

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022824\
 Data File : VY017518.D
 Acq On : 28 Feb 2024 14:01
 Operator : SY/MD
 Sample : P1616-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 146-BAY-AVENUE

Quant Time: Feb 28 23:13:18 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)

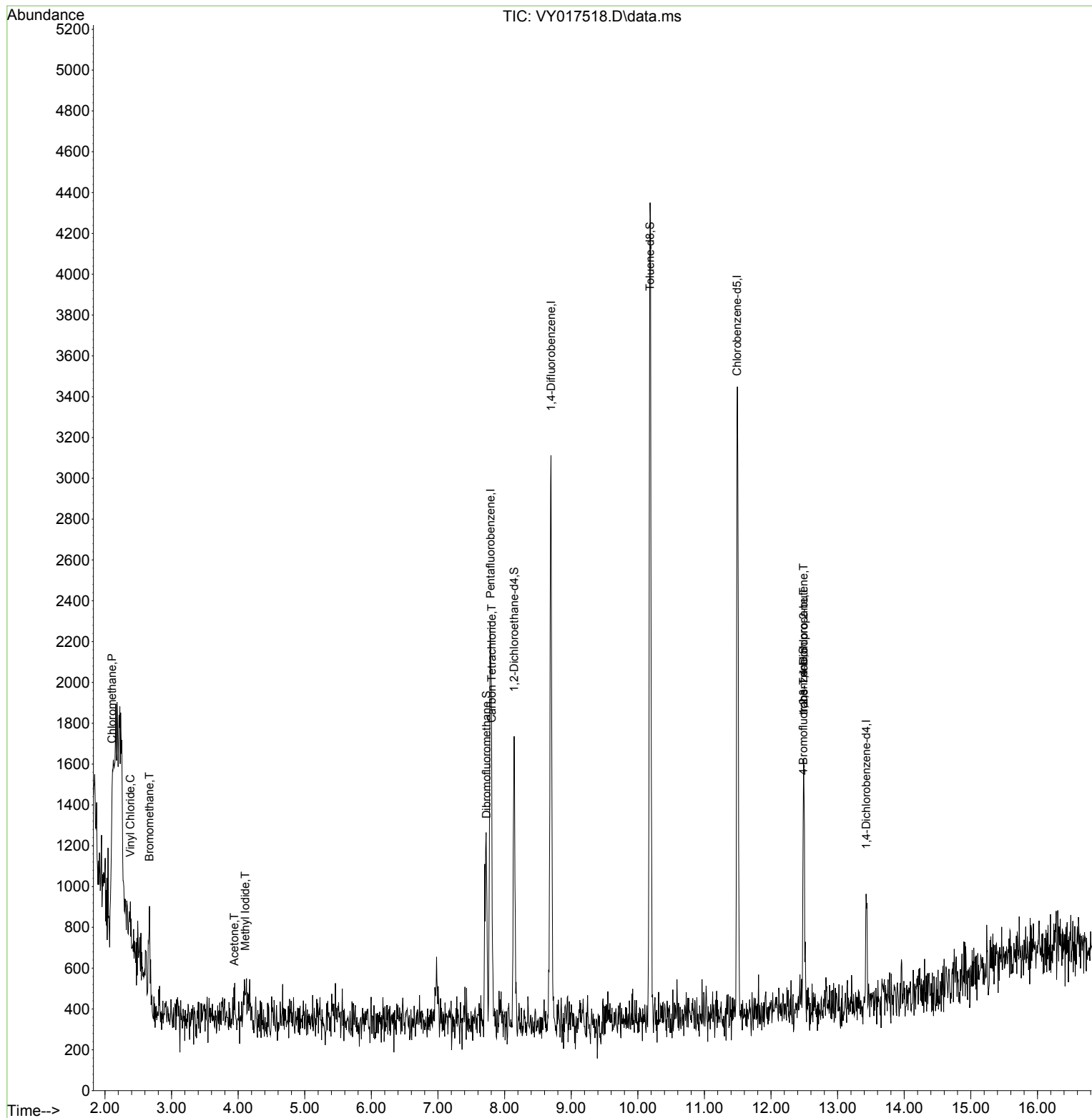
Internal Standards						
1) Pentafluorobenzene	7.789	168	2332	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	3189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	2337	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	263	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	1124	50.857	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.720%
35) Dibromofluoromethane	7.728	113	817	36.765	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	73.540%
50) Toluene-d8	10.185	98	3352	43.142	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.280%
62) 4-Bromofluorobenzene	12.483	95	429	17.569	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	35.140%
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	138	4.391	ug/l	# 43
4) Vinyl Chloride	2.381	62	48	1.190	ug/l	# 42
5) Bromomethane	2.668	94	181	5.508	ug/l	# 42
10) Methyl Iodide	4.107	142	379	14.287	ug/l	# 42
16) Acetone	3.942	43	84	19.595	ug/l	# 36
20) Methylene Chloride	4.698	84	18	Below Cal		# 12
38) Carbon Tetrachloride	7.807	117	69	2.296	ug/l	# 13
76) 1,2,3-Trichloropropane	12.489	75	218	87.238	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.489	75	218	200.454	ug/l	# 16

