

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020923\
 Data File : VY012567.D
 Acq On : 09 Feb 2023 17:18
 Operator : KP/MD
 Sample : 01532-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DOMINICK-STREET-UTLITY-RELOCATION-EXCAVATION

Quant Time: Feb 10 06:00:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

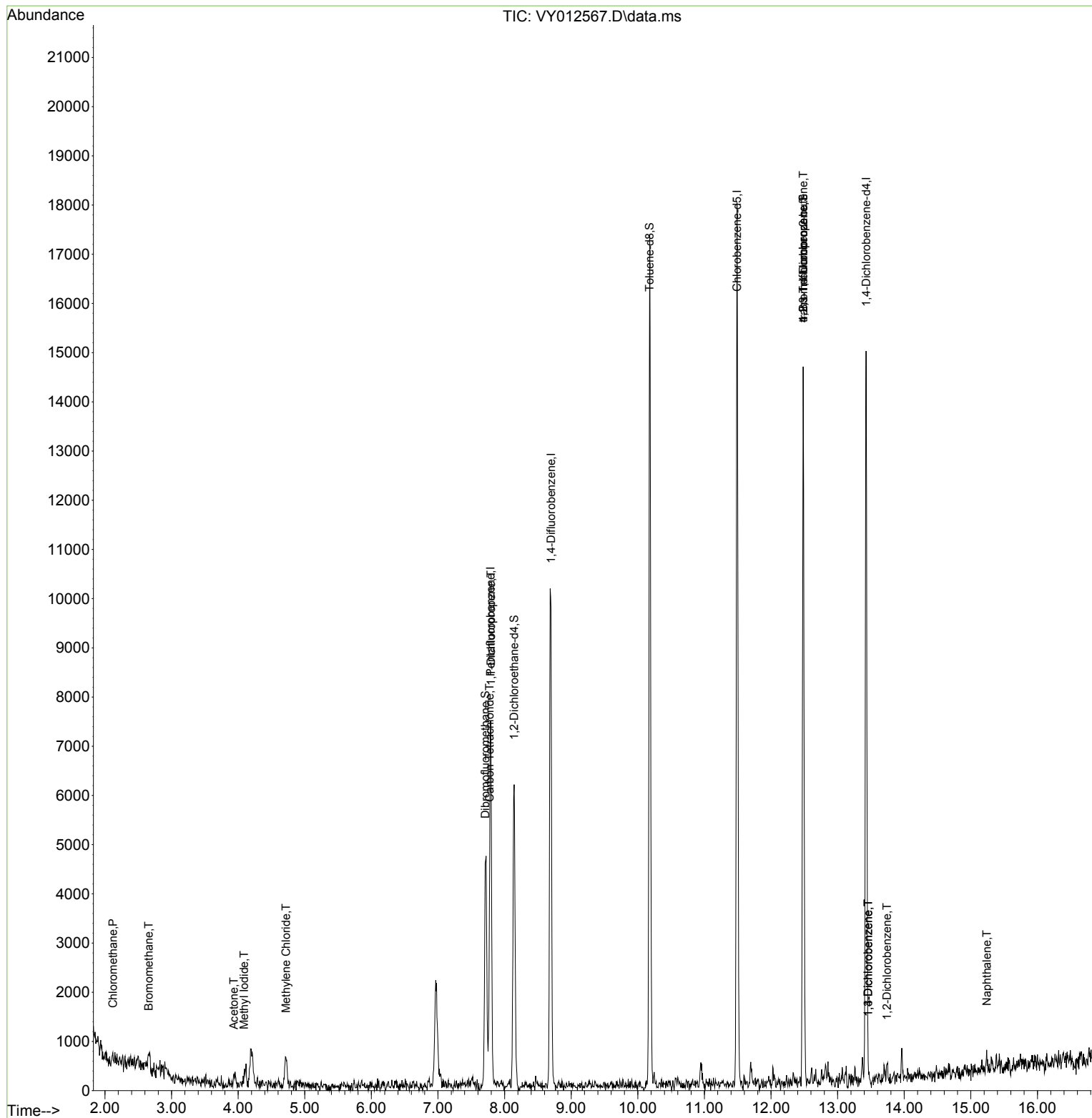
Internal Standards						
1) Pentafluorobenzene	7.789	168	6680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	10489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	11133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	5369	63.206	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.420%
35) Dibromofluoromethane	7.710	113	3262	42.704	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.400%
50) Toluene-d8	10.179	98	12196	38.359	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	76.720%
62) 4-Bromofluorobenzene	12.483	95	4035	36.384	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	72.760%
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	100	1.921	ug/l #	42
5) Bromomethane	2.656	94	220	1.870	ug/l	89
10) Methyl Iodide	4.088	142	241	2.762	ug/l #	62
16) Acetone	3.936	43	171	8.364	ug/l #	41
20) Methylene Chloride	4.716	84	516	2.773	ug/l #	69
36) 1,1-Dichloropropene	7.795	75	350	3.385	ug/l #	44
38) Carbon Tetrachloride	7.777	117	626	4.511	ug/l #	13
76) 1,2,3-Trichloropropane	12.483	75	2097	40.080	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	2097	90.383	ug/l #	12
87) 1,3-Dichlorobenzene	13.459	146	381	2.085	ug/l	76
88) 1,4-Dichlorobenzene	13.459	146	381	2.082	ug/l	77
91) 1,2-Dichlorobenzene	13.739	146	287	1.746	ug/l	76
95) Naphthalene	15.239	128	333	1.703	ug/l #	69

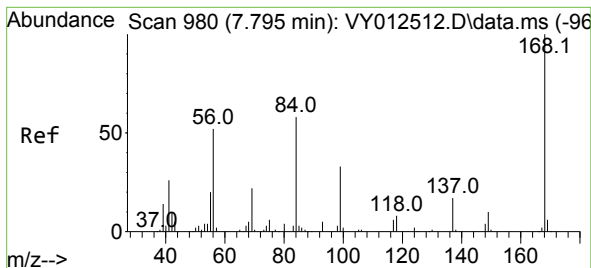
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY012567.D

Acq: 09 Feb 2023 17:18

Instrument :

MSVOA_Y

ClientSampleId :

