

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
 Data File : VY015195.D
 Acq On : 18 Aug 2023 15:01
 Operator : SY/MD
 Sample : 04086-06
 Misc : 5.08g/5.2mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 18 23:10:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	137772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	245492	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	260995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	133970	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	84525	51.109	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.220%	
35) Dibromofluoromethane	7.710	113	73681	46.653	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.300%	
50) Toluene-d8	10.179	98	423463	72.027	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 144.060%#	
62) 4-Bromofluorobenzene	12.477	95	157530	73.360	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 146.720%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	64	Below Cal	#	43
3) Chloromethane	2.107	50	425	Below Cal		93
5) Bromomethane	2.644	94	273	Below Cal	#	70
11) Tert butyl alcohol	4.942	59	1288	Below Cal	#	89
13) Acrolein	3.930	56	57623	552.422	ug/l #	77
15) Acrylonitrile	5.228	53	140245	285.652	ug/l #	40
16) Acetone	3.936	43	161720	299.327	ug/l #	61
17) Carbon Disulfide	4.180	76	3246	1.924	ug/l #	92
20) Methylene Chloride	4.710	84	35255	25.061	ug/l #	3
24) 1,1-Dichloroethane	6.088	63	2532	1.103	ug/l #	84
25) 2-Butanone	6.972	43	68293	89.275	ug/l #	53
26) 2,2-Dichloropropane	6.972	77	2940	1.328	ug/l #	54
29) Tetrahydrofuran	7.350	42	2761	6.036	ug/l #	35
30) Chloroform	7.466	83	83235	32.337	ug/l #	21
31) Cyclohexane	7.765	56	2408522	1715.480	ug/l #	48
37) Ethyl Acetate	6.972	43	68293	41.932	ug/l #	78
38) Carbon Tetrachloride	7.783	117	13927	6.735	ug/l #	16
39) Methylcyclohexane	9.179	83	2177171	1111.523	ug/l	89
40) Benzene	8.155	78	8309	1.573	ug/l	97
41) Methacrylonitrile	7.350	41	24257	28.884	ug/l #	49
42) 1,2-Dichloroethane	8.271	62	5874	3.062	ug/l #	1
43) Isopropyl Acetate	8.265	43	889012	299.748	ug/l #	55
45) 1,2-Dichloropropane	9.185	63	31543	21.176	ug/l #	1
47) Bromodichloromethane	9.478	83	185065	82.549	ug/l #	28
48) Methyl methacrylate	9.319	41	284084	223.912	ug/l #	28
51) 4-Methyl-2-Pentanone	10.112	43	558756	325.068	ug/l #	84
52) Toluene	10.240	92	712454	204.622	ug/l	94
55) 1,1,2-Trichloroethane	10.618	97	700778	490.562	ug/l #	22
56) Ethyl methacrylate	10.520	69	38737	18.529	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.758	63	23588	24.244	ug/l #	48
59) 2-Hexanone	10.801	43	1119798	880.232	ug/l #	33
60) Dibromochloromethane	10.904	129	8514	4.996	ug/l	61
61) 1,2-Dibromoethane	11.063	107	2016	1.486	ug/l #	1
65) Chlorobenzene	11.624	112	11669	2.454	ug/l #	43
67) Ethyl Benzene	11.593	91	1234164	148.126	ug/l	99
68) m/p-Xylenes	11.697	106	327532	103.503	ug/l	99

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

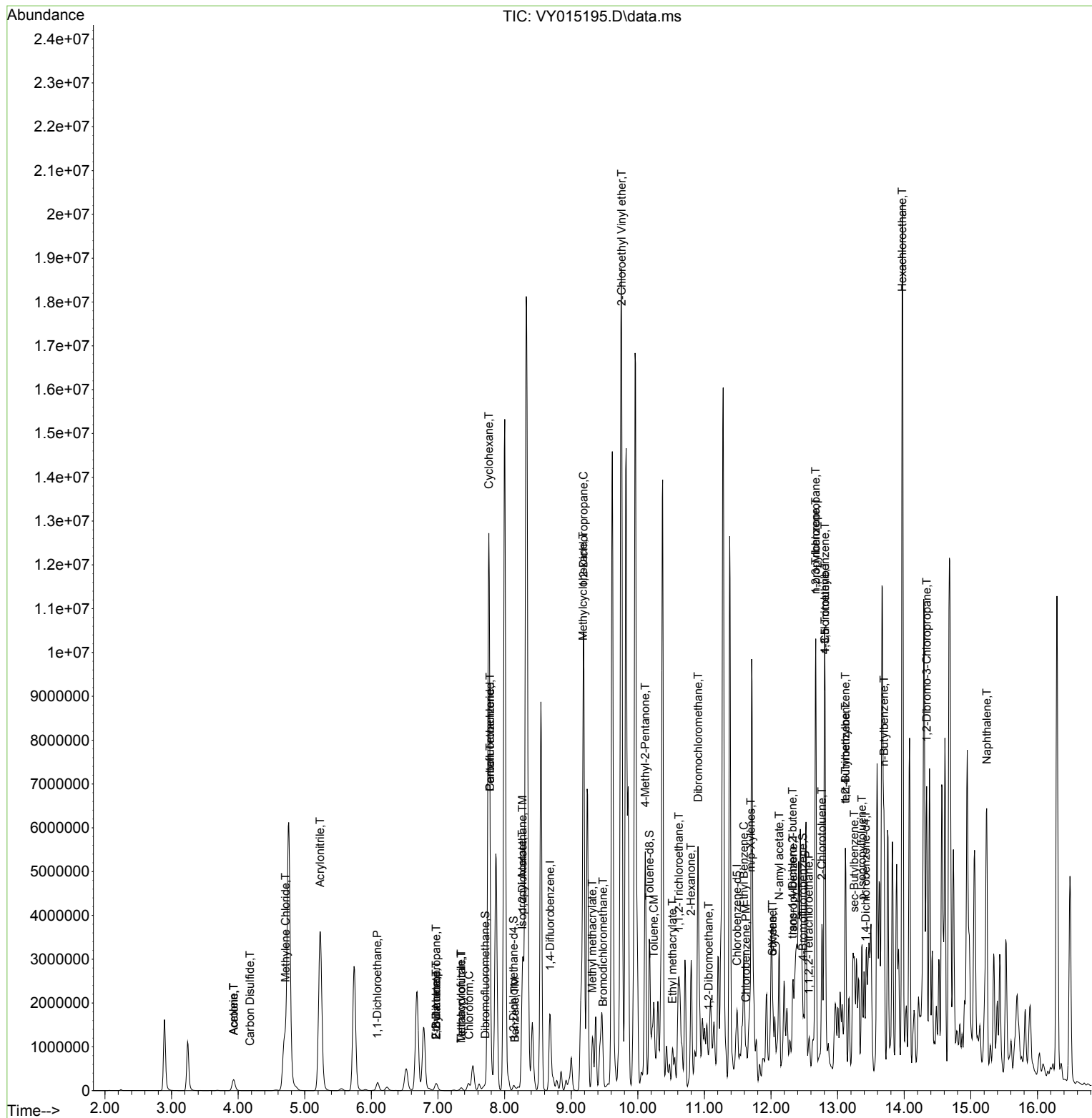
69) o-Xylene	12.026	106	107110	33.978	ug/l	98
70) Styrene	12.026	104	5901	1.082	ug/l #	1
73) Isopropylbenzene	12.331	105	1206268	140.024	ug/l	100
74) N-amyl acetate	12.124	43	620332	199.442	ug/l #	65
75) 1,1,2,2-Tetrachloroethane	12.569	83	15175	6.763	ug/l #	1
76) 1,2,3-Trichloropropane	12.672	75	44616	27.412	ug/l #	100
78) n-propylbenzene	12.672	91	6935166	677.932	ug/l	98
79) 2-Chlorotoluene	12.764	91	253174	42.901	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.812	105	1910680	266.075	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.325	75	14436	19.481	ug/l #	5
82) 4-Chlorotoluene	12.812	91	212357	34.831	ug/l #	46
83) tert-Butylbenzene	13.117	119	292154	44.480	ug/l #	65
84) 1,2,4-Trimethylbenzene	13.117	105	2410795	335.970	ug/l	98
85) sec-Butylbenzene	13.251	105	1310398	136.162	ug/l #	54
86) p-Isopropyltoluene	13.367	119	360298	45.156	ug/l	99
89) n-Butylbenzene	13.696	91	3864528	513.685	ug/l #	76
90) Hexachloroethane	13.971	117	949884	600.088	ug/l #	8
92) 1,2-Dibromo-3-Chloropr...	14.337	75	20156	46.375	ug/l #	3
95) Naphthalene	15.239	128	4280524	687.916	ug/l	99

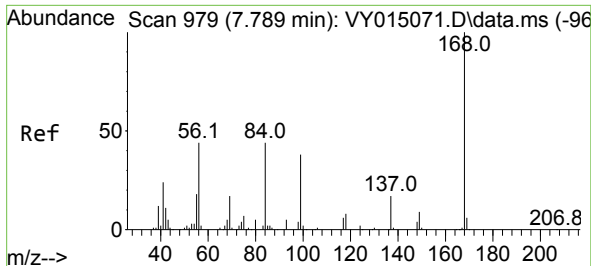
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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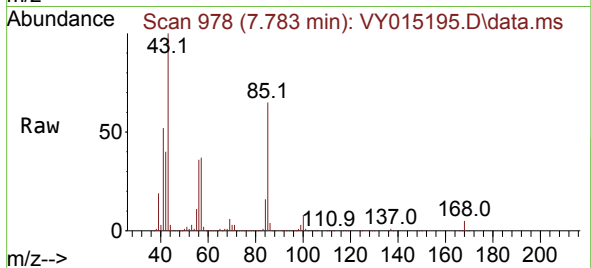
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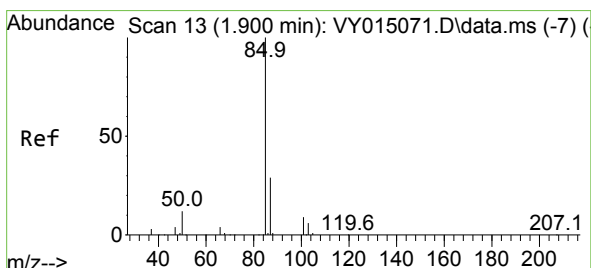
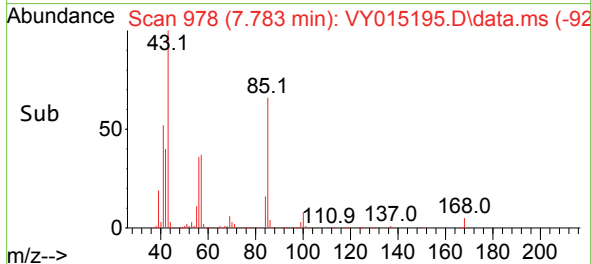
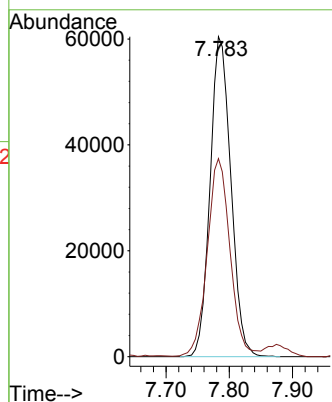


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015195.D
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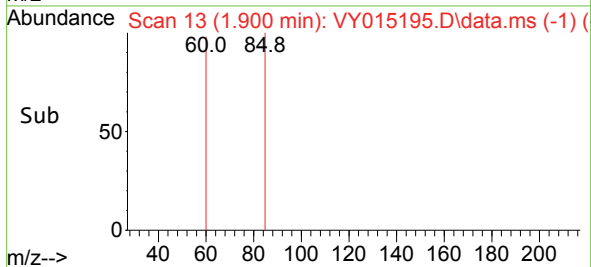
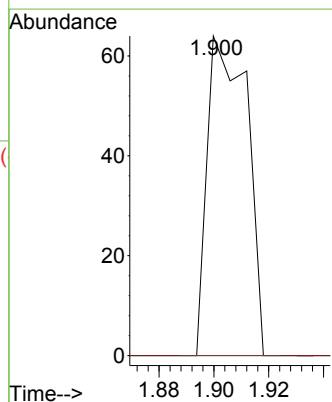
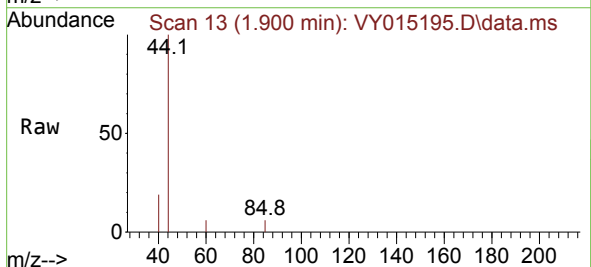


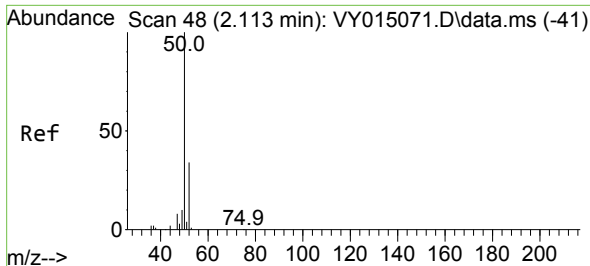
Tgt Ion:168 Resp: 137772
Ion Ratio Lower Upper
168 100
99 61.6 43.4 65.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY015195.D
Acq: 18 Aug 2023 15:01

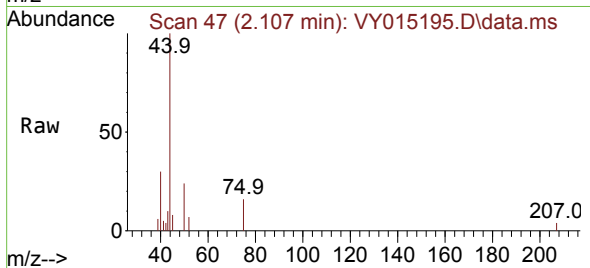
Tgt Ion: 85 Resp: 64
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#



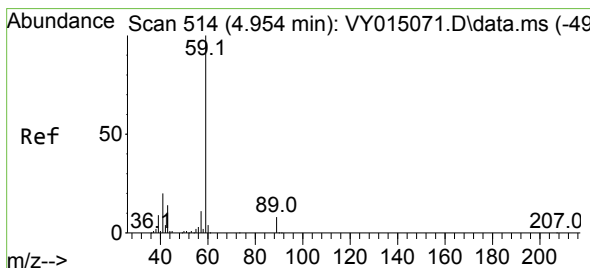
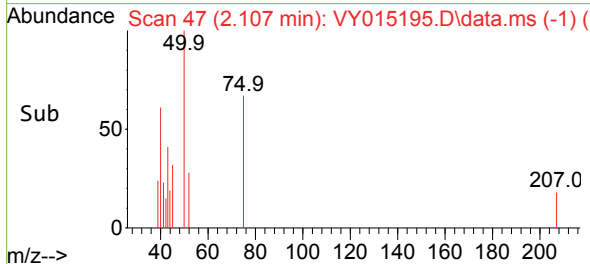
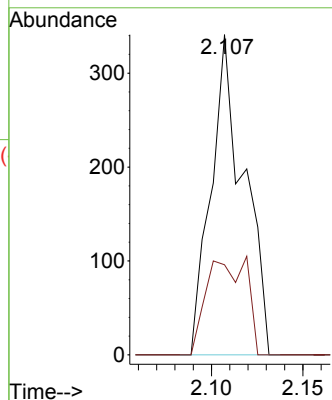


#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY015195.D
Acq: 18 Aug 2023 15:01

Instrument :
MSVOA_Y
ClientSampleId :

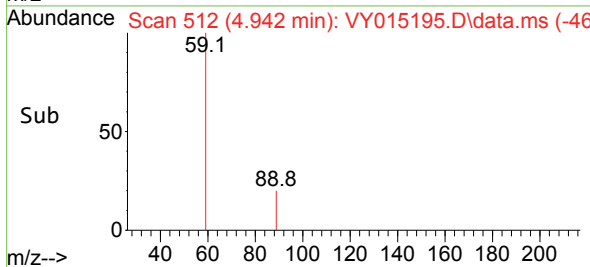
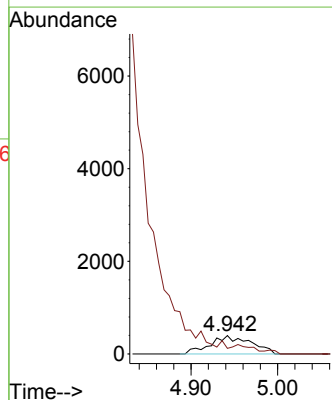
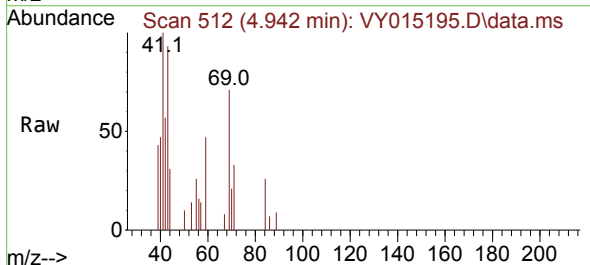


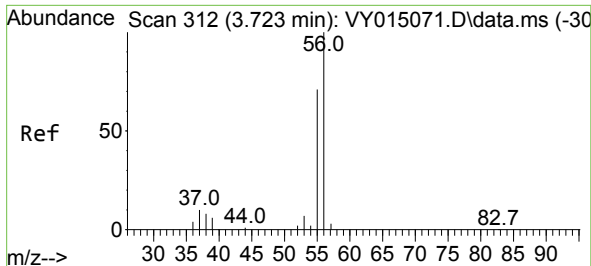
Tgt Ion: 50 Resp: 425
Ion Ratio Lower Upper
50 100
52 28.2 25.4 38.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY015195.D
Acq: 18 Aug 2023 15:01

Tgt Ion: 59 Resp: 1288
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

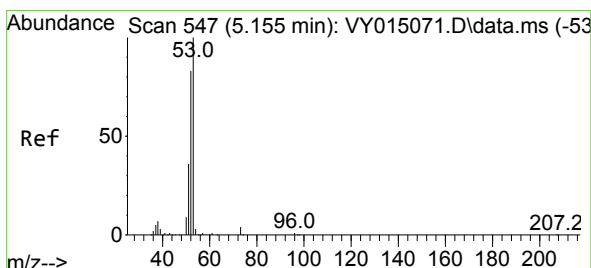
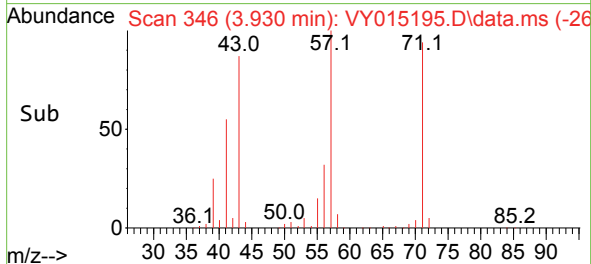
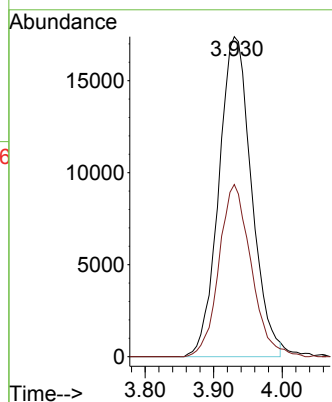
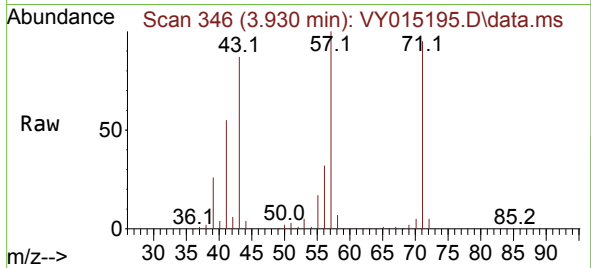




