

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022824\
 Data File : VY017520.D
 Acq On : 28 Feb 2024 14:49
 Operator : SY/MD
 Sample : P1616-01RE
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 196-BAY-AVENUE

Quant Time: Feb 28 23:13:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

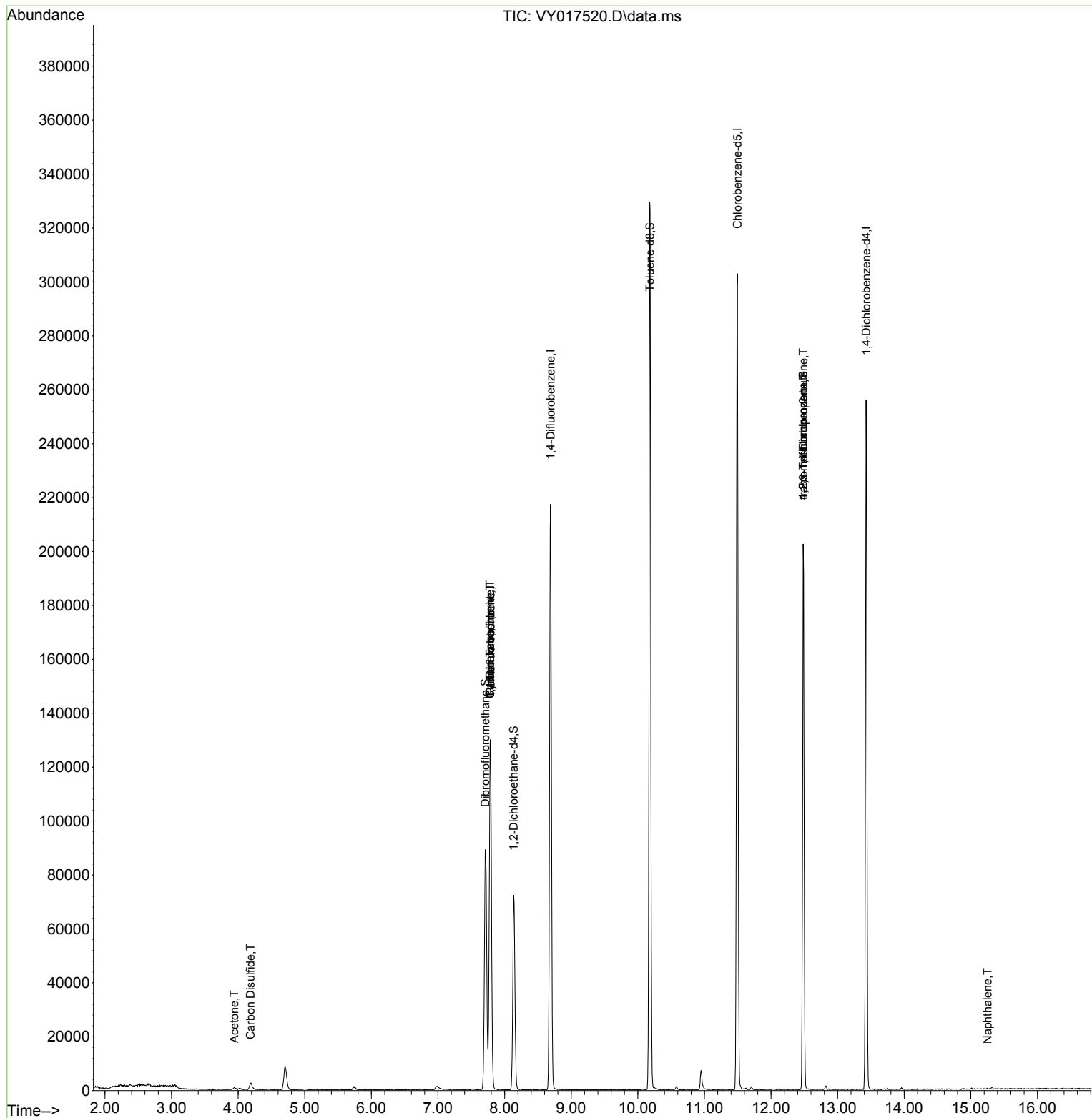
Internal Standards						
1) Pentafluorobenzene	7.789	168	109581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	198981	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	180137	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	67648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	53894	51.894	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.780%	
35) Dibromofluoromethane	7.709	113	65965	47.575	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.140%	
50) Toluene-d8	10.185	98	227456	46.918	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 93.840%	
62) 4-Bromofluorobenzene	12.483	95	59700	39.184	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 78.360%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	1368	6.791	ug/l	95
17) Carbon Disulfide	4.186	76	3796	1.222	ug/l	97
31) Cyclohexane	7.782	56	1953	1.156	ug/l #	1
36) 1,1-Dichloropropene	7.782	75	7563	4.043	ug/l #	48
38) Carbon Tetrachloride	7.782	117	9984	5.325	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	29865	46.464	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	29865	106.763	ug/l #	16
95) Naphthalene	15.251	128	209	4.005	ug/l #	69