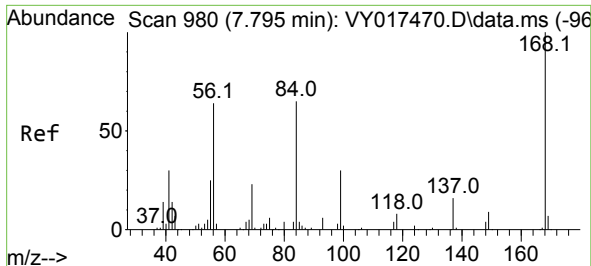
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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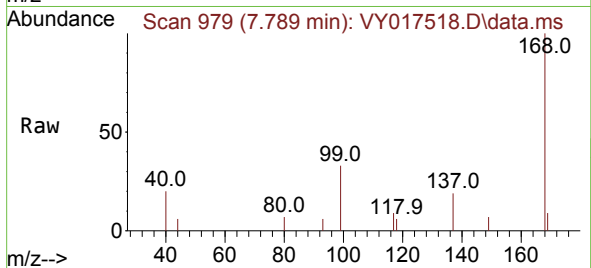
Quant Time: Feb 28 23:13:18 2024
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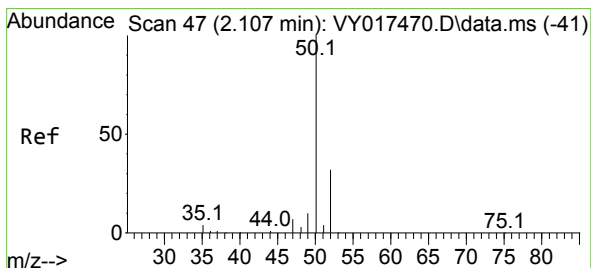
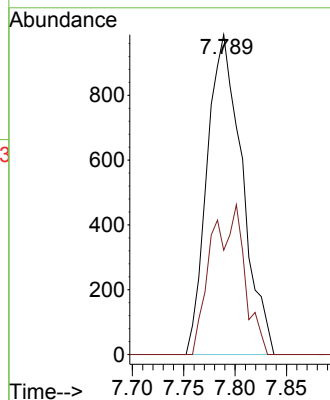
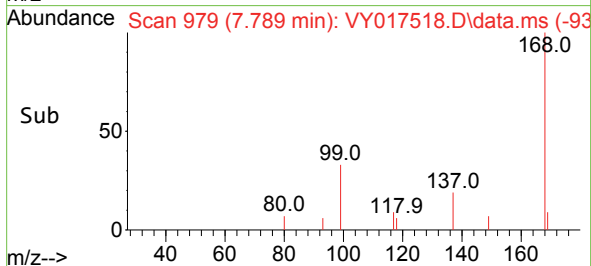


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017518.D
Acq: 28 Feb 2024 14:01

Instrument :
MSVOA_Y
ClientSampleId :
146-BAY-AVENUE

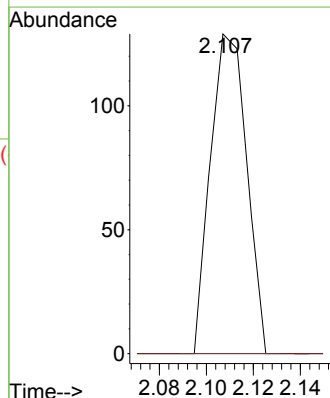
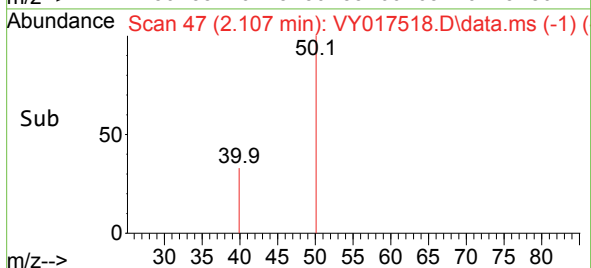
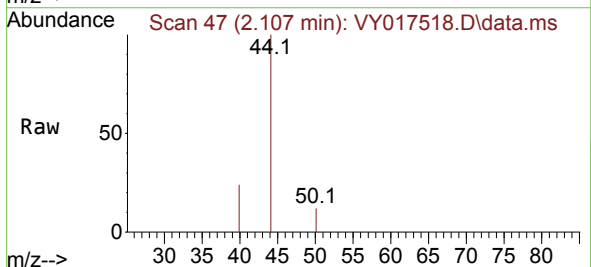


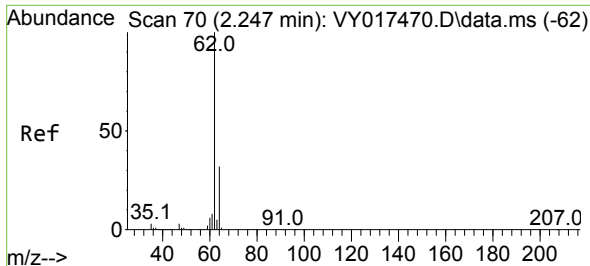
Tgt Ion:168 Resp: 2332
Ion Ratio Lower Upper
168 100
99 32.6 39.1 58.7#



#3
Chloromethane
Concen: 4.391 ug/l
RT: 2.107 min Scan# 47
Delta R.T. 0.000 min
Lab File: VY017518.D
Acq: 28 Feb 2024 14:01