#13
Acrolein
Concen: 552.422 ug/l
RT: 3.930 min Scan# 34
Delta R.T. 0.207 min
Lab File: VY015195.D
Acq: 18 Aug 2023 15:01

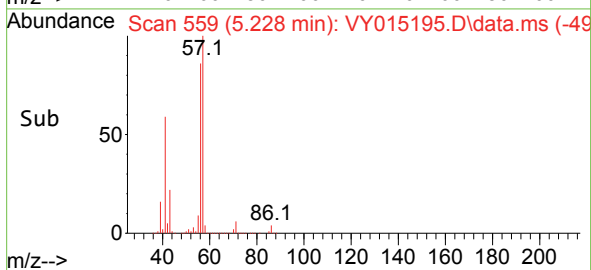
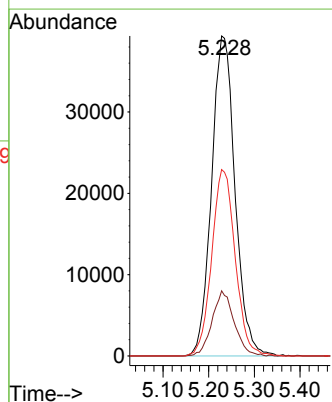
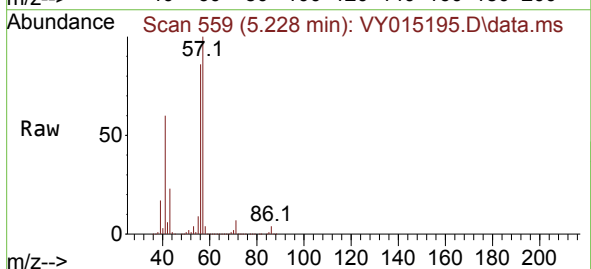
Instrument :
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ClientSampleId :

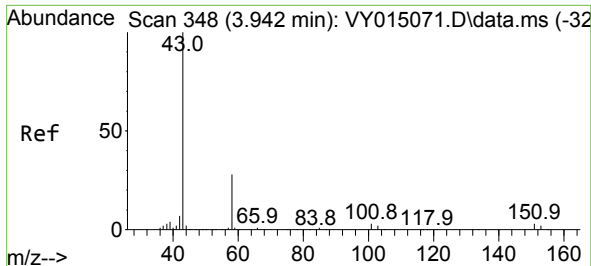
Tgt Ion: 56 Resp: 57623
Ion Ratio Lower Upper
56 100
55 52.3 57.0 85.4#



#15
Acrylonitrile
Concen: 285.652 ug/l
RT: 5.228 min Scan# 559
Delta R.T. 0.073 min
Lab File: VY015195.D
Acq: 18 Aug 2023 15:01

Tgt Ion: 53 Resp: 140245
Ion Ratio Lower Upper
53 100
52 19.1 66.9 100.3#
51 58.4 29.8 44.6#

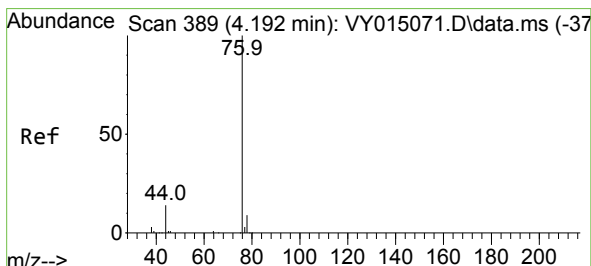
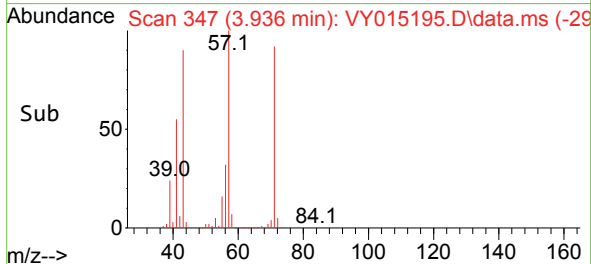
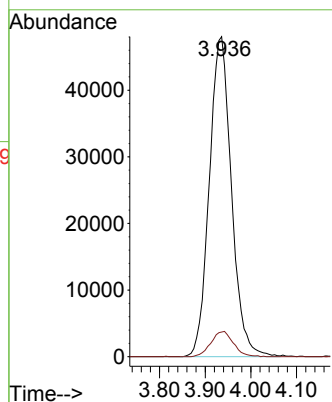
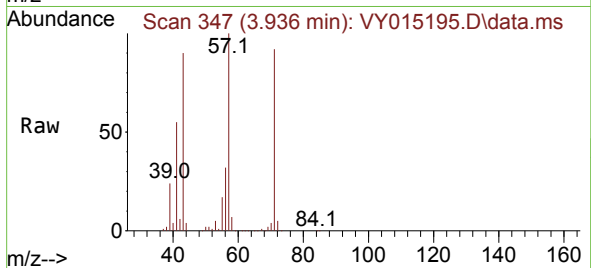




#16
Acetone
Concen: 299.327 ug/l
RT: 3.936 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY015195.D
Acq: 18 Aug 2023 15:01

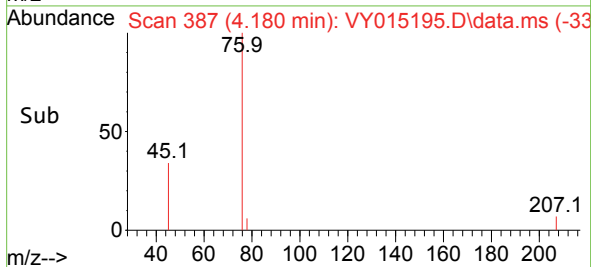
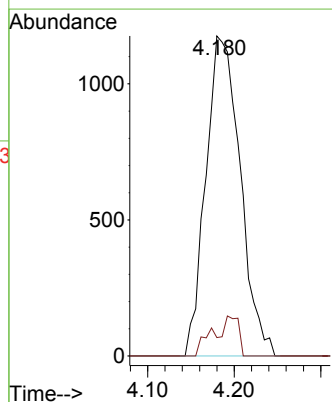
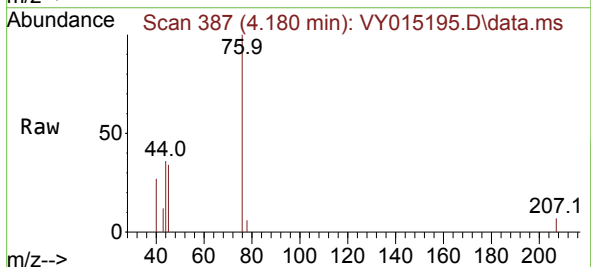
Instrument :
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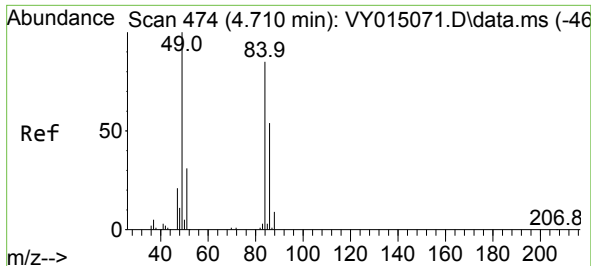
Tgt Ion: 43 Resp: 161720
Ion Ratio Lower Upper
43 100
58 7.7 22.7 34.1#



#17
Carbon Disulfide
Concen: 1.924 ug/l
RT: 4.180 min Scan# 387
Delta R.T. -0.006 min
Lab File: VY015195.D
Acq: 18 Aug 2023 15:01

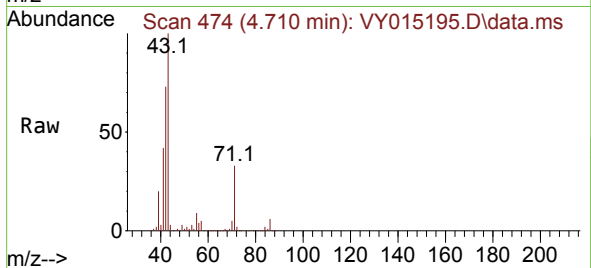
Tgt Ion: 76 Resp: 3246
Ion Ratio Lower Upper
76 100
78 5.8 7.0 10.4#



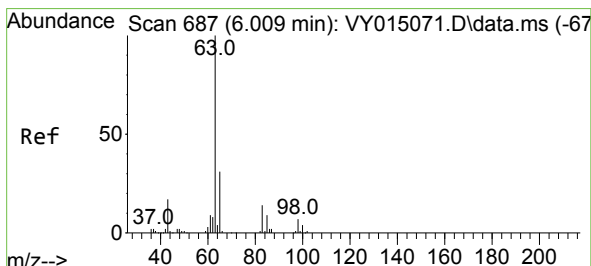
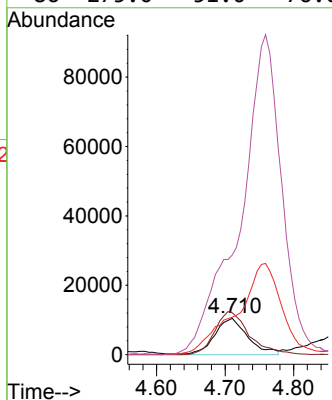
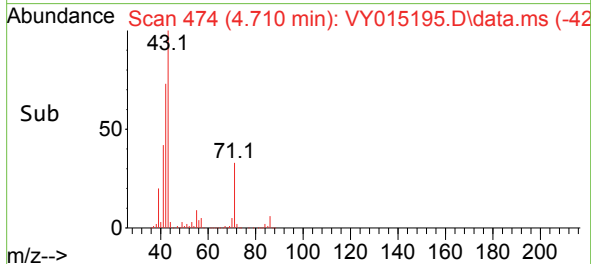


#20
Methylene Chloride
Concen: 25.061 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY015195.D
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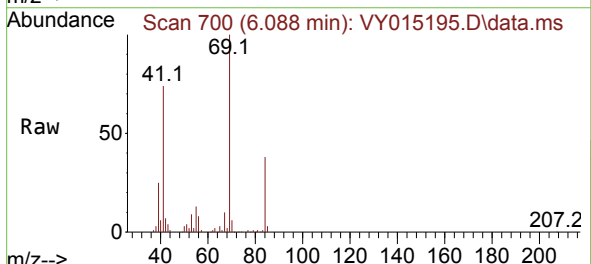
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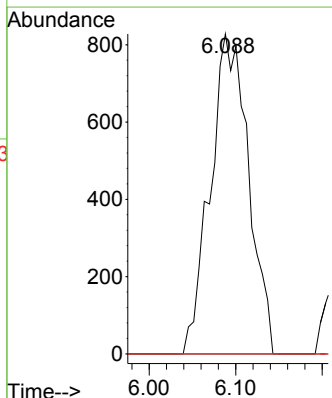
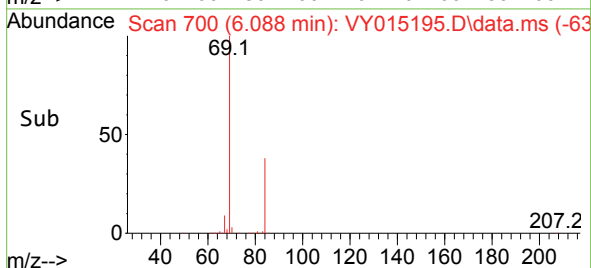
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Ion Ratio Lower Upper
84 100
49 117.9 106.9 160.3
51 103.7 33.2 49.8#
86 275.0 51.0 76.6#

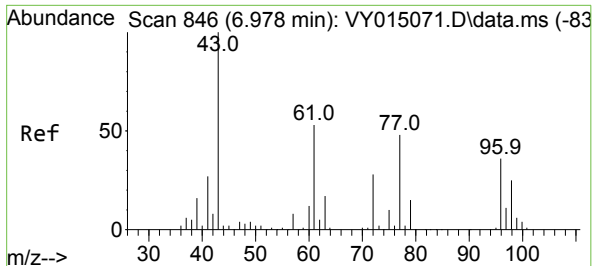


#24
1,1-Dichloroethane
Concen: 1.103 ug/l
RT: 6.088 min Scan# 700
Delta R.T. 0.079 min
Lab File: VY015195.D
Acq: 18 Aug 2023 15:01



Tgt Ion: 63 Resp: 2532
Ion Ratio Lower Upper
63 100
98 0.0 3.1 9.4#
100 0.0 1.8 5.5#

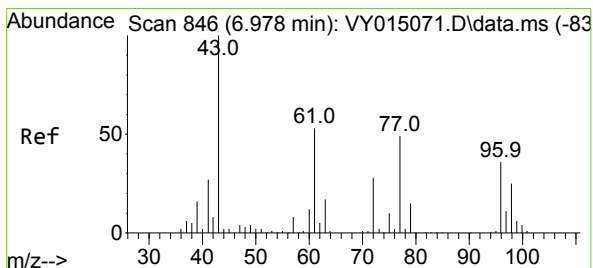
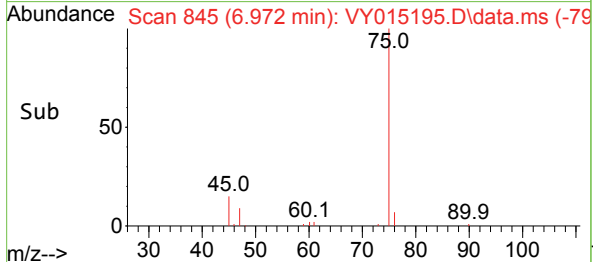
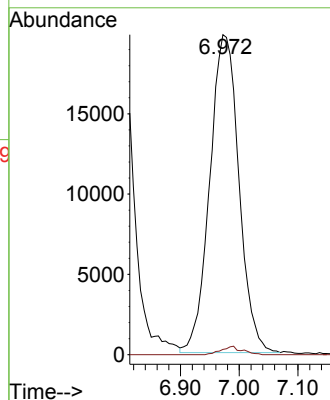
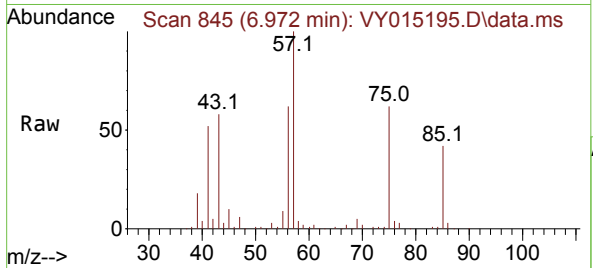




#25
2-Butanone
Concen: 89.275 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY015195.D
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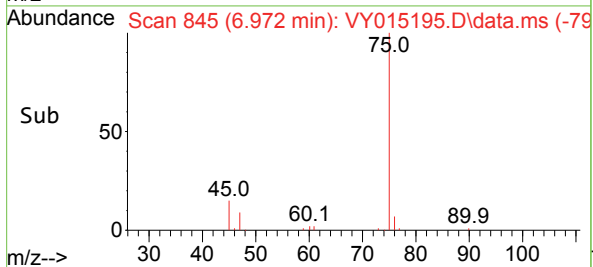
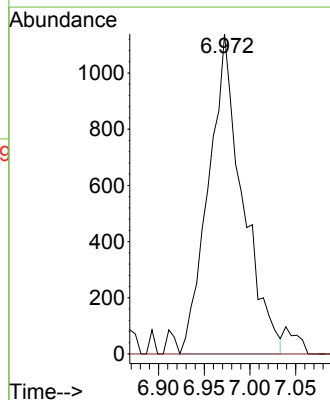
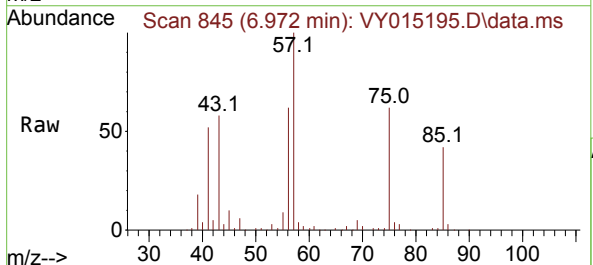
Instrument :
MSVOA_Y
ClientSampleId :

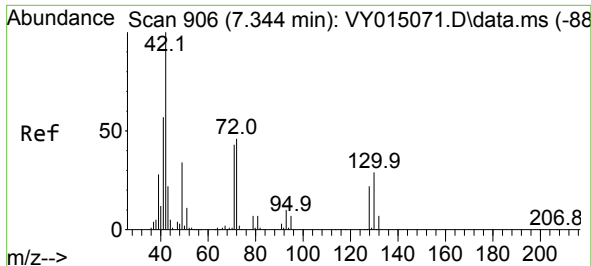
Tgt Ion: 43 Resp: 68293
Ion Ratio Lower Upper
43 100
72 1.7 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 1.328 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY015195.D
Acq: 18 Aug 2023 15:01

Tgt Ion: 77 Resp: 2940
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#





#29

Tetrahydrofuran

Concen: 6.036 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

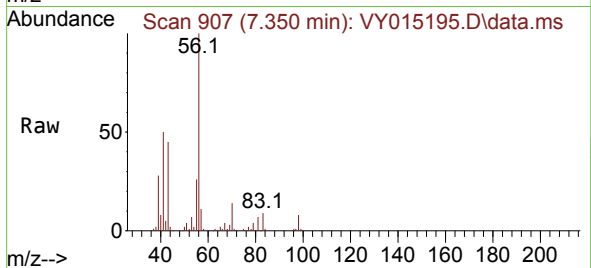
Lab File: VY015195.D

Acq: 18 Aug 2023 15:01

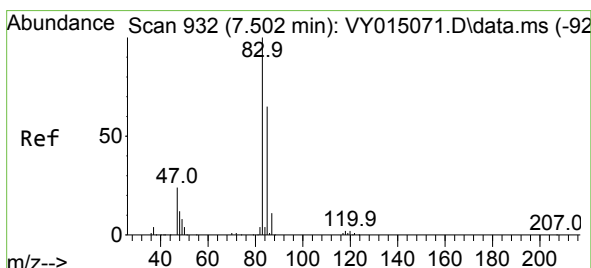
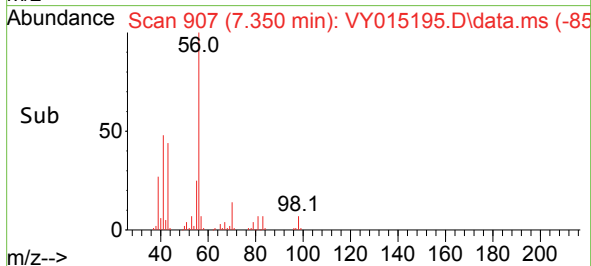
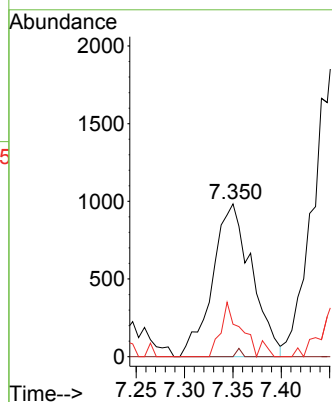
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	2761
Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.8	49.2#
71	0.0	31.0	46.4#



