

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020724\
 Data File : VY017295.D
 Acq On : 07 Feb 2024 17:36
 Operator : SY/MD
 Sample : P1365-01
 Misc : 5.13g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-5(10-12)

Quant Time: Feb 08 01:45:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	51132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	95681	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	86758	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	30018	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	24348	53.303	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.600%	
35) Dibromofluoromethane	7.716	113	23602	45.686	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 91.380%	
50) Toluene-d8	10.185	98	85205	45.299	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 90.600%	
62) 4-Bromofluorobenzene	12.483	95	25525	41.425	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 82.860%	

Target Compounds						Qvalue
4) Vinyl Chloride	2.247	62	1730	2.039	ug/l #	88
11) Tert butyl alcohol	4.966	59	1399	21.301	ug/l #	75
16) Acetone	3.948	43	8972	66.828	ug/l	96
17) Carbon Disulfide	4.198	76	1625	1.027	ug/l #	94
18) Methyl Acetate	4.473	43	363	1.212	ug/l #	51
20) Methylene Chloride	4.710	84	3422	2.925	ug/l	95
25) 2-Butanone	6.990	43	1935	10.842	ug/l	99
31) Cyclohexane	7.789	56	1882	2.044	ug/l #	44
36) 1,1-Dichloropropene	7.789	75	4790	5.375	ug/l #	49
37) Ethyl Acetate	6.990	43	1935	4.682	ug/l #	50
38) Carbon Tetrachloride	7.789	117	5529	6.480	ug/l #	17
39) Methylcyclohexane	9.185	83	3122	2.999	ug/l #	92
40) Benzene	8.161	78	40671	15.982	ug/l	99
44) Trichloroethene	8.935	130	757	1.172	ug/l	72
51) 4-Methyl-2-Pentanone	10.246	43	120437	307.080	ug/l #	35
52) Toluene	10.246	92	10935522	7119.190	ug/l	79
53) t-1,3-Dichloropropene	10.246	75	138105	173.995	ug/l #	1
55) 1,1,2-Trichloroethane	10.624	97	1800	3.918	ug/l #	22
56) Ethyl methacrylate	10.520	69	1269	4.934	ug/l #	27
59) 2-Hexanone	10.691	43	2339	8.247	ug/l	62
67) Ethyl Benzene	11.593	91	60719	20.074	ug/l	99
68) m/p-Xylenes	11.697	106	110629	96.377	ug/l	99
69) o-Xylene	12.032	106	74500	70.478	ug/l	97
70) Styrene	12.032	104	4476	2.570	ug/l #	1
73) Isopropylbenzene	12.331	105	5829	2.643	ug/l	96
76) 1,2,3-Trichloropropane	12.483	75	14292	51.584	ug/l #	100
78) n-propylbenzene	12.672	91	4236	1.564	ug/l	93
79) 2-Chlorotoluene	12.739	91	1893	1.271	ug/l #	45
80) 1,3,5-Trimethylbenzene	12.813	105	10673	6.085	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.483	75	14292	107.185	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.124	105	22427	12.955	ug/l	98
85) sec-Butylbenzene	13.258	105	2390	1.017	ug/l	88
86) p-Isopropyltoluene	13.367	119	2922	1.556	ug/l	91
95) Naphthalene	15.239	128	23166	29.904	ug/l	99

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

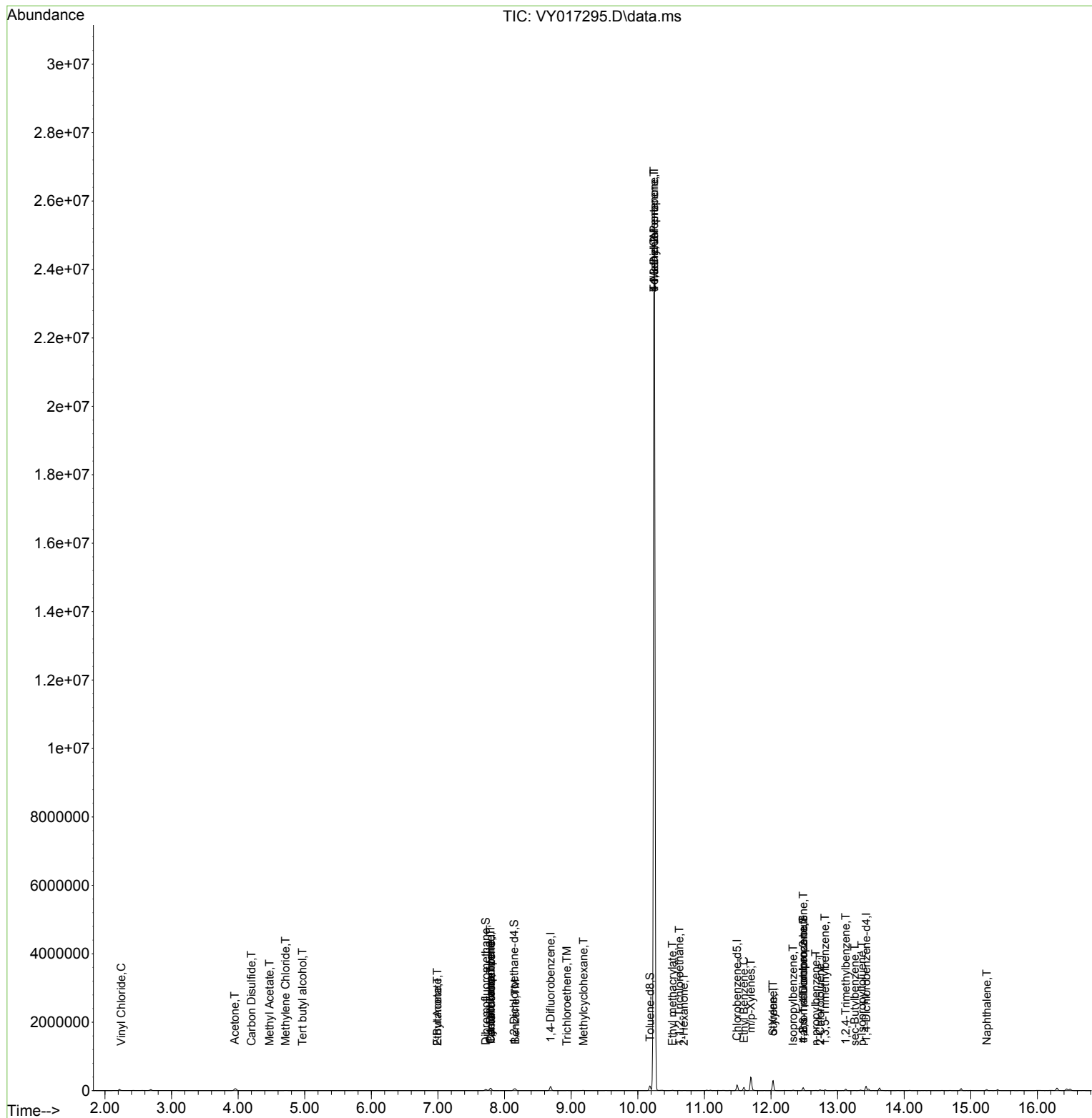
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

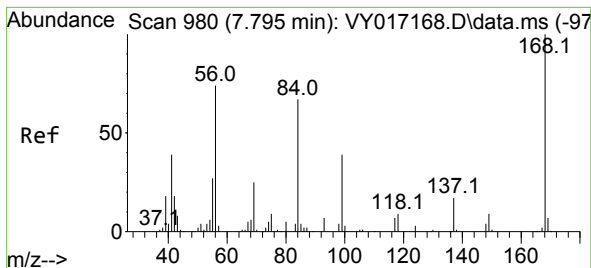
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY017295.D

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MSVOA_Y

ClientSampleId :

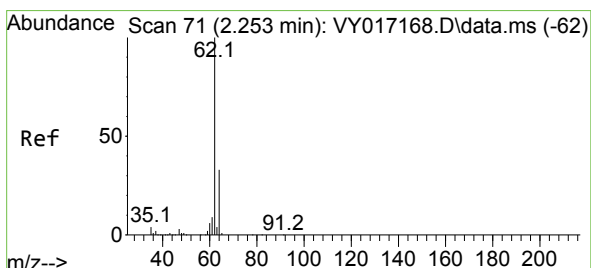
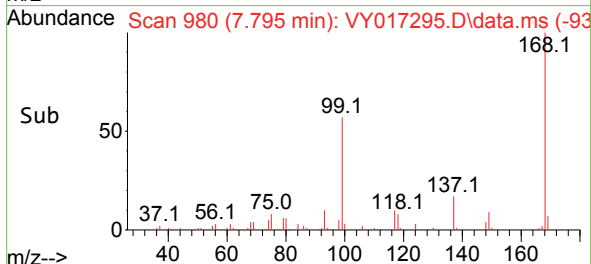
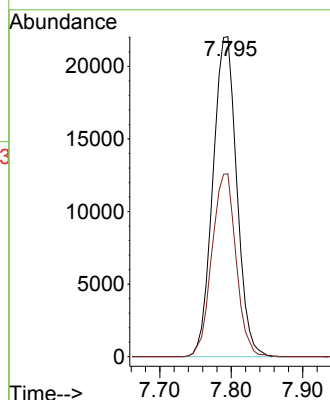
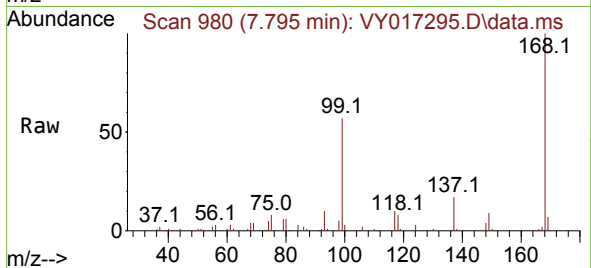
B-5(10-12)

Tgt Ion:168 Resp: 51132

Ion Ratio Lower Upper

168 100

99 57.1 44.2 66.4



#4

Vinyl Chloride

Concen: 2.039 ug/l

RT: 2.247 min Scan# 70

Delta R.T. -0.006 min

Lab File: VY017295.D

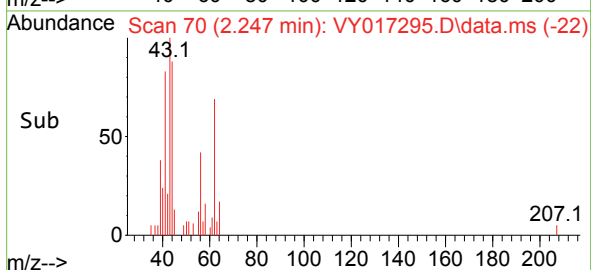
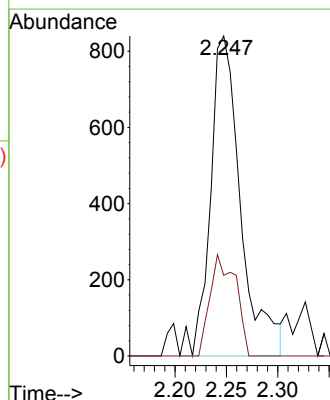
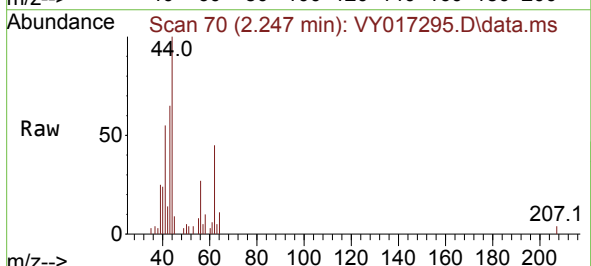
Acq: 07 Feb 2024 17:36

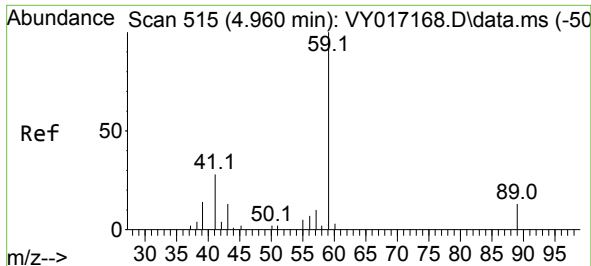
Tgt Ion: 62 Resp: 1730

Ion Ratio Lower Upper

62 100

64 25.2 25.7 38.5#





#11

Tert butyl alcohol

Concen: 21.301 ug/l

RT: 4.966 min Scan# 515

Delta R.T. 0.006 min

Lab File: VY017295.D

Acq: 07 Feb 2024 17:36

Instrument :

MSVOA_Y

ClientSampleId :