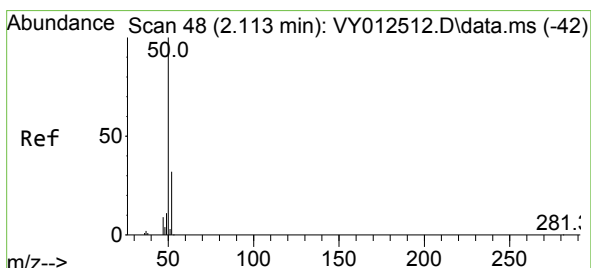
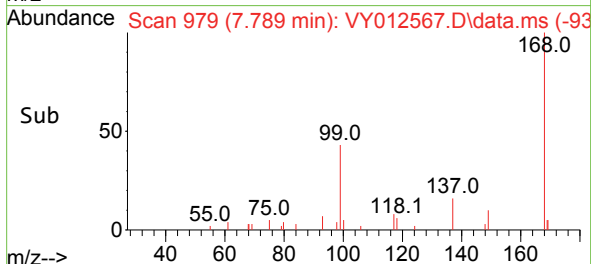
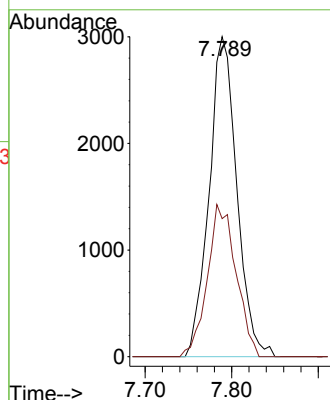
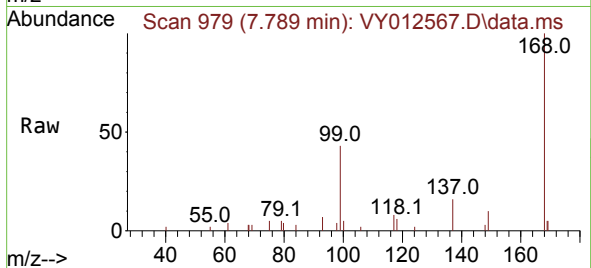
DOMINICK-STREET-UTLITY-RELOCATION-EXCAVATION

Tgt Ion:168 Resp: 6680

Ion Ratio Lower Upper

168 100

99 43.2 40.8 61.2



#3

Chloromethane

Concen: 1.921 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.006 min

Lab File: VY012567.D

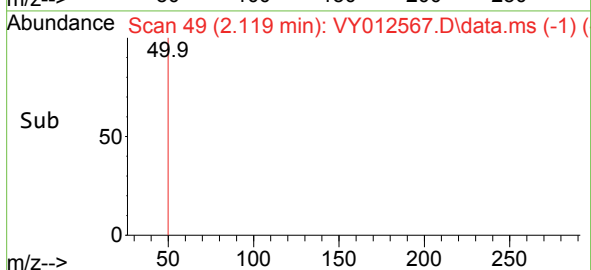
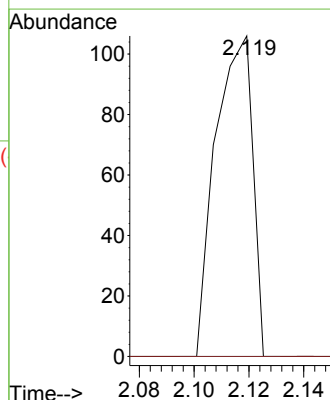
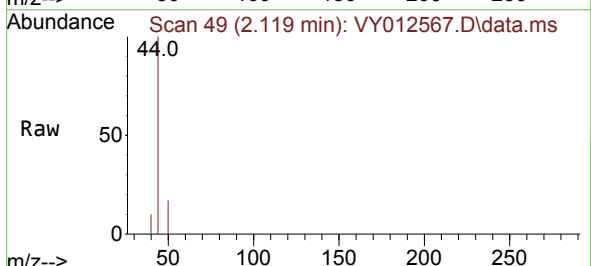
Acq: 09 Feb 2023 17:18

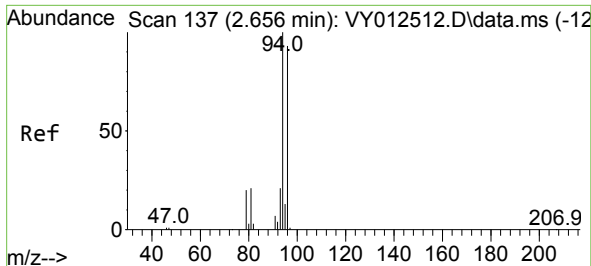
Tgt Ion: 50 Resp: 100

Ion Ratio Lower Upper

50 100

52 0.0 25.8 38.6#

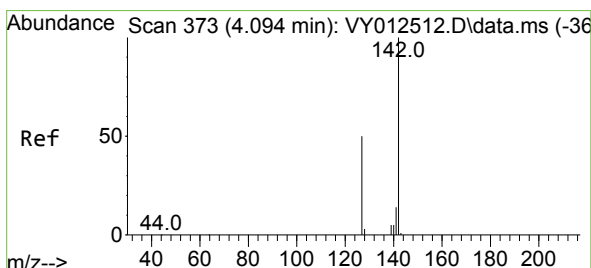
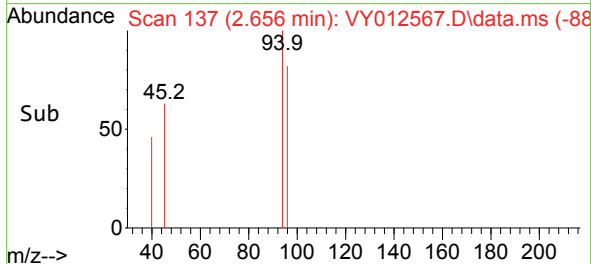
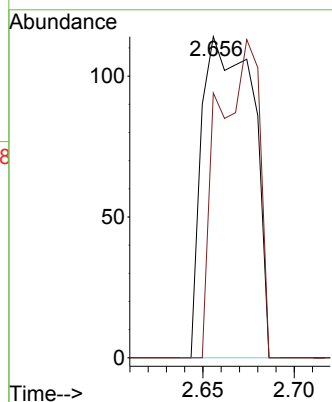
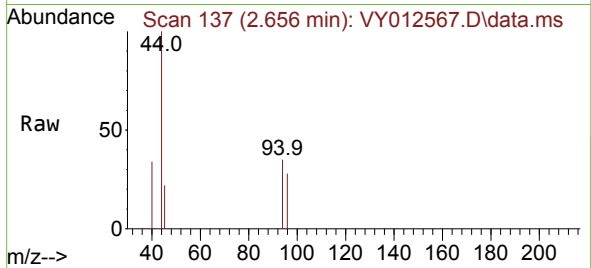