#30

Chloroform

Concen: 32.337 ug/l

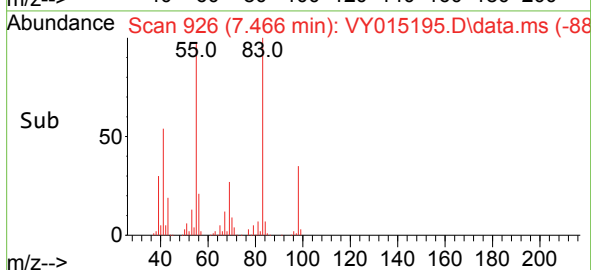
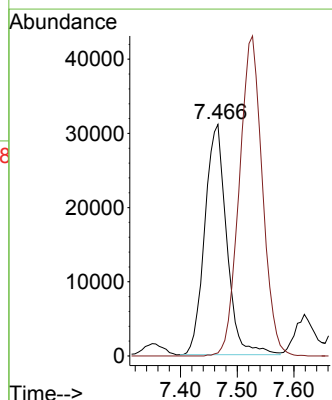
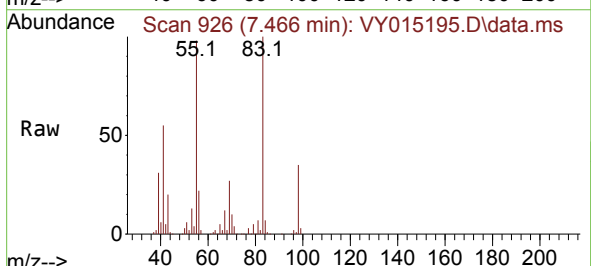
RT: 7.466 min Scan# 926

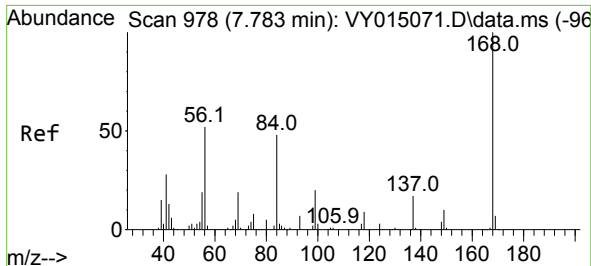
Delta R.T. -0.036 min

Lab File: VY015195.D

Acq: 18 Aug 2023 15:01

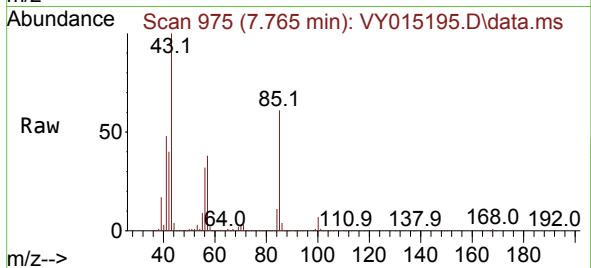
Tgt Ion:	83	Resp:	83235
Ion	Ratio	Lower	Upper
83	100		
85	1.3	49.7	74.5#



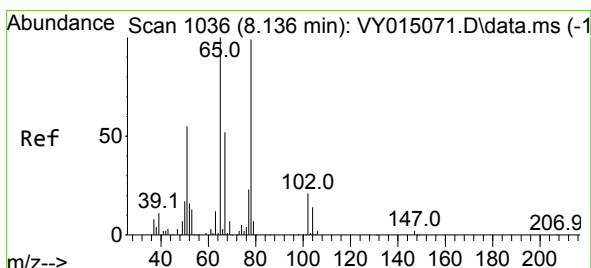
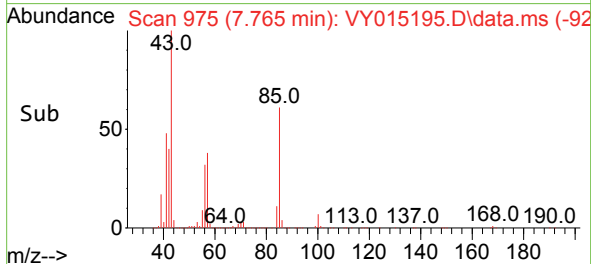
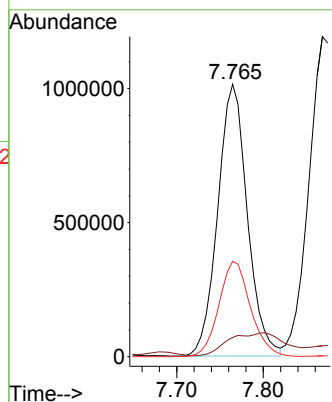


#31
Cyclohexane
Concen: 1715.480 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY015195.D
Acq: 18 Aug 2023 15:01

Instrument :
MSVOA_Y
ClientSampleId :

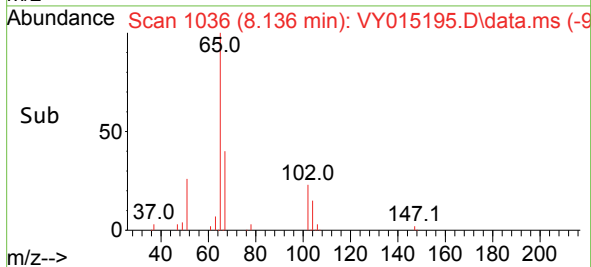
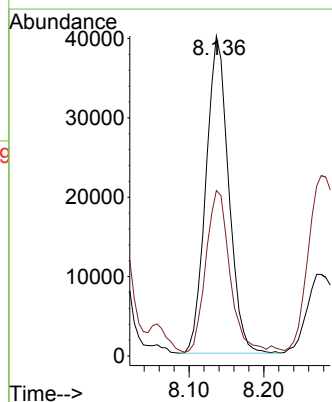
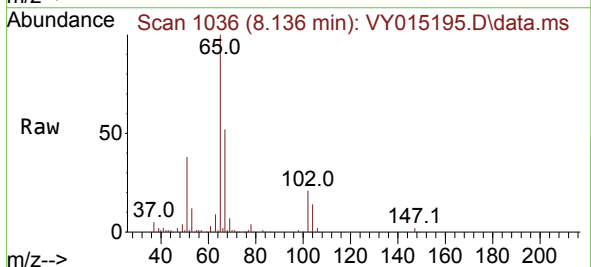


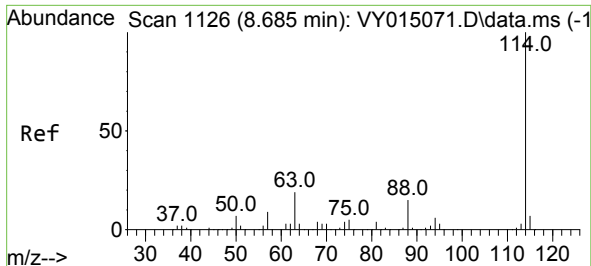
Tgt Ion: 56 Resp: 2408522
Ion Ratio Lower Upper
56 100
69 6.2 27.8 41.6#
84 35.0 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 51.109 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015195.D
Acq: 18 Aug 2023 15:01

Tgt Ion: 65 Resp: 84525
Ion Ratio Lower Upper
65 100
67 53.7 0.0 101.8

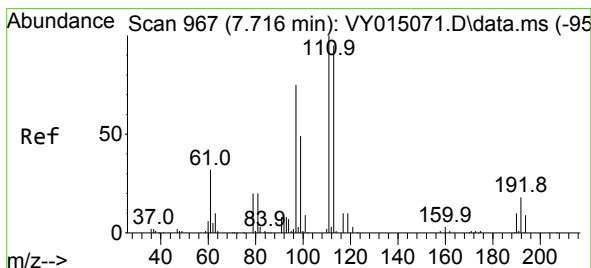
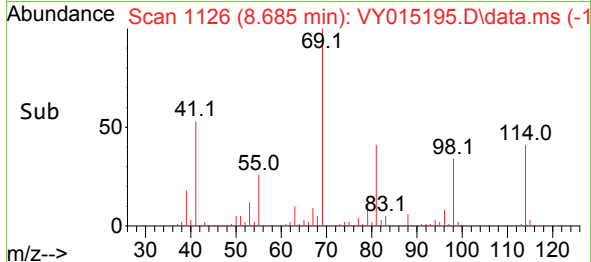
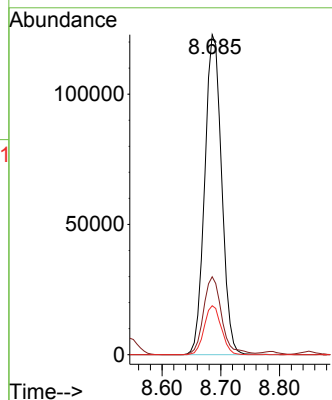
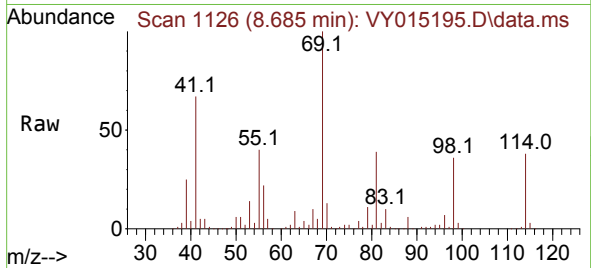




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015195.D
Acq: 18 Aug 2023 15:01

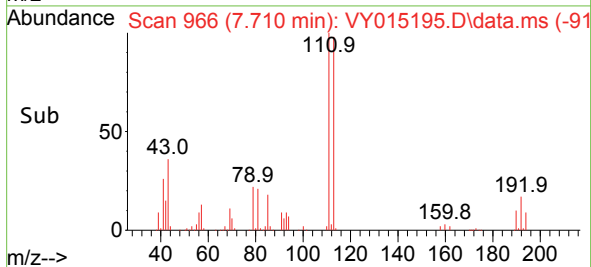
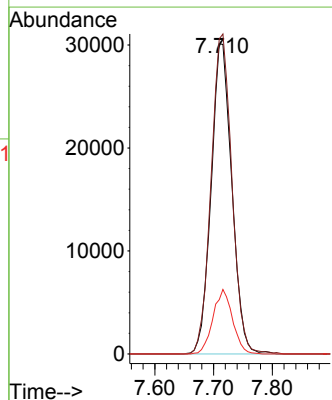
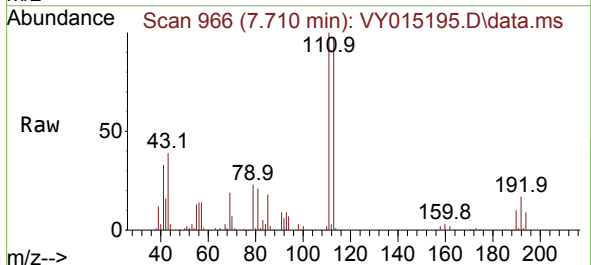
Instrument :
MSVOA_Y
ClientSampleId :

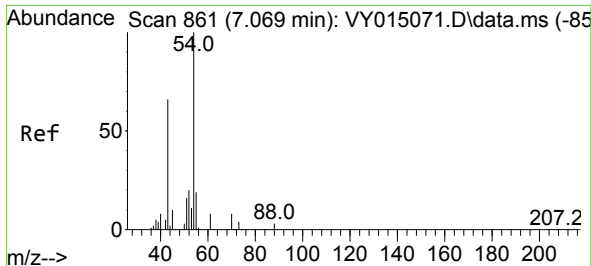
Tgt Ion:114 Resp: 245492
Ion Ratio Lower Upper
114 100
63 24.3 0.0 42.4
88 15.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 46.653 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY015195.D
Acq: 18 Aug 2023 15:01

Tgt Ion:113 Resp: 73681
Ion Ratio Lower Upper
113 100
111 103.7 81.3 121.9
192 19.7 16.9 25.3





#37

Ethyl Acetate

Concen: 41.932 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.097 min

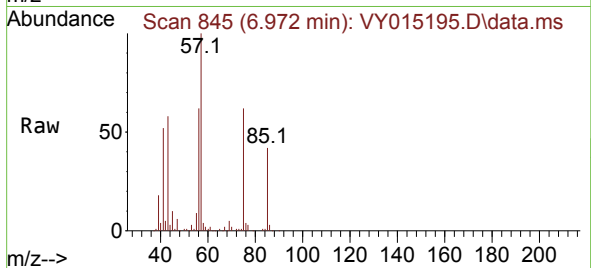
Lab File: VY015195.D

Acq: 18 Aug 2023 15:01

Instrument :

MSVOA_Y

ClientSampleId :



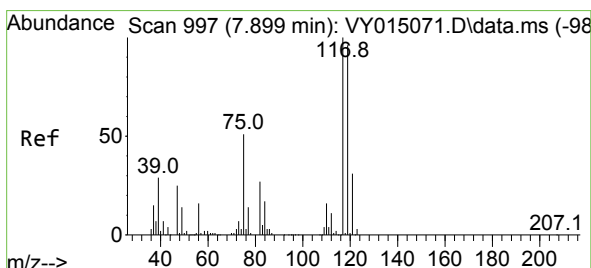
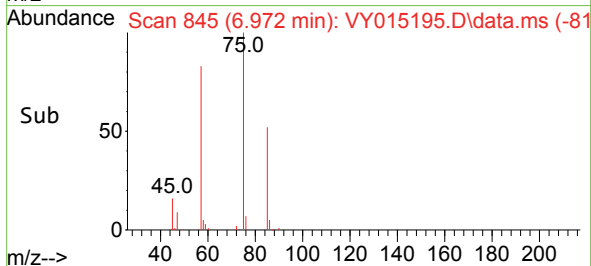
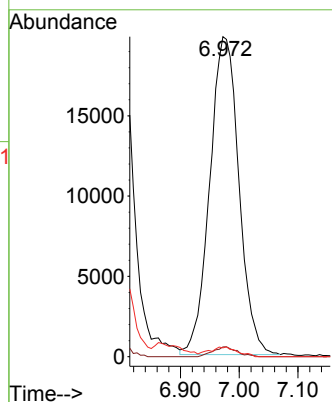
Tgt Ion: 43 Resp: 68293

Ion Ratio Lower Upper

43 100

61 2.5 10.1 15.1#

70 2.9 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 6.735 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY015195.D

Acq: 18 Aug 2023 15:01

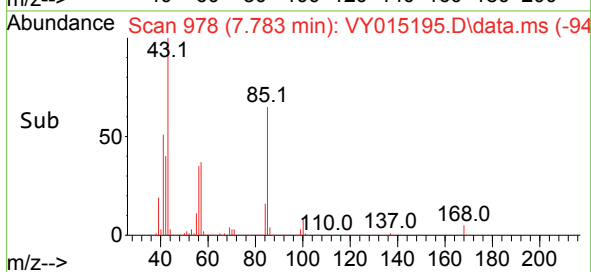
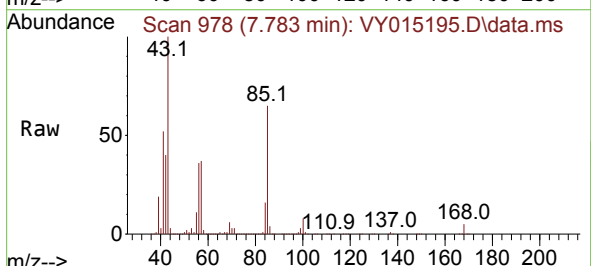
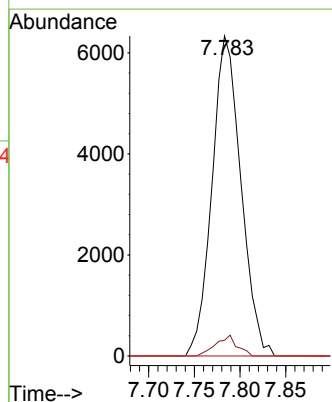
Tgt Ion: 117 Resp: 13927

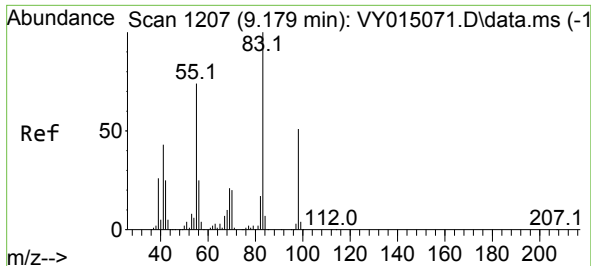
Ion Ratio Lower Upper

117 100

119 4.9 76.4 114.6#

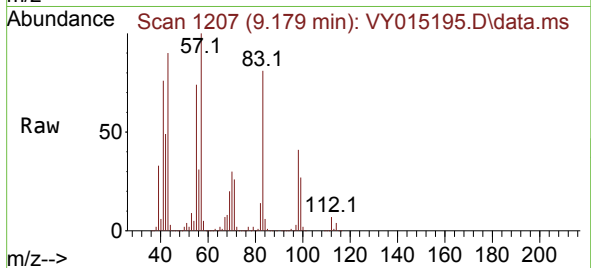
121 0.0 25.8 38.6#



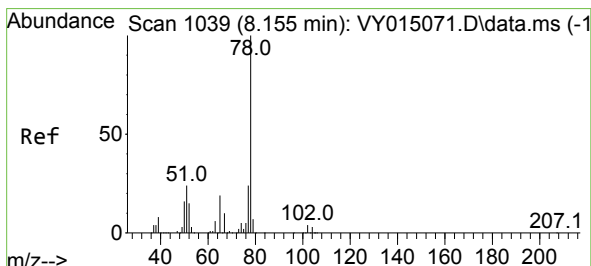
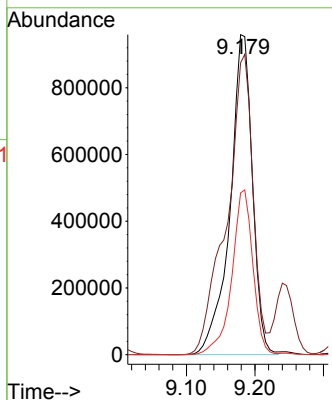
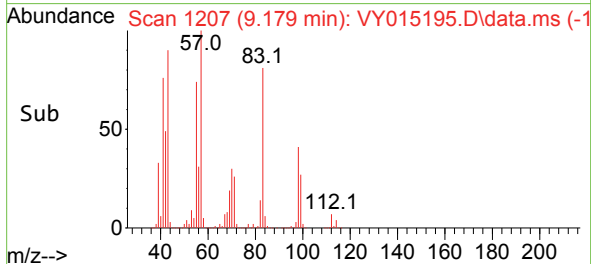