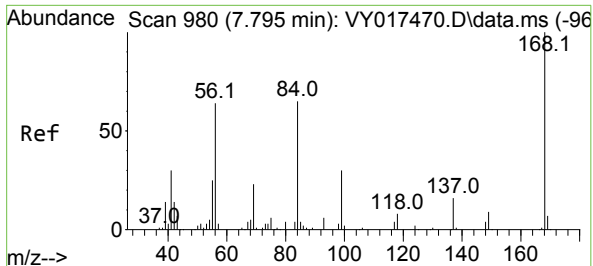
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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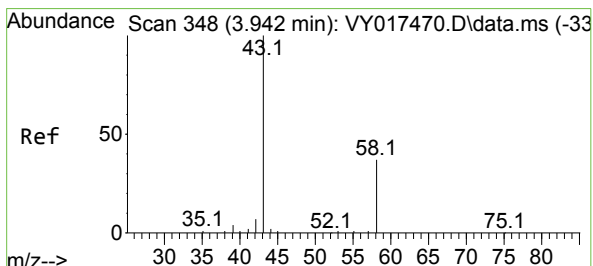
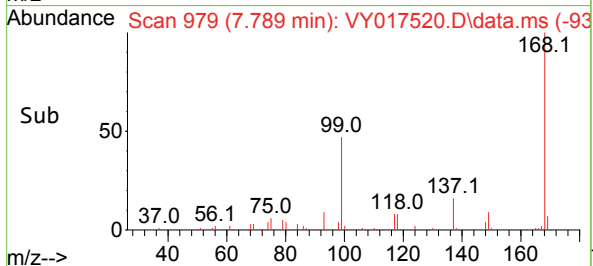
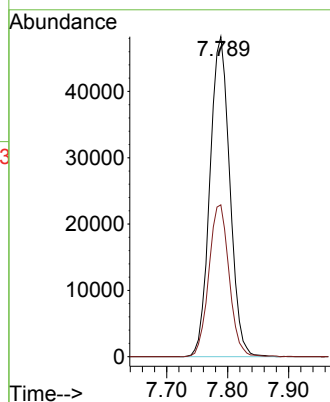
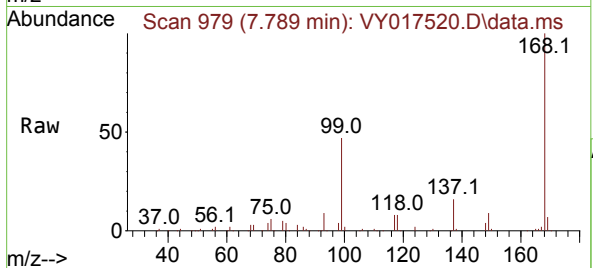




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017520.D
Acq: 28 Feb 2024 14:49

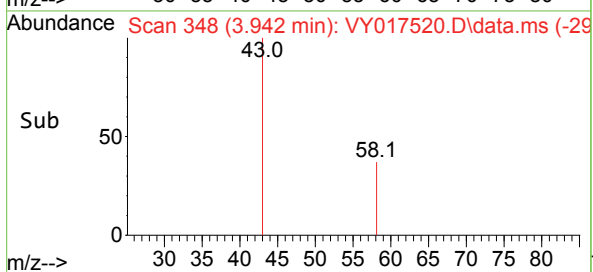
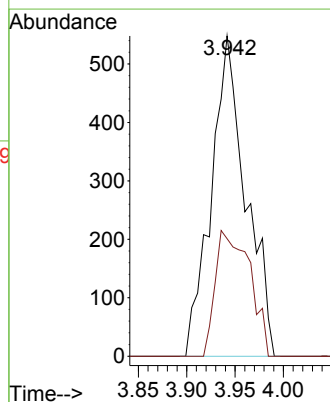
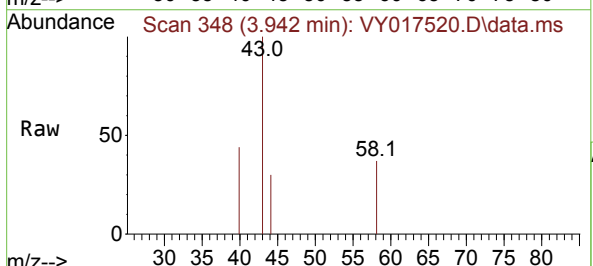
Instrument :
MSVOA_Y
ClientSampleId :
196-BAY-AVENUE

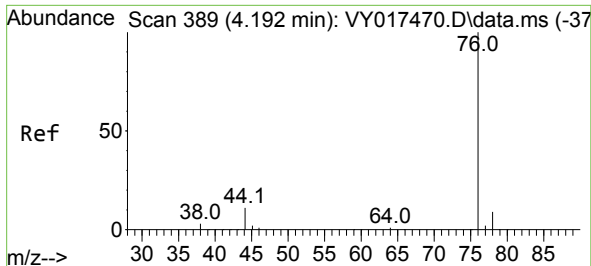
Tgt Ion:168 Resp: 109581
Ion Ratio Lower Upper
168 100
99 47.5 39.1 58.7



#16
Acetone
Concen: 6.791 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY017520.D
Acq: 28 Feb 2024 14:49