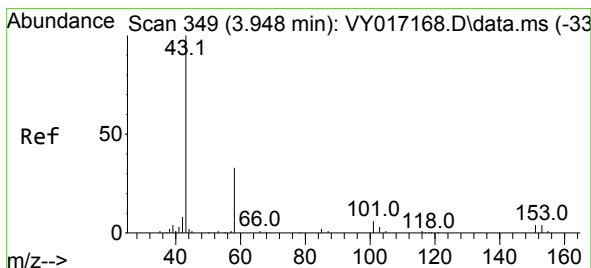
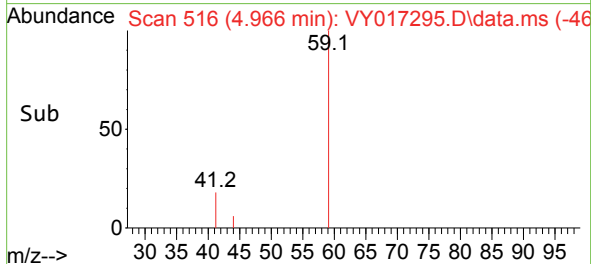
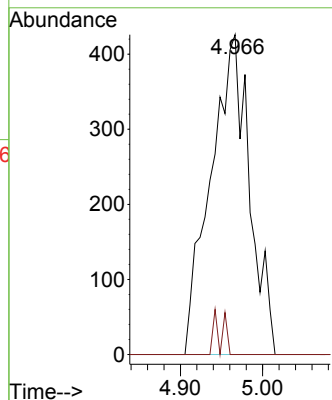
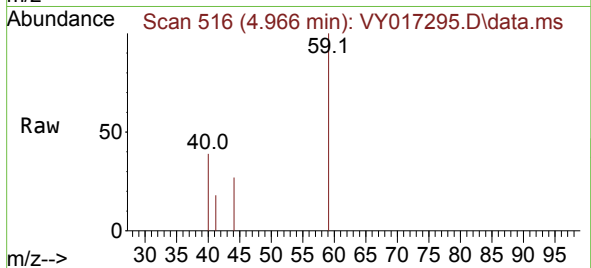
B-5(10-12)

Tgt Ion: 59 Resp: 1399

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.0#



#16

Acetone

Concen: 66.828 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.001 min

Lab File: VY017295.D

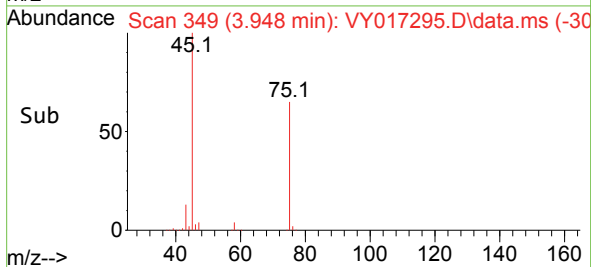
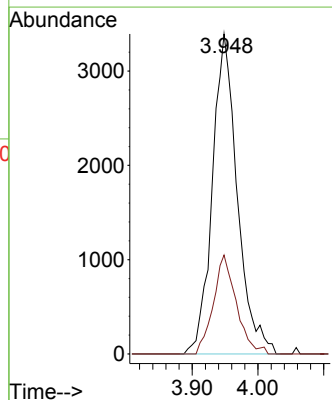
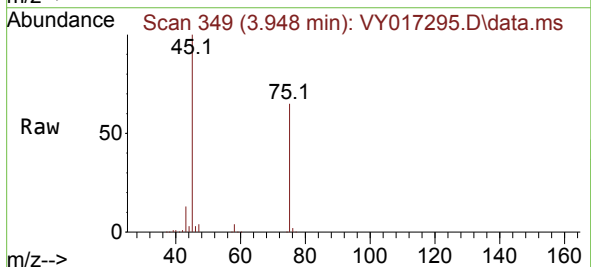
Acq: 07 Feb 2024 17:36

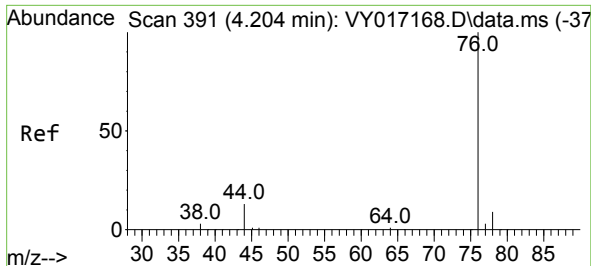
Tgt Ion: 43 Resp: 8972

Ion Ratio Lower Upper

43 100

58 30.9 26.6 39.8





#17

Carbon Disulfide

Concen: 1.027 ug/l

RT: 4.198 min Scan# 391

Delta R.T. -0.006 min

Lab File: VY017295.D

Acq: 07 Feb 2024 17:36

Instrument :

MSVOA_Y

ClientSampleId :

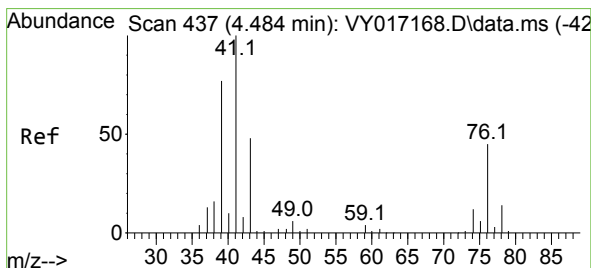
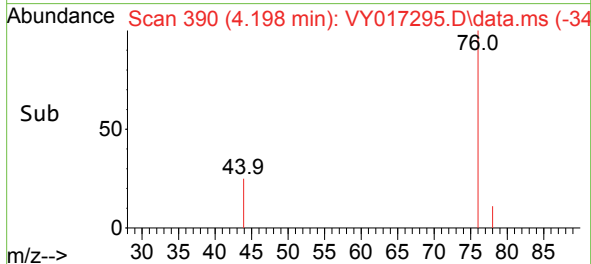
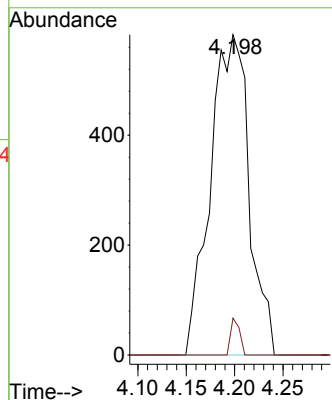
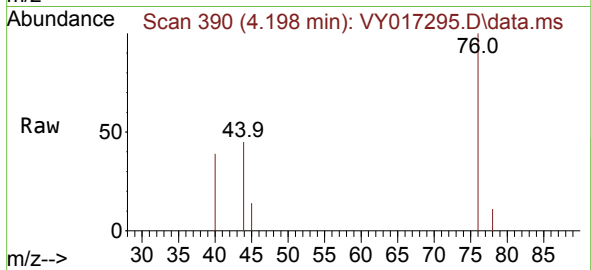
B-5(10-12)

Tgt Ion: 76 Resp: 1625

Ion Ratio Lower Upper

76 100

78 11.5 7.4 11.0#



#18

Methyl Acetate

Concen: 1.212 ug/l

RT: 4.473 min Scan# 435

Delta R.T. -0.012 min

Lab File: VY017295.D

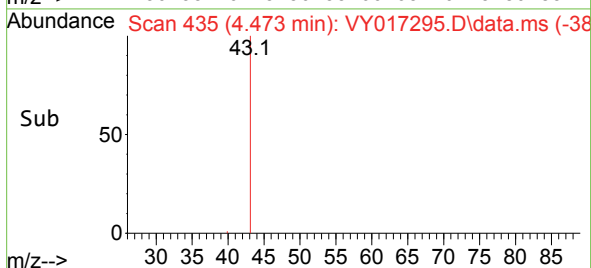
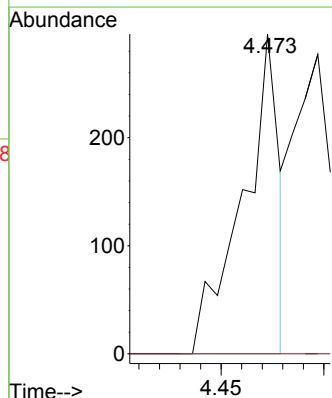
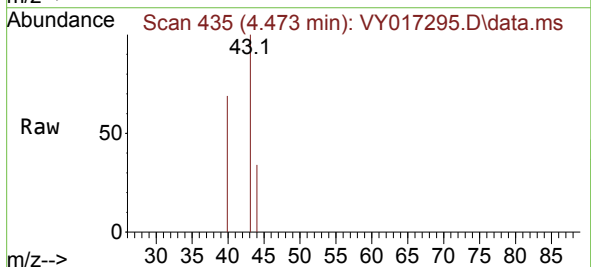
Acq: 07 Feb 2024 17:36

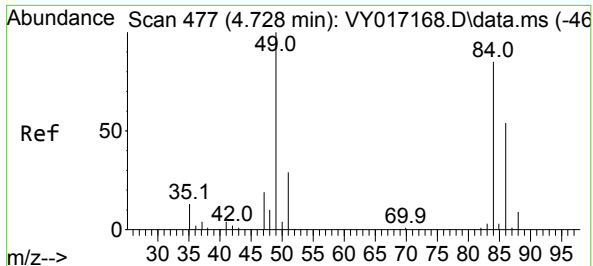
Tgt Ion: 43 Resp: 363

Ion Ratio Lower Upper

43 100

74 0.0 19.8 29.6#





#20

Methylene Chloride

Concen: 2.925 ug/l

RT: 4.710 min Scan# 41

Delta R.T. -0.018 min

Lab File: VY017295.D

Acq: 07 Feb 2024 17:36

Instrument :

MSVOA_Y

ClientSampleId :

B-5(10-12)

Tgt Ion: 84 Resp: 3422

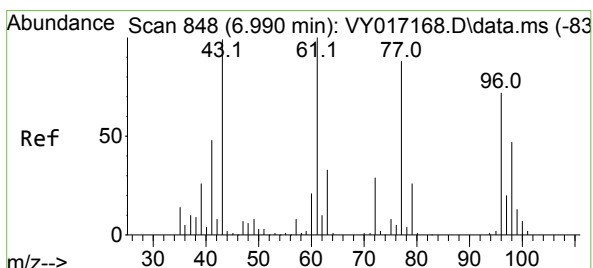
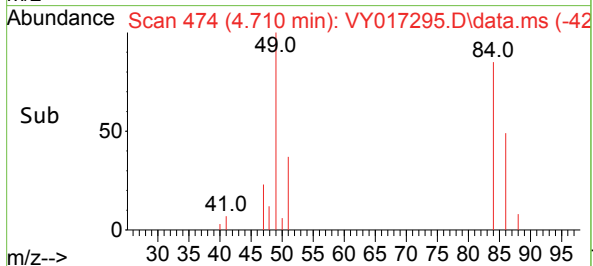
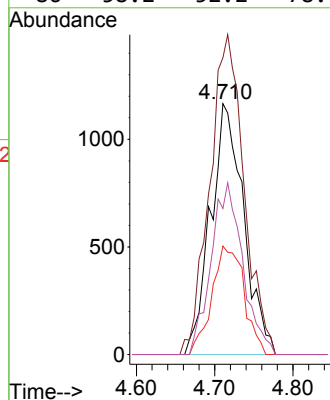
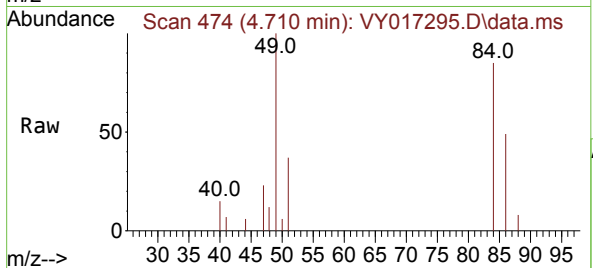
Ion Ratio Lower Upper

84 100

49 118.3 95.2 142.8

51 43.2 29.9 44.9

86 58.2 52.2 78.4



#25

2-Butanone

Concen: 10.842 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY017295.D

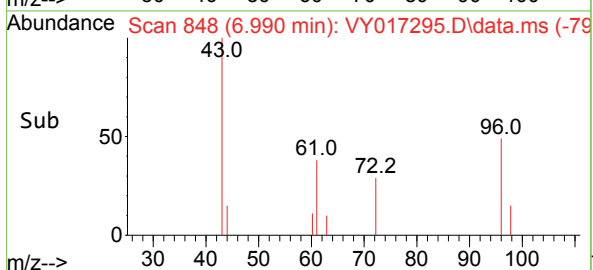
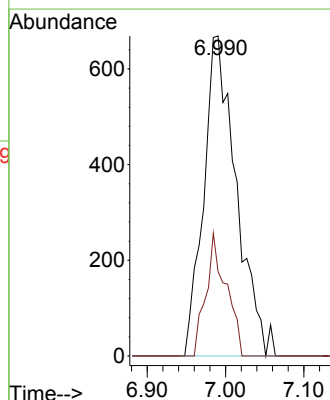
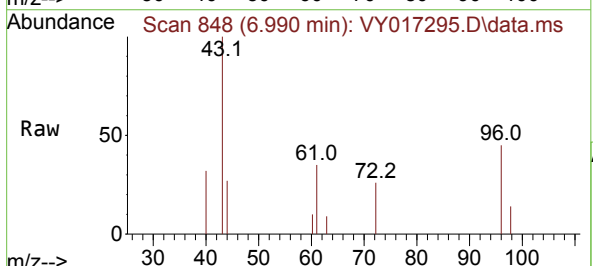
Acq: 07 Feb 2024 17:36

