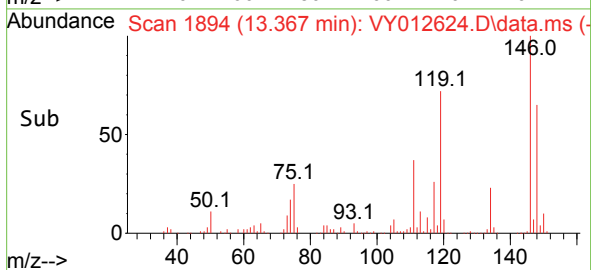
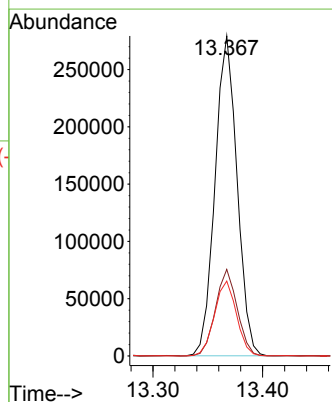
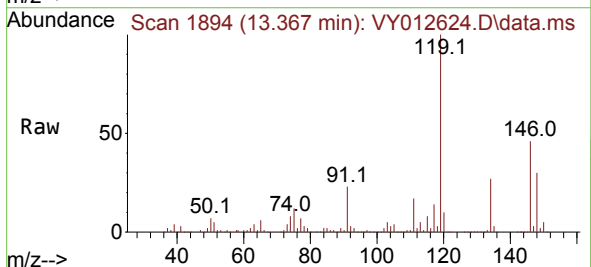
Instrument :
 MSVOA_Y
 ClientSampleId :

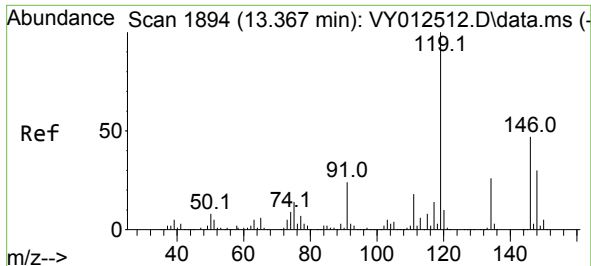
Tgt Ion:105 Resp: 443279
 Ion Ratio Lower Upper
 105 100
 134 21.8 10.8 32.3



#86
 p-Isopropyltoluene
 Concen: 50.280 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY012624.D
 Acq: 15 Feb 2023 19:08

Tgt Ion:119 Resp: 389689
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.1
 91 23.5 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 50.734 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012624.D

Acq: 15 Feb 2023 19:08

Instrument :

MSVOA_Y

ClientSampleId :

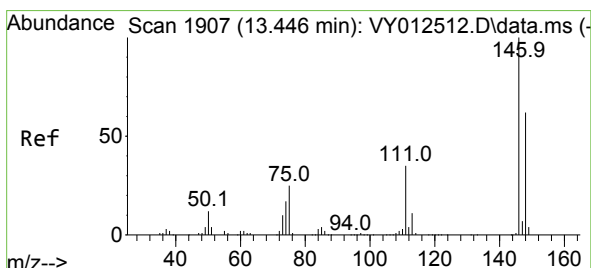
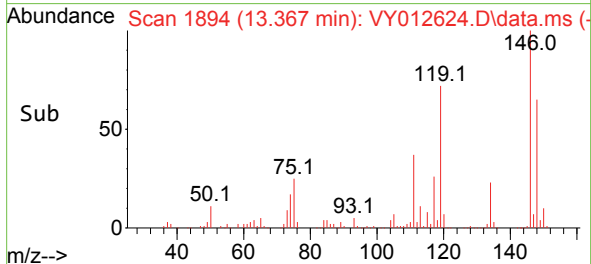
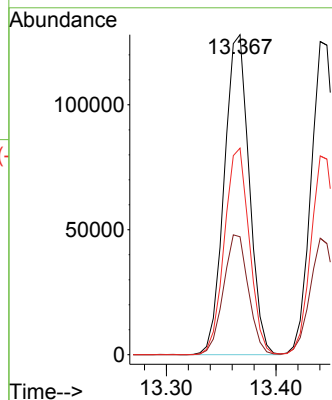
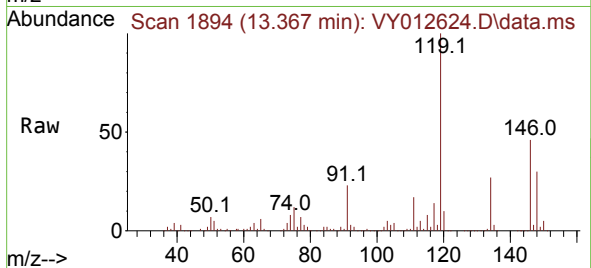
Tgt Ion:146 Resp: 202402