#39
Methylcyclohexane
Concen: 1111.523 ug/l
RT: 9.179 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VY015195.D
Acq: 18 Aug 2023 15:01

Instrument :
MSVOA_Y
ClientSampleId :

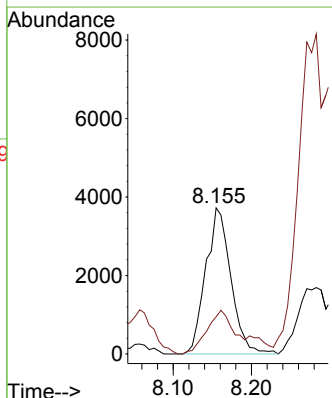
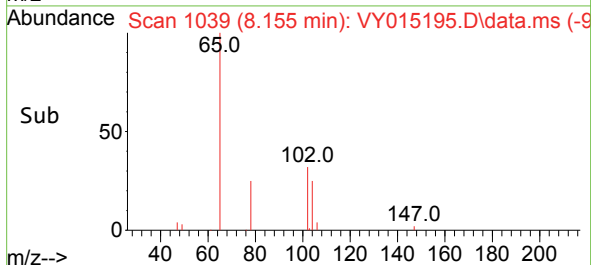
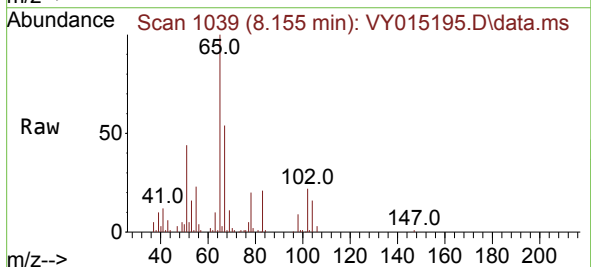


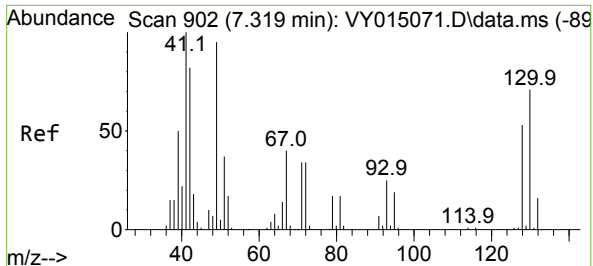
Tgt Ion: 83 Resp: 2177171
Ion Ratio Lower Upper
83 100
55 91.2 63.0 94.4
98 50.6 37.4 56.2



#40
Benzene
Concen: 1.573 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY015195.D
Acq: 18 Aug 2023 15:01

Tgt Ion: 78 Resp: 8309
Ion Ratio Lower Upper
78 100
77 25.4 19.0 28.6

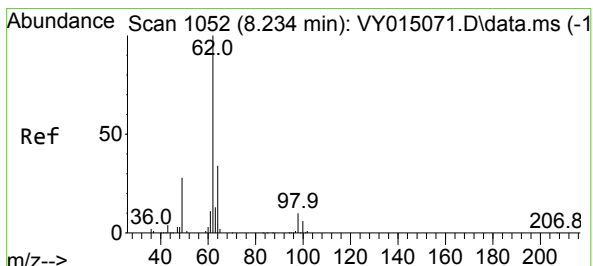
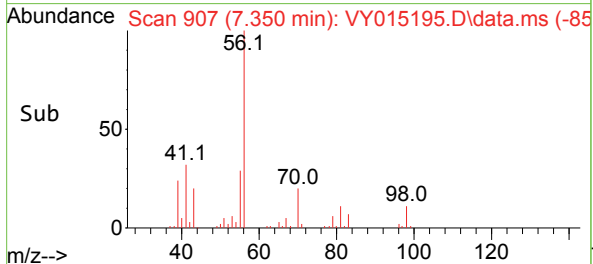
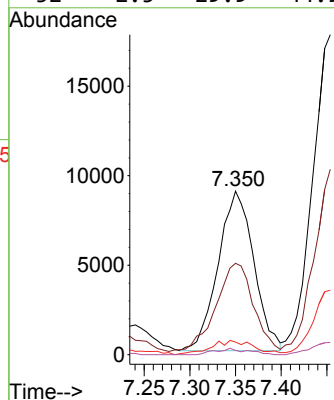
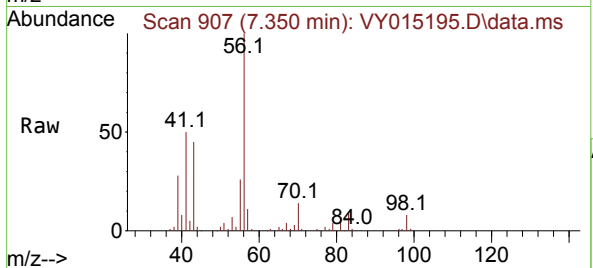




#41
Methacrylonitrile
Concen: 28.884 ug/l
RT: 7.350 min Scan# 90
Delta R.T. 0.043 min
Lab File: VY015195.D
Acq: 18 Aug 2023 15:01

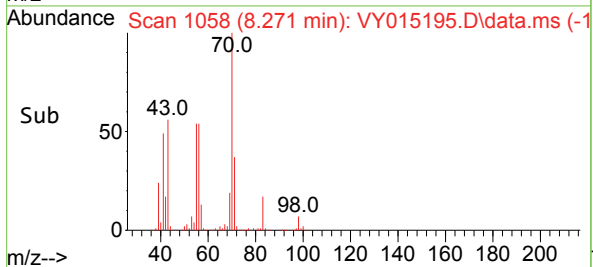
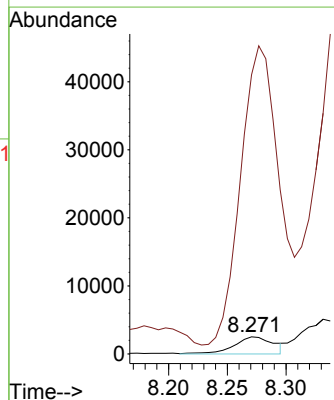
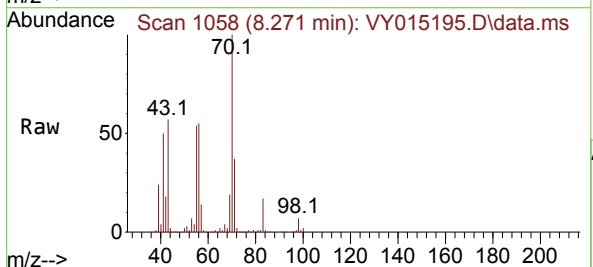
Instrument :
MSVOA_Y
ClientSampleId :

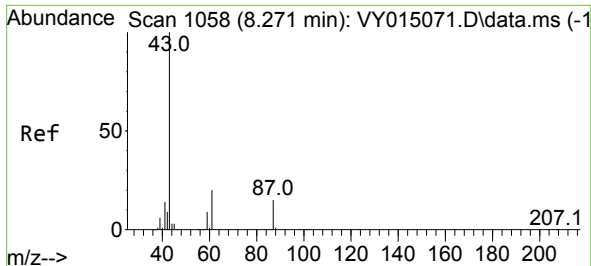
Tgt Ion:	41	Resp:	24257
Ion	Ratio	Lower	Upper
41	100		
39	57.6	52.1	78.1
67	10.9	66.2	99.2#
52	2.5	29.9	44.9#



#42
1,2-Dichloroethane
Concen: 3.062 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.037 min
Lab File: VY015195.D
Acq: 18 Aug 2023 15:01

Tgt Ion:	62	Resp:	5874
Ion	Ratio	Lower	Upper
62	100		
98	1744.2	0.0	15.8#

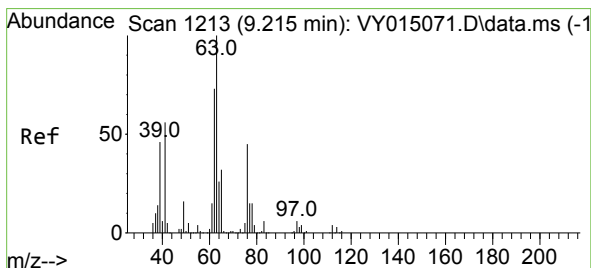
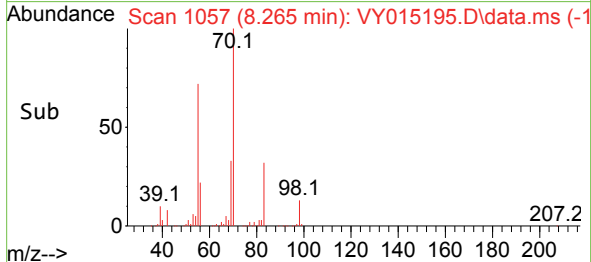
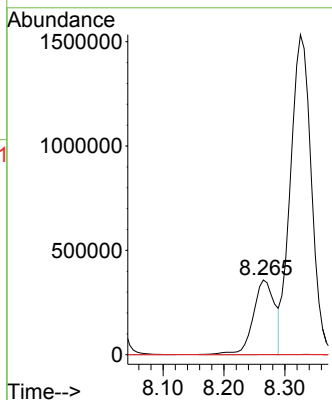
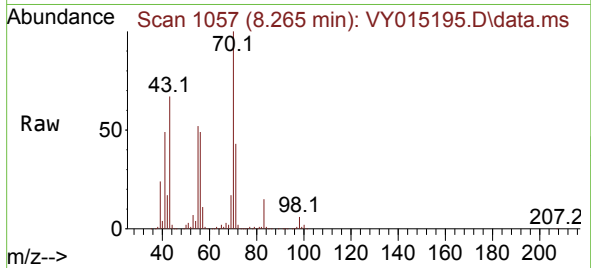




#43
Isopropyl Acetate
Concen: 299.748 ug/l
RT: 8.265 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VY015195.D
Acq: 18 Aug 2023 15:01

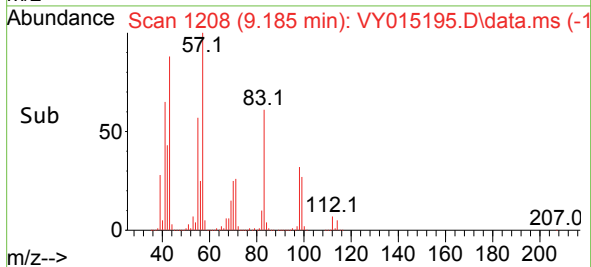
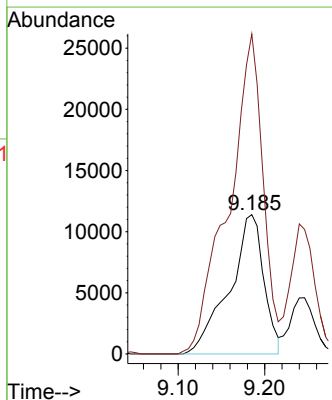
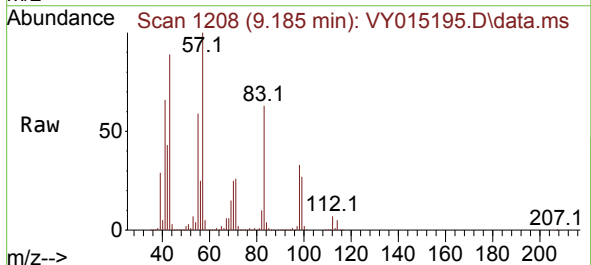
Instrument :
MSVOA_Y
ClientSampleId :

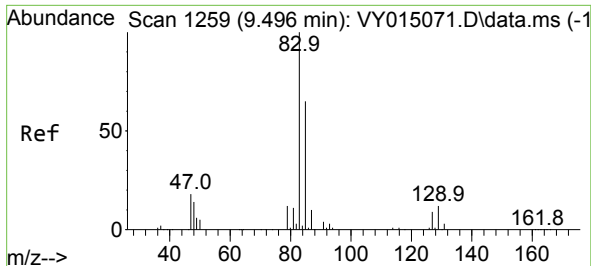
Tgt Ion: 43 Resp: 889012
Ion Ratio Lower Upper
43 100
61 0.2 21.1 31.7#
87 0.0 9.8 14.8#



#45
1,2-Dichloropropane
Concen: 21.176 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.024 min
Lab File: VY015195.D
Acq: 18 Aug 2023 15:01

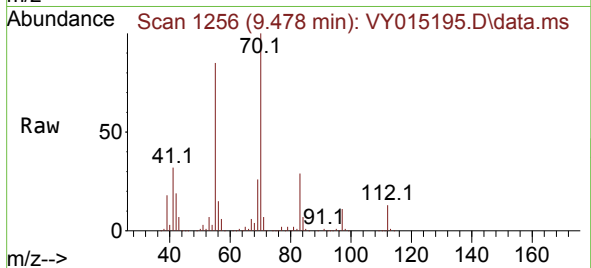
Tgt Ion: 63 Resp: 31543
Ion Ratio Lower Upper
63 100
65 229.7 23.8 35.6#



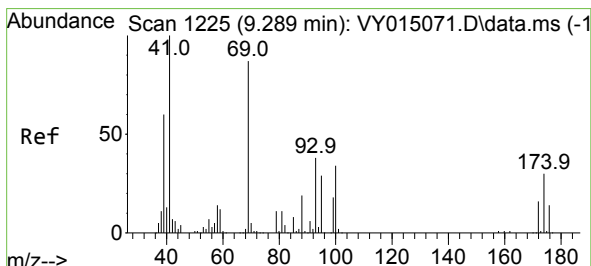
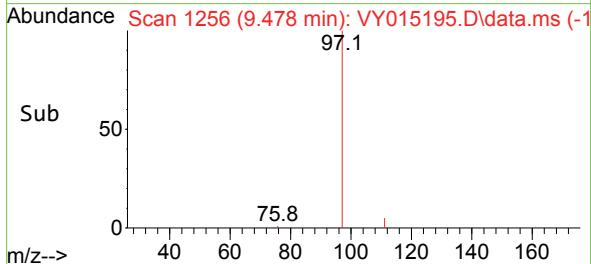
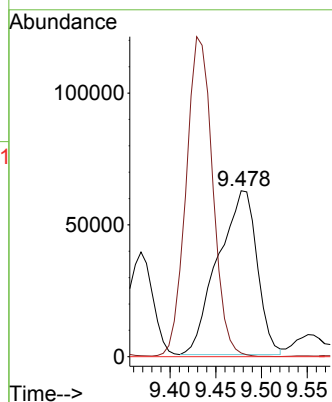


#47
Bromodichloromethane
Concen: 82.549 ug/l
RT: 9.478 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY015195.D
Acq: 18 Aug 2023 15:01

Instrument :
MSVOA_Y
ClientSampleId :

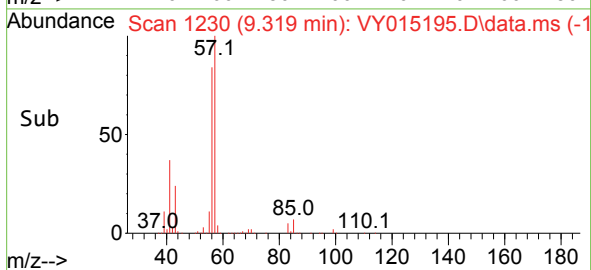
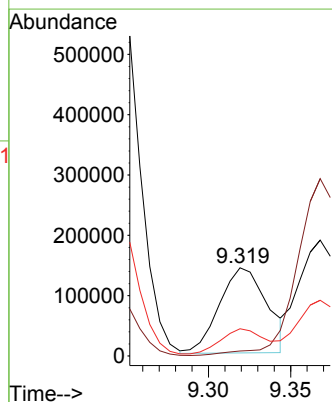
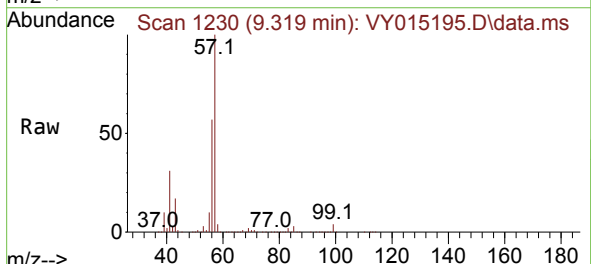


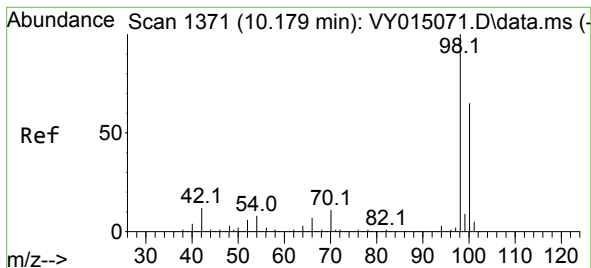
Tgt Ion: 83 Resp: 185065
Ion Ratio Lower Upper
83 100
85 2.1 50.1 75.1#
127 0.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 223.912 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.031 min
Lab File: VY015195.D
Acq: 18 Aug 2023 15:01

Tgt Ion: 41 Resp: 284084
Ion Ratio Lower Upper
41 100
69 0.0 64.5 96.7#
39 26.9 50.8 76.2#

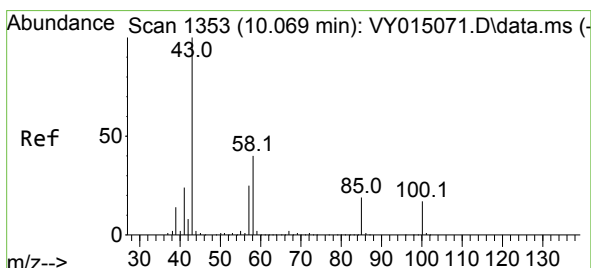
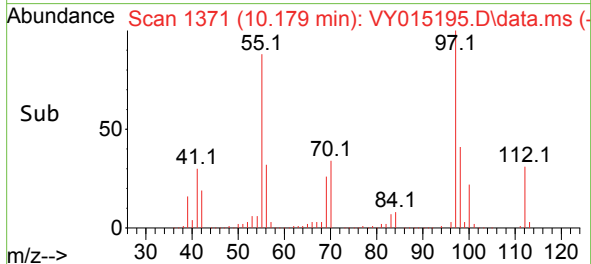
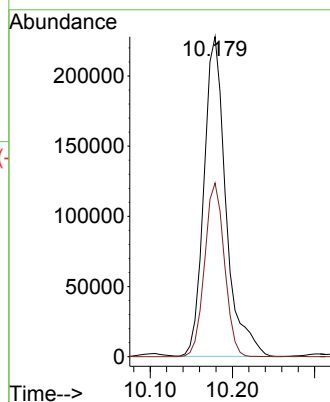
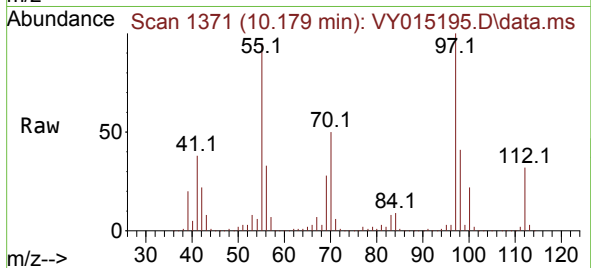