Tgt Ion: 50 Resp: 138
Ion Ratio Lower Upper
50 100
52 0.0 25.6 38.4#

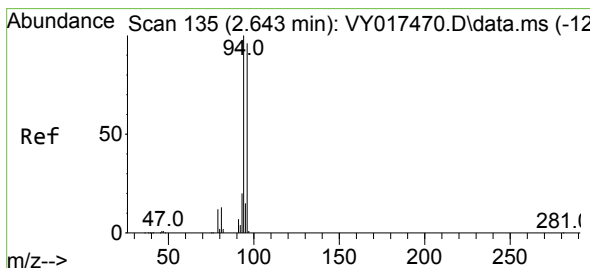
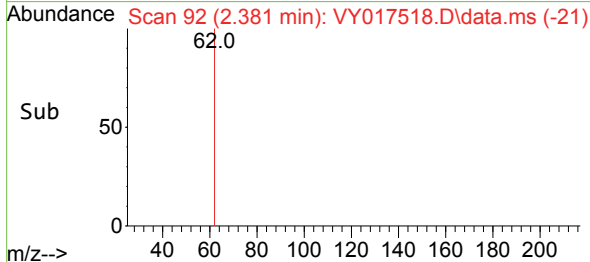
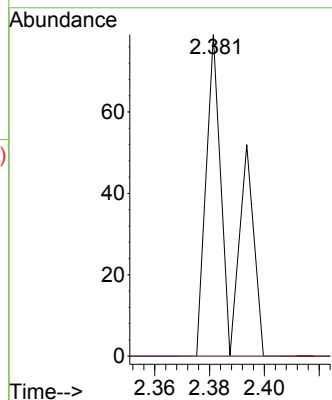
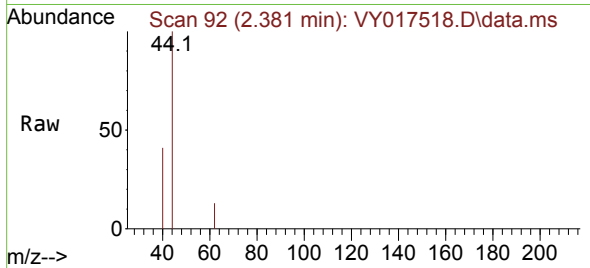




#4
 Vinyl Chloride
 Concen: 1.190 ug/l
 RT: 2.381 min Scan# 91
 Delta R.T. 0.134 min
 Lab File: VY017518.D
 Acq: 28 Feb 2024 14:01

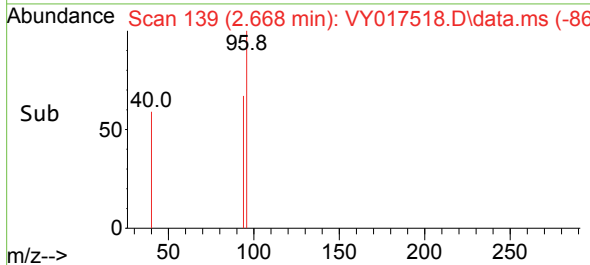
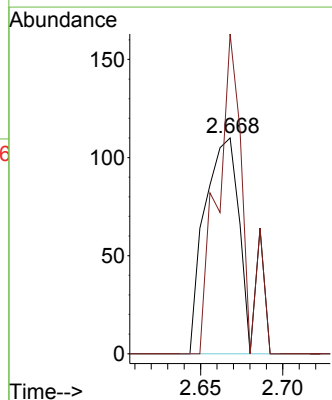
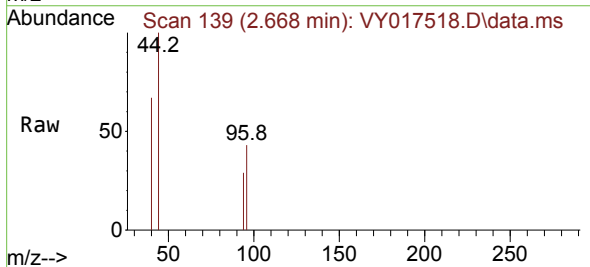
Instrument :
 MSVOA_Y
 ClientSampleId :
 146-BAY-AVENUE

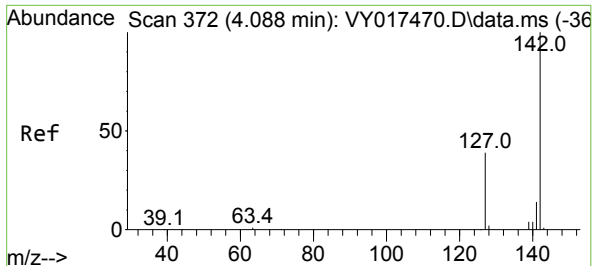
Tgt Ion: 62 Resp: 48
 Ion Ratio Lower Upper
 62 100
 64 0.0 26.1 39.1#



#5
 Bromomethane
 Concen: 5.508 ug/l
 RT: 2.668 min Scan# 139
 Delta R.T. 0.025 min
 Lab File: VY017518.D
 Acq: 28 Feb 2024 14:01

