

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022824\
 Data File : VY017517.D
 Acq On : 28 Feb 2024 13:37
 Operator : SY/MD
 Sample : P1616-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 196-BAY-AVENUE

Quant Time: Feb 28 23:12:57 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)

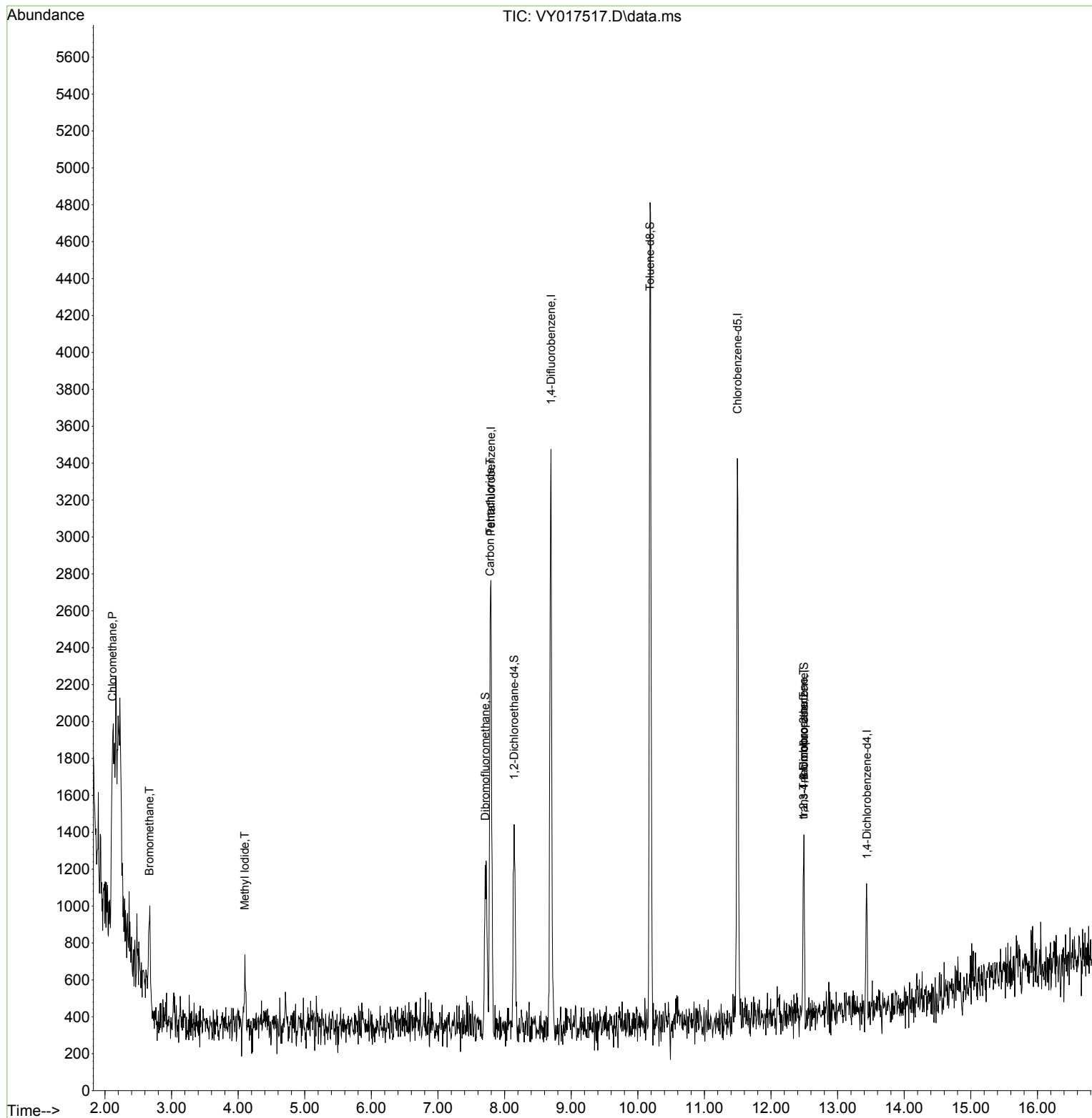
Internal Standards						
1) Pentafluorobenzene	7.795	168	2479	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	3465	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	2269	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	322	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	1068	45.458	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.920%
35) Dibromofluoromethane	7.710	113	924	38.268	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	76.540%
50) Toluene-d8	10.185	98	3709	43.935	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.860%
62) 4-Bromofluorobenzene	12.495	95	434	16.358	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	32.720%
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	224	6.704	ug/l	93
5) Bromomethane	2.668	94	210	6.012	ug/l	83
10) Methyl Iodide	4.101	142	426	15.106	ug/l #	48
20) Methylene Chloride	4.710	84	55	Below Cal	#	61
38) Carbon Tetrachloride	7.783	117	206	6.309	ug/l #	13
76) 1,2,3-Trichloropropane	12.489	75	226	73.869	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	226	169.733	ug/l #	16