#50
Toluene-d8
Concen: 72.027 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015195.D
Acq: 18 Aug 2023 15:01

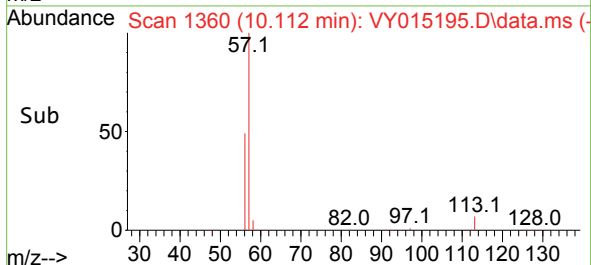
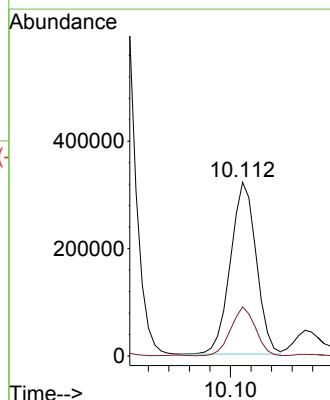
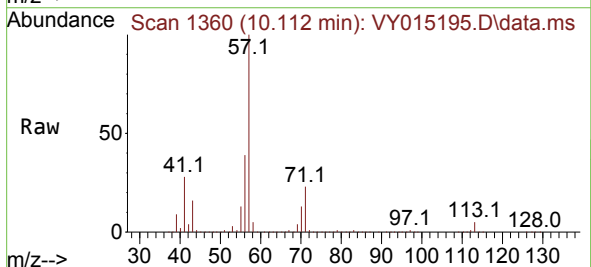
Instrument :
MSVOA_Y
ClientSampleId :

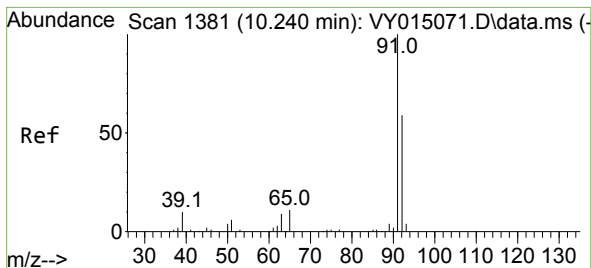
Tgt Ion: 98 Resp: 423463
Ion Ratio Lower Upper
98 100
100 48.8 50.1 75.1#



#51
4-Methyl-2-Pentanone
Concen: 325.068 ug/l
RT: 10.112 min Scan# 1360
Delta R.T. 0.043 min
Lab File: VY015195.D
Acq: 18 Aug 2023 15:01

Tgt Ion: 43 Resp: 558756
Ion Ratio Lower Upper
43 100
58 27.1 29.0 43.6#





#52

Toluene

Concen: 204.622 ug/l

RT: 10.240 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015195.D

Acq: 18 Aug 2023 15:01

Instrument :

MSVOA_Y

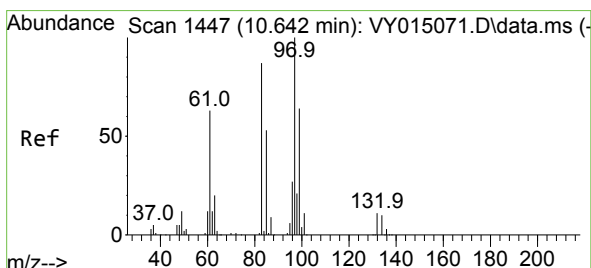
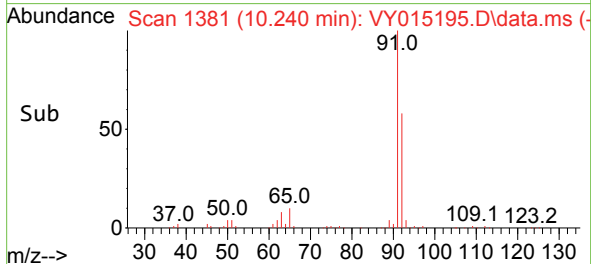
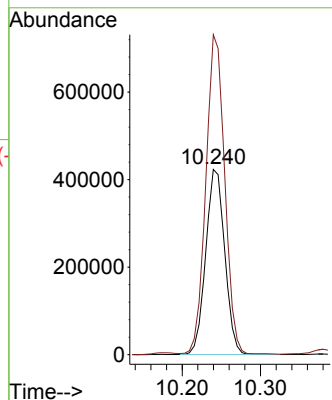
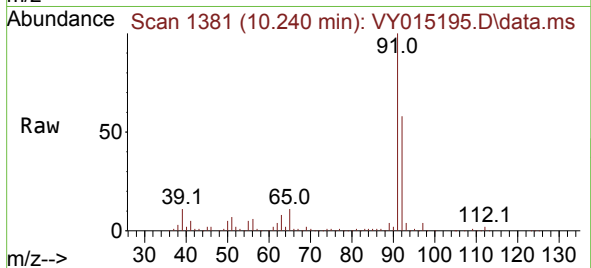
ClientSampleId :

Tgt Ion: 92 Resp: 712454

Ion Ratio Lower Upper

92 100

91 171.0 143.8 215.6



#55

1,1,2-Trichloroethane

Concen: 490.562 ug/l

RT: 10.618 min Scan# 1443

Delta R.T. -0.024 min

Lab File: VY015195.D

Acq: 18 Aug 2023 15:01

Tgt Ion: 97 Resp: 700778

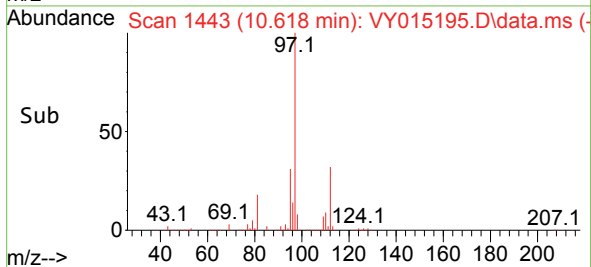
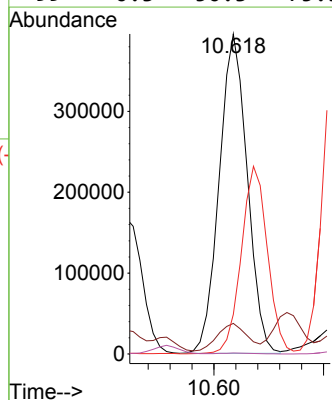
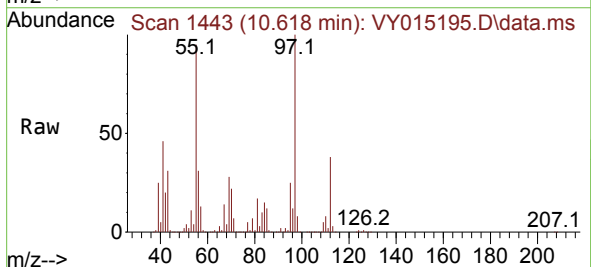
Ion Ratio Lower Upper

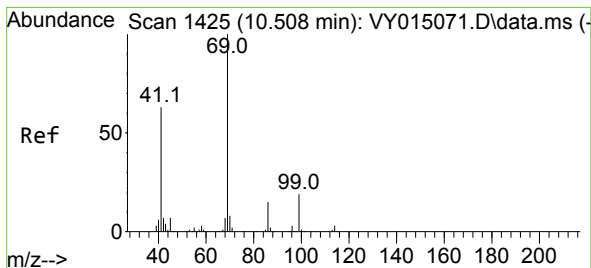
97 100

83 7.2 72.0 108.0#

85 12.3 45.4 68.0#

99 0.3 50.3 75.5#





#56

Ethyl methacrylate

Concen: 18.529 ug/l

RT: 10.520 min Scan# 1425

Delta R.T. 0.012 min

Lab File: VY015195.D

Acq: 18 Aug 2023 15:01

Instrument :

MSVOA_Y

ClientSampleId :

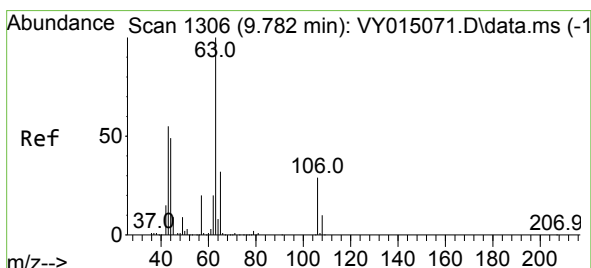
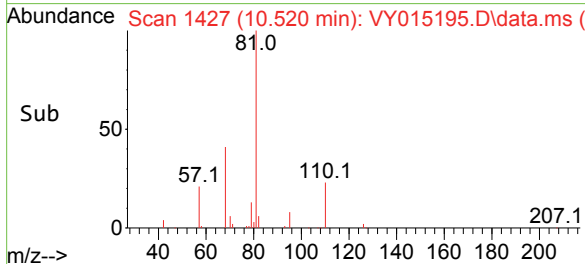
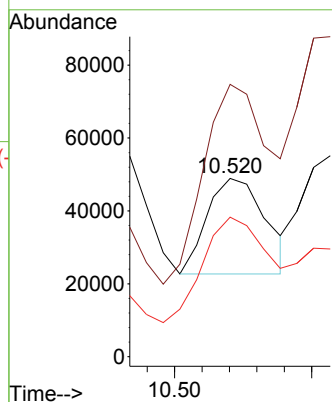
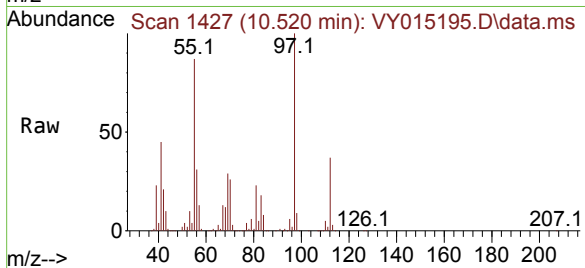
Tgt Ion: 69 Resp: 38737

Ion Ratio Lower Upper

69 100

41 245.6 57.6 86.4#

39 122.8 34.1 51.1#



#58

2-Chloroethyl Vinyl ether

Concen: 24.244 ug/l

RT: 9.758 min Scan# 1302

Delta R.T. -0.018 min

Lab File: VY015195.D

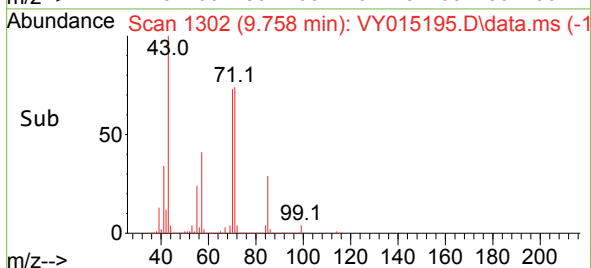
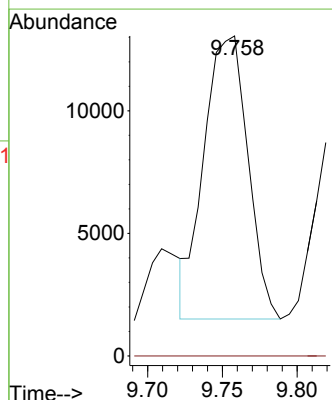
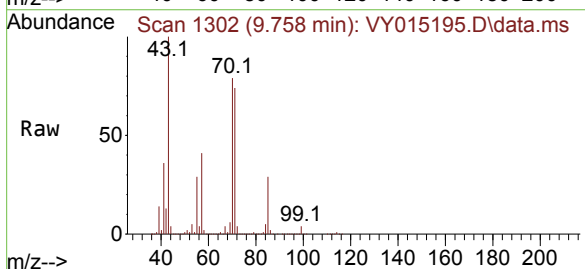
Acq: 18 Aug 2023 15:01

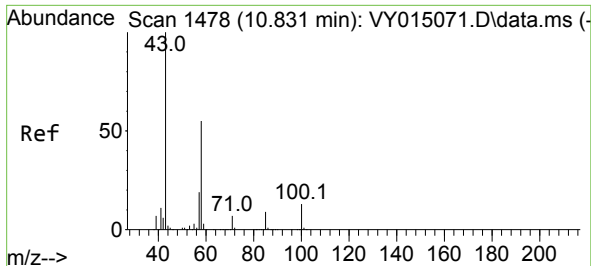
Tgt Ion: 63 Resp: 23588

Ion Ratio Lower Upper

63 100

106 0.0 21.2 31.8#

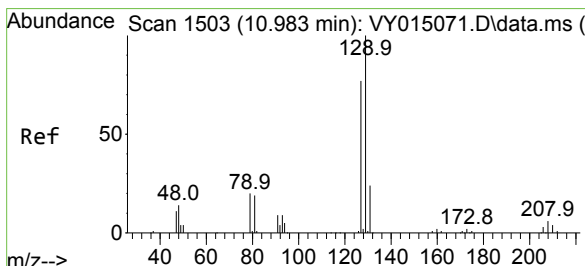
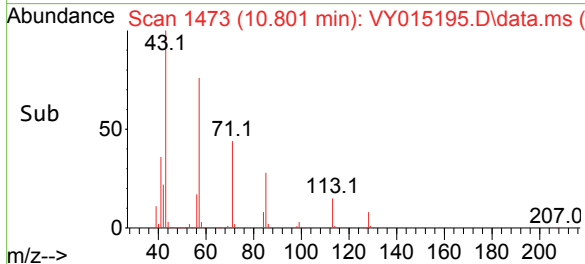
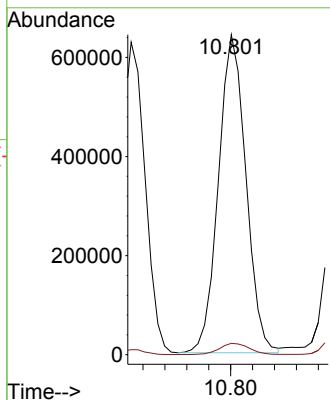
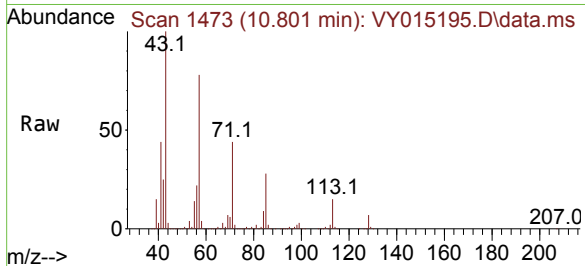




#59
2-Hexanone
Concen: 880.232 ug/l
RT: 10.801 min Scan# 1478
Delta R.T. -0.030 min
Lab File: VY015195.D
Acq: 18 Aug 2023 15:01

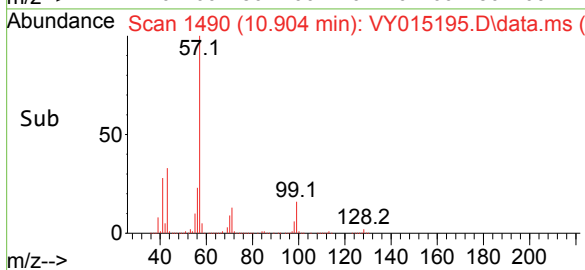
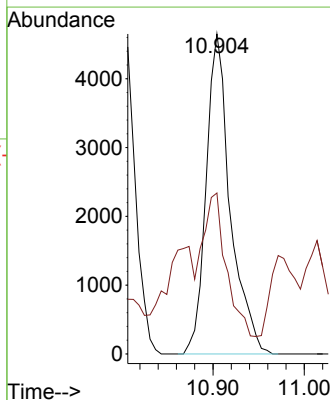
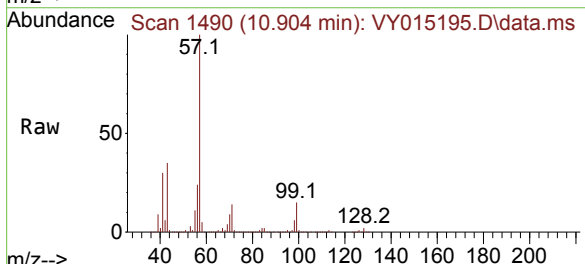
Instrument :
MSVOA_Y
ClientSampleId :

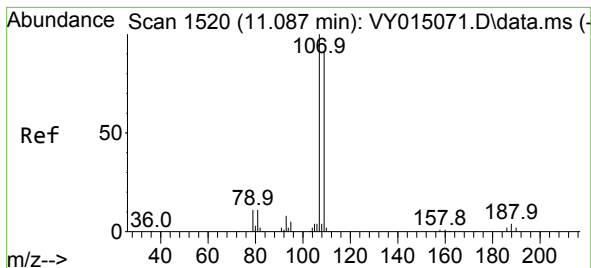
Tgt Ion: 43 Resp: 1119798
Ion Ratio Lower Upper
43 100
58 3.9 25.1 75.3#



#60
Dibromochloromethane
Concen: 4.996 ug/l
RT: 10.904 min Scan# 1490
Delta R.T. -0.079 min
Lab File: VY015195.D
Acq: 18 Aug 2023 15:01

Tgt Ion:129 Resp: 8514
Ion Ratio Lower Upper
129 100
127 43.5 38.5 115.5

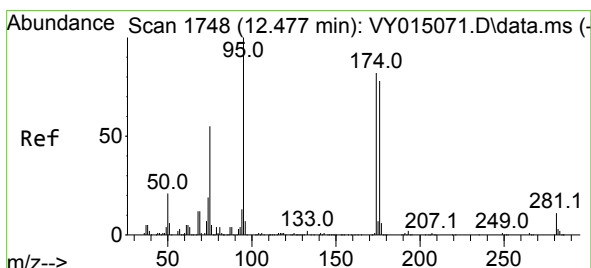
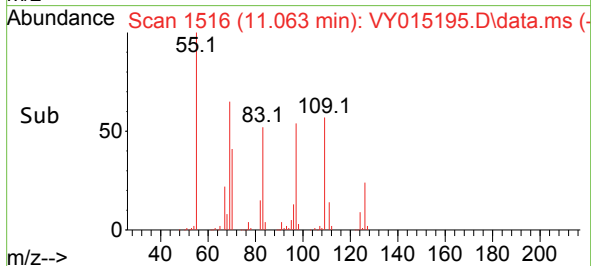
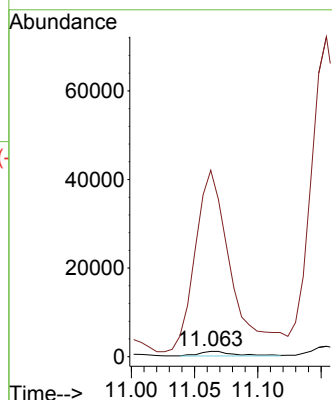
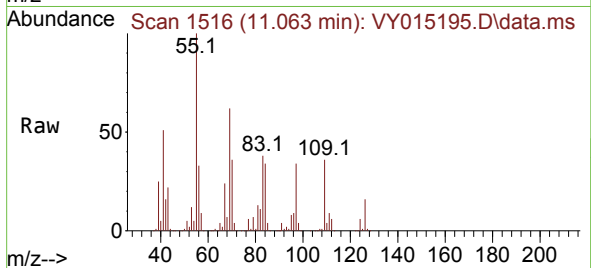