Ion Ratio Lower Upper

146 100

111 37.5 19.3 57.9

148 64.5 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 49.776 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY012624.D

Acq: 15 Feb 2023 19:08

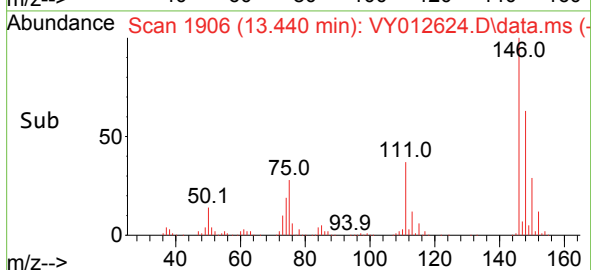
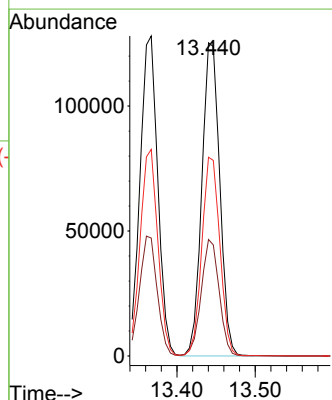
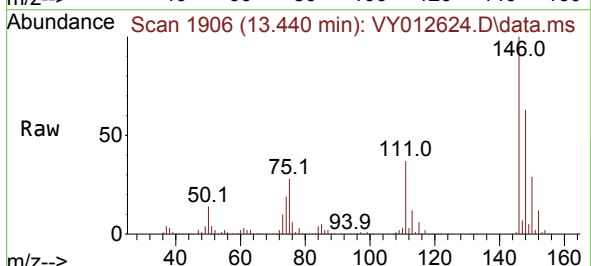
Tgt Ion:146 Resp: 198914

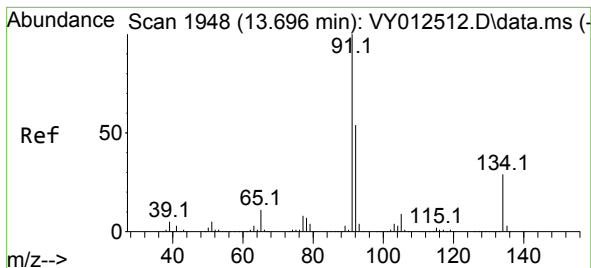
Ion Ratio Lower Upper

146 100

111 37.2 18.4 55.2

148 63.9 31.6 95.0





#89

n-Butylbenzene

Concen: 49.929 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY012624.D

Acq: 15 Feb 2023 19:08

Instrument :

MSVOA_Y

ClientSampleId :