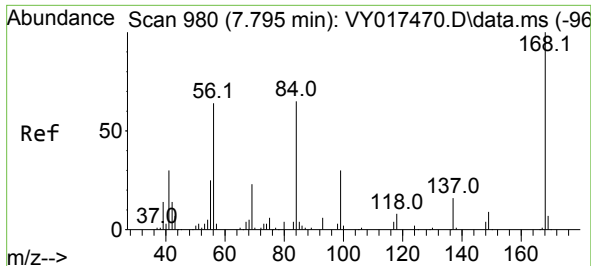
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022824\
Data File : VY017517.D
Acq On : 28 Feb 2024 13:37
Operator : SY/MD
Sample : P1616-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
196-BAY-AVENUE

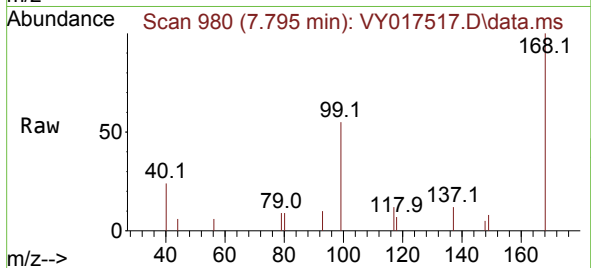
Quant Time: Feb 28 23:12:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
Response via : Initial Calibration



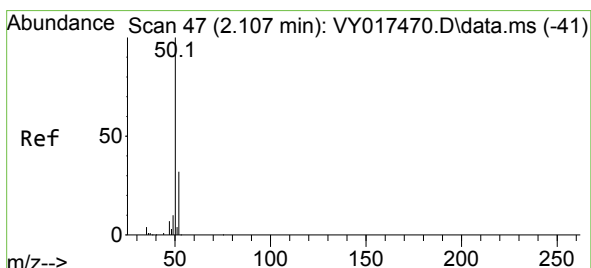
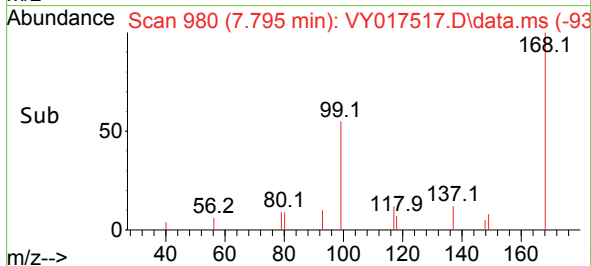
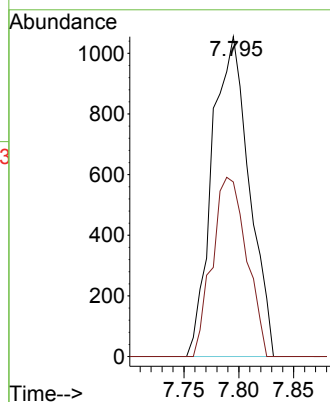


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017517.D
Acq: 28 Feb 2024 13:37

Instrument :
MSVOA_Y
ClientSampleId :
196-BAY-AVENUE

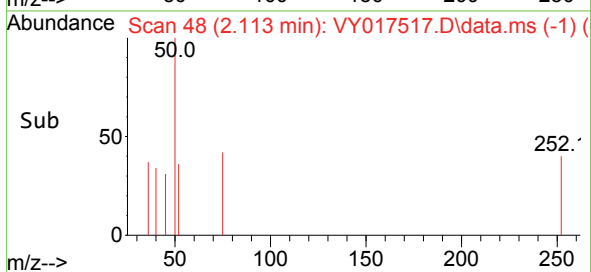
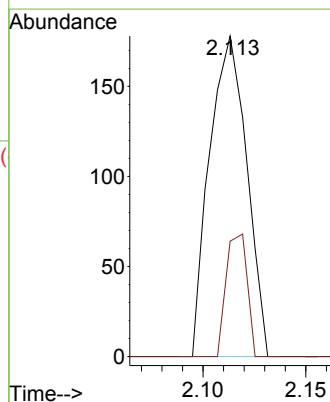
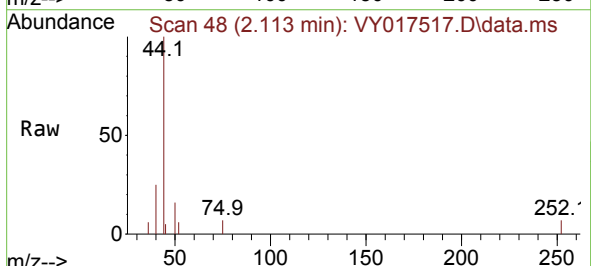