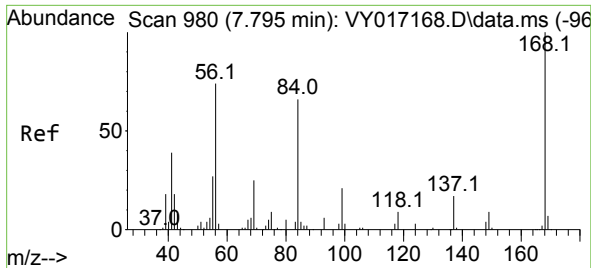
Tgt Ion: 43 Resp: 1935

Ion Ratio Lower Upper

43 100

72 26.3 21.4 32.2

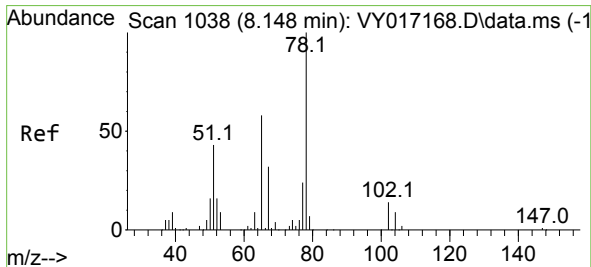
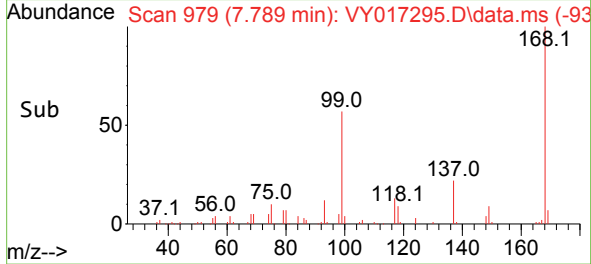
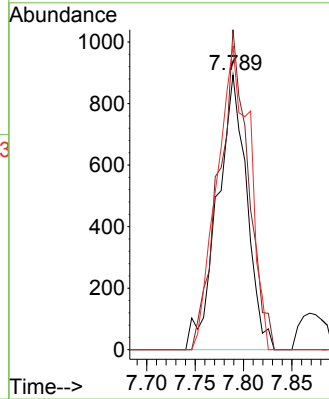
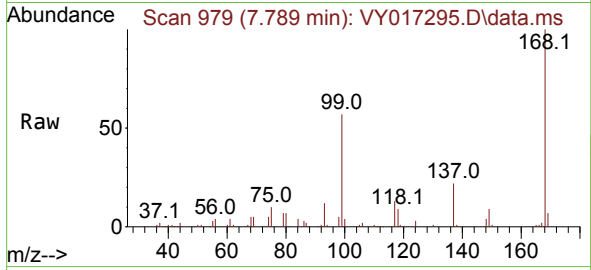




#31
Cyclohexane
Concen: 2.044 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017295.D
Acq: 07 Feb 2024 17:36

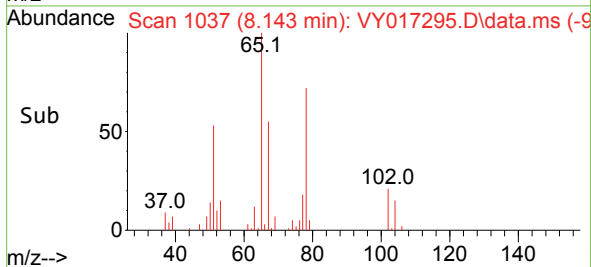
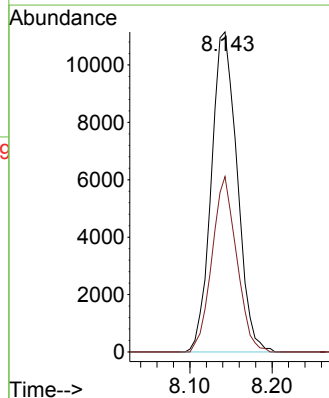
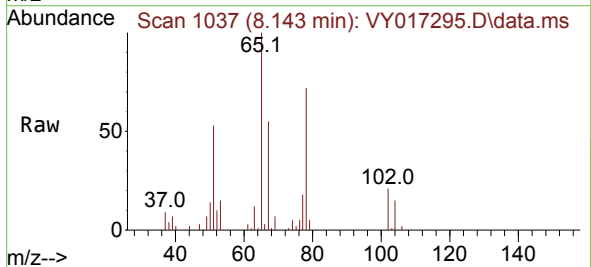
Instrument :
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B-5(10-12)

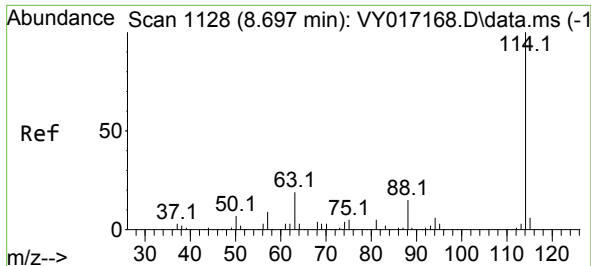
Tgt Ion: 56 Resp: 1882
Ion Ratio Lower Upper
56 100
69 116.5 27.0 40.6#
84 110.5 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 53.303 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY017295.D
Acq: 07 Feb 2024 17:36

Tgt Ion: 65 Resp: 24348
Ion Ratio Lower Upper
65 100
67 52.4 0.0 109.0

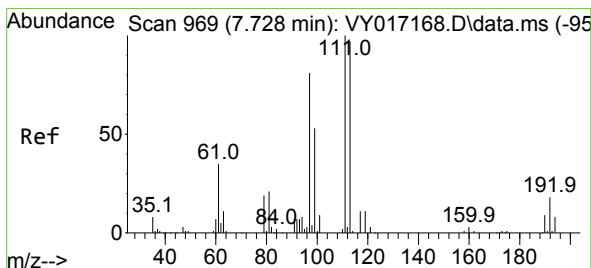
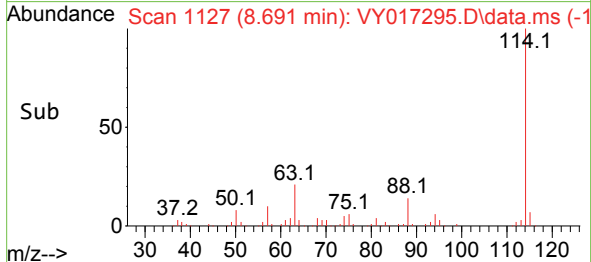
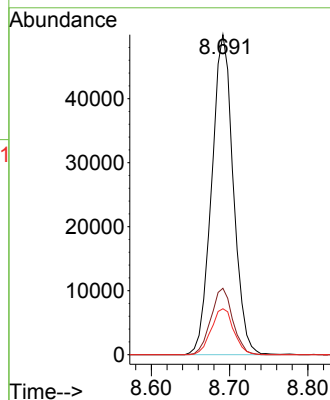
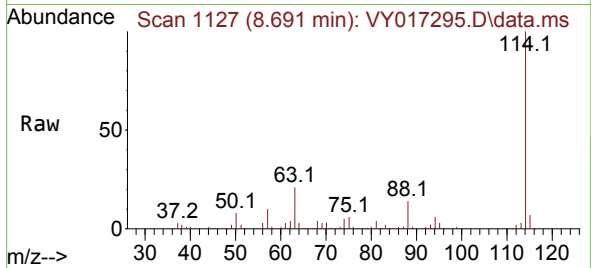




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VY017295.D
Acq: 07 Feb 2024 17:36

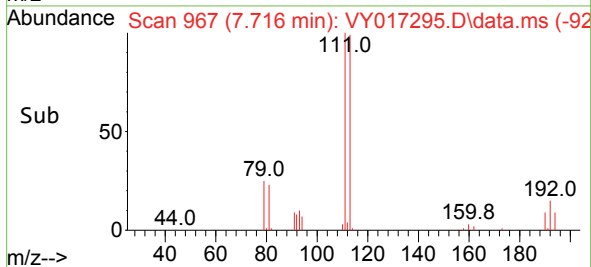
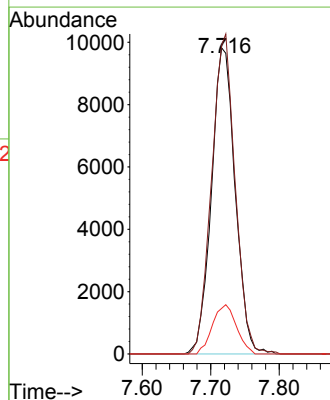
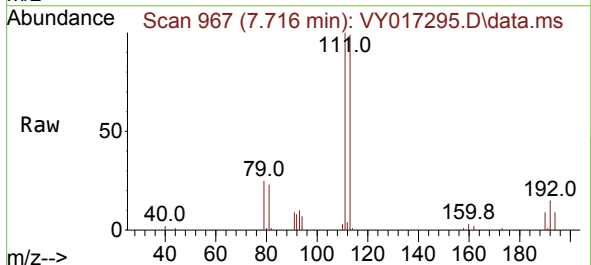
Instrument :
MSVOA_Y
ClientSampleId :
B-5(10-12)

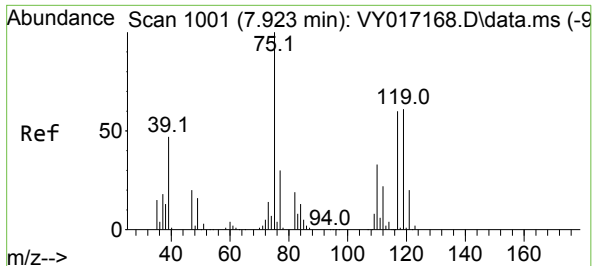
Tgt Ion:114 Resp: 95681
Ion Ratio Lower Upper
114 100
63 20.8 0.0 37.4
88 14.3 0.0 29.0



#35
Dibromofluoromethane
Concen: 45.686 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.012 min
Lab File: VY017295.D
Acq: 07 Feb 2024 17:36

Tgt Ion:113 Resp: 23602
Ion Ratio Lower Upper
113 100
111 103.7 83.8 125.6
192 16.3 14.5 21.7





#36

1,1-Dichloropropene

Concen: 5.375 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY017295.D

Acq: 07 Feb 2024 17:36

Instrument :

MSVOA_Y

ClientSampleId :

B-5(10-12)

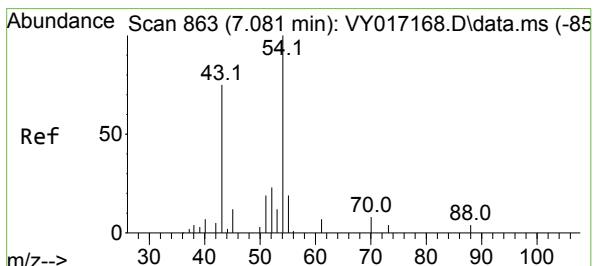
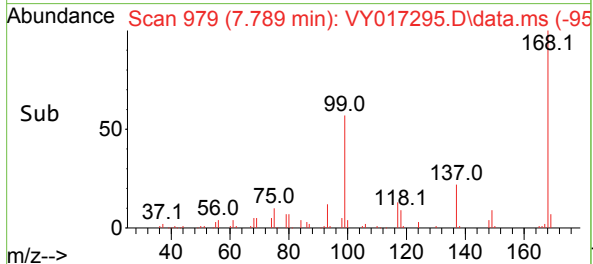
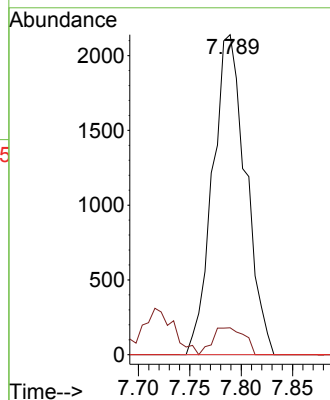
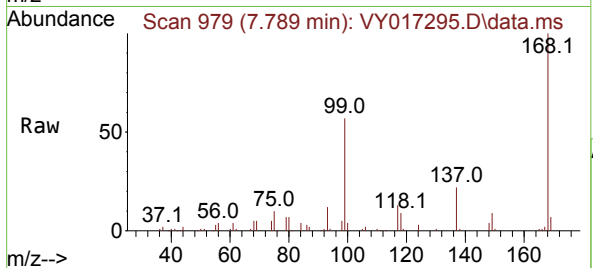
Tgt Ion: 75 Resp: 4790

Ion Ratio Lower Upper

75 100

110 8.1 17.4 52.3#

77 0.0 24.7 37.1#



#37

Ethyl Acetate

Concen: 4.682 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.091 min

Lab File: VY017295.D

Acq: 07 Feb 2024 17:36

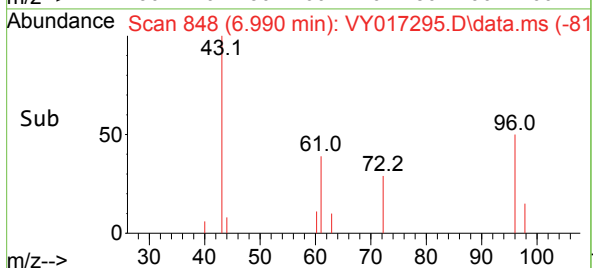
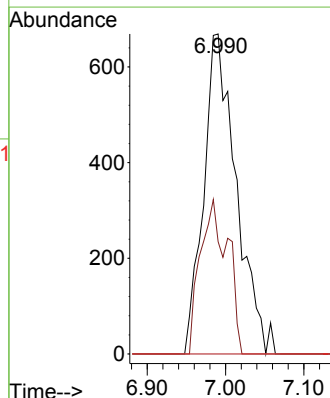
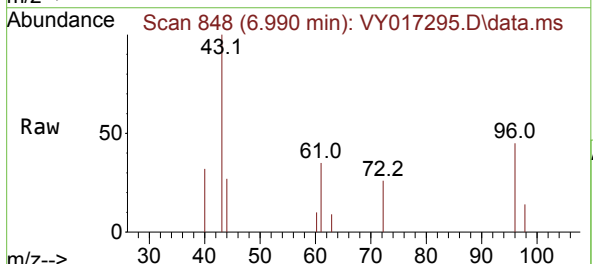
Tgt Ion: 43 Resp: 1935