Tgt Ion: 94 Resp: 181
 Ion Ratio Lower Upper
 94 100
 96 148.2 74.1 111.1#

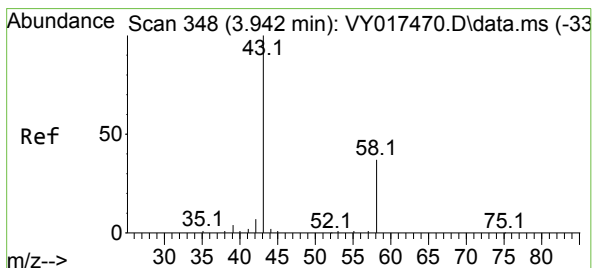
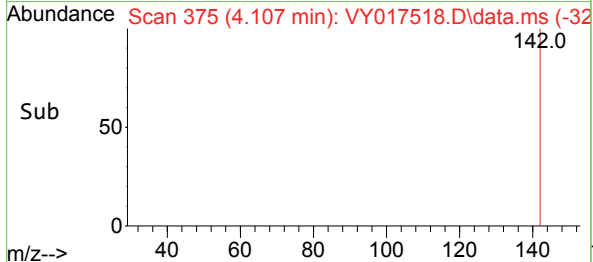
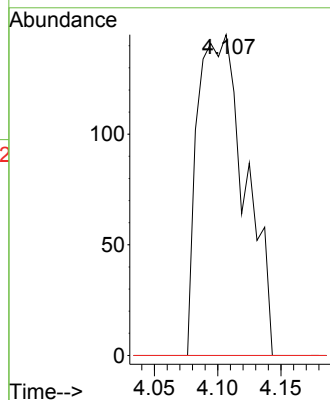
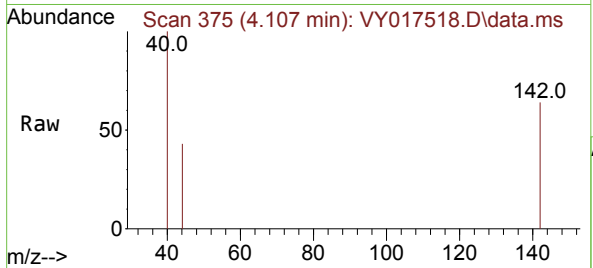




#10
Methyl Iodide
Concen: 14.287 ug/l
RT: 4.107 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY017518.D
Acq: 28 Feb 2024 14:01

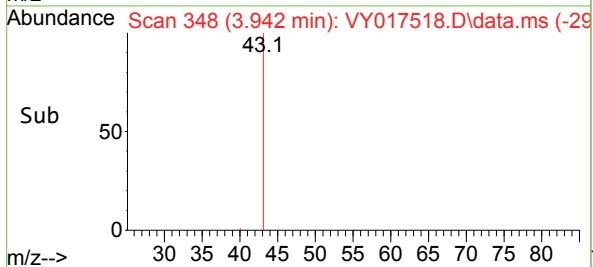
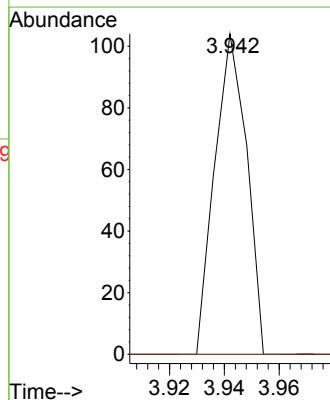
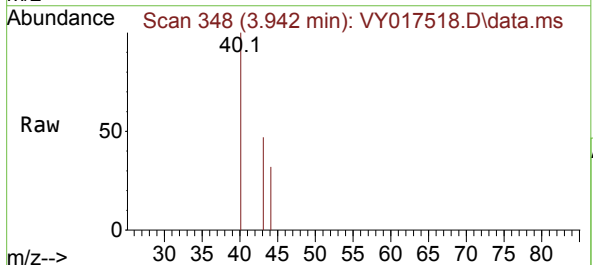
Instrument :
MSVOA_Y
ClientSampleId :
146-BAY-AVENUE

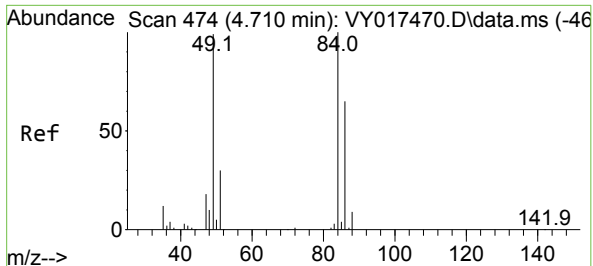
Tgt Ion:142 Resp: 379
Ion Ratio Lower Upper
142 100
127 0.0 32.8 49.2#
141 0.0 11.4 17.2#



#16
Acetone
Concen: 19.595 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY017518.D
Acq: 28 Feb 2024 14:01

Tgt Ion: 43 Resp: 84
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.698 min Scan# 41

Delta R.T. -0.012 min

Lab File: VY017518.D

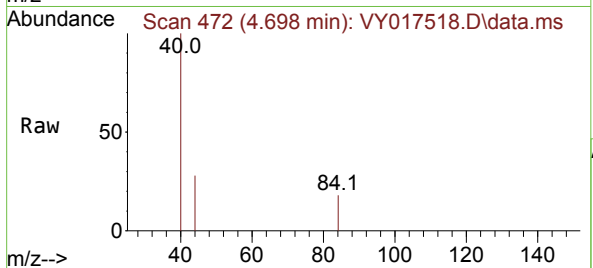
Acq: 28 Feb 2024 14:01

Instrument :

MSVOA_Y

ClientSampleId :

146-BAY-AVENUE



Tgt Ion: 84 Resp: 18

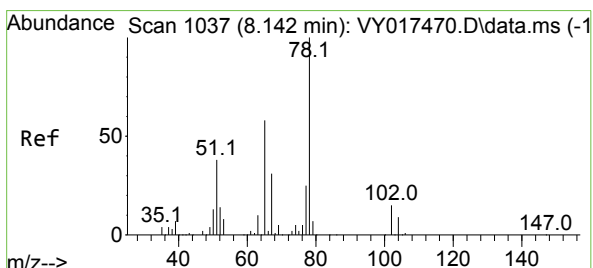
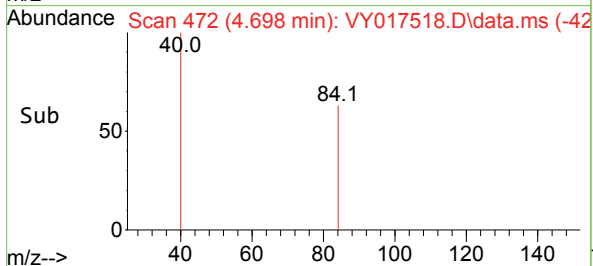
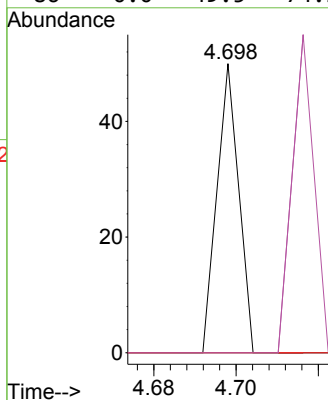
Ion Ratio Lower Upper