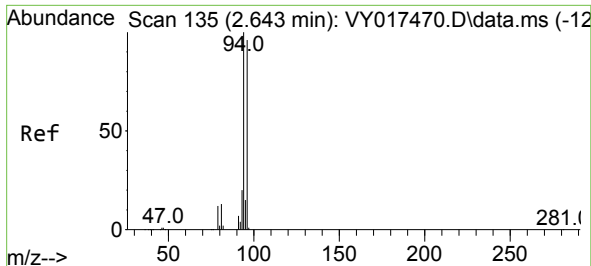
Tgt Ion:168 Resp: 2479
Ion Ratio Lower Upper
168 100
99 54.6 39.1 58.7



#3
Chloromethane
Concen: 6.704 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY017517.D
Acq: 28 Feb 2024 13:37

Tgt Ion: 50 Resp: 224
Ion Ratio Lower Upper
50 100
52 36.0 25.6 38.4

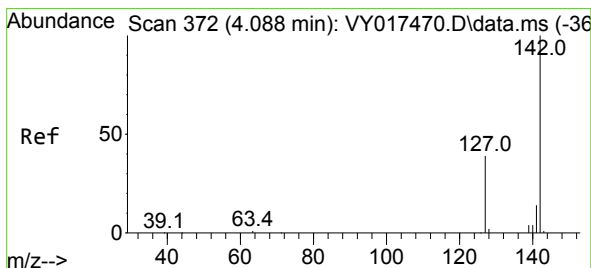
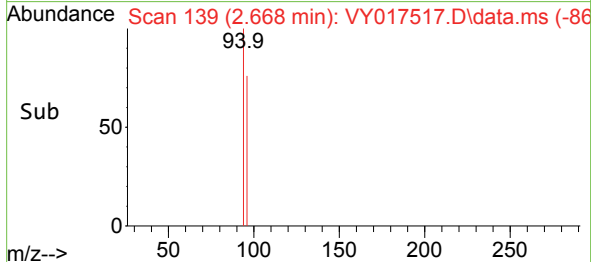
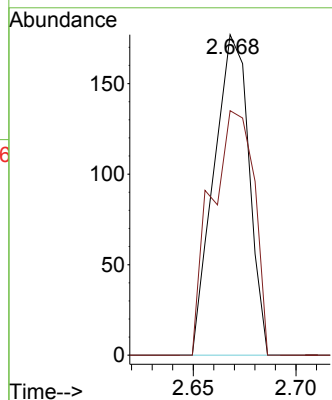
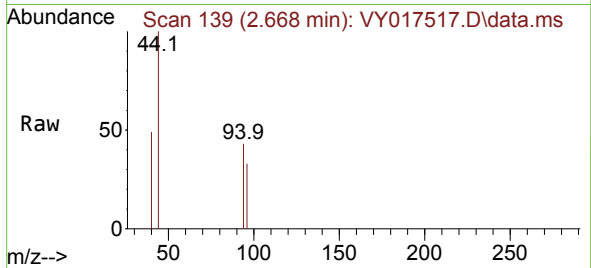




#5
Bromomethane
Concen: 6.012 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.025 min
Lab File: VY017517.D
Acq: 28 Feb 2024 13:37

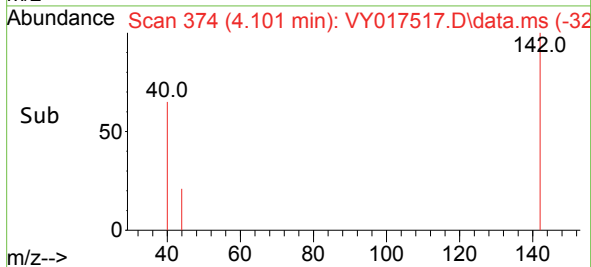
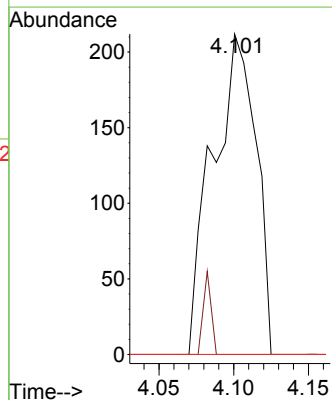
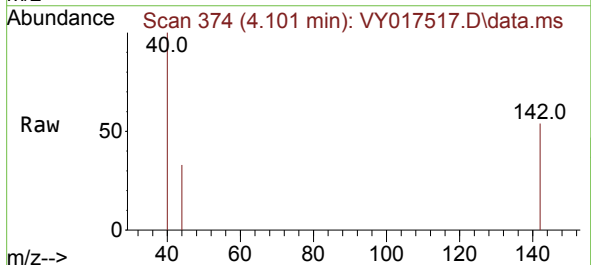
Instrument :
MSVOA_Y
ClientSampleId :
196-BAY-AVENUE

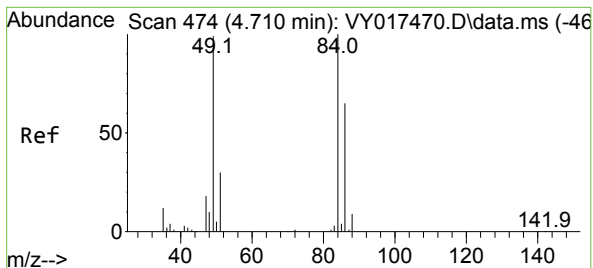
Tgt Ion: 94 Resp: 210
Ion Ratio Lower Upper
94 100
96 76.3 74.1 111.1