Tgt Ion: 43 Resp: 1368
Ion Ratio Lower Upper
43 100
58 36.7 31.7 47.5

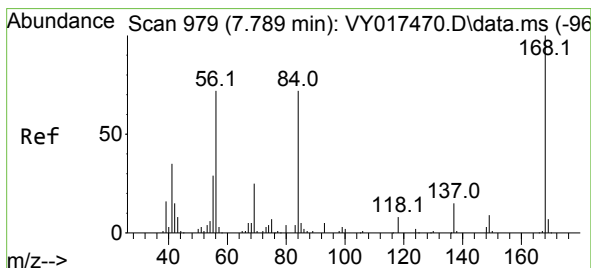
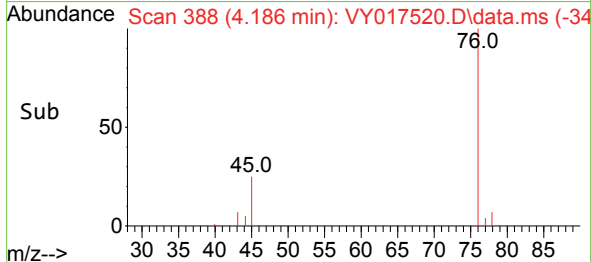
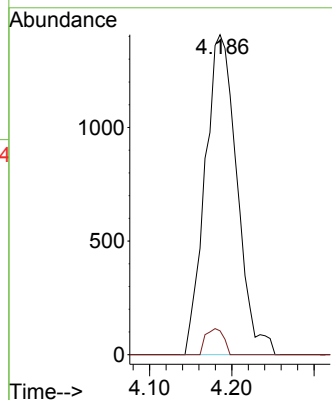
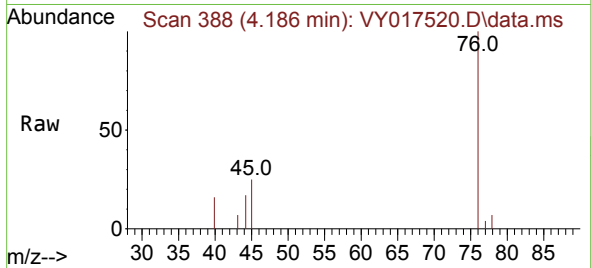




#17
Carbon Disulfide
Concen: 1.222 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY017520.D
Acq: 28 Feb 2024 14:49

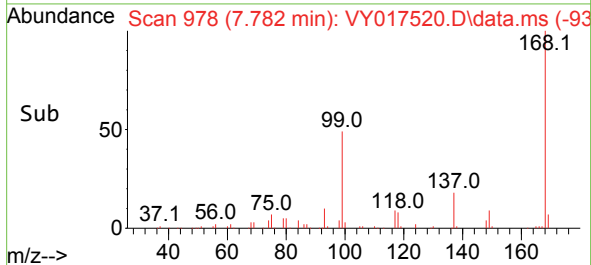
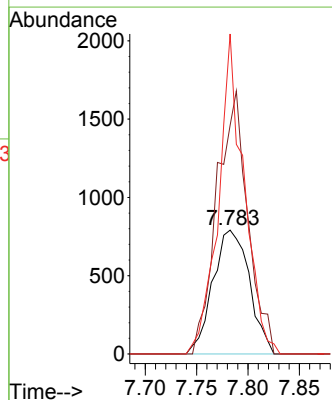
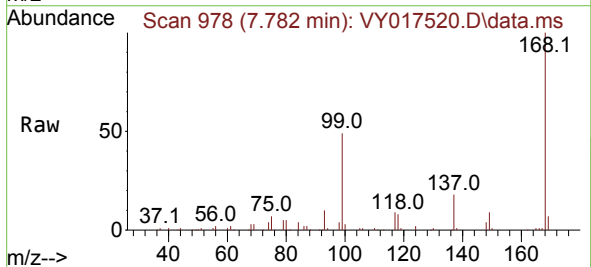
Instrument :
MSVOA_Y
ClientSampleId :
196-BAY-AVENUE

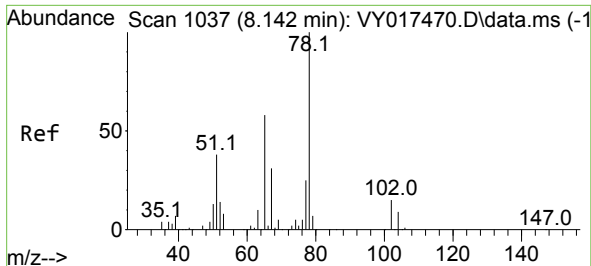
Tgt Ion: 76 Resp: 3796
Ion Ratio Lower Upper
76 100
78 7.5 6.8 10.2



#31
Cyclohexane
Concen: 1.156 ug/l
RT: 7.782 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY017520.D
Acq: 28 Feb 2024 14:49

Tgt Ion: 56 Resp: 1953
Ion Ratio Lower Upper
56 100
69 184.7 28.7 43.1#
84 258.4 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 51.894 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY017520.D

Acq: 28 Feb 2024 14:49

Instrument :

MSVOA_Y

ClientSampleId :