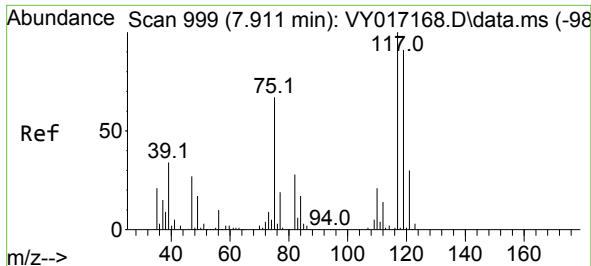
Ion Ratio Lower Upper

43 100

61 40.8 11.0 16.6#

70 0.0 8.1 12.1#

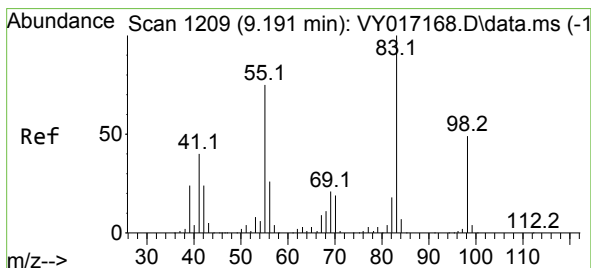
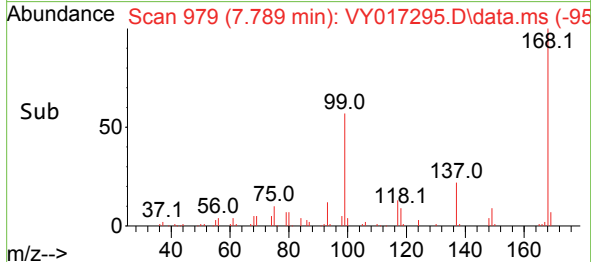
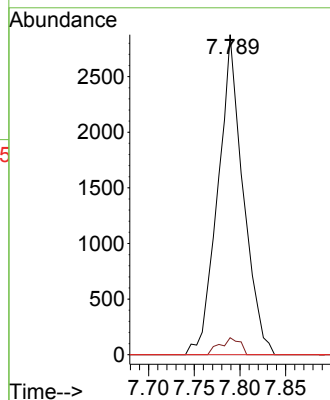
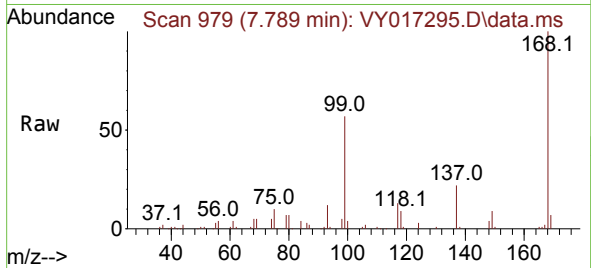




#38
Carbon Tetrachloride
Concen: 6.480 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.121 min
Lab File: VY017295.D
Acq: 07 Feb 2024 17:36

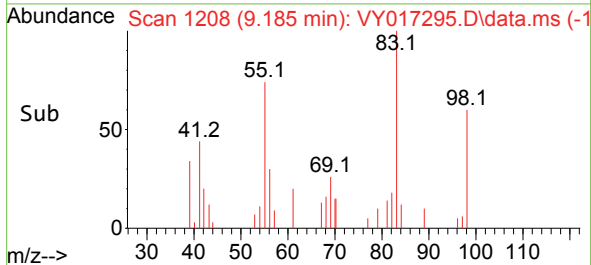
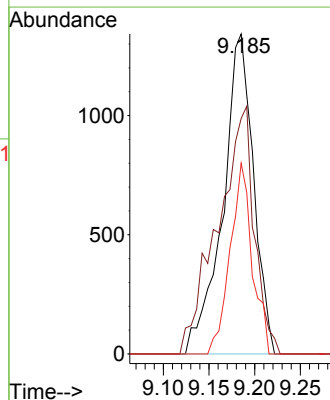
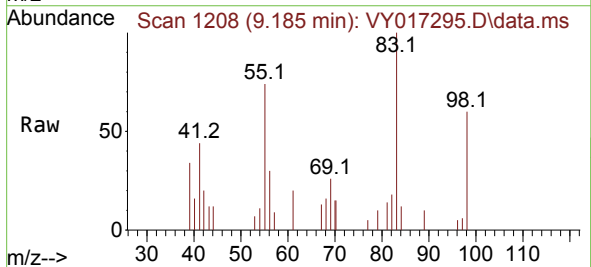
Instrument :
MSVOA_Y
ClientSampleId :
B-5(10-12)

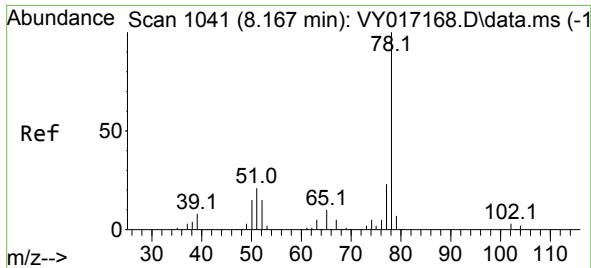
Tgt Ion:117 Resp: 5529
Ion Ratio Lower Upper
117 100
119 5.3 76.0 114.0#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 2.999 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.006 min
Lab File: VY017295.D
Acq: 07 Feb 2024 17:36

Tgt Ion: 83 Resp: 3122
Ion Ratio Lower Upper
83 100
55 73.6 59.7 89.5
98 59.6 38.0 57.0#

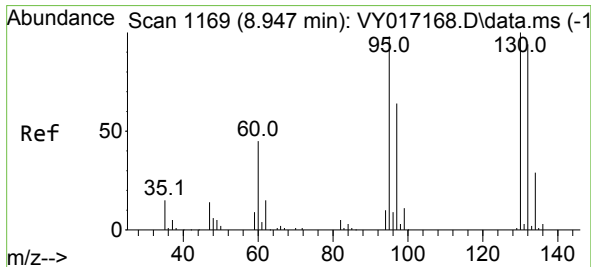
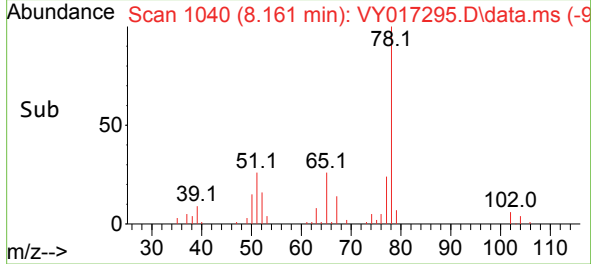
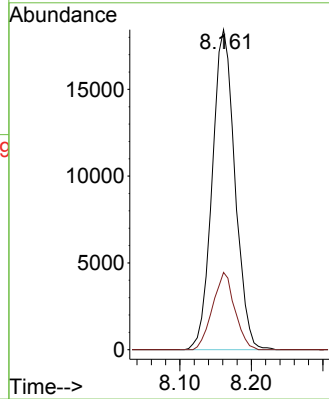
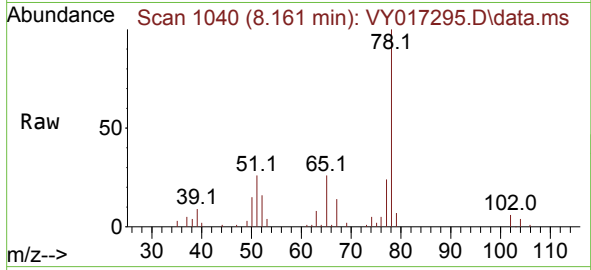




#40
Benzene
Concen: 15.982 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY017295.D
Acq: 07 Feb 2024 17:36

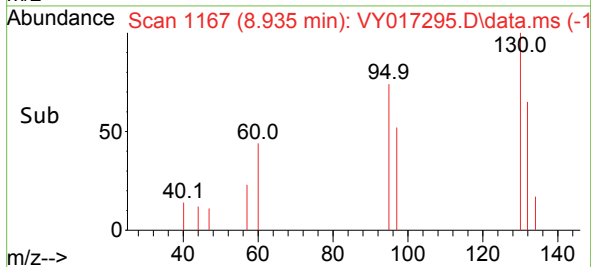
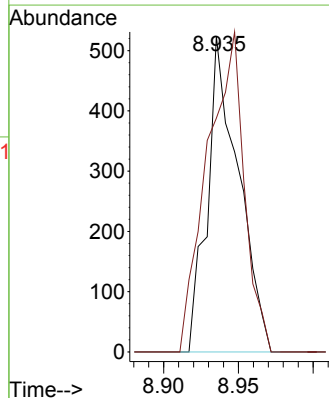
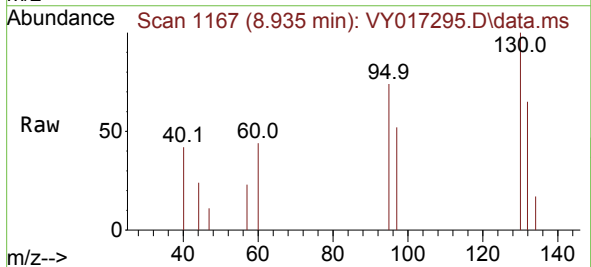
Instrument :
MSVOA_Y
ClientSampleId :
B-5(10-12)

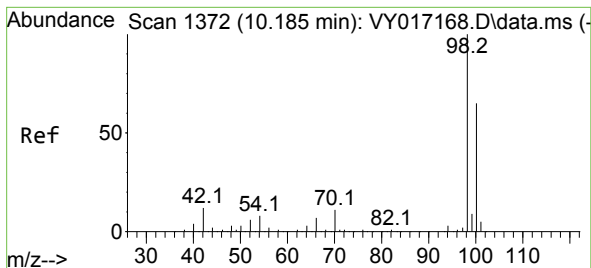
Tgt Ion: 78 Resp: 40671
Ion Ratio Lower Upper
78 100
77 24.1 18.8 28.2



#44
Trichloroethene
Concen: 1.172 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.012 min
Lab File: VY017295.D
Acq: 07 Feb 2024 17:36

Tgt Ion: 130 Resp: 757
Ion Ratio Lower Upper
130 100
95 74.0 0.0 203.8





#50

Toluene-d8

Concen: 45.299 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY017295.D

Acq: 07 Feb 2024 17:36

Instrument :

MSVOA_Y

ClientSampleId :

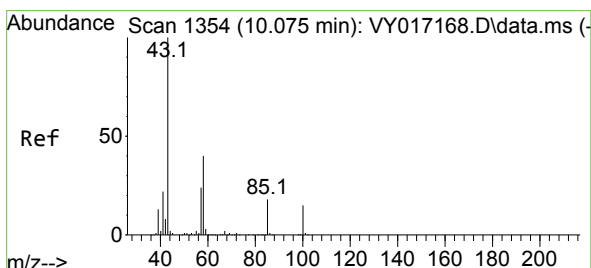
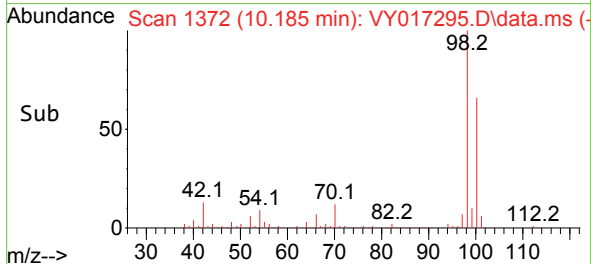
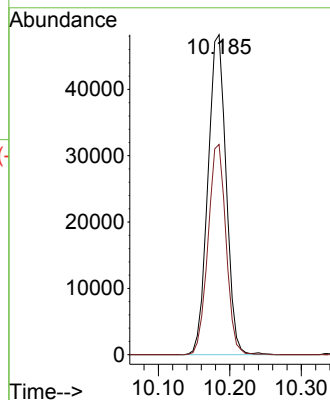
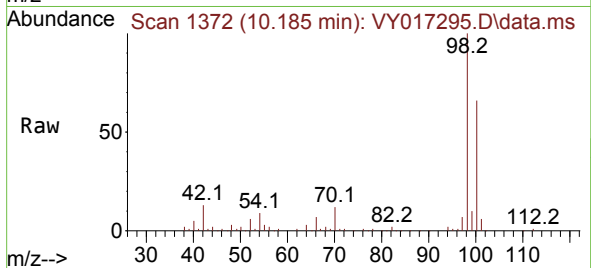
B-5(10-12)