#10
Methyl Iodide
Concen: 15.106 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.012 min
Lab File: VY017517.D
Acq: 28 Feb 2024 13:37

Tgt Ion: 142 Resp: 426
Ion Ratio Lower Upper
142 100
127 4.7 32.8 49.2#
141 0.0 11.4 17.2#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.710 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY017517.D

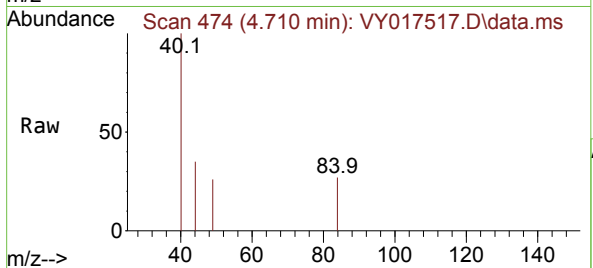
Acq: 28 Feb 2024 13:37

Instrument :

MSVOA_Y

ClientSampleId :

196-BAY-AVENUE



Tgt Ion: 84 Resp: 55

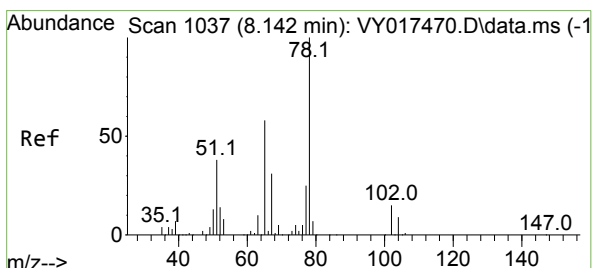
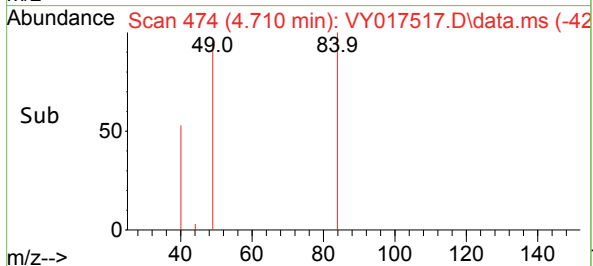
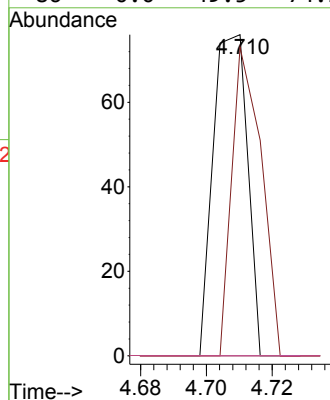
Ion Ratio Lower Upper

84 100

49 96.1 84.4 126.6

51 0.0 26.0 39.0#

86 0.0 49.5 74.3#



#33

1,2-Dichloroethane-d4

Concen: 45.458 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY017517.D

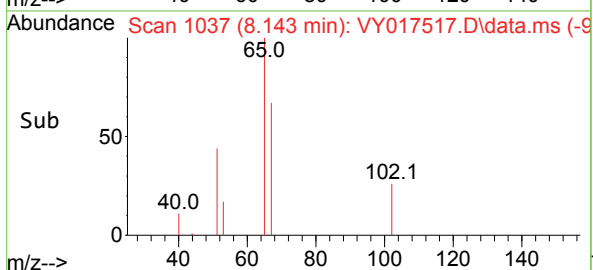
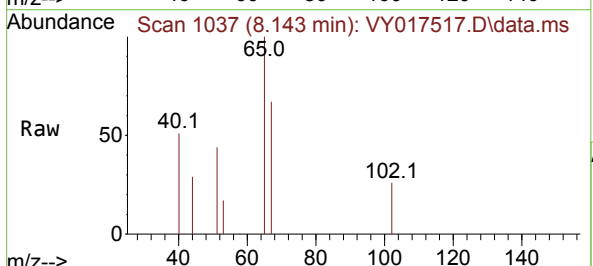
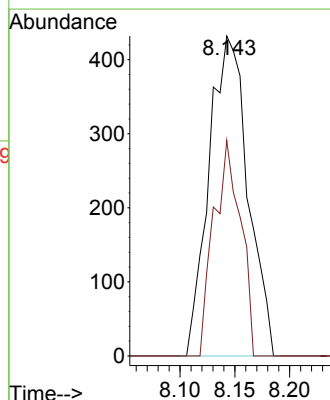
Acq: 28 Feb 2024 13:37