#5
Bromomethane
Concen: 1.870 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012567.D
Acq: 09 Feb 2023 17:18

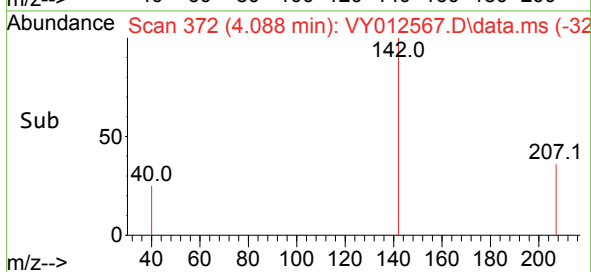
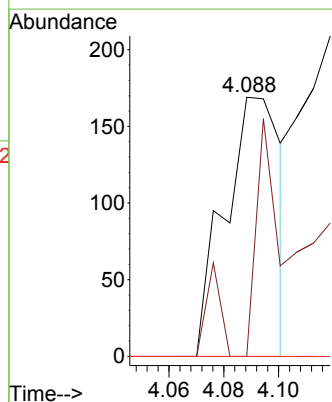
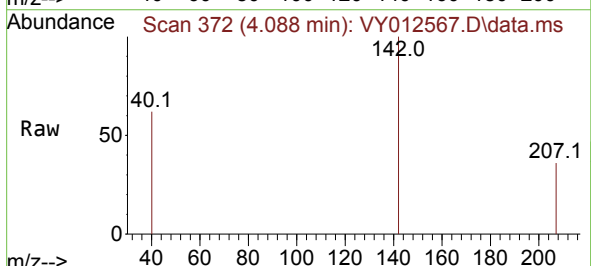
Instrument :
MSVOA_Y
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DOMINICK-STREET-UTLIITY-RELOCATION-EXCAVATION

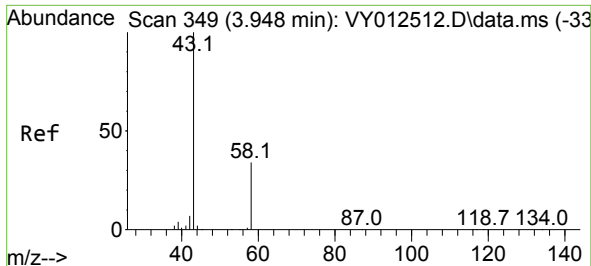
Tgt Ion: 94 Resp: 220
Ion Ratio Lower Upper
94 100
96 82.5 74.7 112.1



#10
Methyl Iodide
Concen: 2.762 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY012567.D
Acq: 09 Feb 2023 17:18

Tgt Ion:142 Resp: 241
Ion Ratio Lower Upper
142 100
127 76.3 39.8 59.6#
141 0.0 11.6 17.4#





#16

Acetone

Concen: 8.364 ug/l

RT: 3.936 min Scan# 349

Delta R.T. -0.012 min

Lab File: VY012567.D

Acq: 09 Feb 2023 17:18

Instrument :

MSVOA_Y

ClientSampleId :

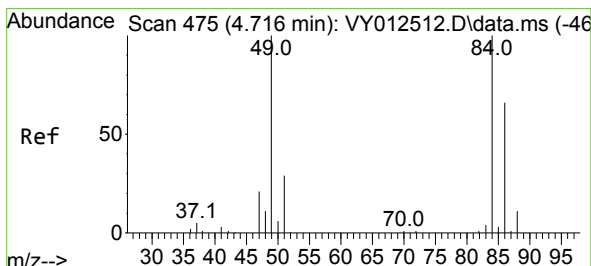
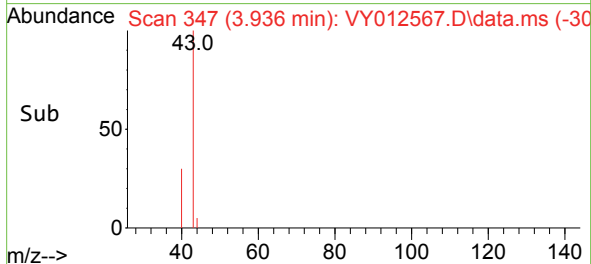
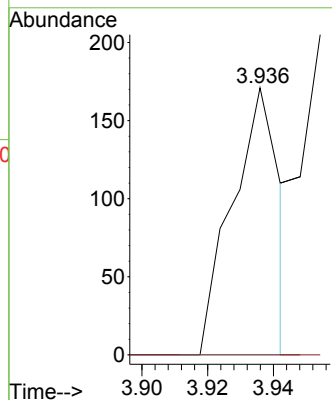
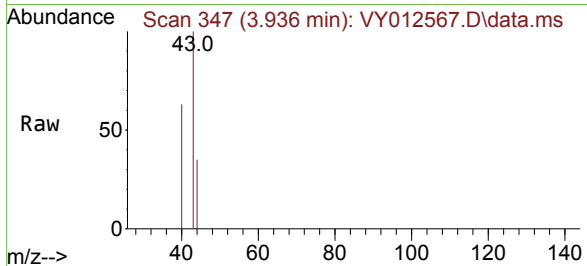
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Tgt Ion: 43 Resp: 171

Ion Ratio Lower Upper

43 100

58 0.0 27.1 40.7#



#20

Methylene Chloride

Concen: 2.773 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY012567.D

Acq: 09 Feb 2023 17:18

Tgt Ion: 84 Resp: 516

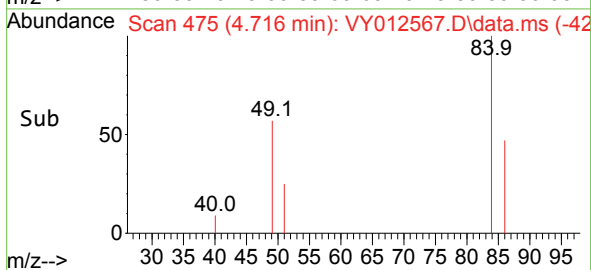
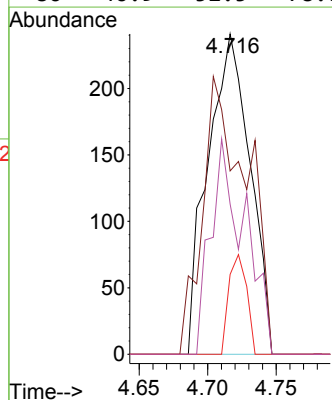
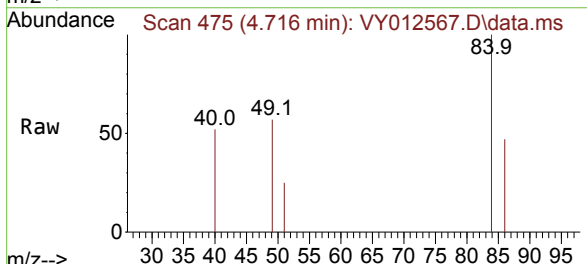
Ion Ratio Lower Upper