84 100

49 0.0 84.4 126.6#

51 0.0 26.0 39.0#

86 0.0 49.5 74.3#



#33

1,2-Dichloroethane-d4

Concen: 50.857 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY017518.D

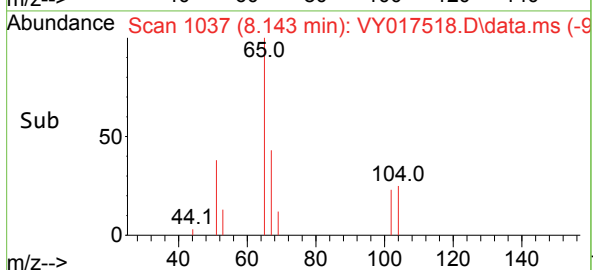
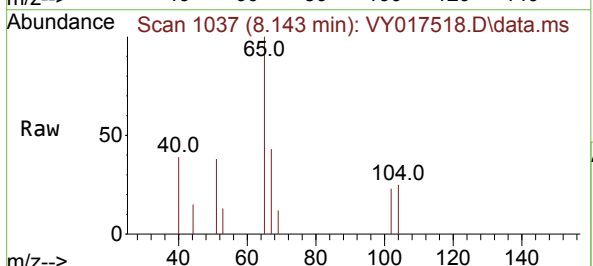
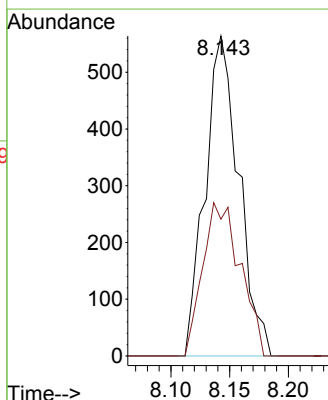
Acq: 28 Feb 2024 14:01

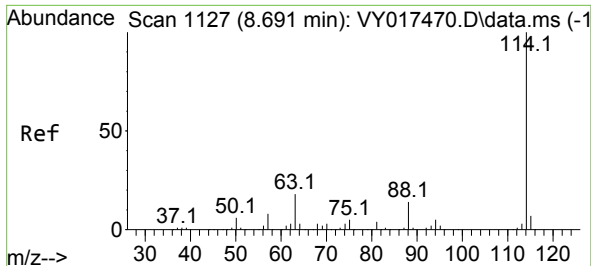
Tgt Ion: 65 Resp: 1124

Ion Ratio Lower Upper

65 100

67 53.4 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: VY017518.D

Acq: 28 Feb 2024 14:01

Instrument :

MSVOA_Y

ClientSampleId :

146-BAY-AVENUE

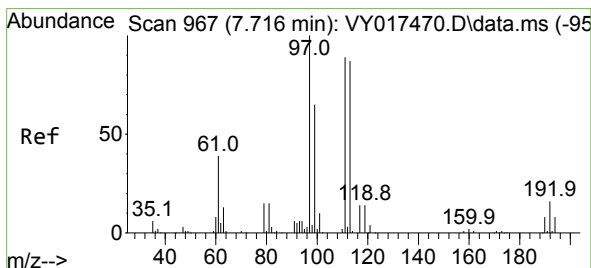
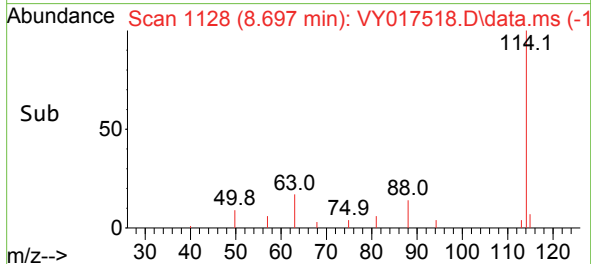
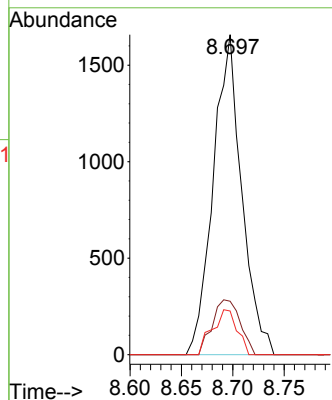
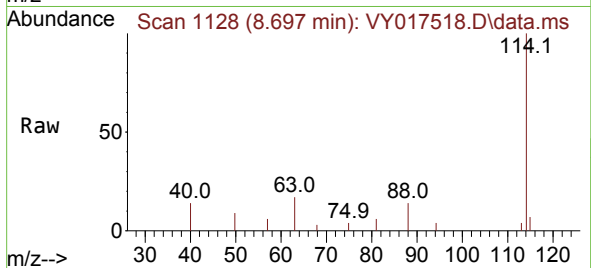
Tgt Ion:114 Resp: 3189

Ion Ratio Lower Upper

114 100

63 16.7 0.0 35.0

88 13.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 36.765 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY017518.D