Tgt Ion: 98 Resp: 85205

Ion Ratio Lower Upper

98 100

100 65.0 52.3 78.5



#51

4-Methyl-2-Pentanone

Concen: 307.080 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.171 min

Lab File: VY017295.D

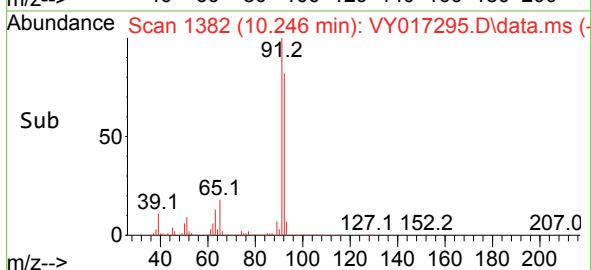
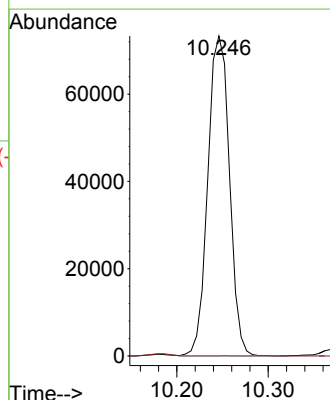
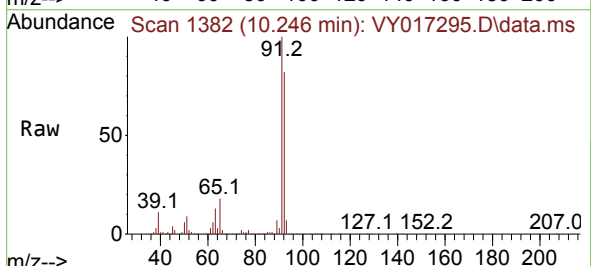
Acq: 07 Feb 2024 17:36

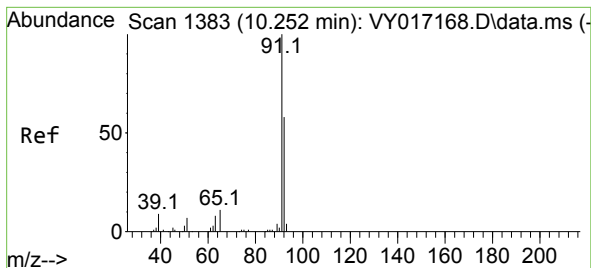
Tgt Ion: 43 Resp: 120437

Ion Ratio Lower Upper

43 100

58 0.0 32.2 48.2#





#52

Toluene

Concen: 7119.190 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. -0.006 min

Lab File: VY017295.D

Acq: 07 Feb 2024 17:36

Instrument :

MSVOA_Y

ClientSampleId :

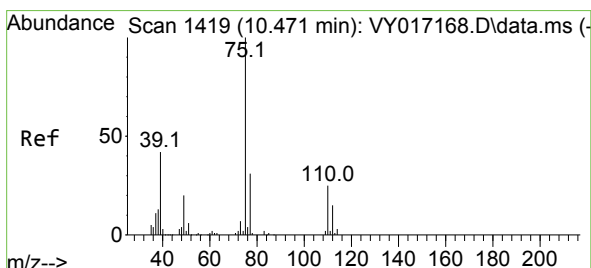
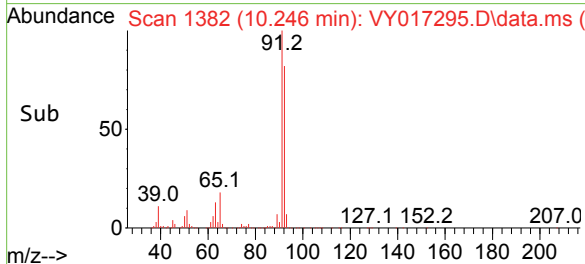
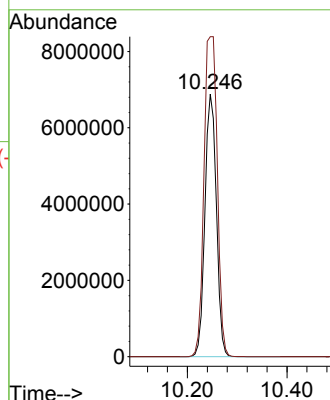
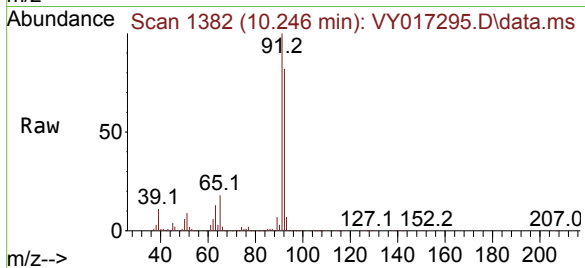
B-5(10-12)

Tgt Ion: 92 Resp:10935522

Ion Ratio Lower Upper

92 100

91 142.4 137.6 206.4



#53

t-1,3-Dichloropropene

Concen: 173.995 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. -0.225 min

Lab File: VY017295.D

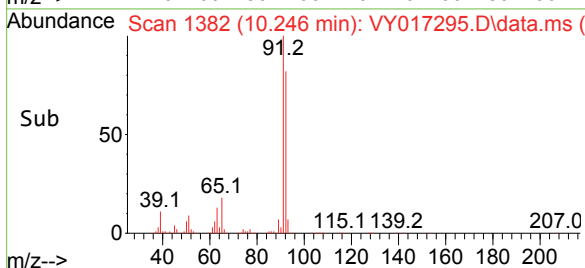
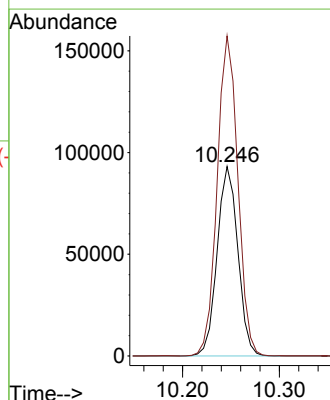
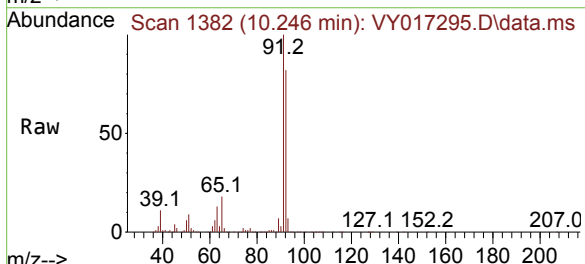
Acq: 07 Feb 2024 17:36

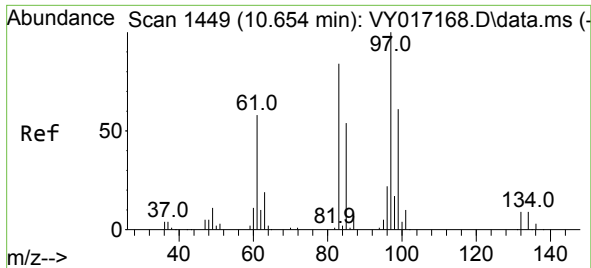
Tgt Ion: 75 Resp: 138105

Ion Ratio Lower Upper

75 100

77 168.9 24.6 36.8#

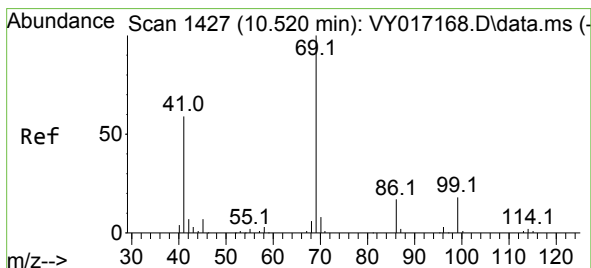
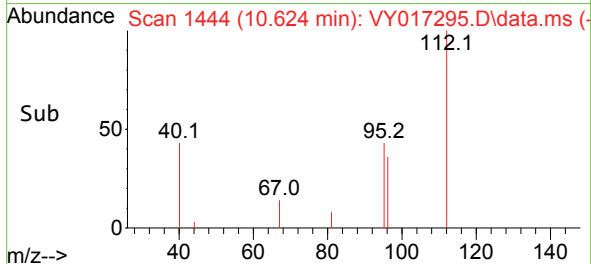
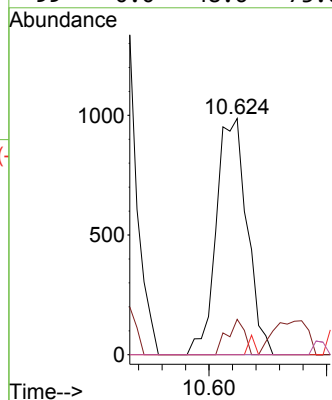
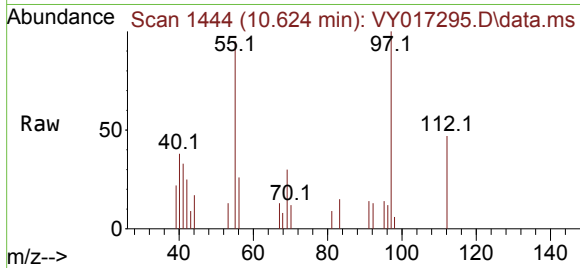




#55
1,1,2-Trichloroethane
Concen: 3.918 ug/l
RT: 10.624 min Scan# 1444
Delta R.T. -0.030 min
Lab File: VY017295.D
Acq: 07 Feb 2024 17:36

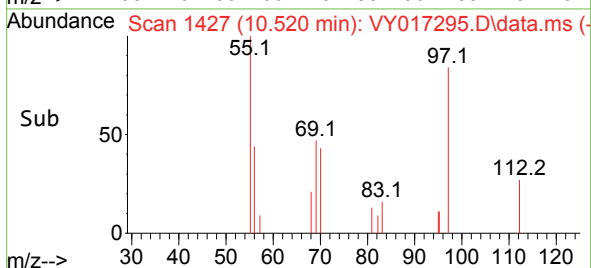
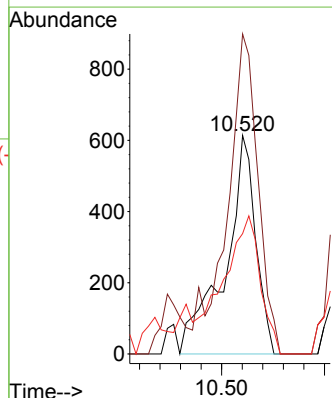
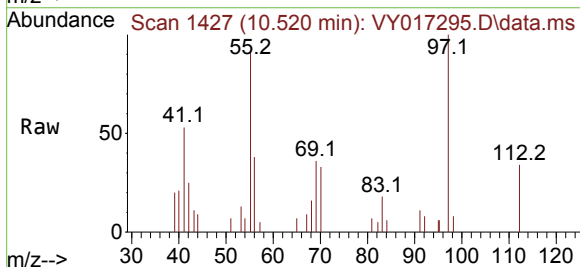
Instrument :
MSVOA_Y
ClientSampleId :
B-5(10-12)

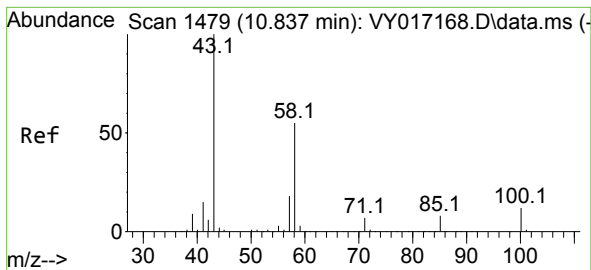
Tgt Ion:	97	Resp:	1800
Ion	Ratio	Lower	Upper
97	100		
83	15.0	69.4	104.2#
85	0.0	43.9	65.9#
99	0.0	48.6	73.0#



#56
Ethyl methacrylate
Concen: 4.934 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VY017295.D
Acq: 07 Feb 2024 17:36

Tgt Ion:	69	Resp:	1269
Ion	Ratio	Lower	Upper
69	100		
41	0.0	49.2	73.8#
39	0.0	26.8	40.2#

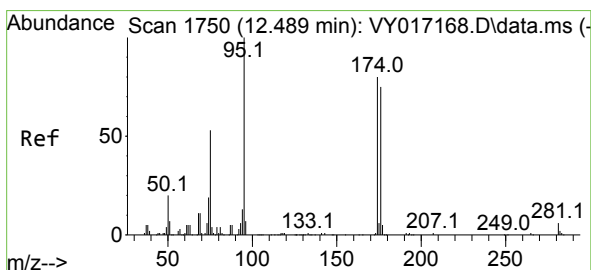
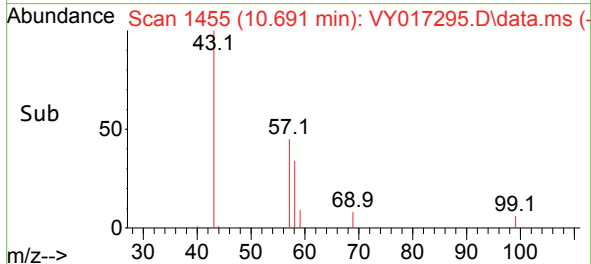
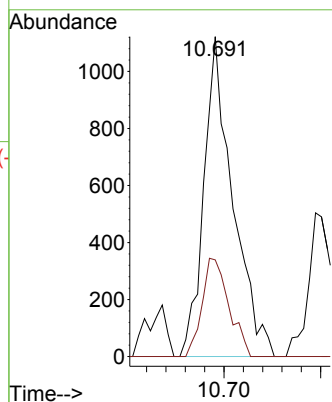
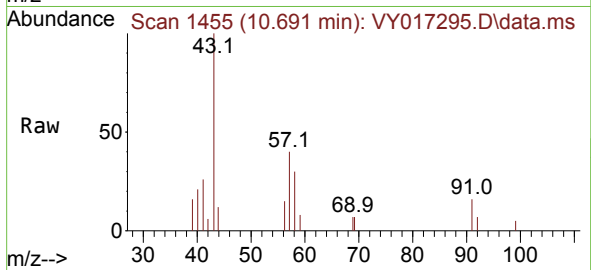