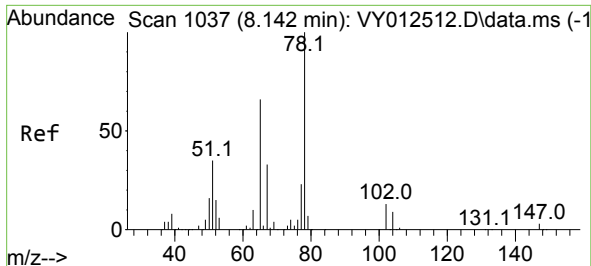
84 100

49 57.3 79.8 119.6#

51 24.9 23.4 35.2

86 46.9 52.5 78.7#





#33
1,2-Dichloroethane-d4
Concen: 63.206 ug/l
RT: 8.143 min Scan# 1103
Delta R.T. 0.000 min
Lab File: VY012567.D
Acq: 09 Feb 2023 17:18

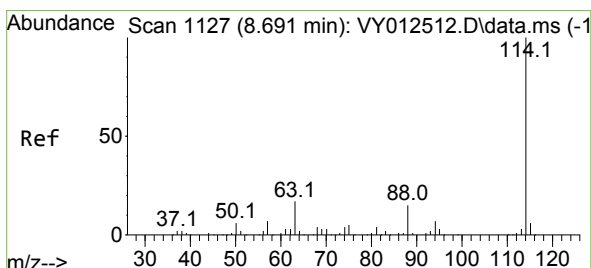
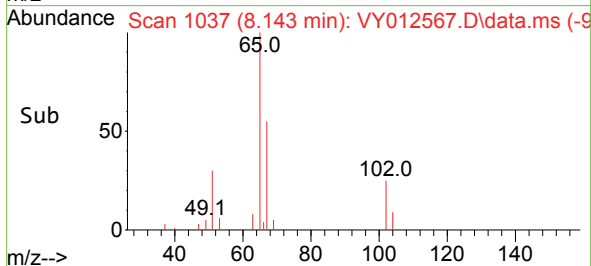
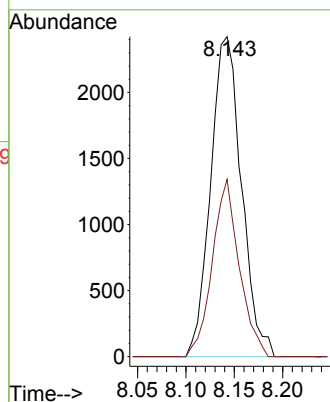
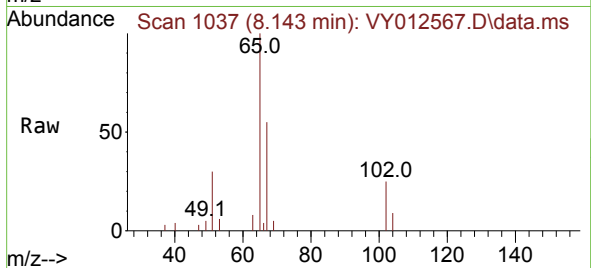
Instrument :

MSVOA_Y

ClientSampleId :

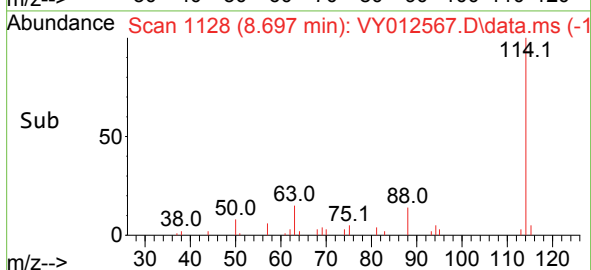
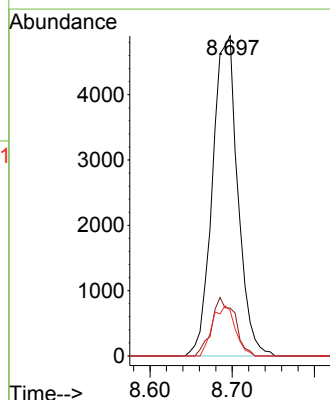
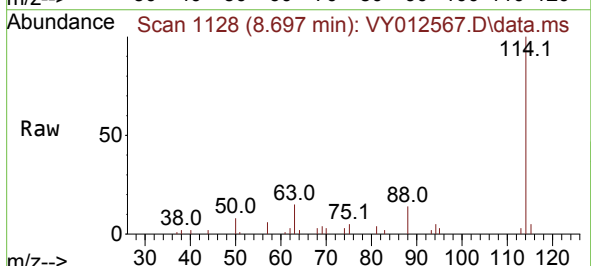
DOMINICK-STREET-UTLITY-RELOCATION-EXCAVATION

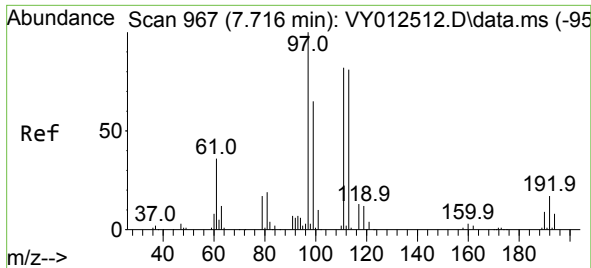
Tgt Ion: 65 Resp: 5369
Ion Ratio Lower Upper
65 100
67 48.5 0.0 98.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VY012567.D
Acq: 09 Feb 2023 17:18