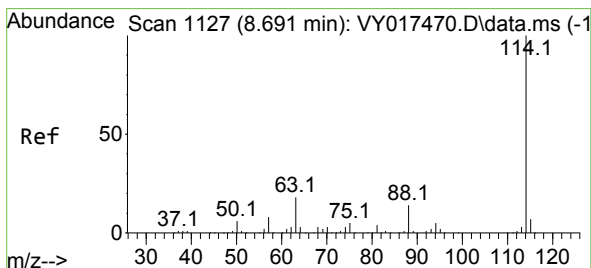
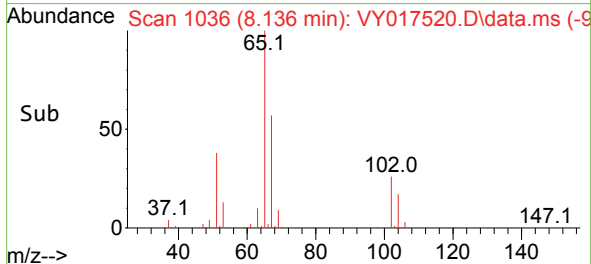
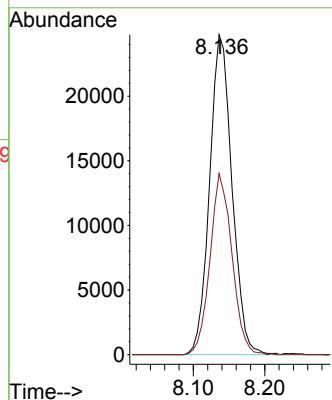
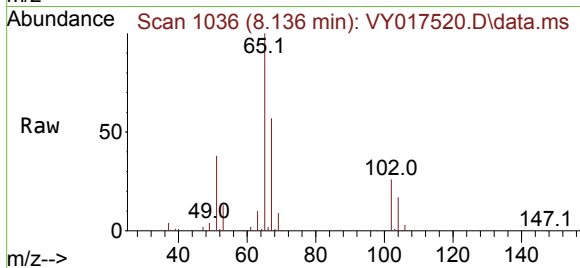
196-BAY-AVENUE

Tgt Ion: 65 Resp: 53894

Ion Ratio Lower Upper

65 100

67 55.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY017520.D

Acq: 28 Feb 2024 14:49

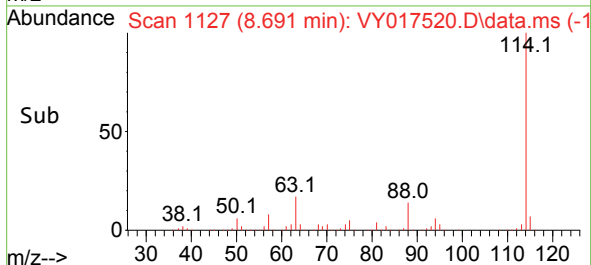
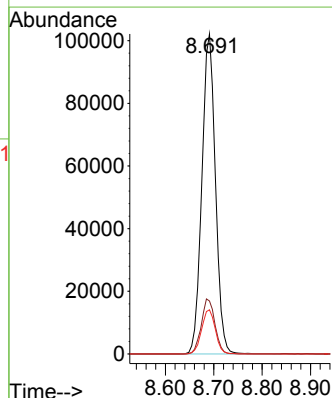
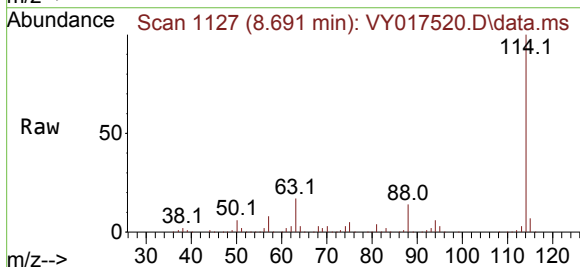
Tgt Ion: 114 Resp: 198981