#59
2-Hexanone
Concen: 8.247 ug/l
RT: 10.691 min Scan# 1479
Delta R.T. -0.146 min
Lab File: VY017295.D
Acq: 07 Feb 2024 17:36

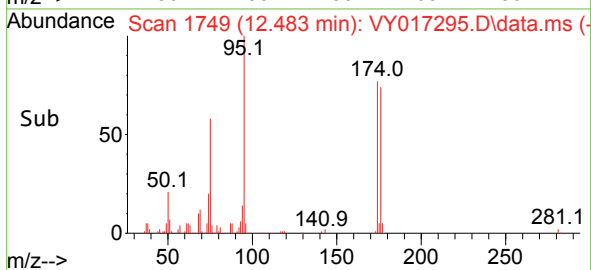
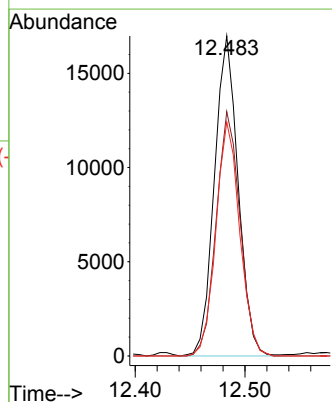
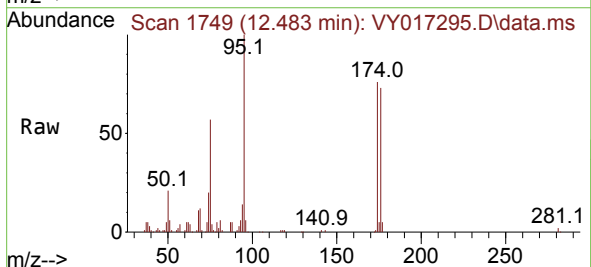
Instrument :
MSVOA_Y
ClientSampleId :
B-5(10-12)

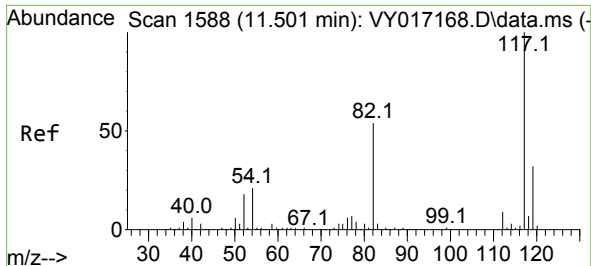
Tgt Ion: 43 Resp: 2339
Ion Ratio Lower Upper
43 100
58 28.4 28.1 84.3



#62
4-Bromofluorobenzene
Concen: 41.425 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017295.D
Acq: 07 Feb 2024 17:36

Tgt Ion: 95 Resp: 25525
Ion Ratio Lower Upper
95 100
174 77.2 0.0 160.0
176 73.4 0.0 151.8

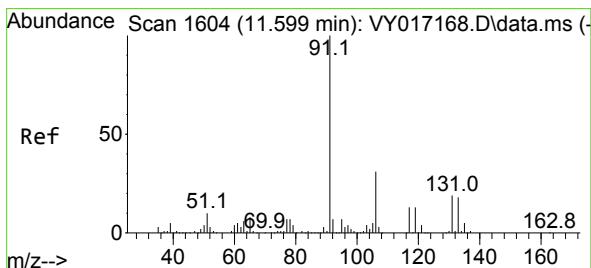
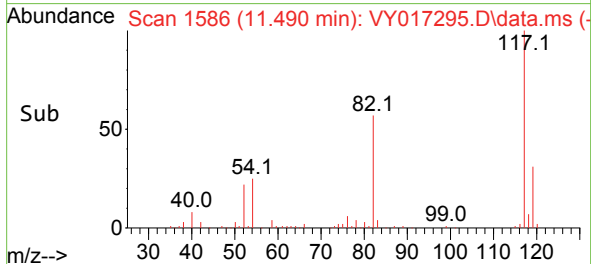
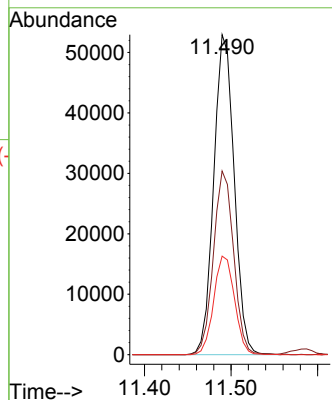
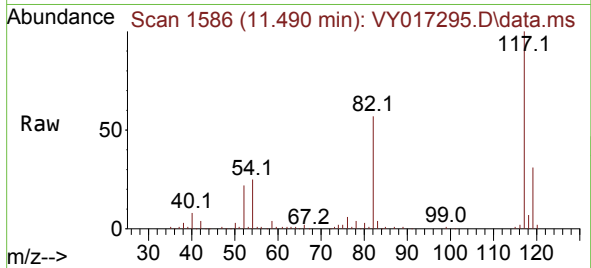




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY017295.D
Acq: 07 Feb 2024 17:36

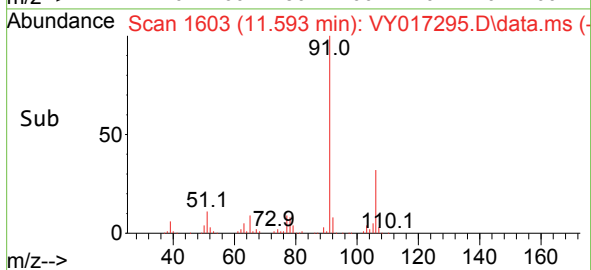
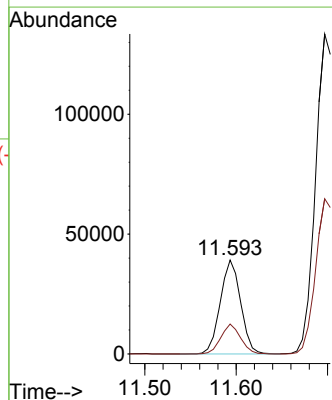
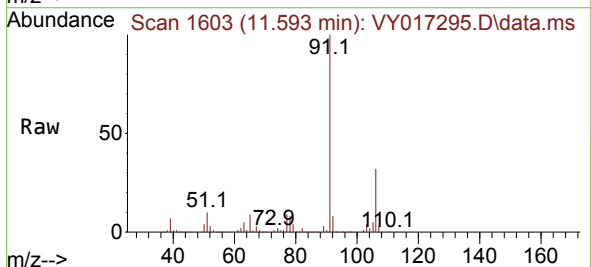
Instrument :
MSVOA_Y
ClientSampleId :
B-5(10-12)

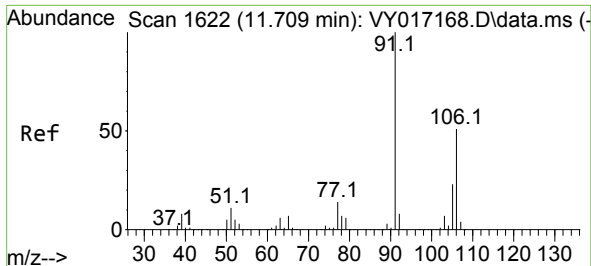
Tgt Ion:117 Resp: 86758
Ion Ratio Lower Upper
117 100
82 57.4 43.8 65.8
119 30.8 26.5 39.7



#67
Ethyl Benzene
Concen: 20.074 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY017295.D
Acq: 07 Feb 2024 17:36

Tgt Ion: 91 Resp: 60719
Ion Ratio Lower Upper
91 100
106 31.8 25.0 37.4

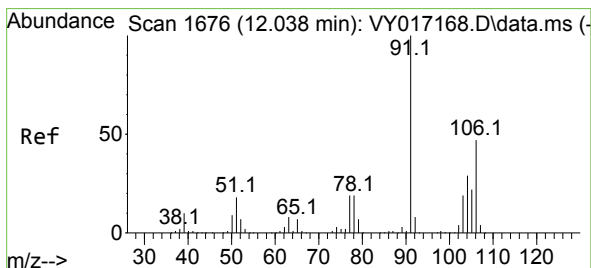
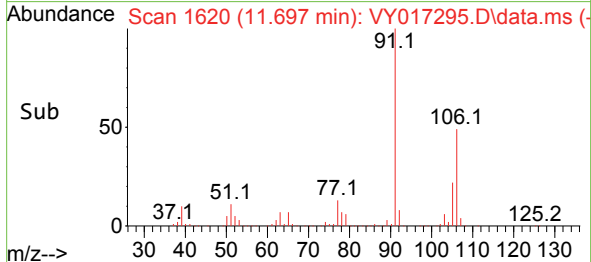
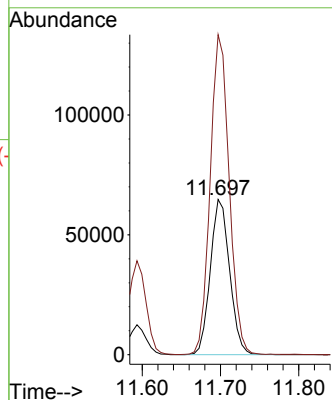
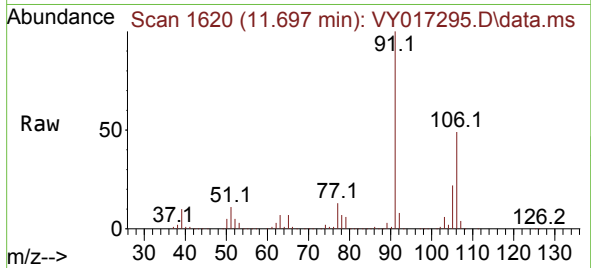




#68
m/p-Xylenes
Concen: 96.377 ug/l
RT: 11.697 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY017295.D
Acq: 07 Feb 2024 17:36

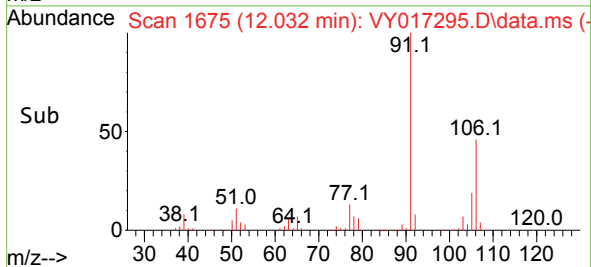
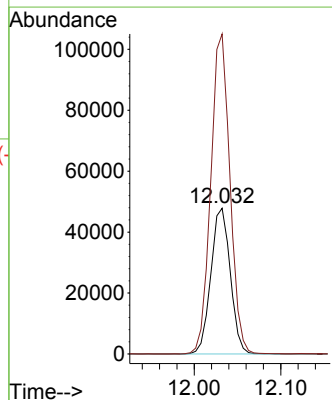
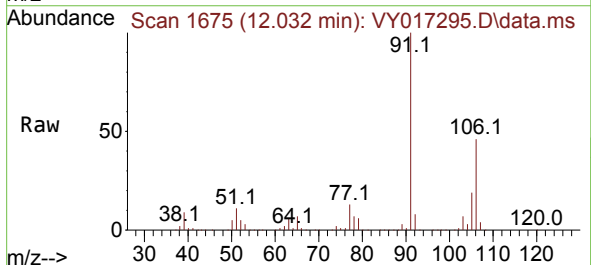
Instrument :
MSVOA_Y
ClientSampleId :
B-5(10-12)

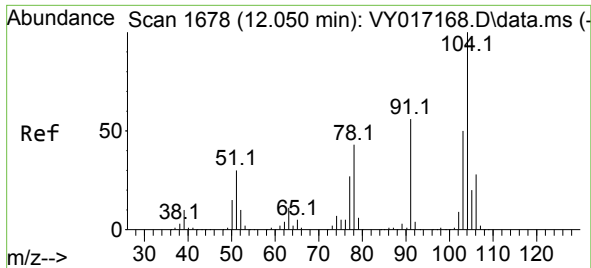
Tgt Ion:106 Resp: 110629
Ion Ratio Lower Upper
106 100
91 203.2 160.7 241.1



#69
o-Xylene
Concen: 70.478 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VY017295.D
Acq: 07 Feb 2024 17:36