Tgt Ion: 114 Resp: 10489
Ion Ratio Lower Upper
114 100
63 14.9 0.0 33.6
88 14.2 0.0 29.8

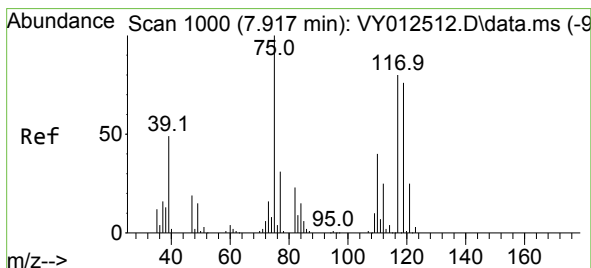
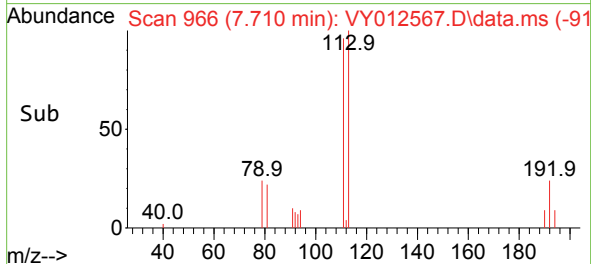
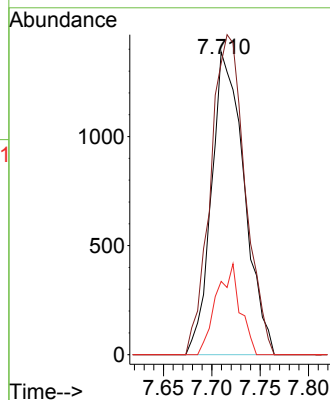
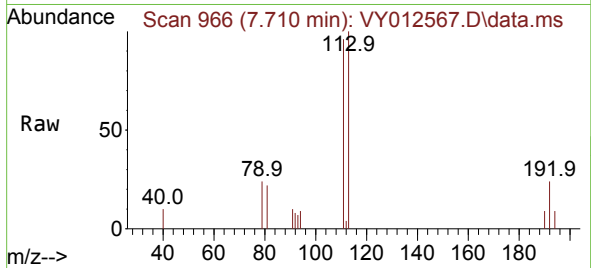




#35
Dibromofluoromethane
Concen: 42.704 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY012567.D
Acq: 09 Feb 2023 17:18

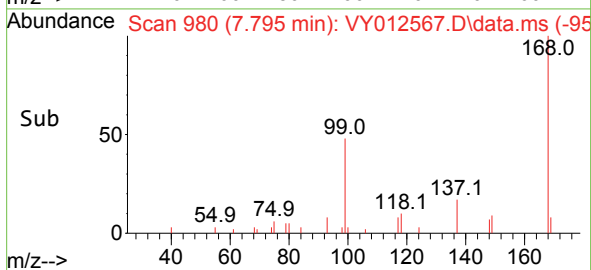
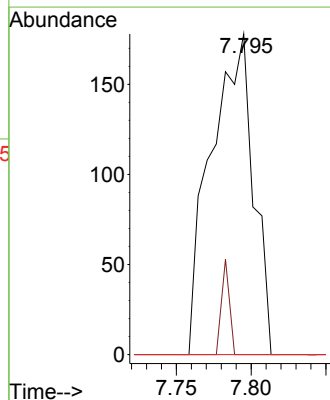
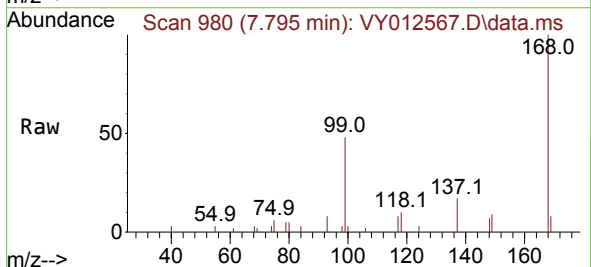
Instrument : MSVOA_Y
ClientSampleId : DOMINICK-STREET-UTLIITY-RELOCATION-EXCAVATION

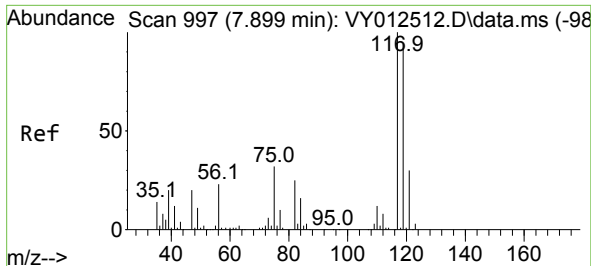
Tgt Ion:113 Resp: 3262
Ion Ratio Lower Upper
113 100
111 111.7 81.9 122.9
192 21.9 17.5 26.3



#36
1,1-Dichloropropene
Concen: 3.385 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY012567.D
Acq: 09 Feb 2023 17:18

Tgt Ion: 75 Resp: 350
Ion Ratio Lower Upper
75 100
110 5.4 19.5 58.5#
77 0.0 24.9 37.3#

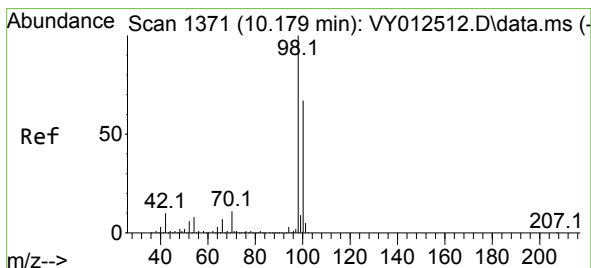
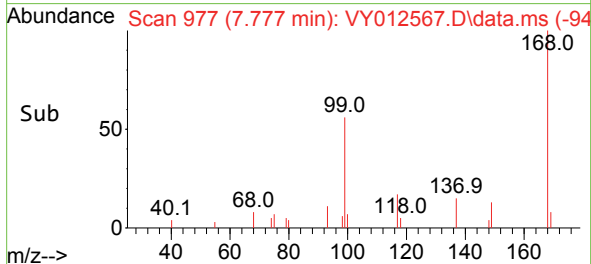
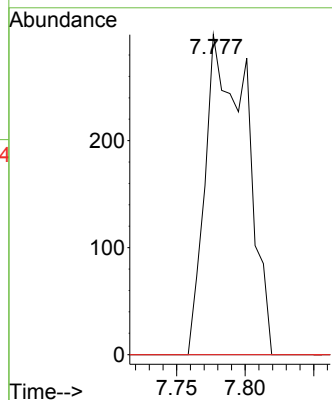
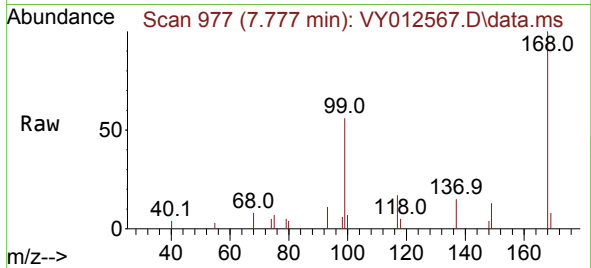