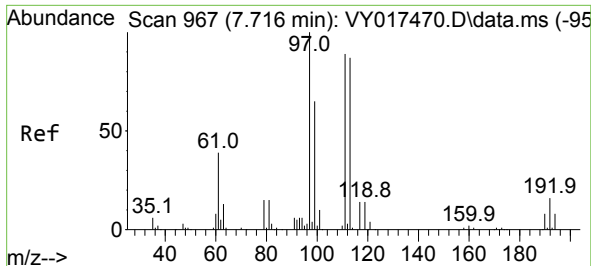
Ion Ratio Lower Upper

114 100

63 16.6 0.0 35.0

88 13.8 0.0 27.2

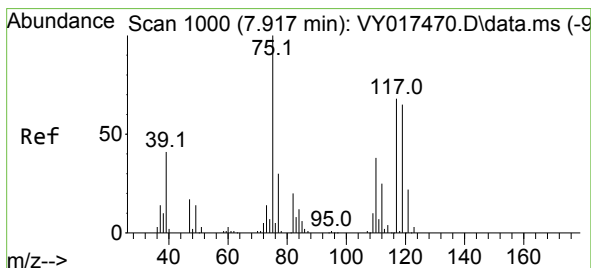
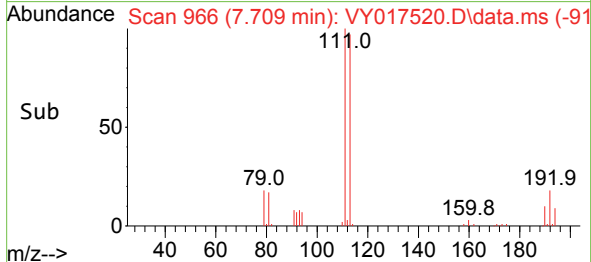
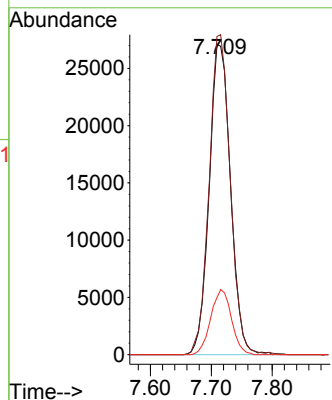
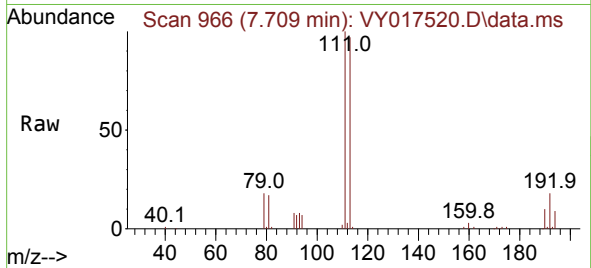




#35
Dibromofluoromethane
Concen: 47.575 ug/l
RT: 7.709 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY017520.D
Acq: 28 Feb 2024 14:49

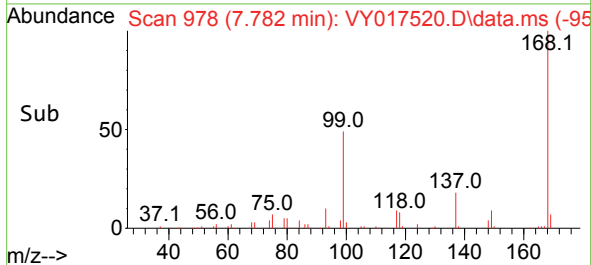
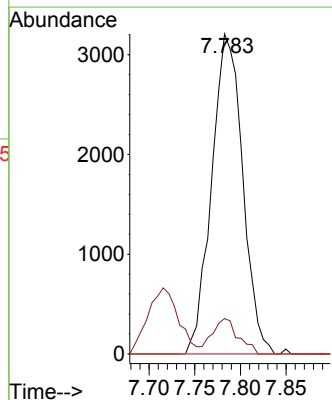
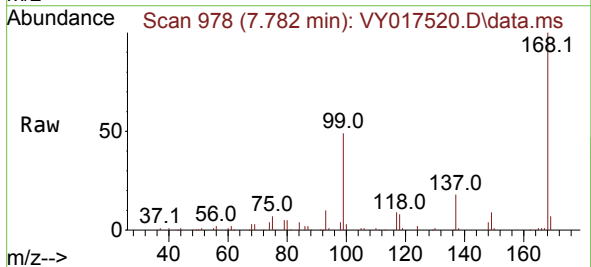
Instrument :
MSVOA_Y
ClientSampleId :
196-BAY-AVENUE

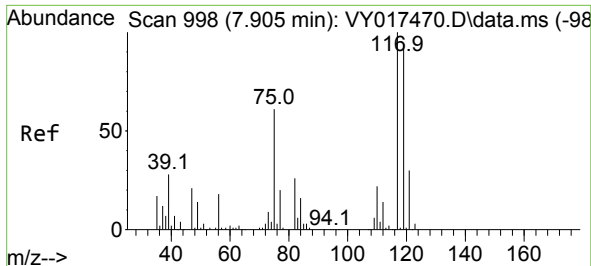
Tgt Ion:113 Resp: 65965
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 20.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.043 ug/l
RT: 7.782 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY017520.D
Acq: 28 Feb 2024 14:49

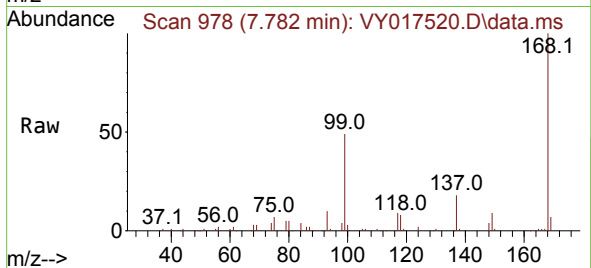
Tgt Ion: 75 Resp: 7563
Ion Ratio Lower Upper
75 100
110 9.5 19.0 57.0#
77 0.0 25.3 37.9#