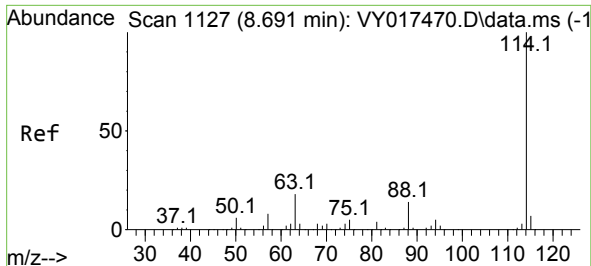
Tgt Ion: 65 Resp: 1068

Ion Ratio Lower Upper

65 100

67 46.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY017517.D

Acq: 28 Feb 2024 13:37

Instrument :

MSVOA_Y

ClientSampleId :

196-BAY-AVENUE

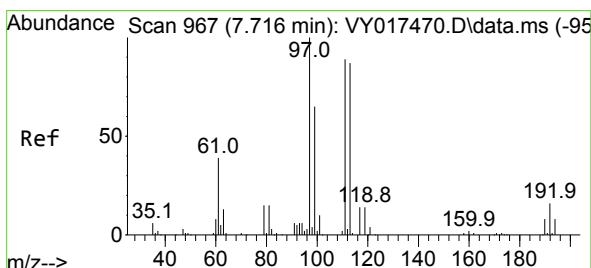
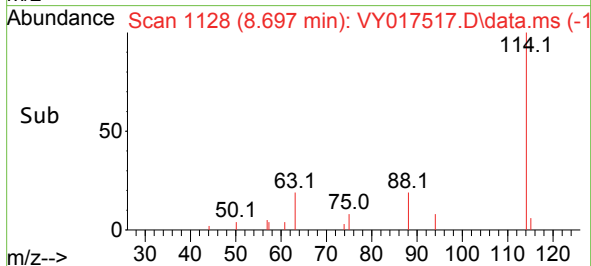
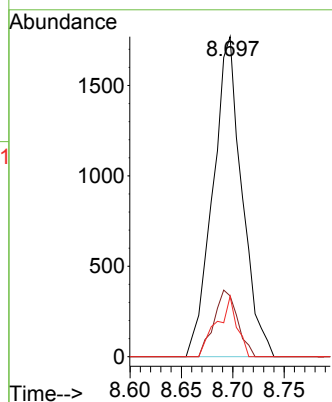
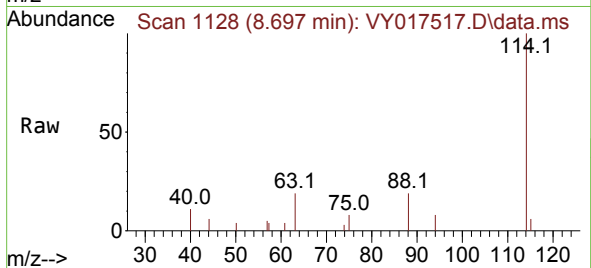
Tgt Ion:114 Resp: 3465

Ion Ratio Lower Upper

114 100

63 19.0 0.0 35.0

88 18.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 38.268 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY017517.D

Acq: 28 Feb 2024 13:37

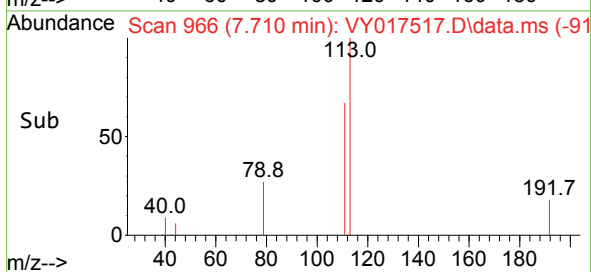
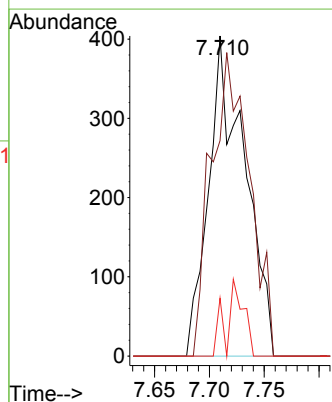
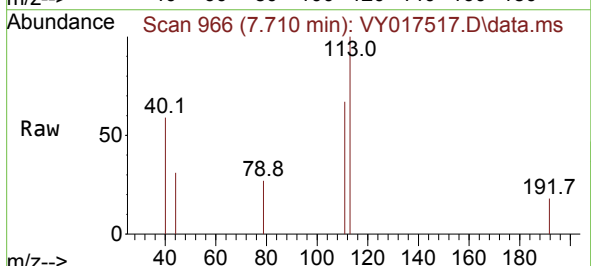
Tgt Ion:113 Resp: 924