#38
Carbon Tetrachloride
Concen: 4.511 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY012567.D
Acq: 09 Feb 2023 17:18

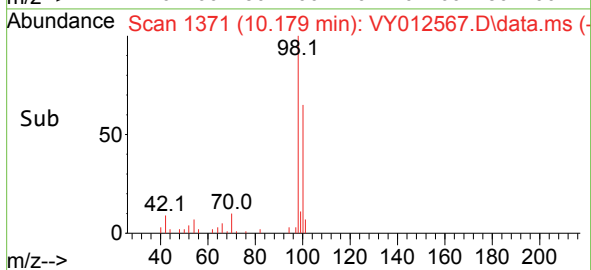
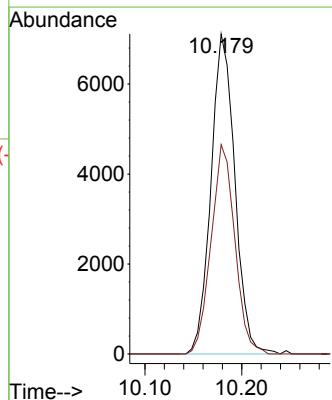
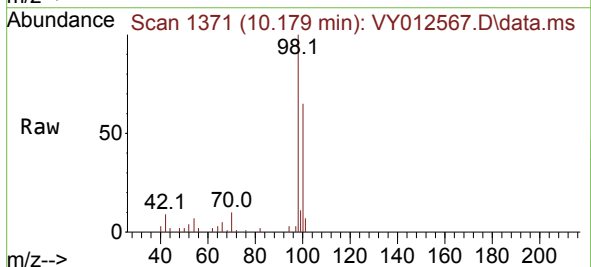
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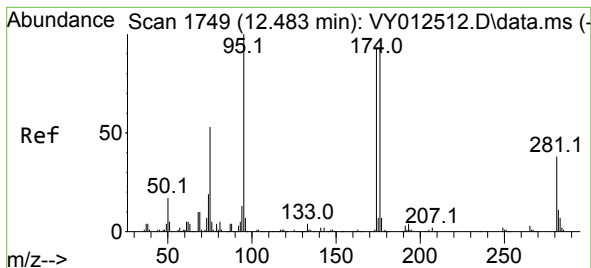
Tgt Ion:117 Resp: 626
Ion Ratio Lower Upper
117 100
119 0.0 75.1 112.7#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 38.359 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012567.D
Acq: 09 Feb 2023 17:18

Tgt Ion: 98 Resp: 12196
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.2

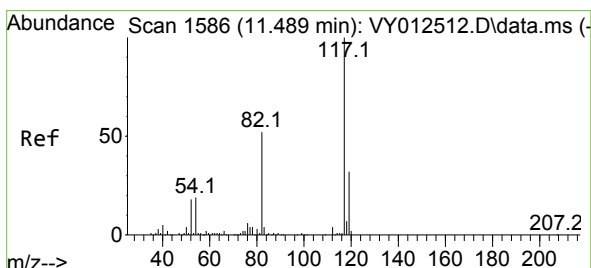
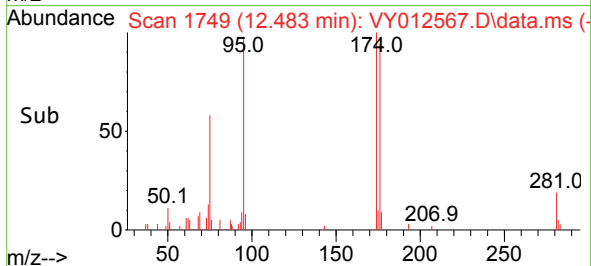
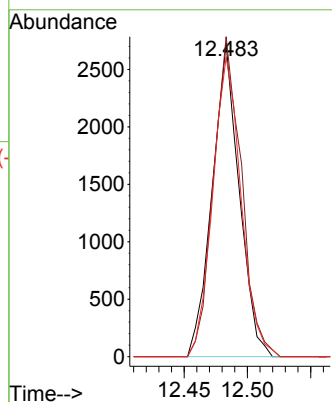
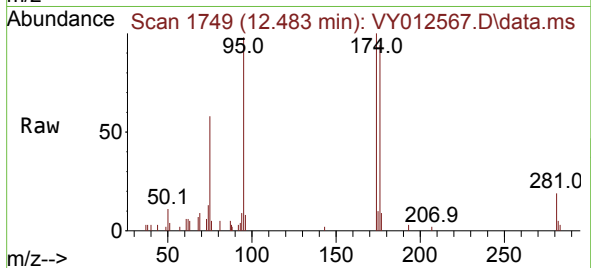




#62
4-Bromofluorobenzene
Concen: 36.384 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012567.D
Acq: 09 Feb 2023 17:18