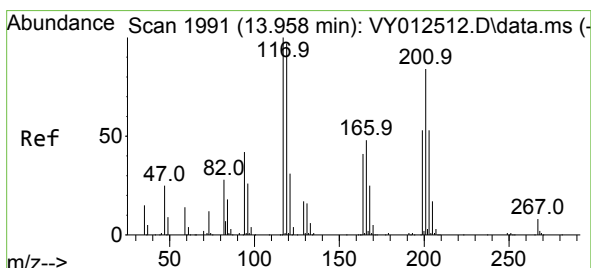
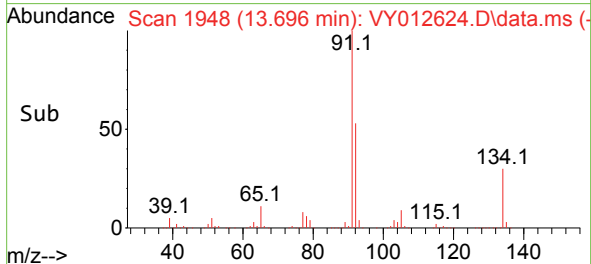
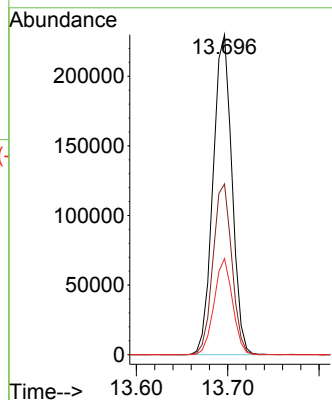
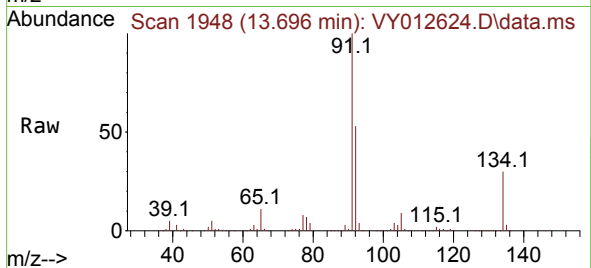
Tgt Ion: 91 Resp: 330728

Ion Ratio Lower Upper

91 100

92 53.4 26.6 79.7

134 29.3 14.5 43.5



#90

Hexachloroethane

Concen: 48.609 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY012624.D

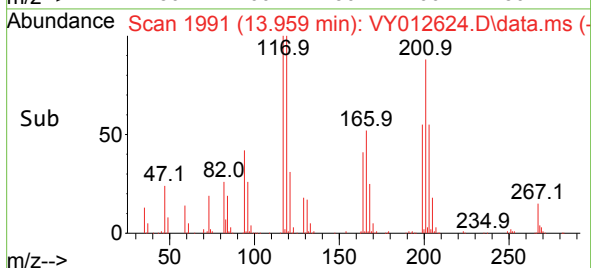
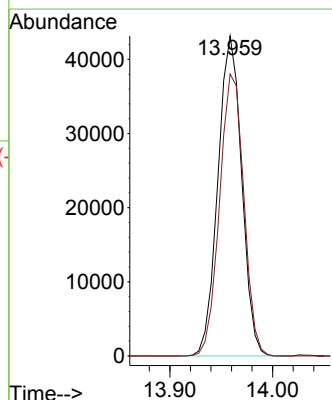
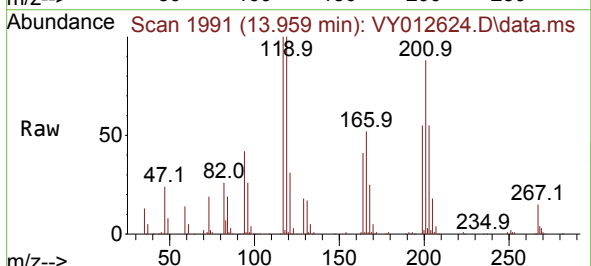
Acq: 15 Feb 2023 19:08

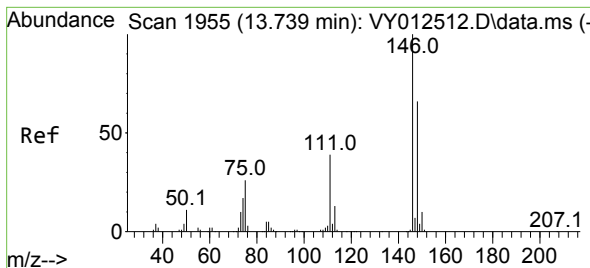
Tgt Ion: 117 Resp: 69151

Ion Ratio Lower Upper

117 100

201 89.8 43.9 131.7





#91

1,2-Dichlorobenzene

Concen: 51.336 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY012624.D

Acq: 15 Feb 2023 19:08

Instrument :