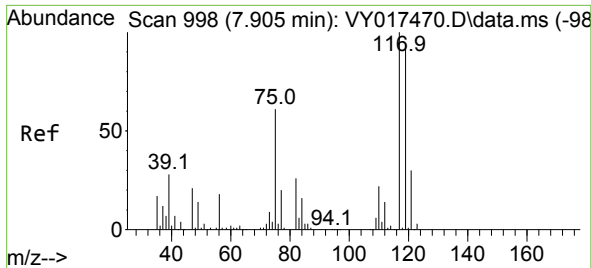
Ion Ratio Lower Upper

113 100

111 100.9 82.2 123.4

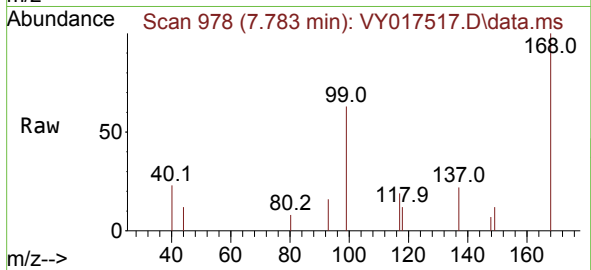
192 11.5 15.9 23.9#



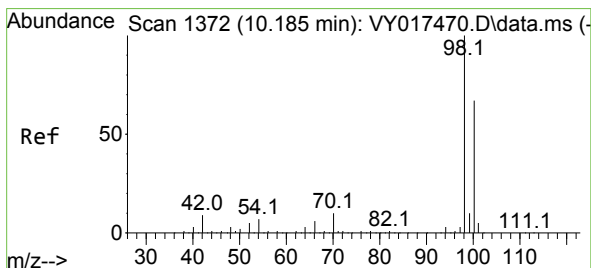
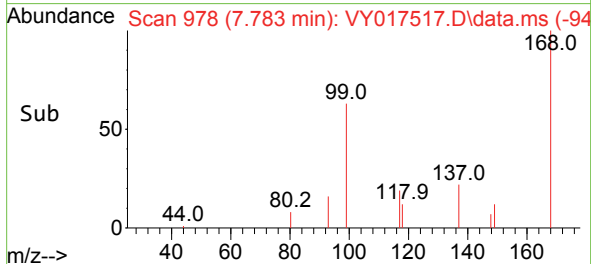
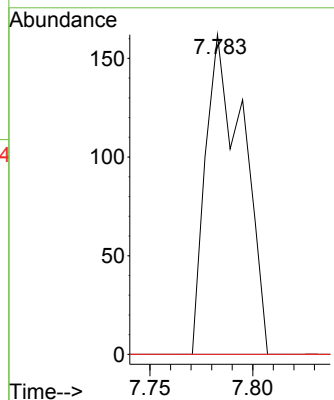


#38
Carbon Tetrachloride
Concen: 6.309 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY017517.D
Acq: 28 Feb 2024 13:37

Instrument :
MSVOA_Y
ClientSampleId :
196-BAY-AVENUE

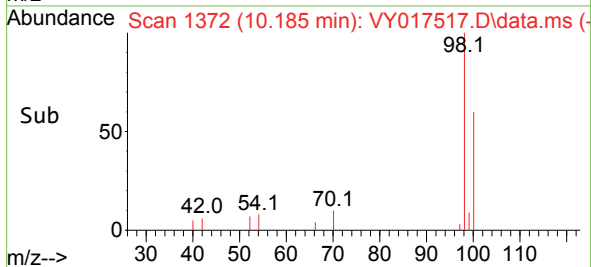
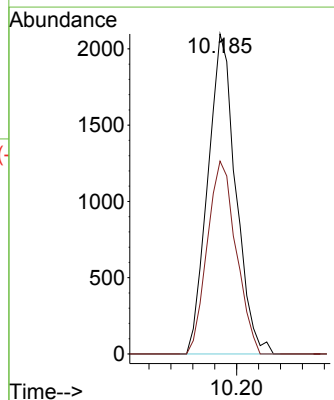
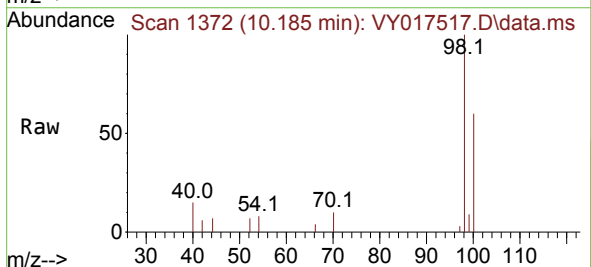


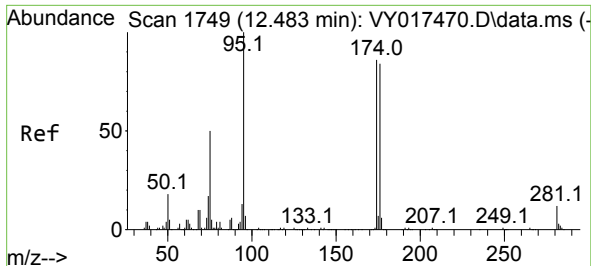
Tgt Ion:117 Resp: 206
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 43.935 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017517.D
Acq: 28 Feb 2024 13:37