Acq: 28 Feb 2024 14:01

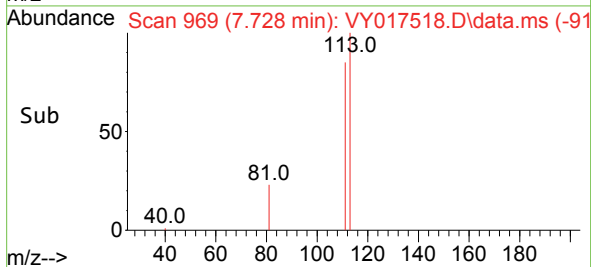
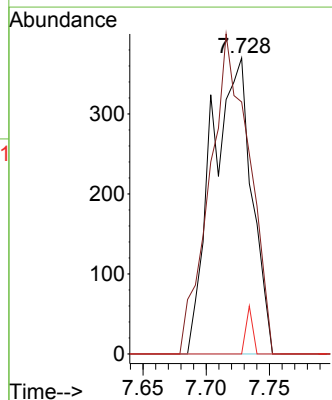
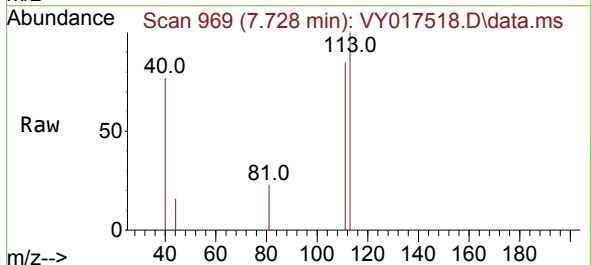
Tgt Ion:113 Resp: 817

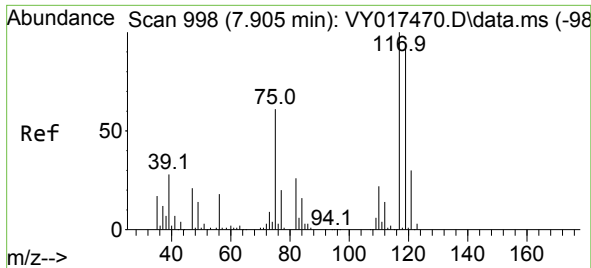
Ion Ratio Lower Upper

113 100

111 106.9 82.2 123.4

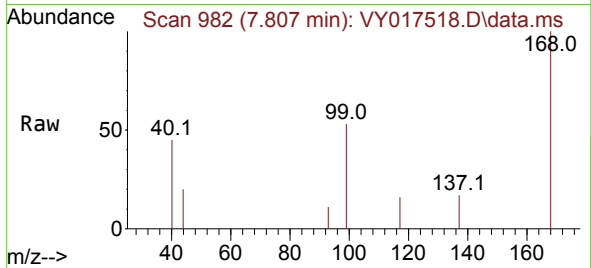
192 2.7 15.9 23.9#



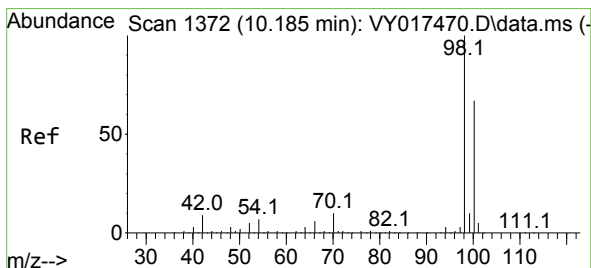
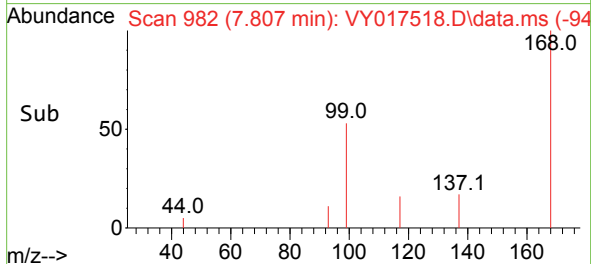
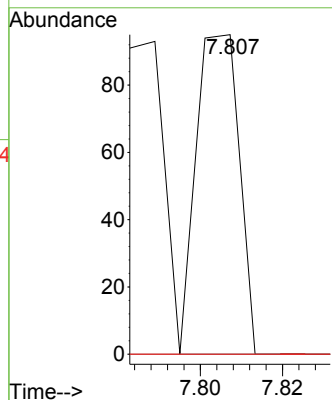


#38
Carbon Tetrachloride
Concen: 2.296 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.097 min
Lab File: VY017518.D
Acq: 28 Feb 2024 14:01

Instrument :
MSVOA_Y
ClientSampleId :
146-BAY-AVENUE

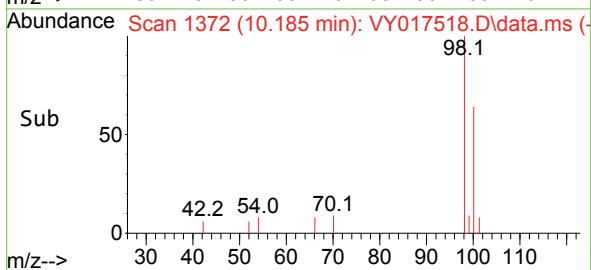
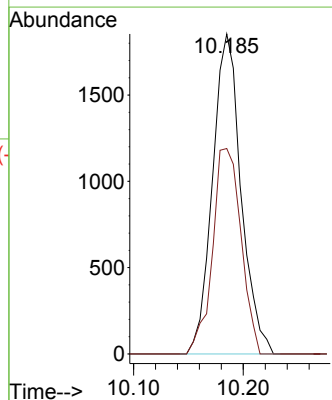
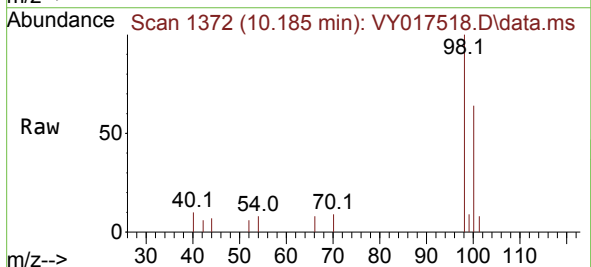