#61
1,2-Dibromoethane
Concen: 1.486 ug/l
RT: 11.063 min Scan# 11
Delta R.T. -0.024 min
Lab File: VY015195.D
Acq: 18 Aug 2023 15:01

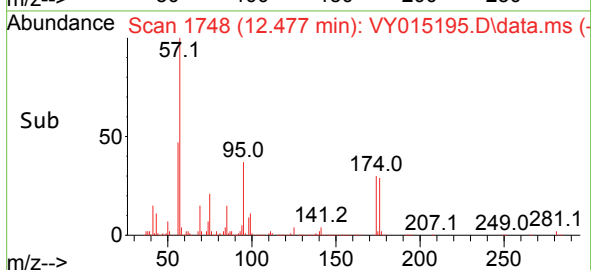
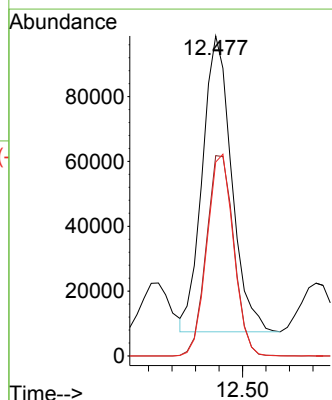
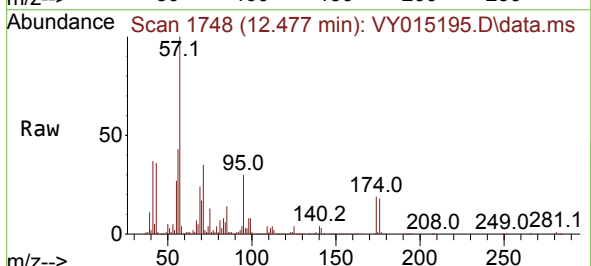
Instrument :
MSVOA_Y
ClientSampleId :

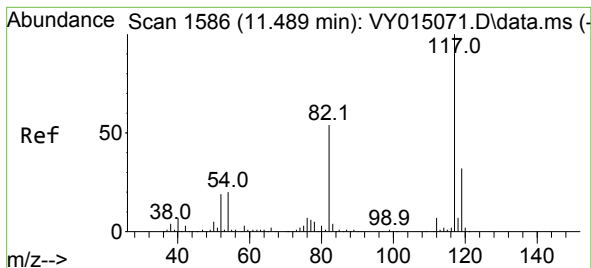
Tgt Ion:107 Resp: 2016
Ion Ratio Lower Upper
107 100
109 3936.2 75.6 113.4#



#62
4-Bromofluorobenzene
Concen: 73.360 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015195.D
Acq: 18 Aug 2023 15:01

Tgt Ion: 95 Resp: 157530
Ion Ratio Lower Upper
95 100
174 64.0 0.0 178.2
176 62.1 0.0 173.8

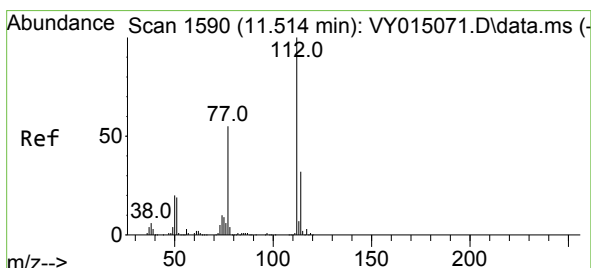
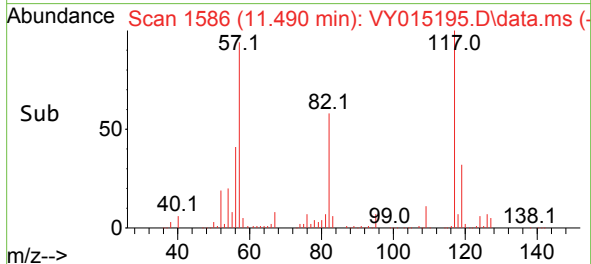
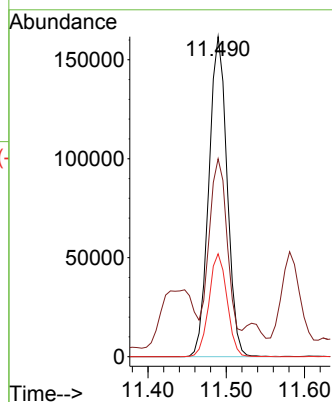
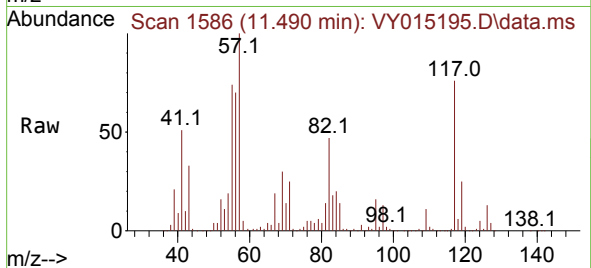




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VY015195.D
Acq: 18 Aug 2023 15:01

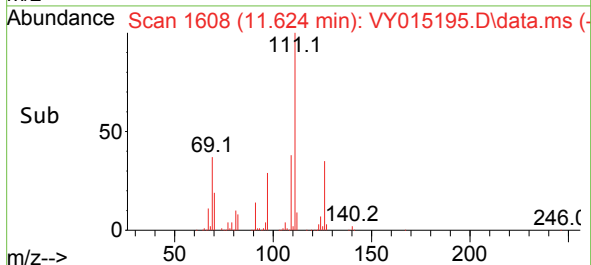
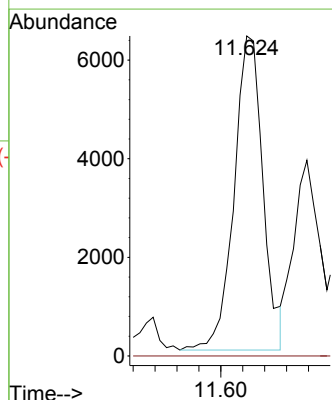
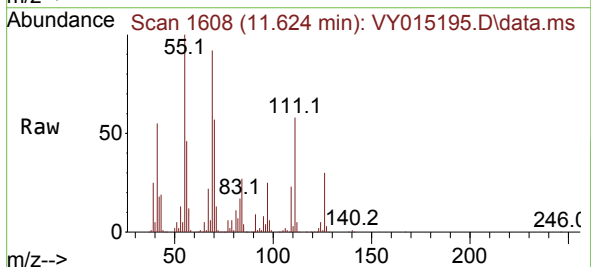
Instrument :
MSVOA_Y
ClientSampleId :

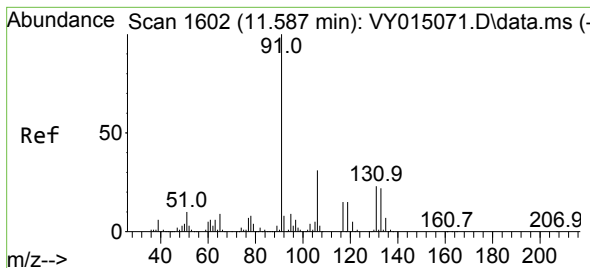
Tgt Ion:117 Resp: 260995
Ion Ratio Lower Upper
117 100
82 44.3 43.4 65.0
119 32.2 26.3 39.5



#65
Chlorobenzene
Concen: 2.454 ug/l
RT: 11.624 min Scan# 1608
Delta R.T. 0.110 min
Lab File: VY015195.D
Acq: 18 Aug 2023 15:01

Tgt Ion:112 Resp: 11669
Ion Ratio Lower Upper
112 100
114 0.0 25.5 38.3#

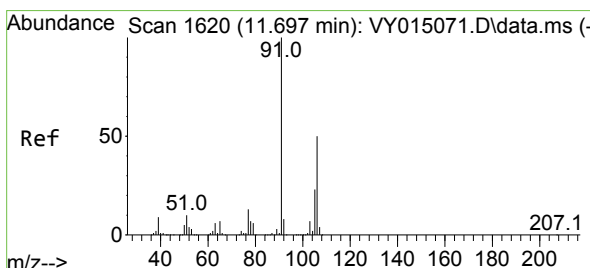
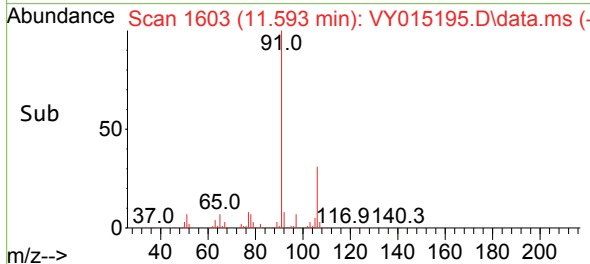
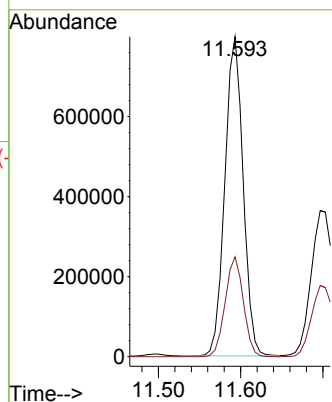
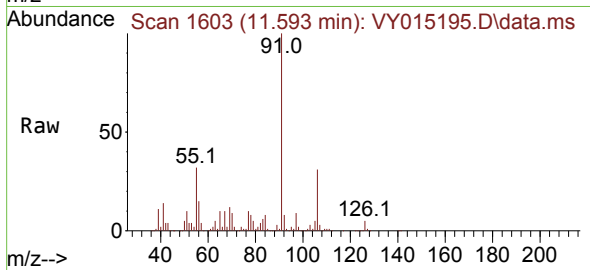




#67
Ethyl Benzene
Concen: 148.126 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015195.D
Acq: 18 Aug 2023 15:01

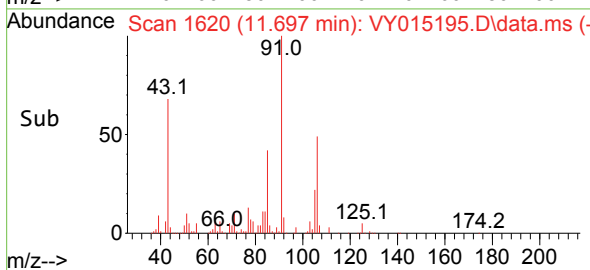
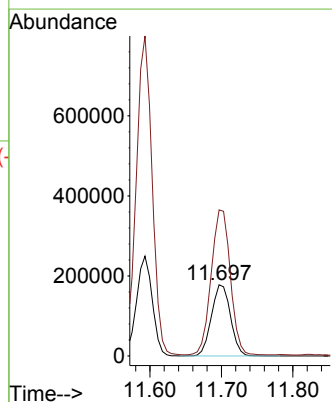
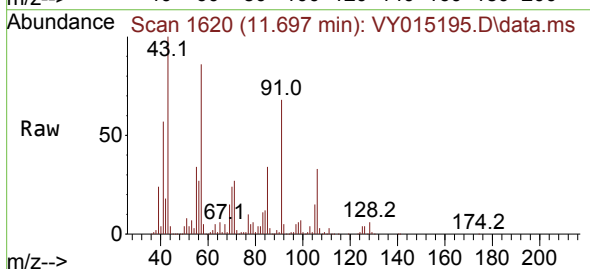
Instrument :
MSVOA_Y
ClientSampleId :

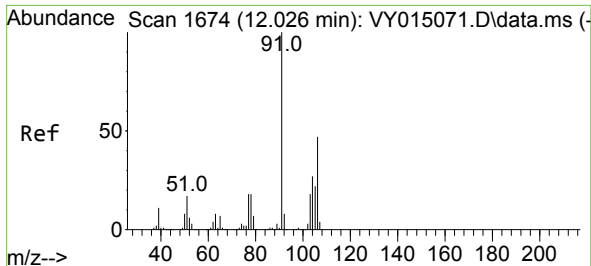
Tgt Ion: 91 Resp: 1234164
Ion Ratio Lower Upper
91 100
106 31.3 24.6 36.8



#68
m/p-Xylenes
Concen: 103.503 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY015195.D
Acq: 18 Aug 2023 15:01

Tgt Ion:106 Resp: 327532
Ion Ratio Lower Upper
106 100
91 205.8 166.1 249.1

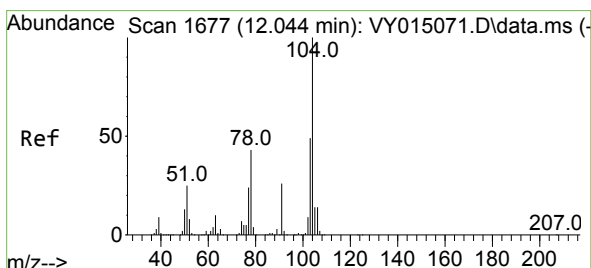
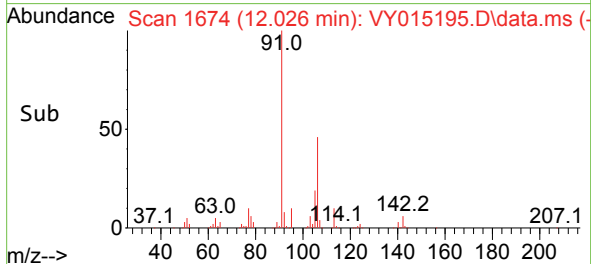
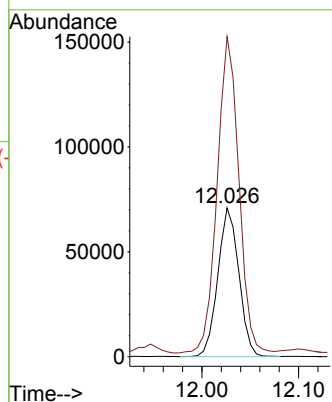
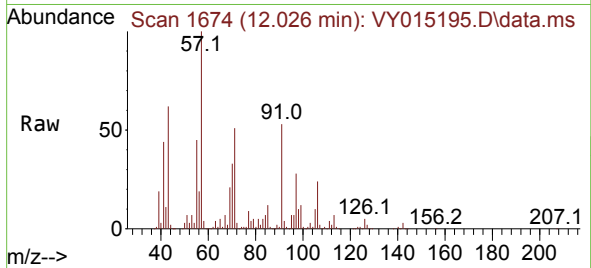




#69
o-Xylene
Concen: 33.978 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY015195.D
Acq: 18 Aug 2023 15:01

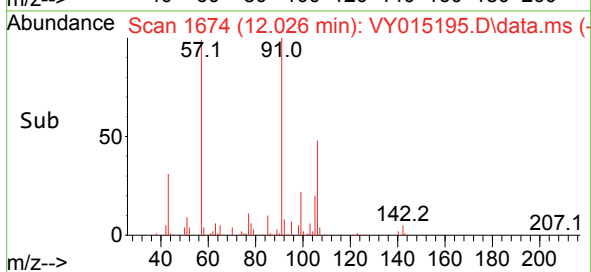
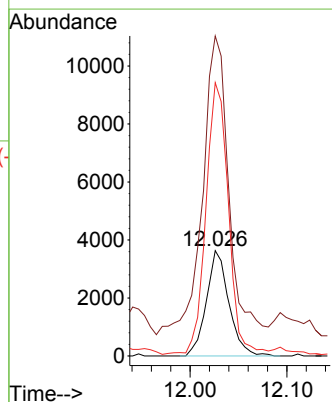
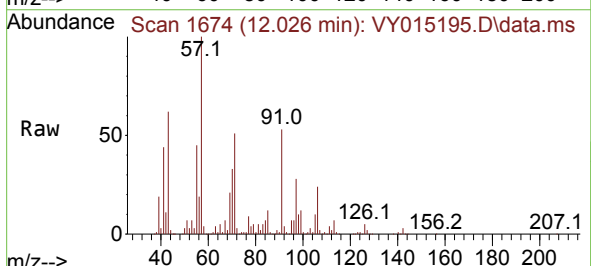
Instrument :
MSVOA_Y
ClientSampleId :

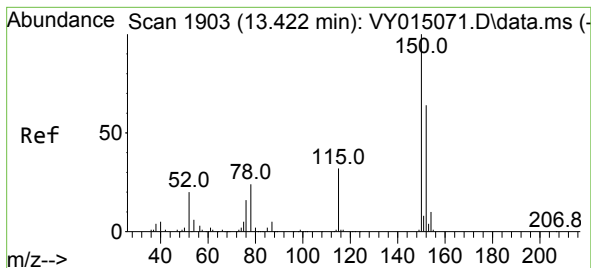
Tgt Ion:106 Resp: 107110
Ion Ratio Lower Upper
106 100
91 218.8 108.1 324.3



#70
Styrene
Concen: 1.082 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.018 min
Lab File: VY015195.D
Acq: 18 Aug 2023 15:01

Tgt Ion:104 Resp: 5901
Ion Ratio Lower Upper
104 100
78 327.0 41.5 62.3#
103 256.1 44.6 67.0#

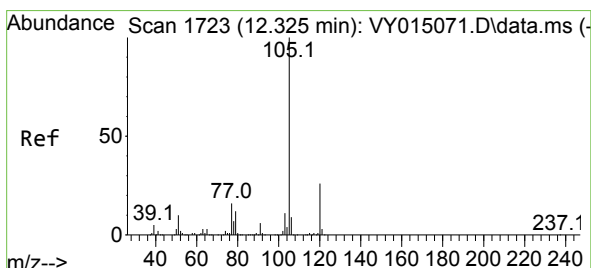
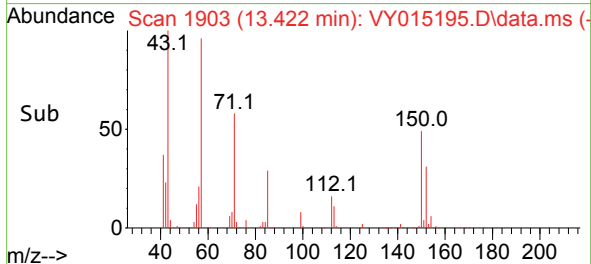
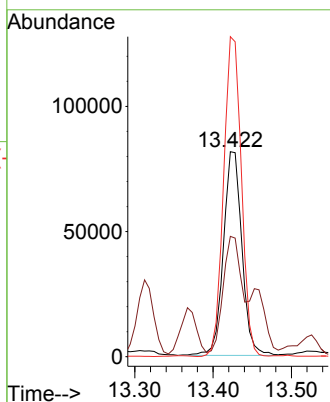
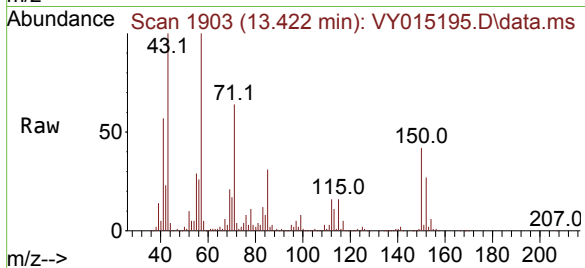