Tgt Ion: 98 Resp: 3709
Ion Ratio Lower Upper
98 100
100 62.2 52.0 78.0

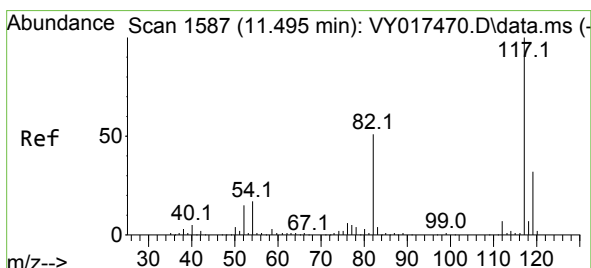
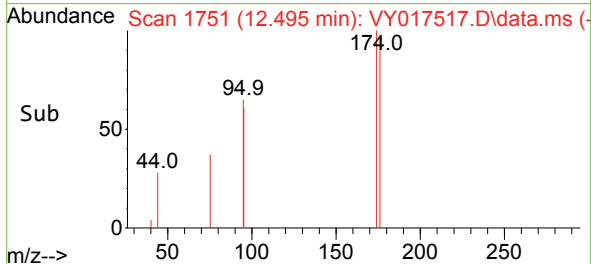
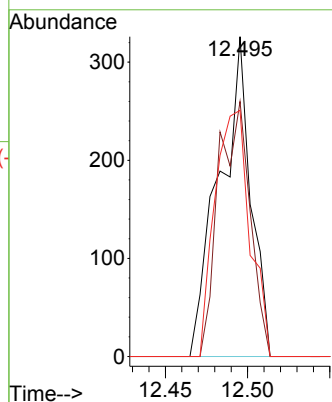
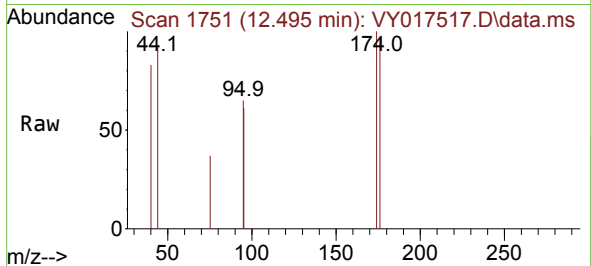




#62
4-Bromofluorobenzene
Concen: 16.358 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.012 min
Lab File: VY017517.D
Acq: 28 Feb 2024 13:37

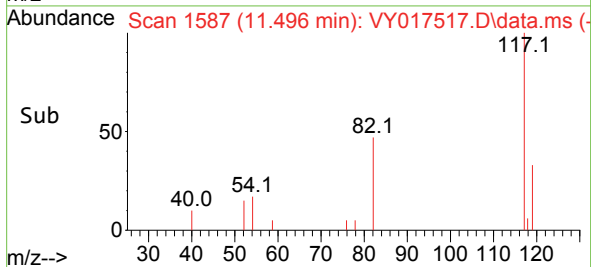
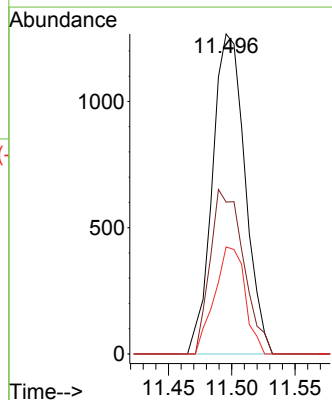
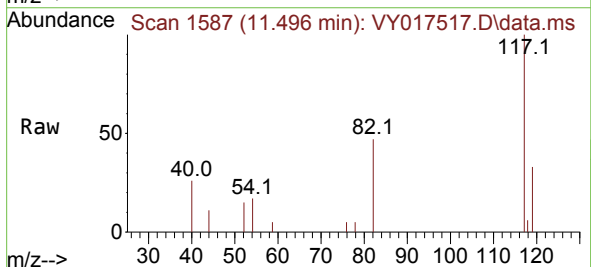
Instrument :
MSVOA_Y
ClientSampleId :
196-BAY-AVENUE

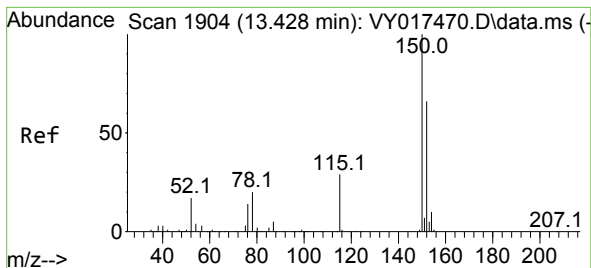
Tgt Ion: 95 Resp: 434
Ion Ratio Lower Upper
95 100
174 79.7 0.0 175.6
176 85.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY017517.D
Acq: 28 Feb 2024 13:37

Tgt Ion: 117 Resp: 2269
Ion Ratio Lower Upper
117 100
82 47.4 42.4 63.6
119 33.5 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.012 min