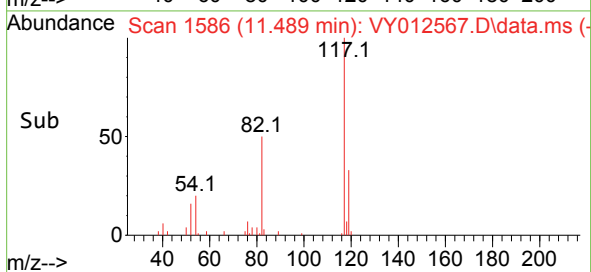
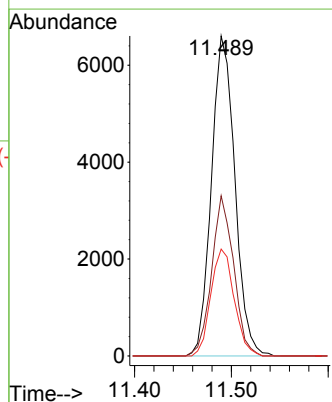
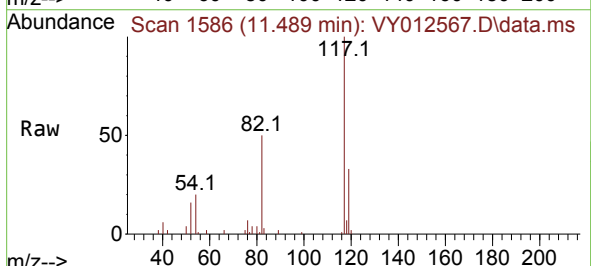
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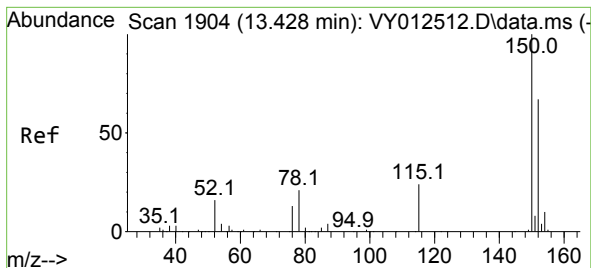
Tgt Ion:	95	Resp:	4035
Ion	Ratio	Lower	Upper
95	100		
174	105.7	0.0	188.0
176	100.5	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012567.D
Acq: 09 Feb 2023 17:18

Tgt Ion:	117	Resp:	11133
Ion	Ratio	Lower	Upper
117	100		
82	50.1	41.7	62.5
119	33.4	25.8	38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012567.D

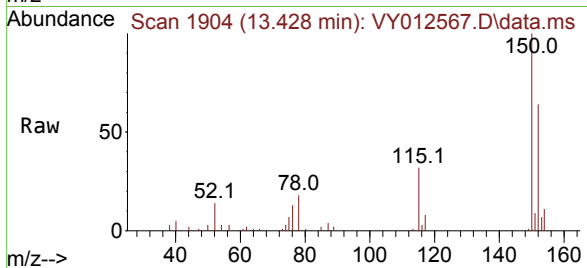
Acq: 09 Feb 2023 17:18

Instrument :

MSVOA_Y

ClientSampleId :

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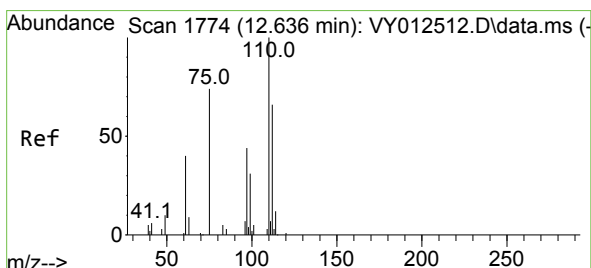
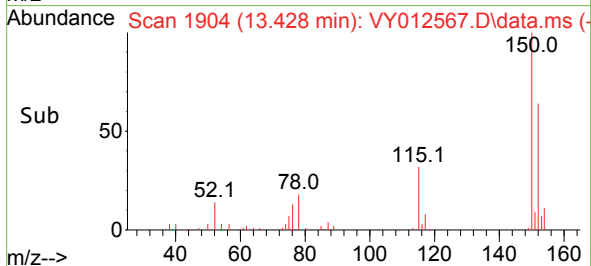
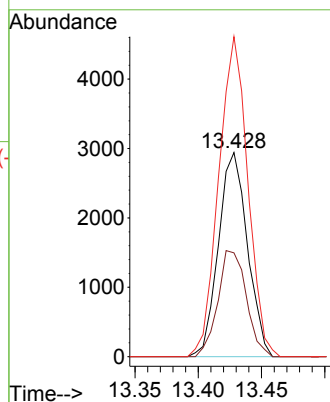
Tgt Ion:152 Resp: 4683

Ion Ratio Lower Upper

152 100

115 51.1 28.1 84.3

150 157.2 0.0 351.0



#76

1,2,3-Trichloropropane

Concen: 40.080 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY012567.D

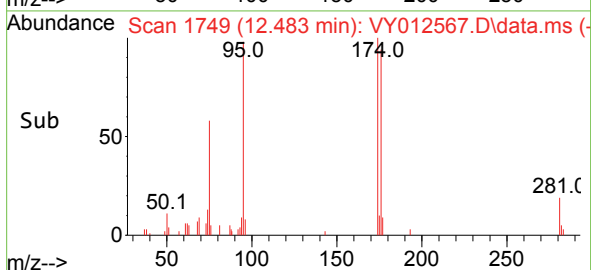
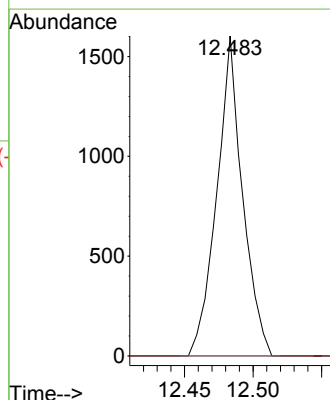
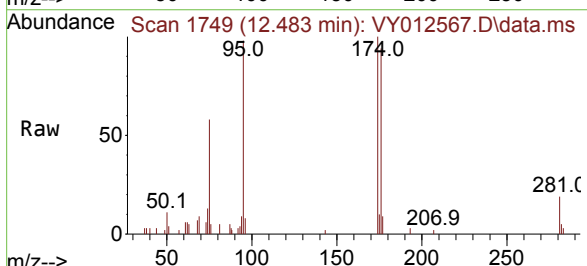
Acq: 09 Feb 2023 17:18