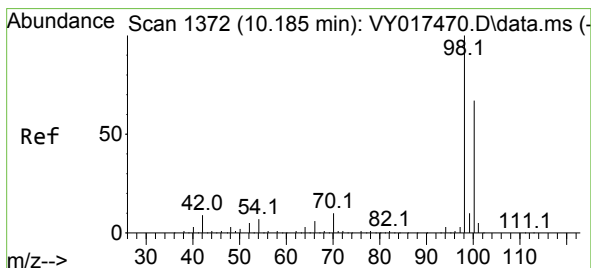
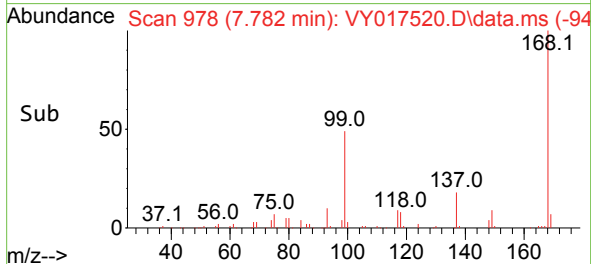
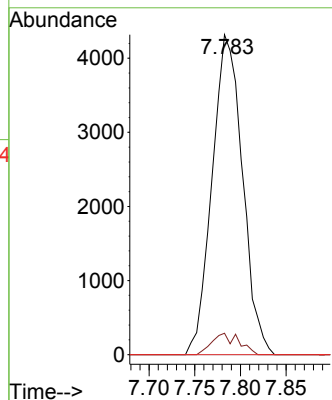


#38
Carbon Tetrachloride
Concen: 5.325 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY017520.D
Acq: 28 Feb 2024 14:49

Instrument :
MSVOA_Y
ClientSampleId :
196-BAY-AVENUE

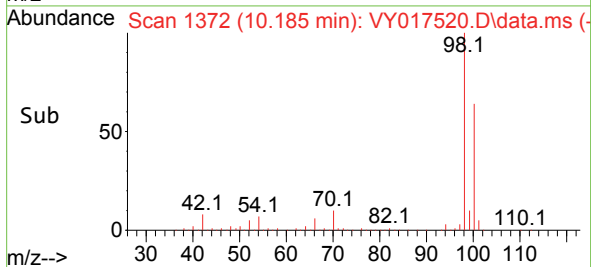
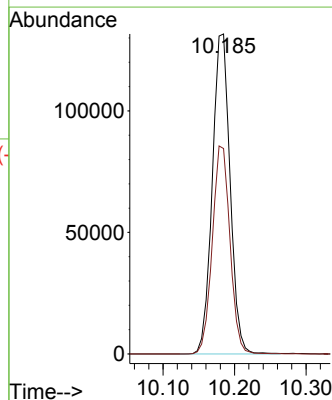
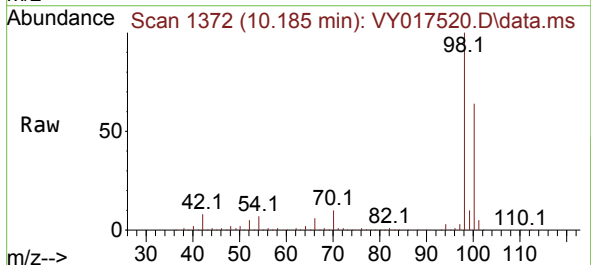


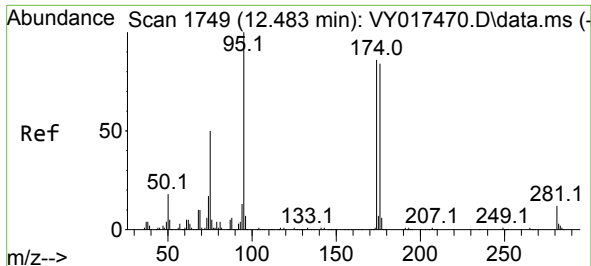
Tgt Ion:117 Resp: 9984
Ion Ratio Lower Upper
117 100
119 6.7 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 46.918 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY017520.D
Acq: 28 Feb 2024 14:49

Tgt Ion: 98 Resp: 227456
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0

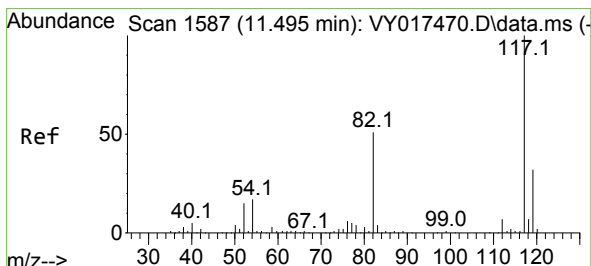
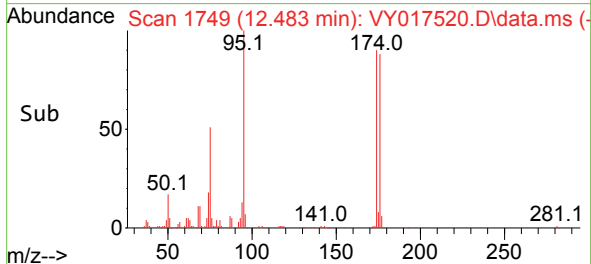
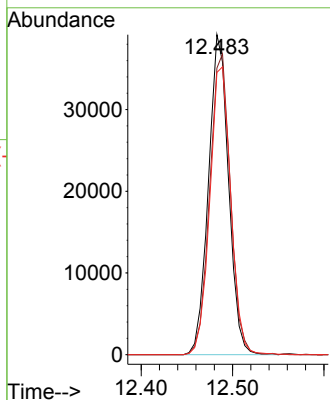
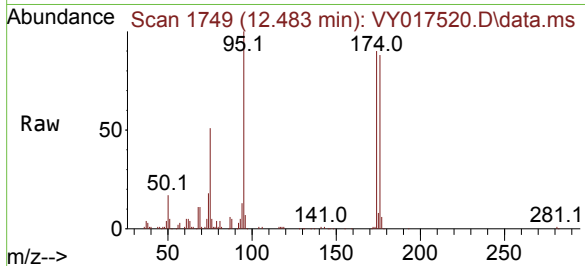