Lab File: VY017517.D

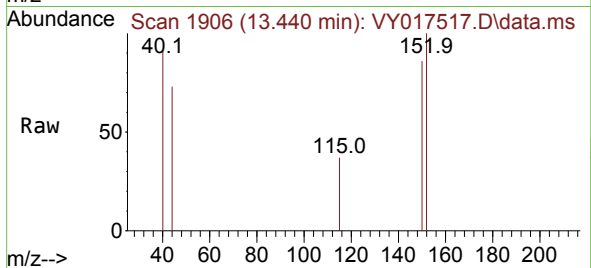
Acq: 28 Feb 2024 13:37

Instrument :

MSVOA_Y

ClientSampleId :

196-BAY-AVENUE



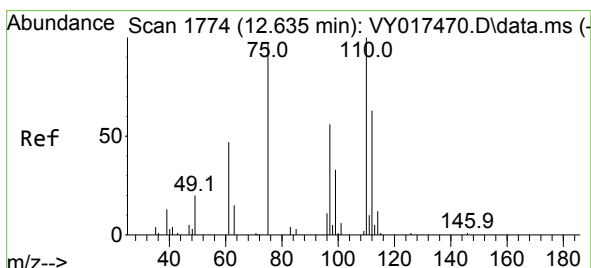
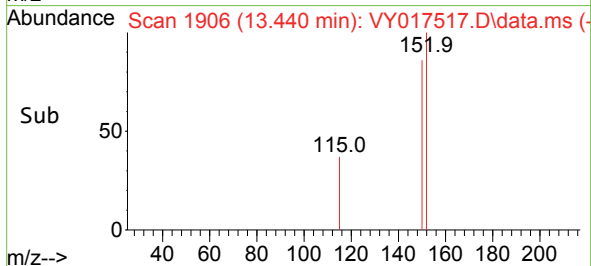
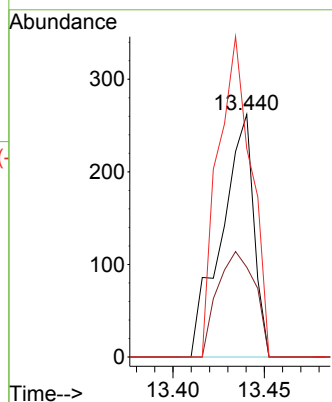
Tgt Ion:152 Resp: 322

Ion Ratio Lower Upper

152 100

115 50.3 28.2 84.7

150 136.3 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 73.869 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.146 min

Lab File: VY017517.D

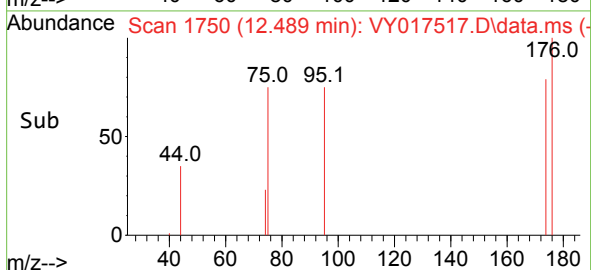
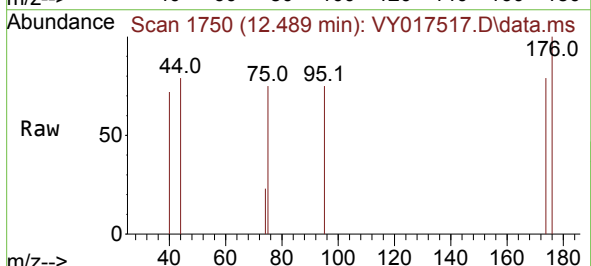
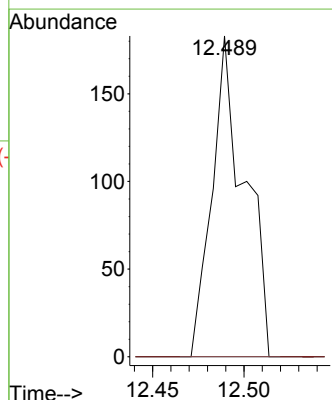
Acq: 28 Feb 2024 13:37

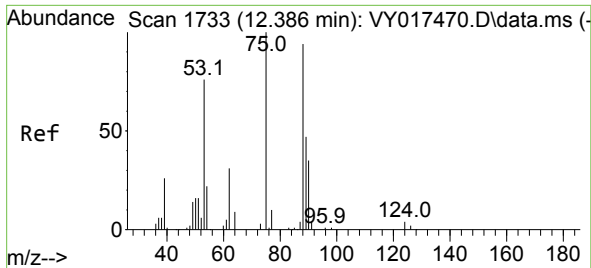
Tgt Ion: 75 Resp: 226

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 169.733 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY017517.D
 Acq: 28 Feb 2024 13:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 196-BAY-AVENUE

Tgt Ion: 75 Resp: 226
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