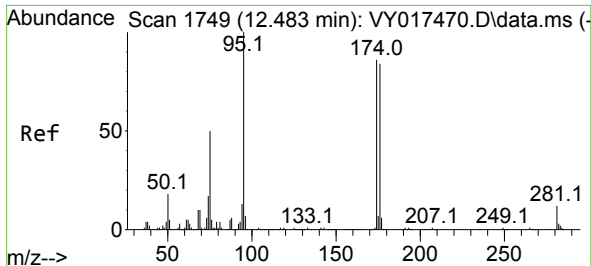
Tgt Ion:117 Resp: 69
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 43.142 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017518.D
Acq: 28 Feb 2024 14:01

Tgt Ion: 98 Resp: 3352
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0

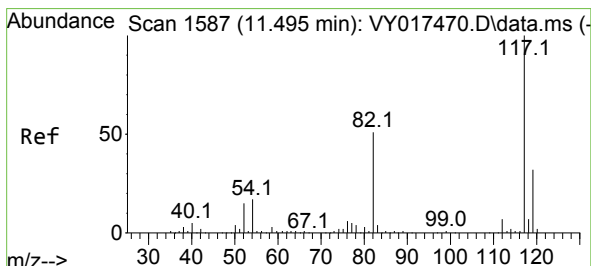
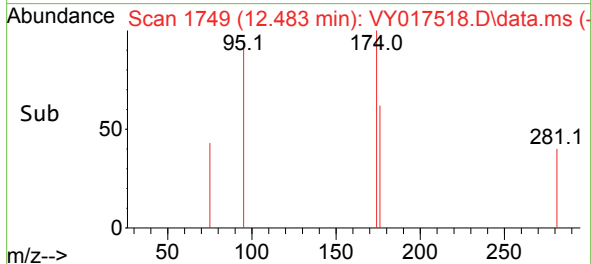
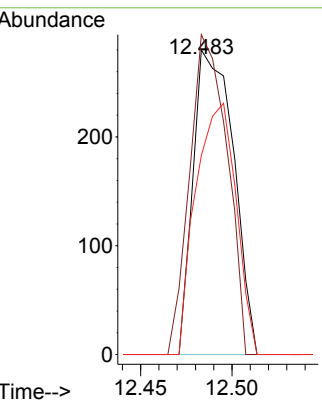
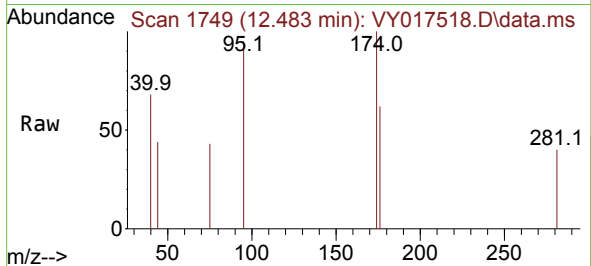




#62
4-Bromofluorobenzene
Concen: 17.569 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017518.D
Acq: 28 Feb 2024 14:01

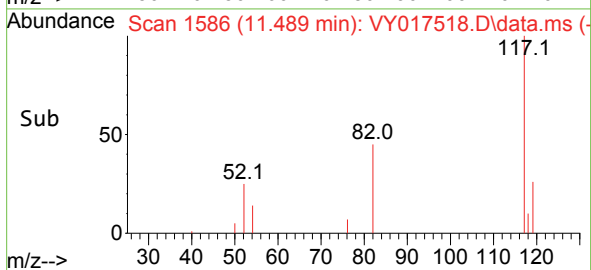
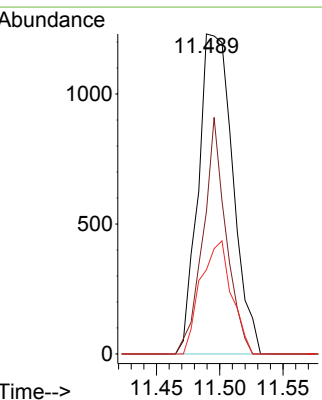
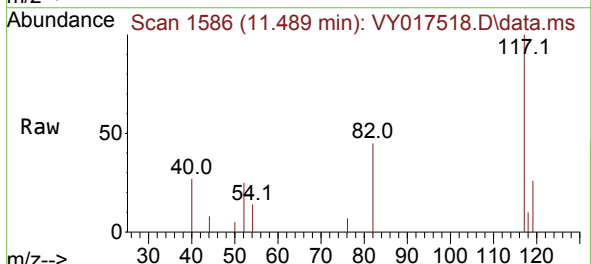
Instrument :
MSVOA_Y
ClientSampleId :
146-BAY-AVENUE