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015195.D
Acq: 18 Aug 2023 15:01

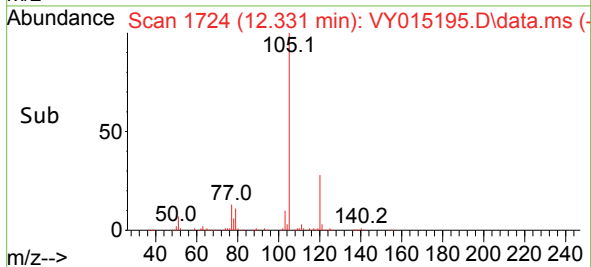
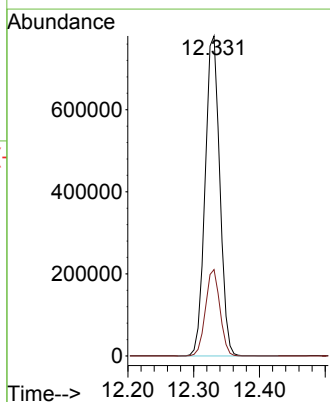
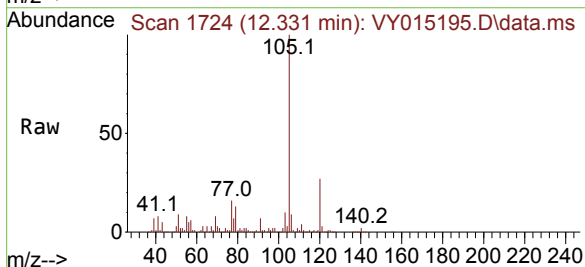
Instrument :
MSVOA_Y
ClientSampleId :

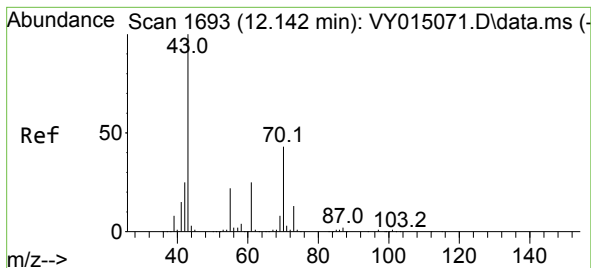
Tgt Ion:152 Resp: 133970
Ion Ratio Lower Upper
152 100
115 61.3 28.8 86.5
150 151.0 0.0 348.8



#73
Isopropylbenzene
Concen: 140.024 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY015195.D
Acq: 18 Aug 2023 15:01

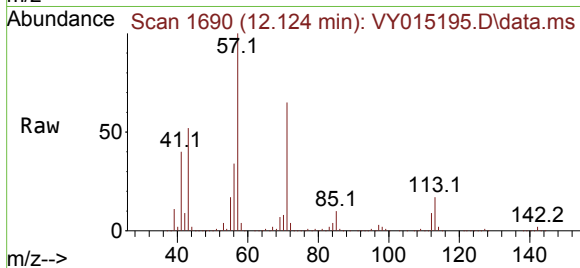
Tgt Ion:105 Resp: 1206268
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9



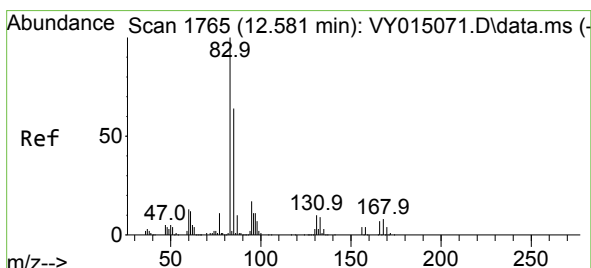
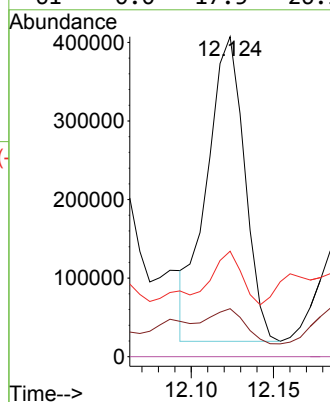
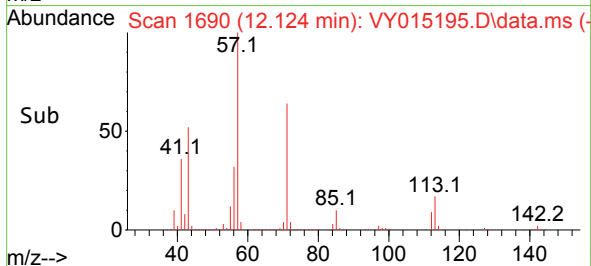


#74
N-amy1 acetate
Concen: 199.442 ug/l
RT: 12.124 min Scan# 1690
Delta R.T. -0.018 min
Lab File: VY015195.D
Acq: 18 Aug 2023 15:01

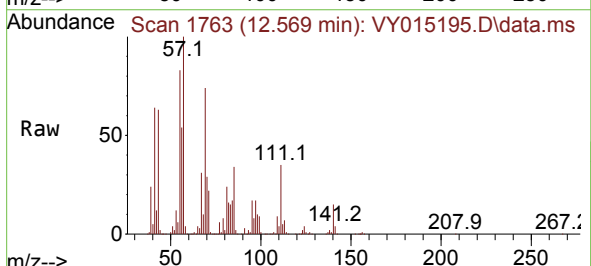
Instrument :
MSVOA_Y
ClientSampleId :



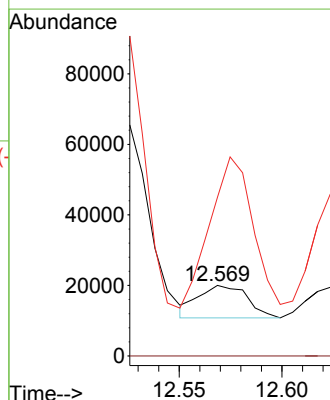
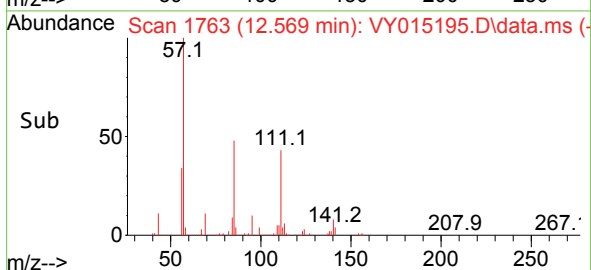
Tgt Ion: 43 Resp: 620332
Ion Ratio Lower Upper
43 100
70 12.0 29.7 44.5#
55 16.2 18.3 27.5#
61 0.0 17.5 26.3#

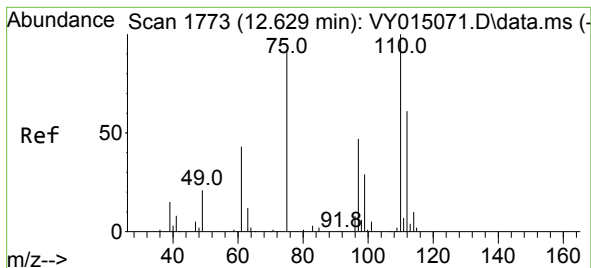


#75
1,1,2,2-Tetrachloroethane
Concen: 6.763 ug/l
RT: 12.569 min Scan# 1763
Delta R.T. -0.012 min
Lab File: VY015195.D
Acq: 18 Aug 2023 15:01



Tgt Ion: 83 Resp: 15175
Ion Ratio Lower Upper
83 100
131 0.0 5.4 16.2#
85 408.9 31.8 95.4#





#76

1,2,3-Trichloropropane

Concen: 27.412 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.043 min

Lab File: VY015195.D

Acq: 18 Aug 2023 15:01

Instrument :

MSVOA_Y

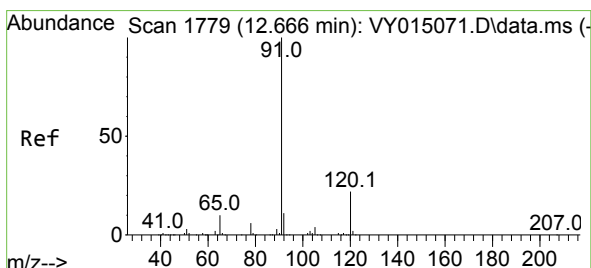
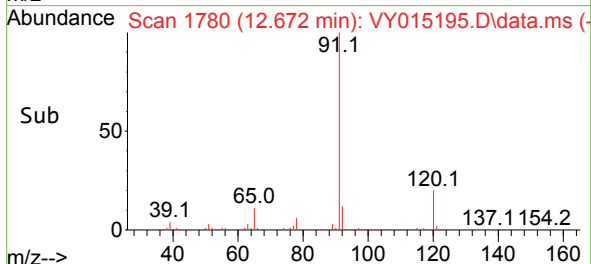
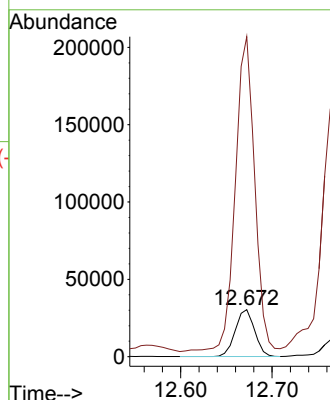
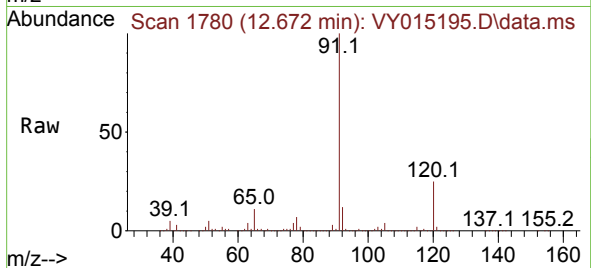
ClientSampleId :

Tgt Ion: 75 Resp: 44616

Ion Ratio Lower Upper

75 100

77 671.8 0.0 0.0#



#78

n-propylbenzene

Concen: 677.932 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015195.D

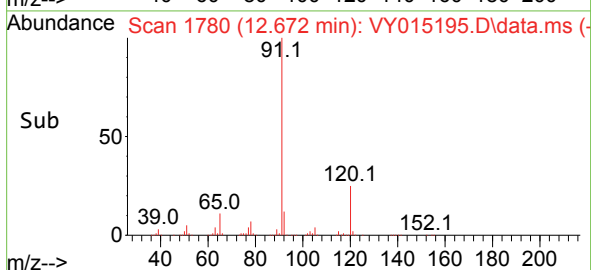
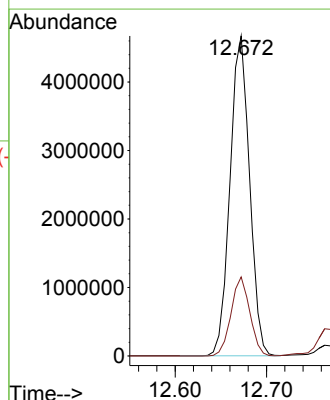
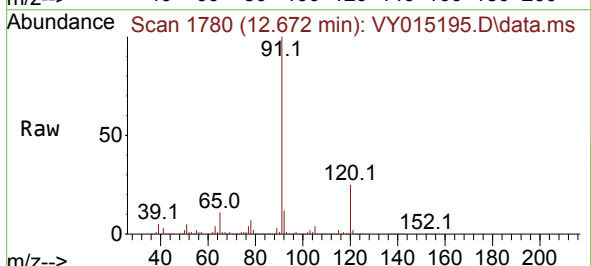
Acq: 18 Aug 2023 15:01

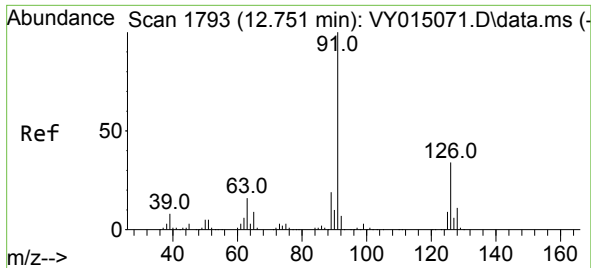
Tgt Ion: 91 Resp: 6935166

Ion Ratio Lower Upper

91 100

120 23.7 11.5 34.4

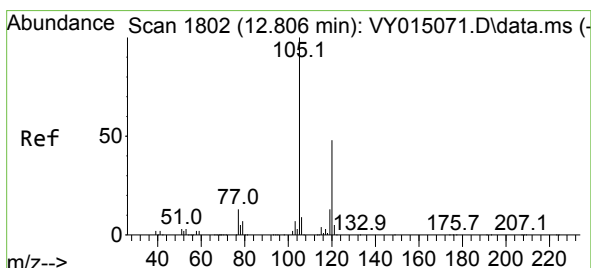
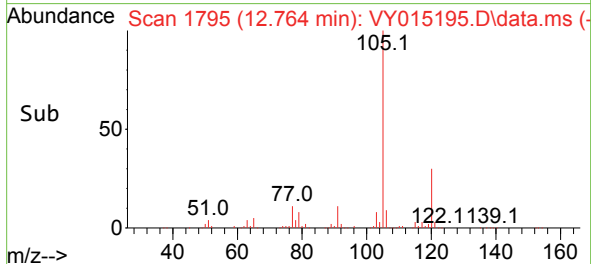
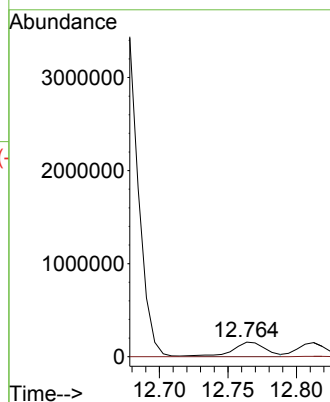
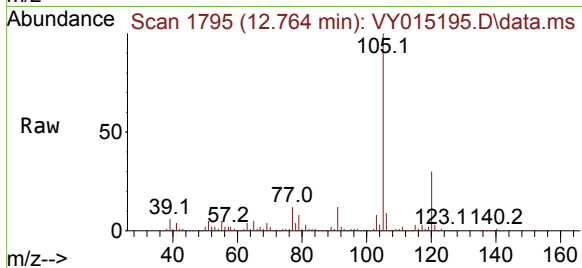




#79
2-Chlorotoluene
Concen: 42.901 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.012 min
Lab File: VY015195.D
Acq: 18 Aug 2023 15:01

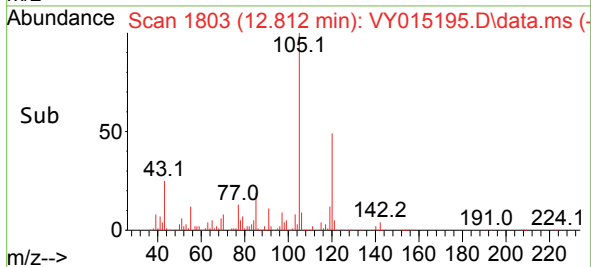
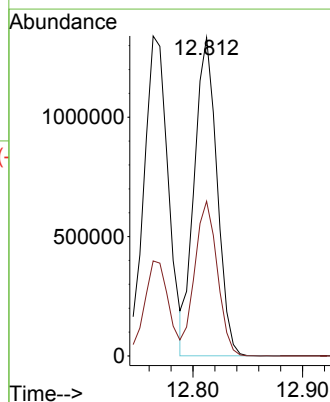
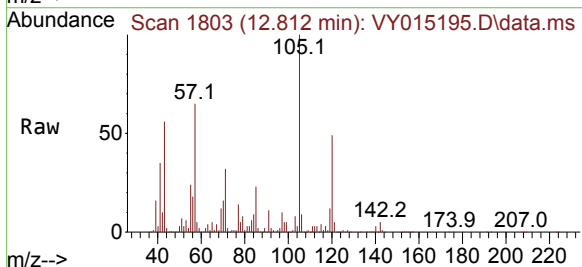
Instrument :
MSVOA_Y
ClientSampleId :

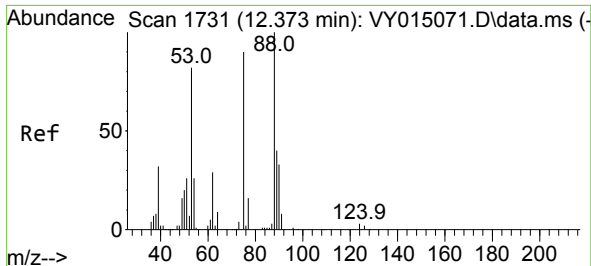
Tgt Ion: 91 Resp: 253174
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.7#



#80
1,3,5-Trimethylbenzene
Concen: 266.075 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015195.D
Acq: 18 Aug 2023 15:01

Tgt Ion:105 Resp: 1910680
Ion Ratio Lower Upper
105 100
120 48.7 23.9 71.7

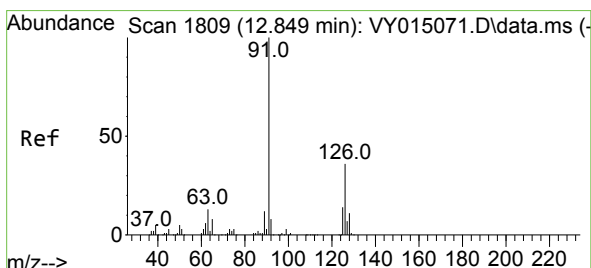
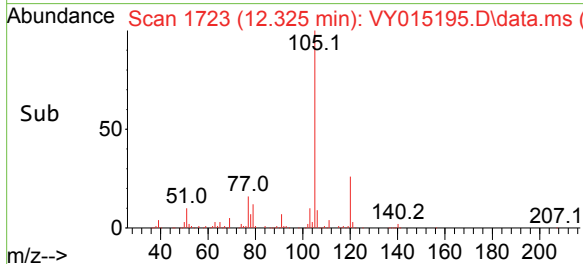
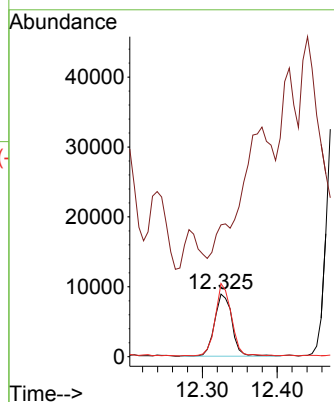
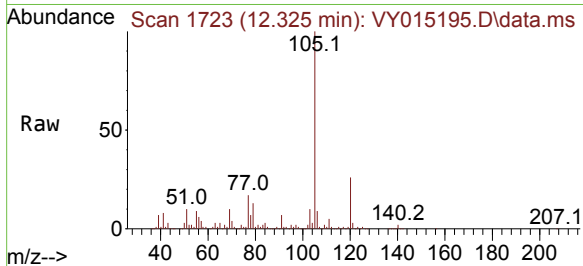




#81
trans-1,4-Dichloro-2-butene
Concen: 19.481 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.049 min
Lab File: VY015195.D
Acq: 18 Aug 2023 15:01