#62
4-Bromofluorobenzene
Concen: 39.184 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY017520.D
Acq: 28 Feb 2024 14:49

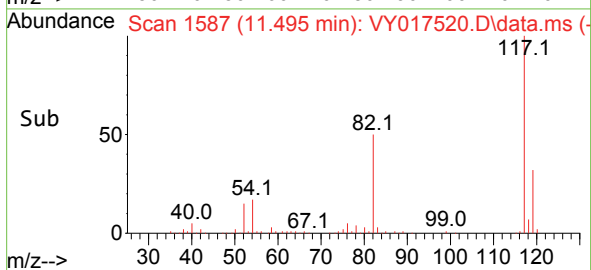
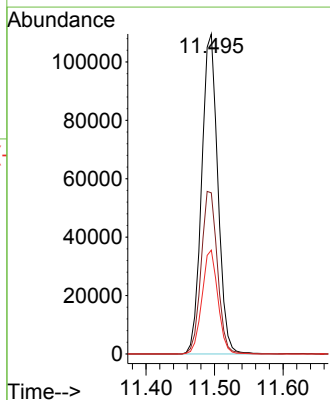
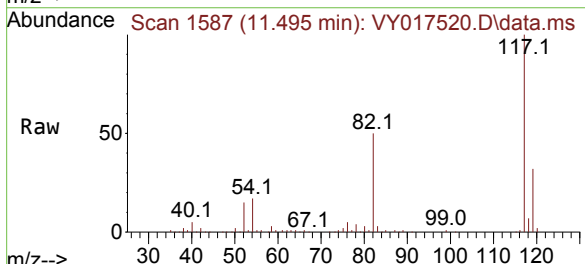
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ClientSampleId :
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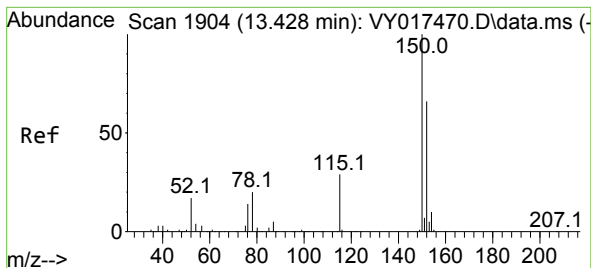
Tgt Ion: 95 Resp: 59700
Ion Ratio Lower Upper
95 100
174 97.0 0.0 175.6
176 94.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY017520.D
Acq: 28 Feb 2024 14:49

Tgt Ion: 117 Resp: 180137
Ion Ratio Lower Upper
117 100
82 50.4 42.4 63.6
119 32.4 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY017520.D

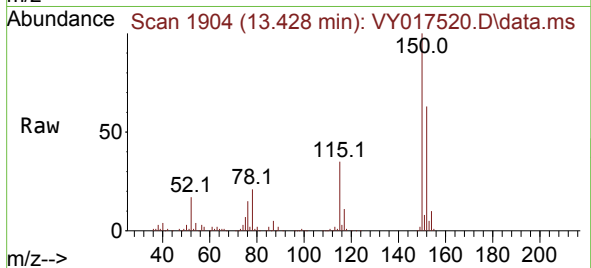
Acq: 28 Feb 2024 14:49

Instrument :

MSVOA_Y

ClientSampleId :

196-BAY-AVENUE



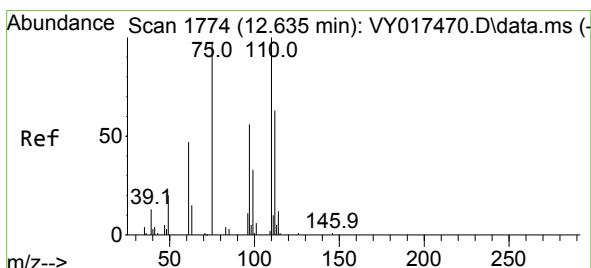
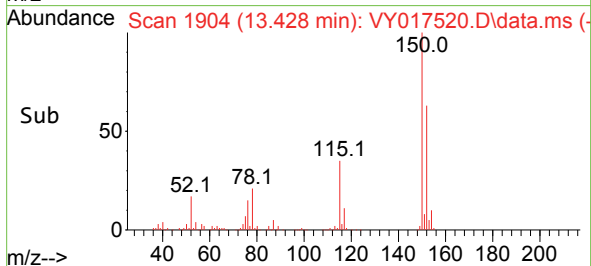
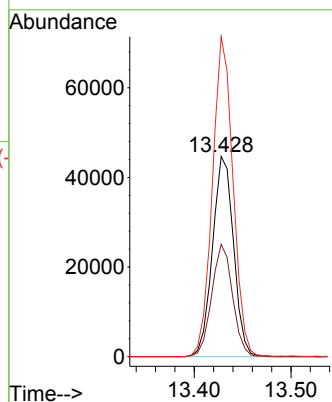
Tgt Ion:152 Resp: 67648