MSVOA_Y

ClientSampleId :

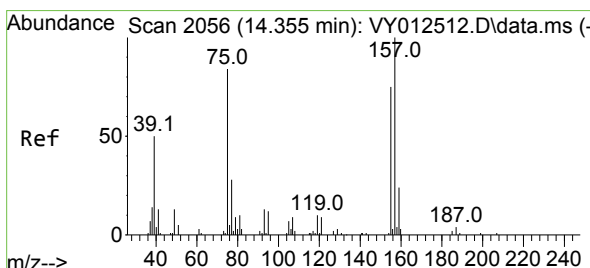
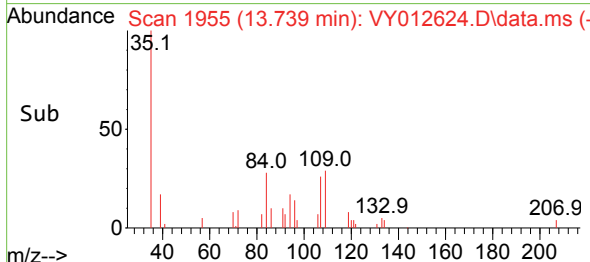
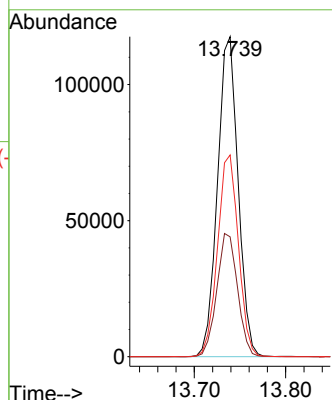
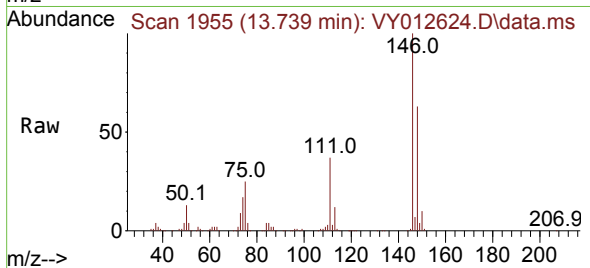
Tgt Ion:146 Resp: 184238

Ion Ratio Lower Upper

146 100

111 38.8 19.7 59.1

148 63.9 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.927 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY012624.D

Acq: 15 Feb 2023 19:08

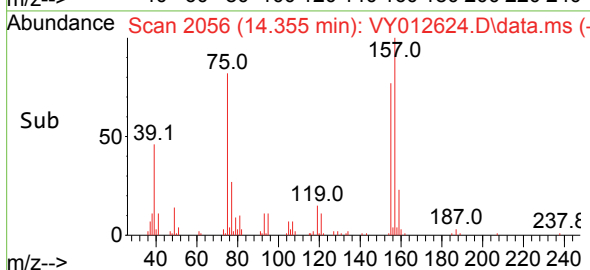
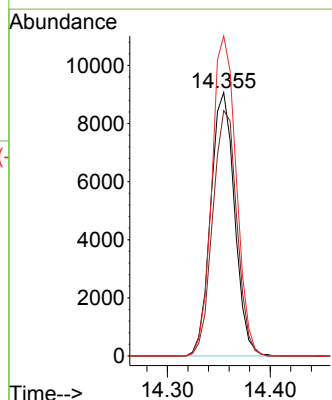
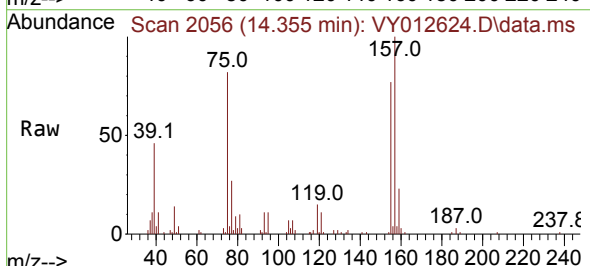
Tgt Ion: 75 Resp: 14621