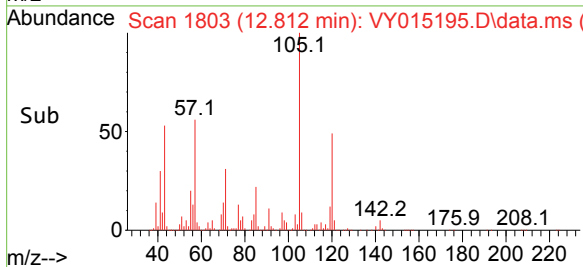
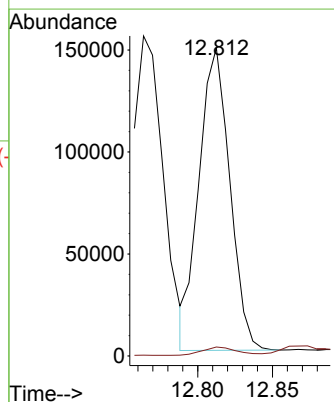
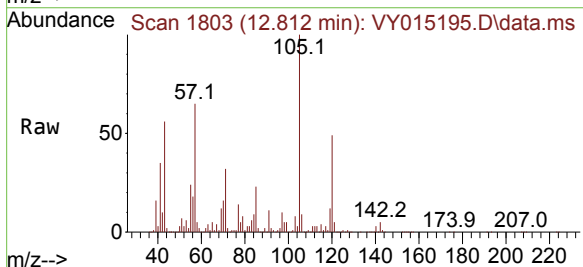
Instrument :
MSVOA_Y
ClientSampleId :

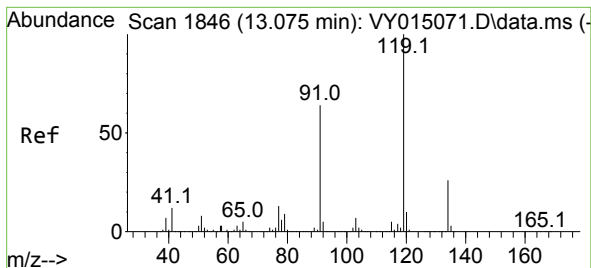
Tgt Ion: 75 Resp: 14436
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 105.7 37.4 56.0#



#82
4-Chlorotoluene
Concen: 34.831 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.043 min
Lab File: VY015195.D
Acq: 18 Aug 2023 15:01

Tgt Ion: 91 Resp: 212357
Ion Ratio Lower Upper
91 100
126 3.2 17.2 51.6#





#83

tert-Butylbenzene

Concen: 44.480 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.043 min

Lab File: VY015195.D

Acq: 18 Aug 2023 15:01

Instrument :

MSVOA_Y

ClientSampleId :

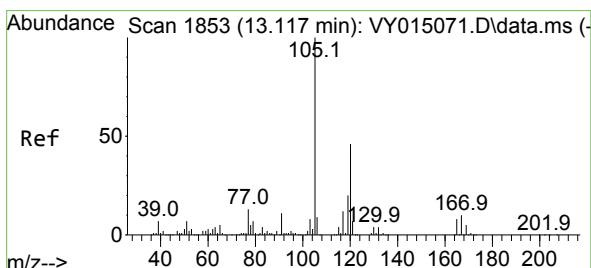
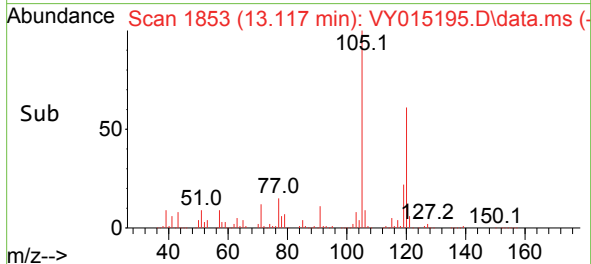
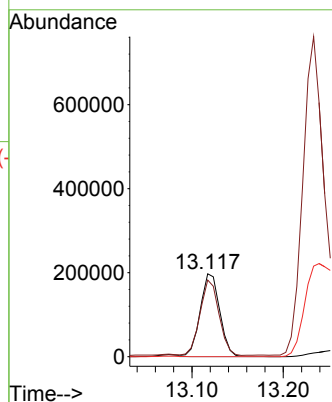
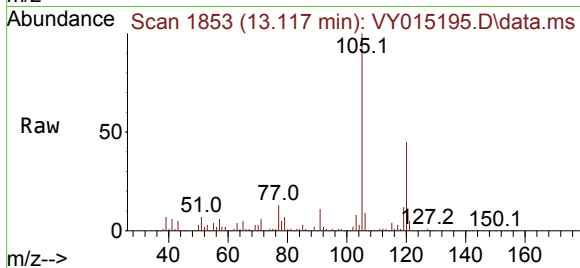
Tgt Ion:119 Resp: 292154

Ion Ratio Lower Upper

119 100

91 88.0 32.9 98.6

134 0.0 13.0 38.9#



#84

1,2,4-Trimethylbenzene

Concen: 335.970 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015195.D

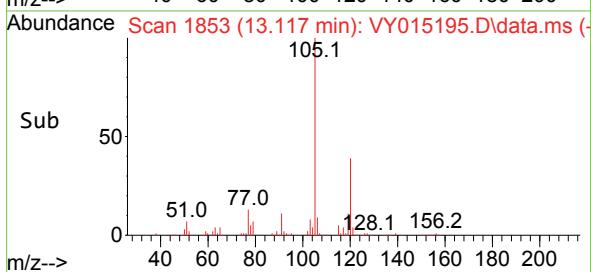
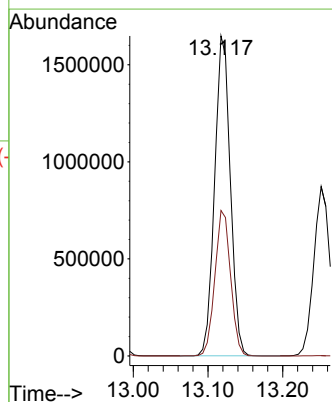
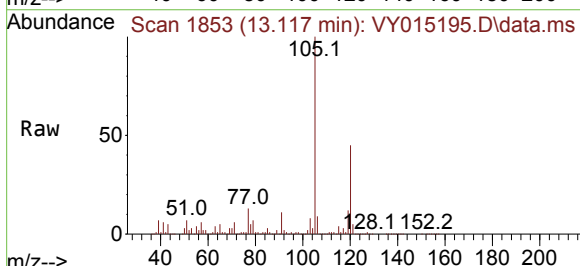
Acq: 18 Aug 2023 15:01

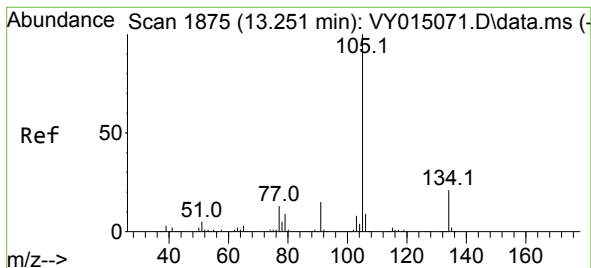
Tgt Ion:105 Resp: 2410795

Ion Ratio Lower Upper

105 100

120 45.5 22.2 66.6





#85

sec-Butylbenzene

Concen: 136.162 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015195.D

Acq: 18 Aug 2023 15:01

Instrument :

MSVOA_Y

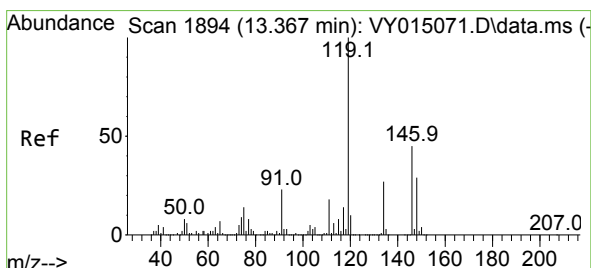
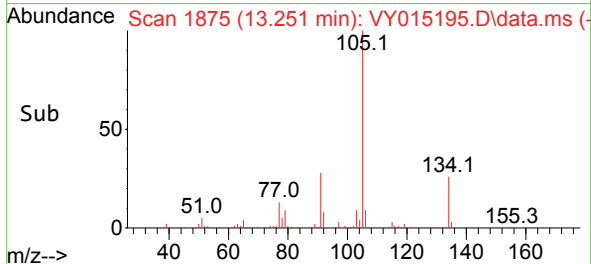
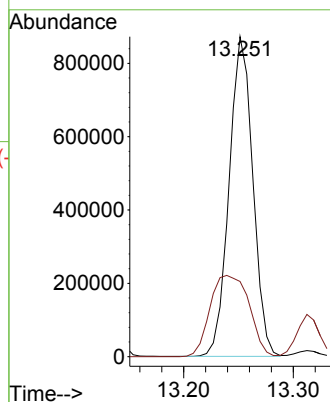
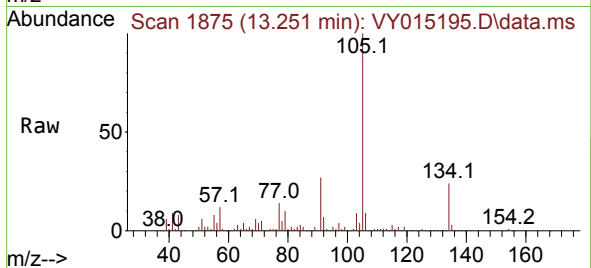
ClientSampleId :

Tgt Ion:105 Resp: 1310398

Ion Ratio Lower Upper

105 100

134 41.9 10.2 30.6#



#86

p-Isopropyltoluene

Concen: 45.156 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015195.D

Acq: 18 Aug 2023 15:01

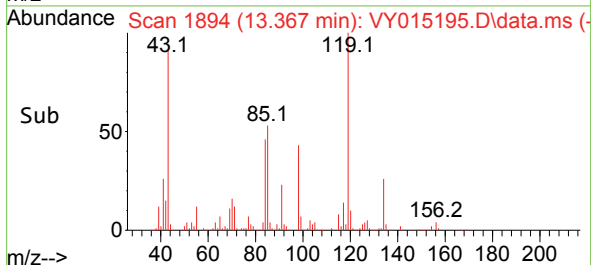
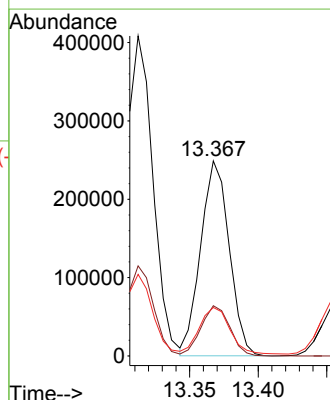
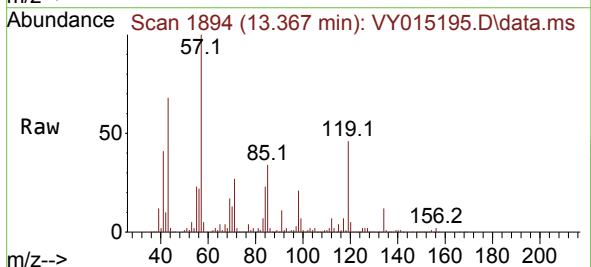
Tgt Ion:119 Resp: 360298

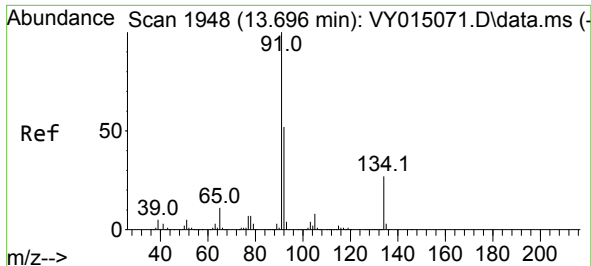
Ion Ratio Lower Upper

119 100

134 25.9 13.3 39.8

91 25.2 12.4 37.4

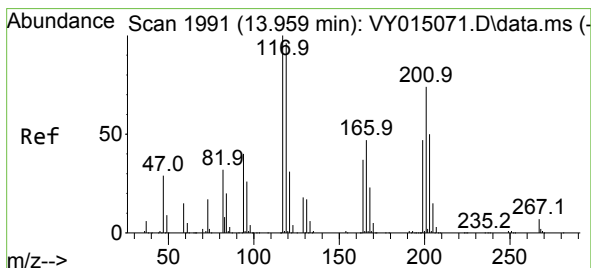
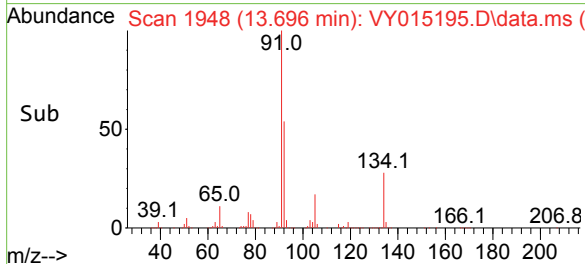
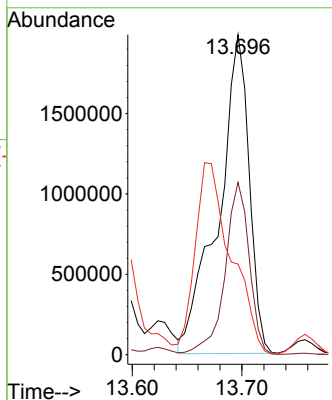
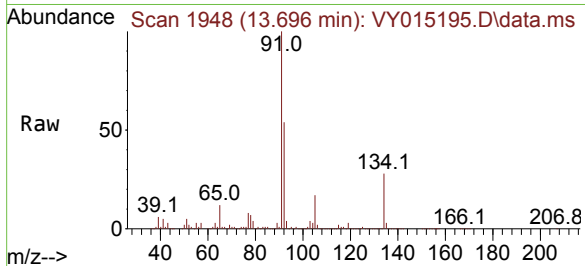




#89
n-Butylbenzene
Concen: 513.685 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY015195.D
Acq: 18 Aug 2023 15:01

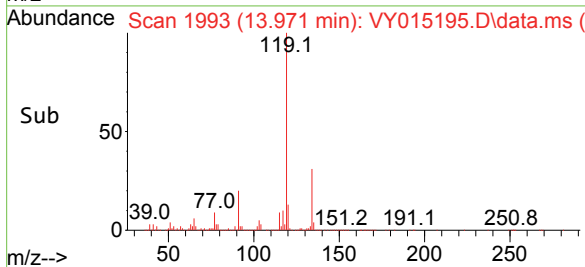
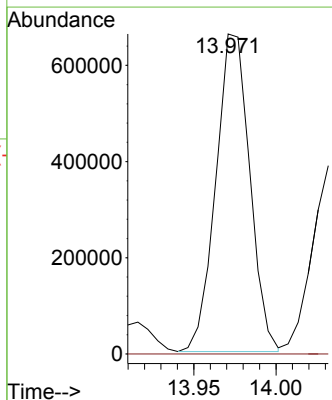
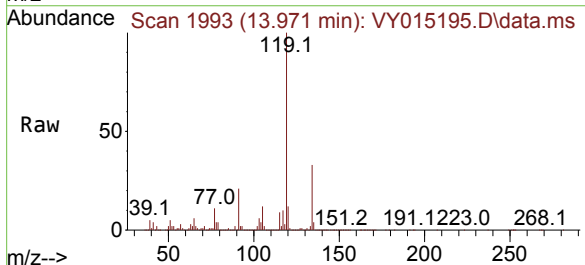
Instrument :
MSVOA_Y
ClientSampleId :

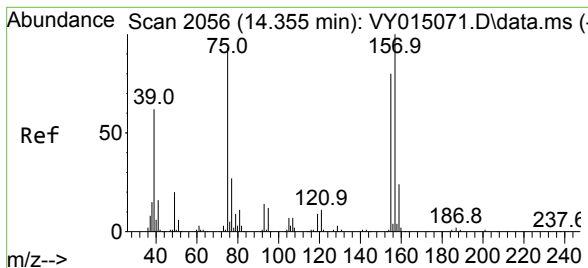
Tgt Ion: 91 Resp: 3864528
Ion Ratio Lower Upper
91 100
92 42.5 25.4 76.0
134 0.0 12.6 37.6#



#90
Hexachloroethane
Concen: 600.088 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.012 min
Lab File: VY015195.D
Acq: 18 Aug 2023 15:01

Tgt Ion: 117 Resp: 949884
Ion Ratio Lower Upper
117 100
201 0.0 41.6 124.8#

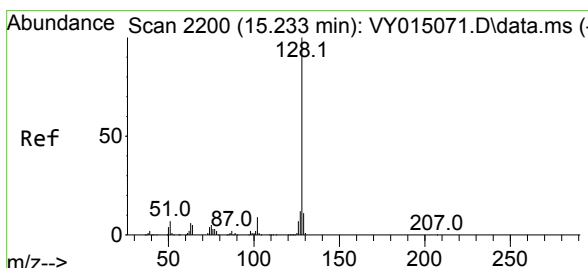
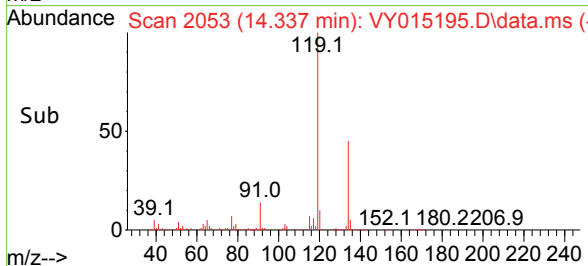
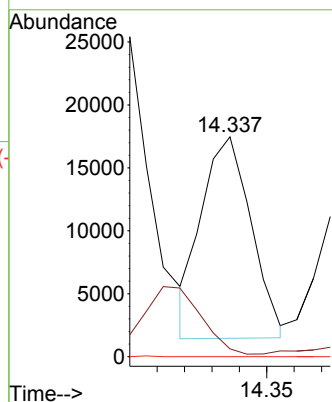
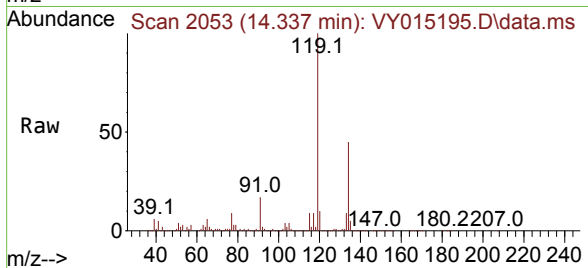




#92
1,2-Dibromo-3-Chloropropane
Concen: 46.375 ug/l
RT: 14.337 min Scan# 2053
Delta R.T. -0.018 min
Lab File: VY015195.D
Acq: 18 Aug 2023 15:01

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 20156
Ion Ratio Lower Upper
75 100
155 0.0 41.5 124.6#
157 0.0 51.8 155.5#



#95
Naphthalene
Concen: 687.916 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY015195.D
Acq: 18 Aug 2023 15:01

Tgt Ion:128 Resp: 4280524
Ion Ratio Lower Upper
128 100
127 13.3 10.8 16.2
129 11.4 8.6 13.0