Tgt Ion:106 Resp: 74500
Ion Ratio Lower Upper
106 100
91 217.0 106.5 319.5

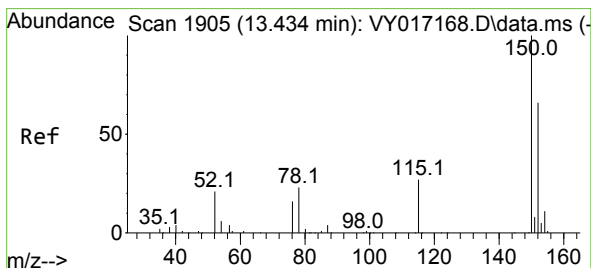
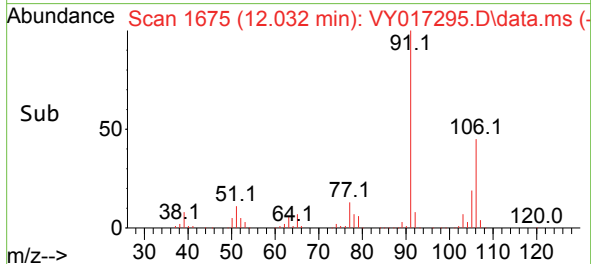
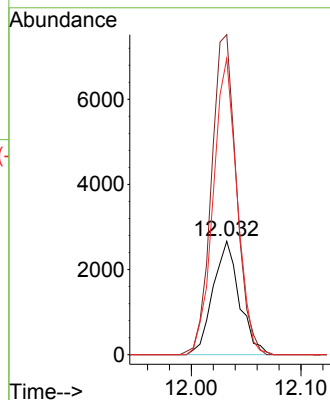
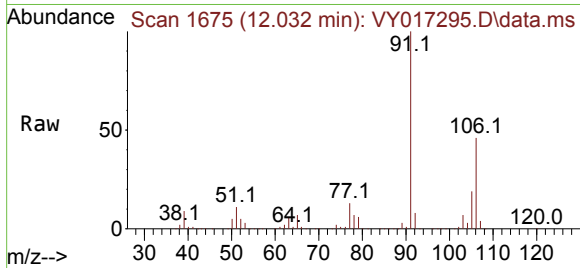




#70
Styrene
Concen: 2.570 ug/l
RT: 12.032 min Scan# 1
Delta R.T. -0.018 min
Lab File: VY017295.D
Acq: 07 Feb 2024 17:36

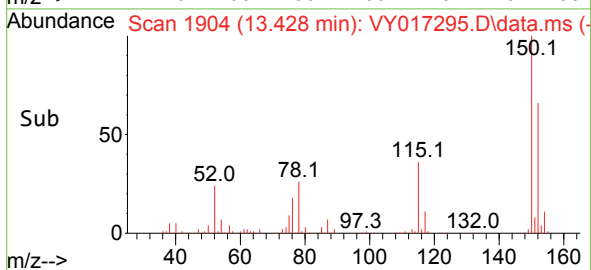
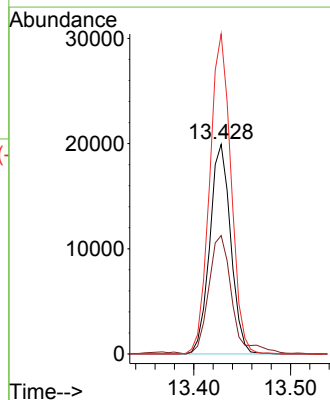
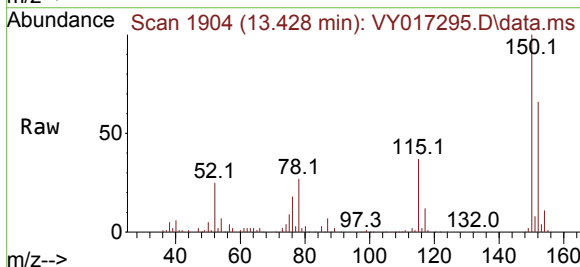
Instrument :
MSVOA_Y
ClientSampleId :
B-5(10-12)

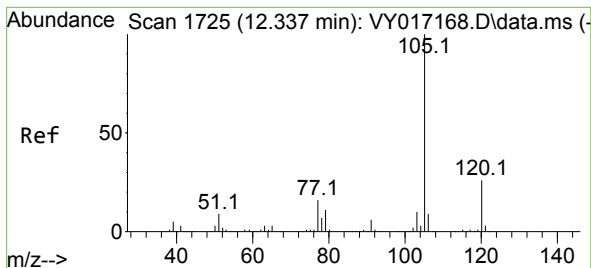
Tgt Ion:104 Resp: 4476
Ion Ratio Lower Upper
104 100
78 265.8 39.2 58.8#
103 236.1 43.8 65.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY017295.D
Acq: 07 Feb 2024 17:36

Tgt Ion:152 Resp: 30018
Ion Ratio Lower Upper
152 100
115 63.1 30.0 90.0
150 155.5 0.0 344.6





#73

Isopropylbenzene

Concen: 2.643 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. -0.006 min

Lab File: VY017295.D

Acq: 07 Feb 2024 17:36

Instrument :

MSVOA_Y

ClientSampleId :

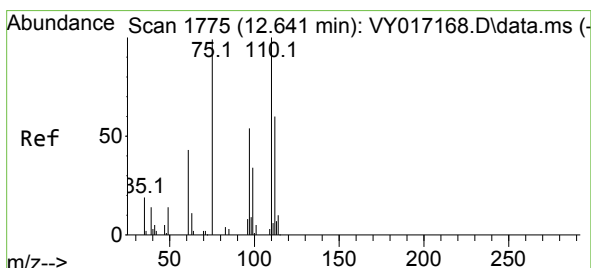
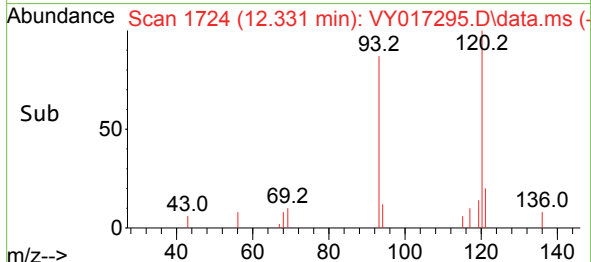
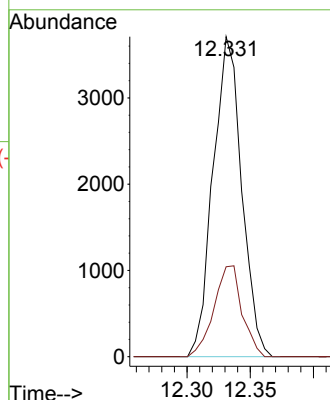
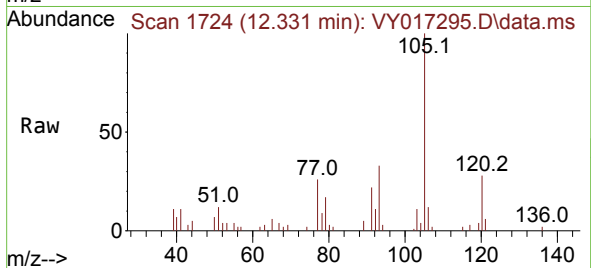
B-5(10-12)

Tgt Ion:105 Resp: 5829

Ion Ratio Lower Upper

105 100

120 27.9 13.0 39.0



#76

1,2,3-Trichloropropane

Concen: 51.584 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.158 min

Lab File: VY017295.D

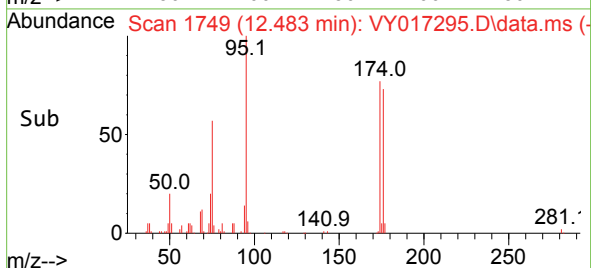
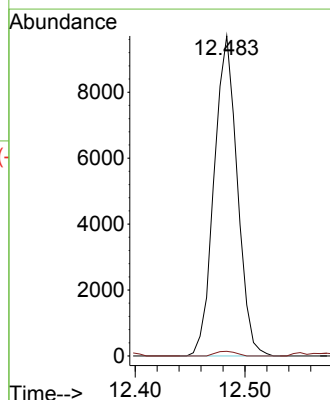
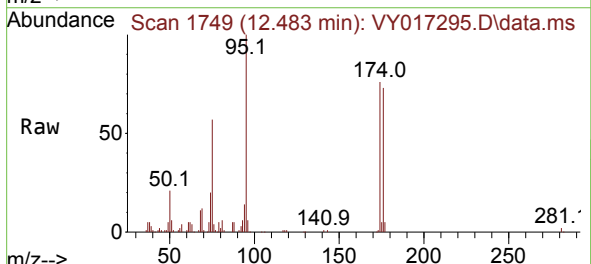
Acq: 07 Feb 2024 17:36

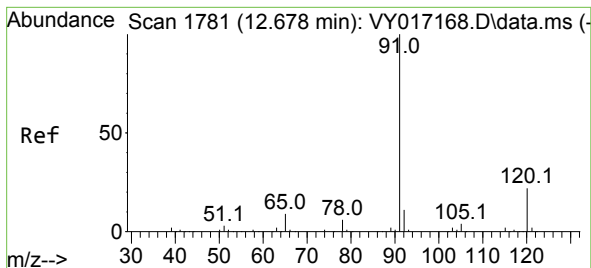
Tgt Ion: 75 Resp: 14292

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#





#78

n-propylbenzene

Concen: 1.564 ug/l

RT: 12.672 min Scan# 1781

Delta R.T. -0.006 min

Lab File: VY017295.D

Acq: 07 Feb 2024 17:36

Instrument :

MSVOA_Y

ClientSampleId :

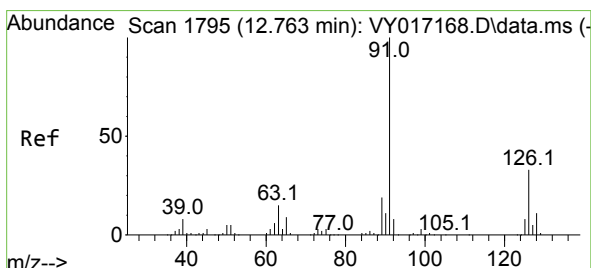
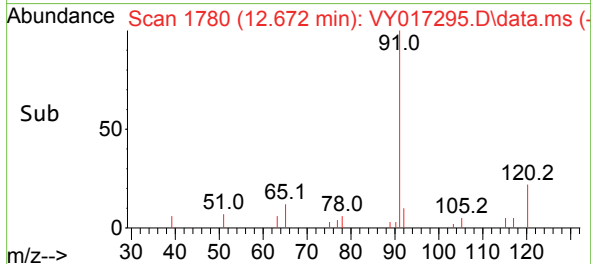
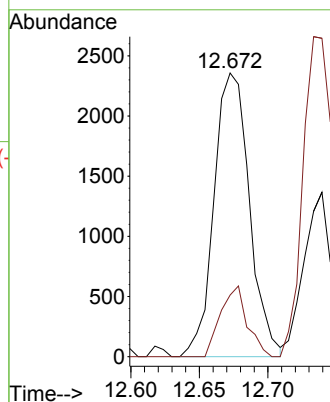
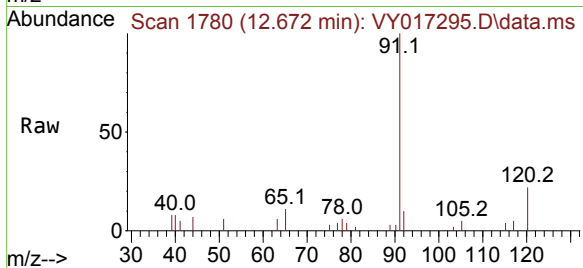
B-5(10-12)

Tgt Ion: 91 Resp: 4236

Ion Ratio Lower Upper

91 100

120 18.7 11.0 33.0



#79

2-Chlorotoluene

Concen: 1.271 ug/l

RT: 12.739 min Scan# 1791

Delta R.T. -0.024 min

Lab File: VY017295.D

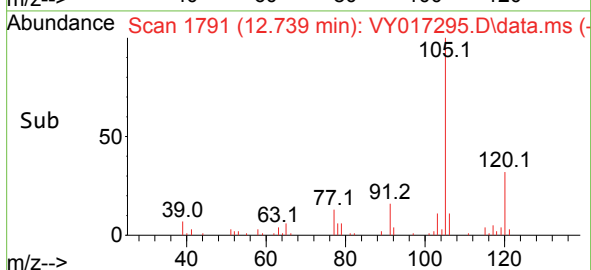
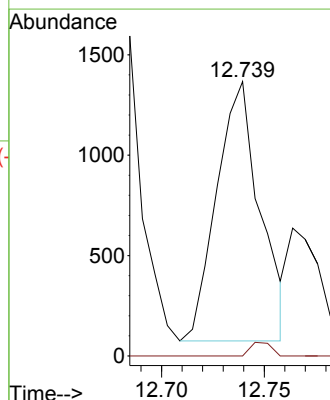
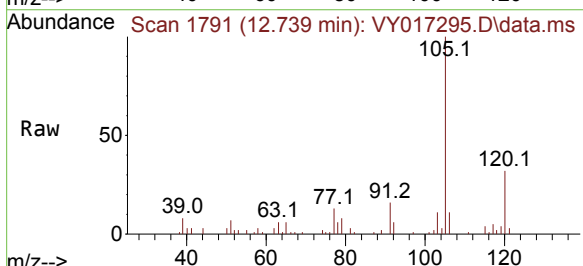
Acq: 07 Feb 2024 17:36