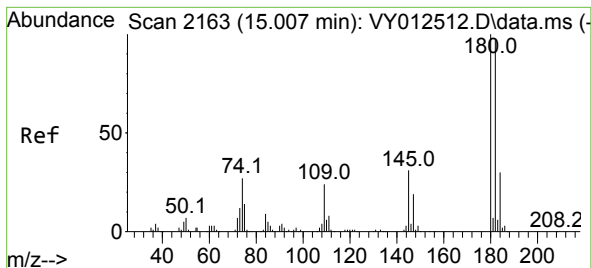
Ion Ratio Lower Upper

75 100

155 94.1 46.5 139.3

157 123.2 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 54.044 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

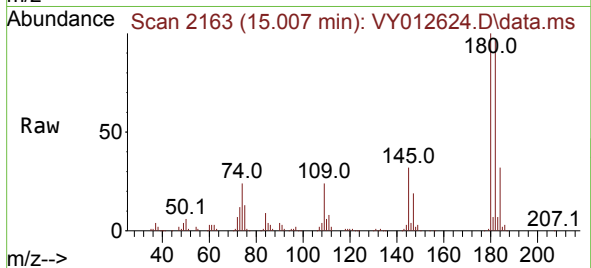
Lab File: VY012624.D

Acq: 15 Feb 2023 19:08

Instrument :

MSVOA_Y

ClientSampleId :



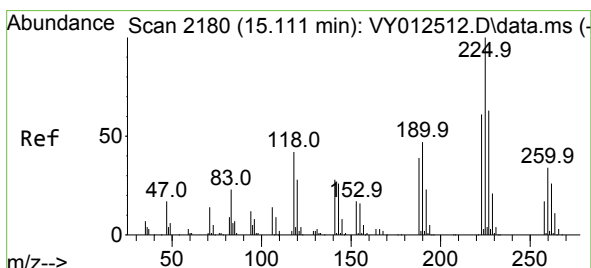
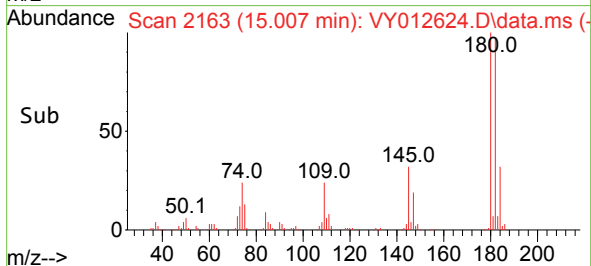
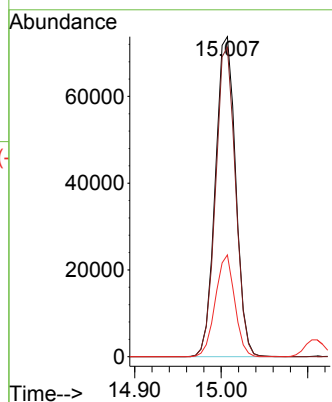
Tgt Ion:180 Resp: 120179

Ion Ratio Lower Upper

180 100

182 94.9 47.7 143.1

145 30.3 15.4 46.4



#94

Hexachlorobutadiene

Concen: 52.062 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY012624.D

Acq: 15 Feb 2023 19:08

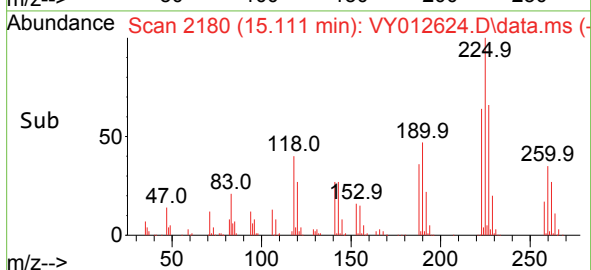
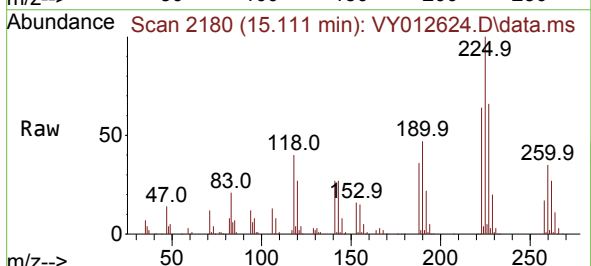
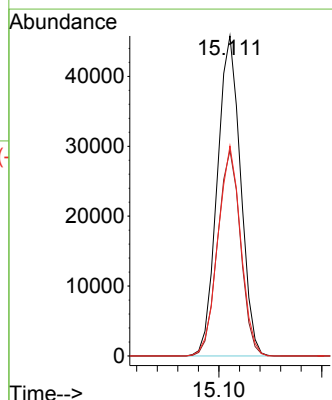
Tgt Ion:225 Resp: 71921