Ion Ratio Lower Upper

152 100

115 55.5 28.2 84.7

150 156.5 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 46.464 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.153 min

Lab File: VY017520.D

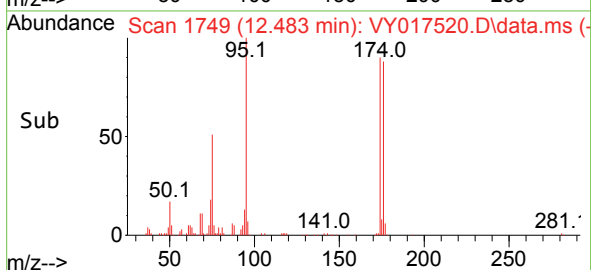
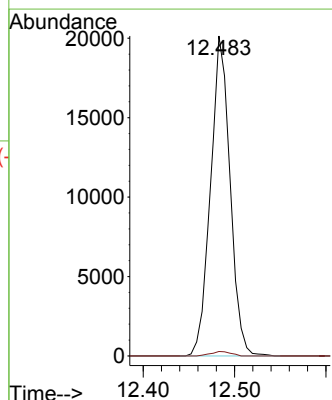
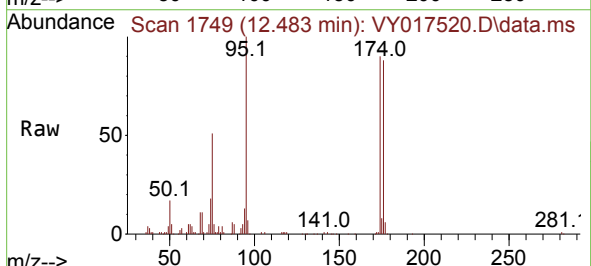
Acq: 28 Feb 2024 14:49

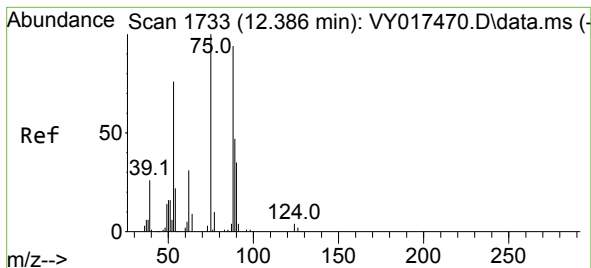
Tgt Ion: 75 Resp: 29865

Ion Ratio Lower Upper

75 100

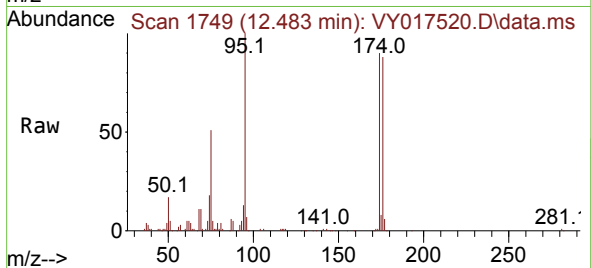
77 1.4 0.0 0.0#



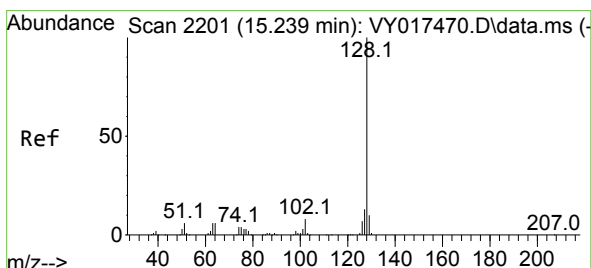
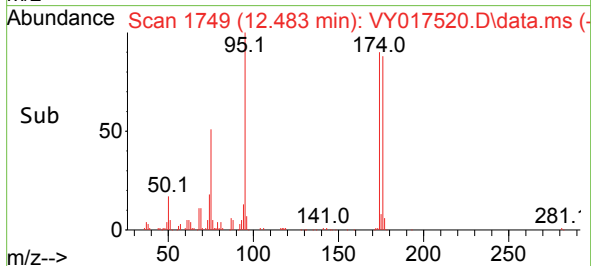
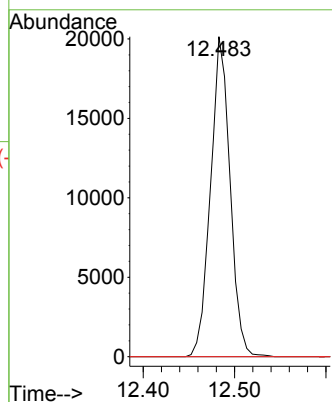


#81
trans-1,4-Dichloro-2-butene
Concen: 106.763 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY017520.D
Acq: 28 Feb 2024 14:49

Instrument :
MSVOA_Y
ClientSampleId :
196-BAY-AVENUE



Tgt Ion: 75 Resp: 29865
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 4.005 ug/l
RT: 15.251 min Scan# 2203
Delta R.T. 0.012 min
Lab File: VY017520.D
Acq: 28 Feb 2024 14:49

Tgt Ion: 128 Resp: 209
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#