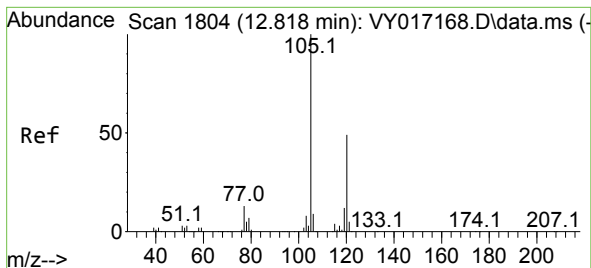
Tgt Ion: 91 Resp: 1893

Ion Ratio Lower Upper

91 100

126 2.5 17.0 51.0#





#80

1,3,5-Trimethylbenzene

Concen: 6.085 ug/l

RT: 12.813 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017295.D

Acq: 07 Feb 2024 17:36

Instrument :

MSVOA_Y

ClientSampleId :

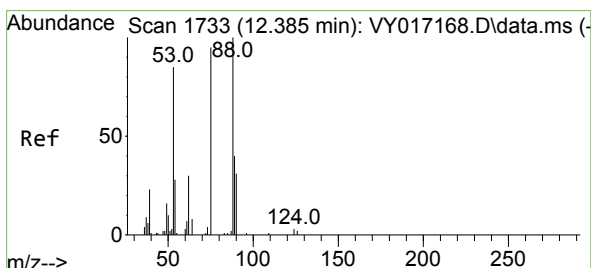
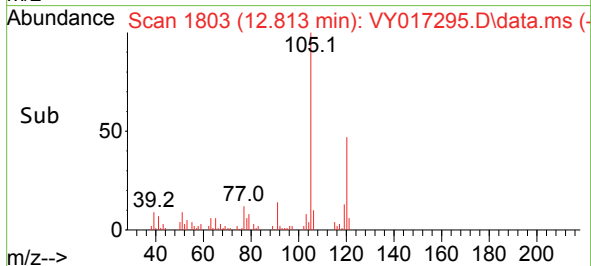
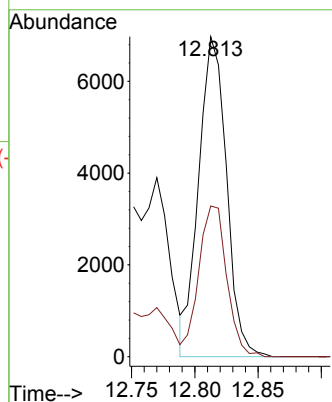
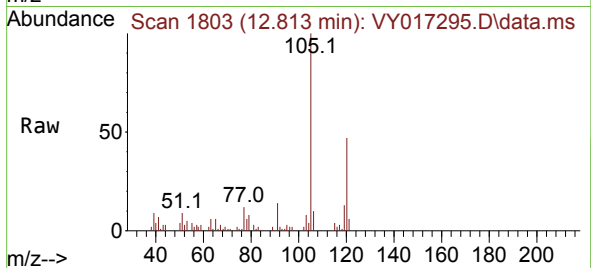
B-5(10-12)

Tgt Ion:105 Resp: 10673

Ion Ratio Lower Upper

105 100

120 47.6 24.3 72.8



#81

trans-1,4-Dichloro-2-butene

Concen: 107.185 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.098 min

Lab File: VY017295.D

Acq: 07 Feb 2024 17:36

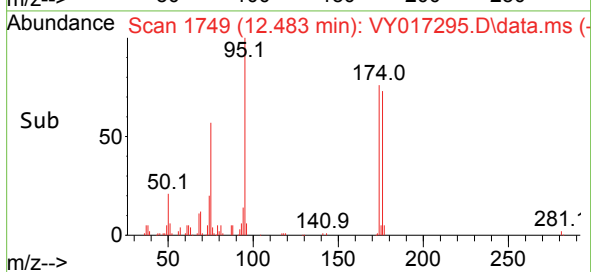
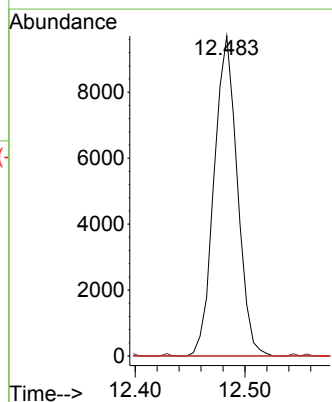
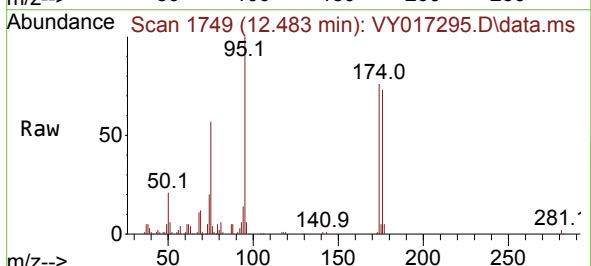
Tgt Ion: 75 Resp: 14292

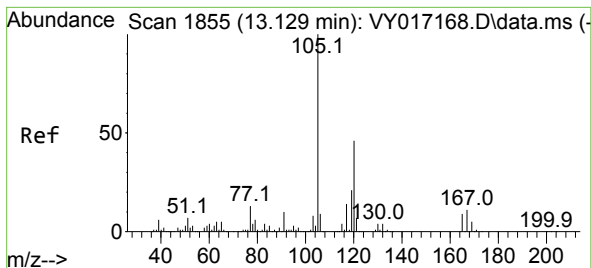
Ion Ratio Lower Upper

75 100

53 0.0 74.0 111.0#

89 0.0 36.5 54.7#





#84

1,2,4-Trimethylbenzene

Concen: 12.955 ug/l

RT: 13.124 min Scan# 1854

Delta R.T. -0.006 min

Lab File: VY017295.D

Acq: 07 Feb 2024 17:36

Instrument :

MSVOA_Y

ClientSampleId :

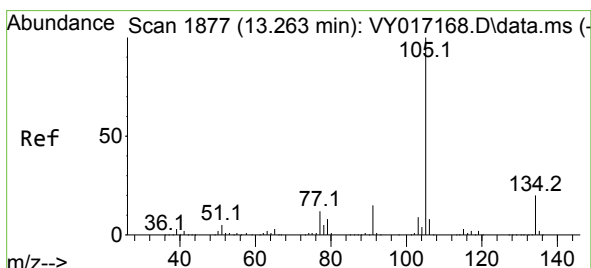
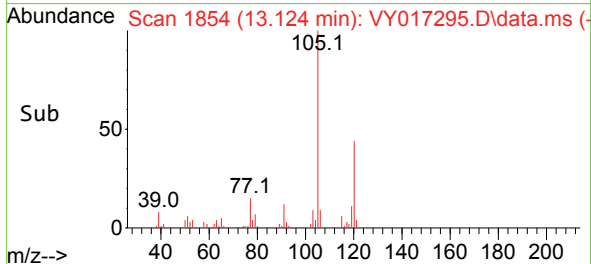
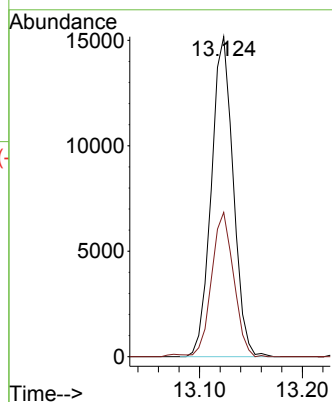
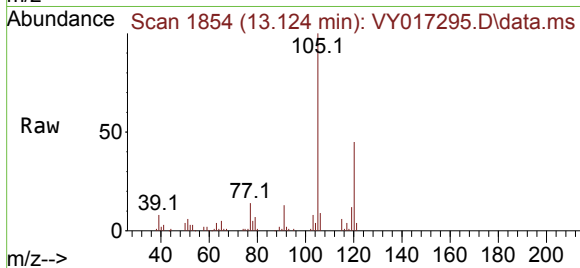
B-5(10-12)

Tgt Ion:105 Resp: 22427

Ion Ratio Lower Upper

105 100

120 45.2 22.1 66.3



#85

sec-Butylbenzene

Concen: 1.017 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VY017295.D

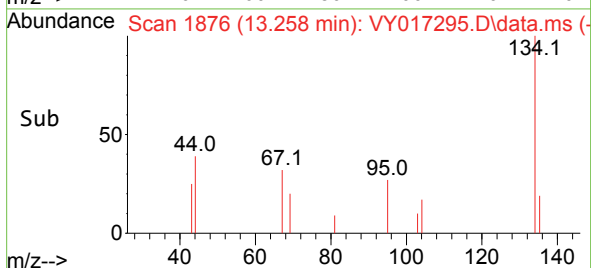
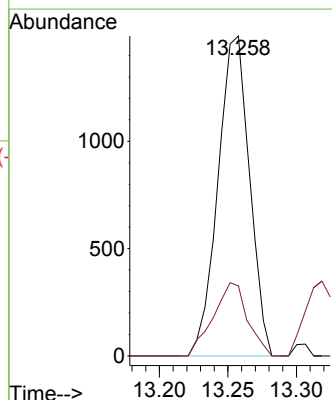
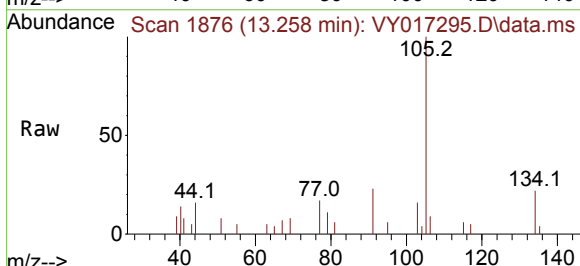
Acq: 07 Feb 2024 17:36

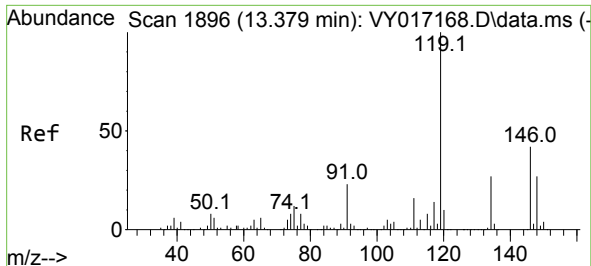
Tgt Ion:105 Resp: 2390

Ion Ratio Lower Upper

105 100

134 24.8 9.7 28.9

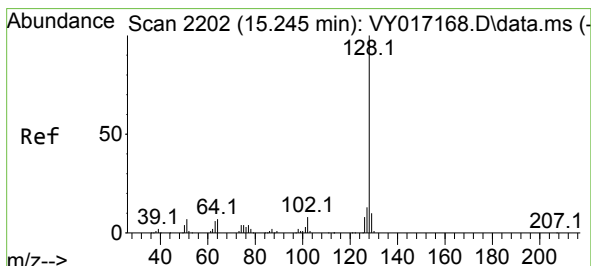
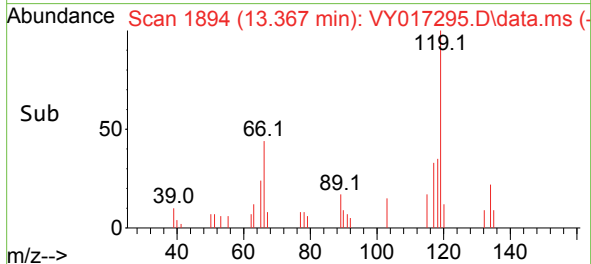
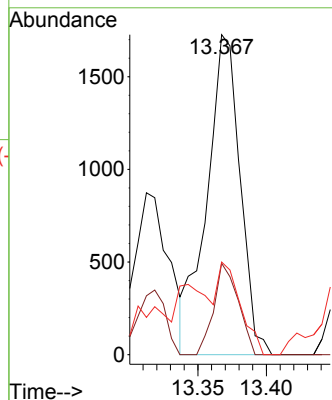
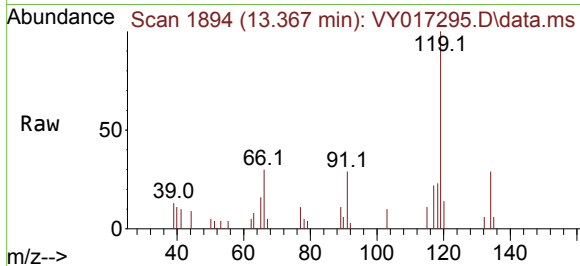




#86
p-Isopropyltoluene
Concen: 1.556 ug/l
RT: 13.367 min Scan# 119
Delta R.T. -0.012 min
Lab File: VY017295.D
Acq: 07 Feb 2024 17:36

Instrument :
MSVOA_Y
ClientSampleId :
B-5(10-12)

Tgt Ion:119 Resp: 2922
Ion Ratio Lower Upper
119 100
134 20.9 13.1 39.1
91 19.2 11.7 35.0



#95
Naphthalene
Concen: 29.904 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.006 min
Lab File: VY017295.D
Acq: 07 Feb 2024 17:36

Tgt Ion:128 Resp: 23166
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 11.1 8.6 12.8