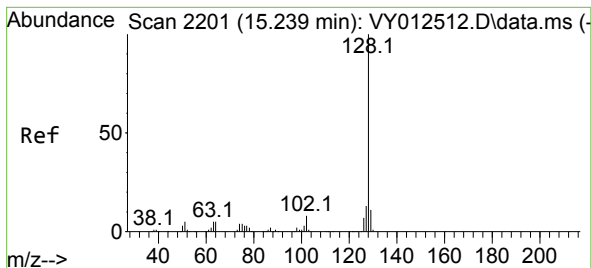
Ion Ratio Lower Upper

225 100

223 63.1 31.1 93.3

227 64.3 31.9 95.5





#95

Naphthalene

Concen: 59.619 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY012624.D

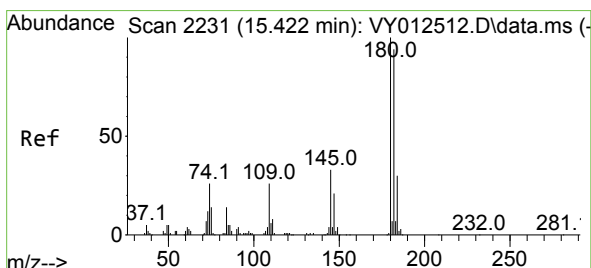
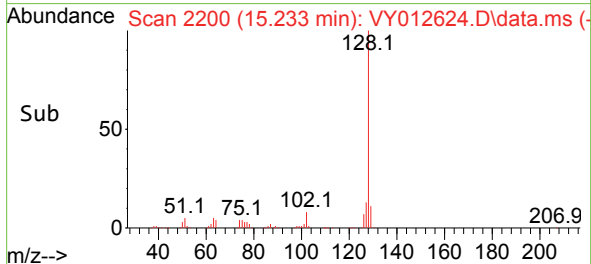
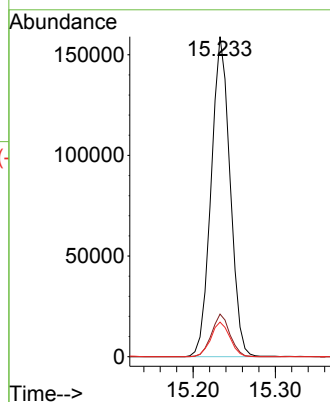
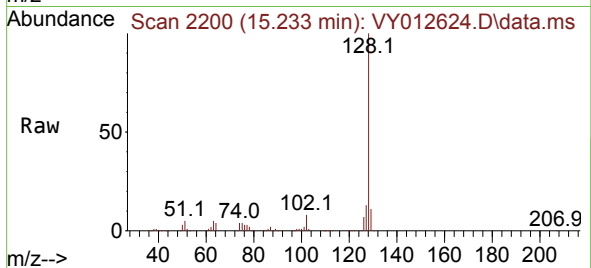
Acq: 15 Feb 2023 19:08

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp: 254506
Ion Ratio	Lower Upper
128 100	
127 12.9	10.4 15.6
129 10.8	8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 55.806 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY012624.D

Acq: 15 Feb 2023 19:08

Tgt Ion:180	Resp: 107420
Ion Ratio	Lower Upper
180 100	
182 94.2	47.4 142.2
145 32.0	16.2 48.6