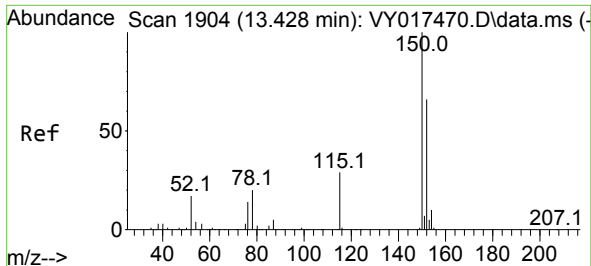
Tgt Ion:	95	Resp:	429
Ion	Ratio	Lower	Upper
95	100		
174	97.7	0.0	175.6
176	82.5	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY017518.D
Acq: 28 Feb 2024 14:01

Tgt Ion:	117	Resp:	2337
Ion	Ratio	Lower	Upper
117	100		
82	44.5	42.4	63.6
119	26.3	25.9	38.9

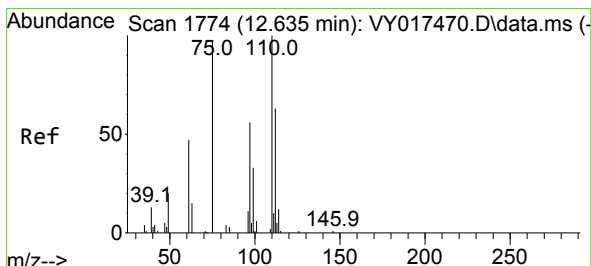
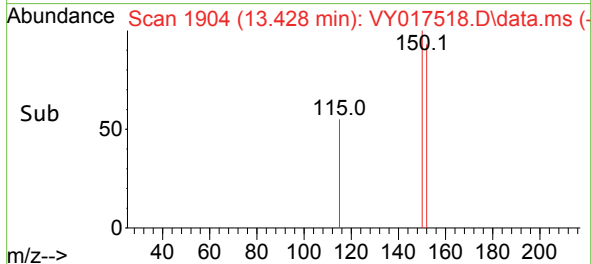
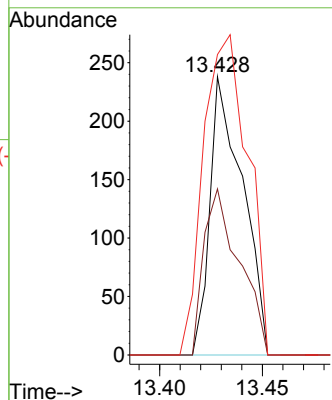
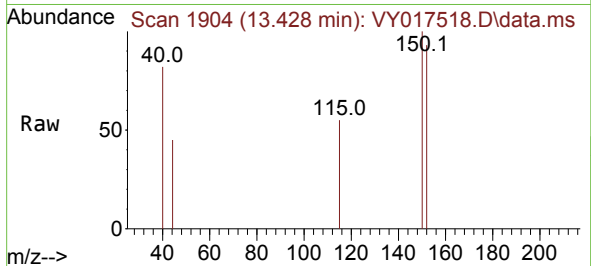




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY017518.D
 Acq: 28 Feb 2024 14:01

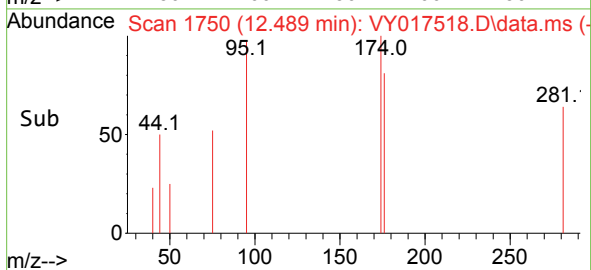
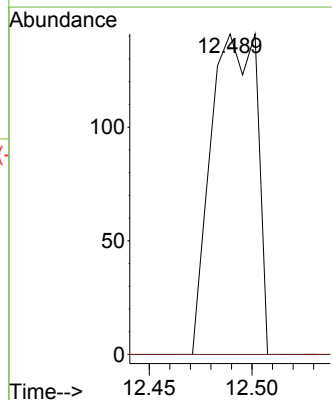
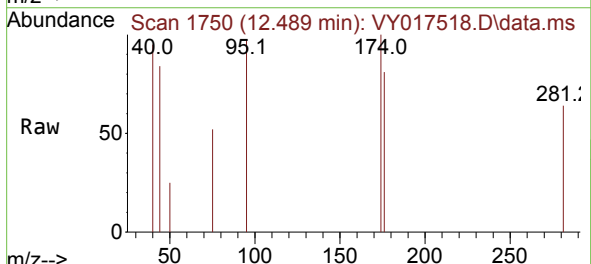
Instrument :
 MSVOA_Y
 ClientSampleId :
 146-BAY-AVENUE

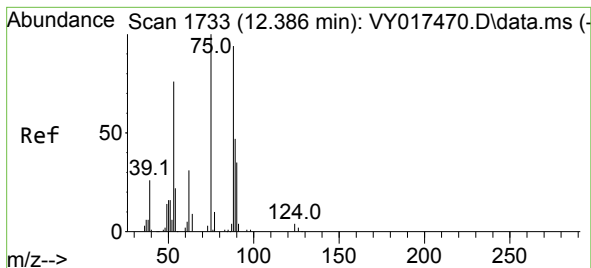
Tgt Ion:152 Resp: 263
 Ion Ratio Lower Upper
 152 100
 115 65.0 28.2 84.7
 150 155.9 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 87.238 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.146 min
 Lab File: VY017518.D
 Acq: 28 Feb 2024 14:01

Tgt Ion: 75 Resp: 218
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 200.454 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY017518.D
 Acq: 28 Feb 2024 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 146-BAY-AVENUE

Tgt Ion: 75 Resp: 218
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