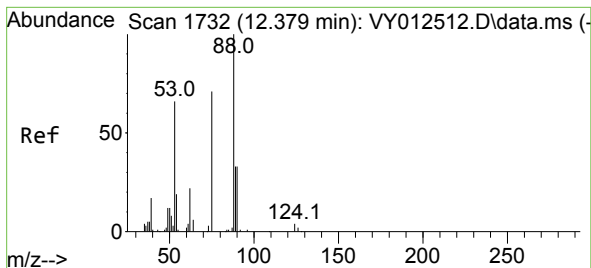
Tgt Ion: 75 Resp: 2097

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

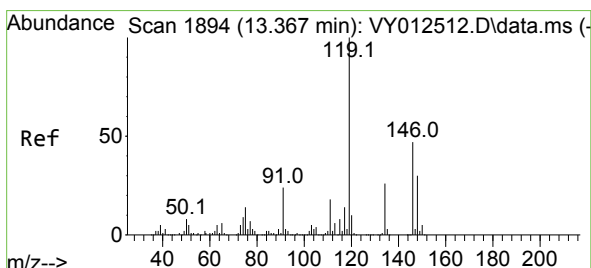
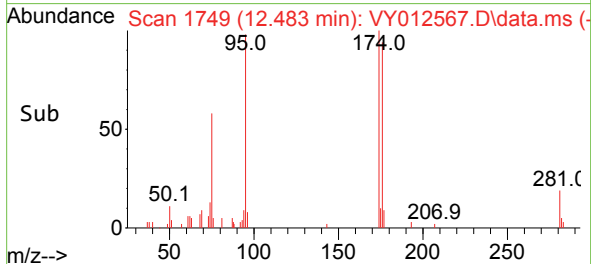
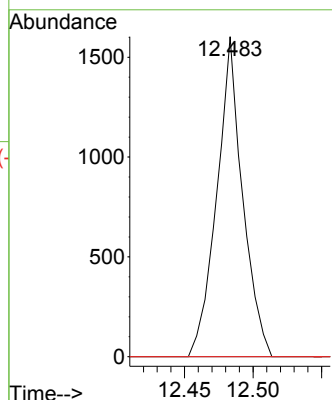
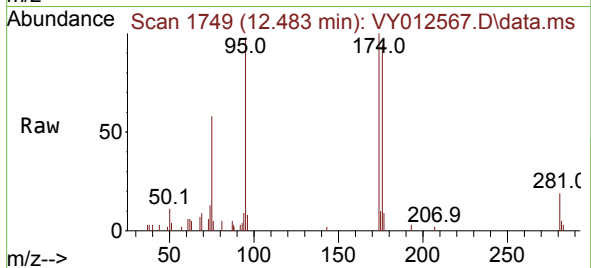




#81
trans-1,4-Dichloro-2-butene
Concen: 90.383 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY012567.D
Acq: 09 Feb 2023 17:18

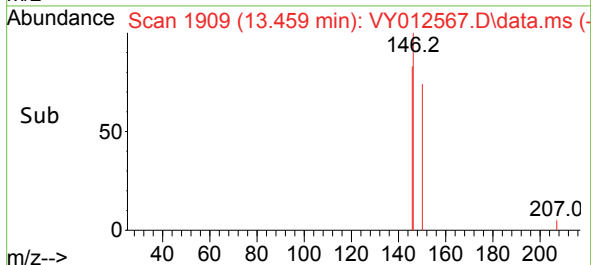
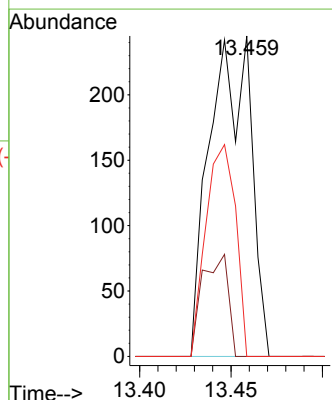
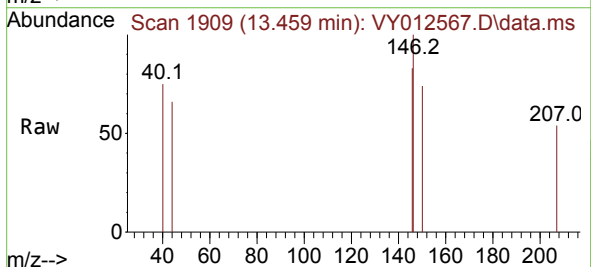
Instrument :
MSVOA_Y
ClientSampleId :
DOMINICK-STREET-UTLITY-RELOCATION-EXCAVATION

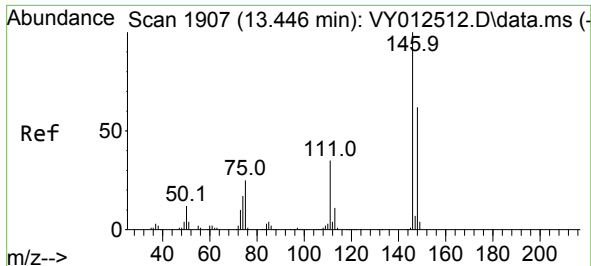
Tgt Ion: 75 Resp: 2097
Ion Ratio Lower Upper
75 100
53 0.0 73.1 109.7#
89 0.0 39.9 59.9#



#87
1,3-Dichlorobenzene
Concen: 2.085 ug/l
RT: 13.459 min Scan# 1909
Delta R.T. 0.092 min
Lab File: VY012567.D
Acq: 09 Feb 2023 17:18

Tgt Ion:146 Resp: 381
Ion Ratio Lower Upper
146 100
111 19.9 19.3 57.9
148 48.3 32.0 96.2





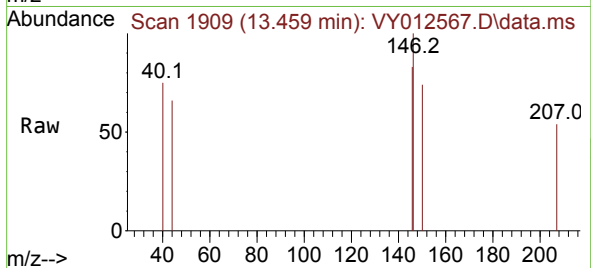
#88
1,4-Dichlorobenzene
Concen: 2.082 ug/l
RT: 13.459 min Scan# 1909
Delta R.T. 0.012 min
Lab File: VY012567.D
Acq: 09 Feb 2023 17:18

Instrument :

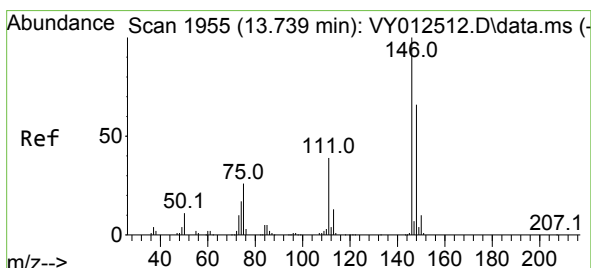
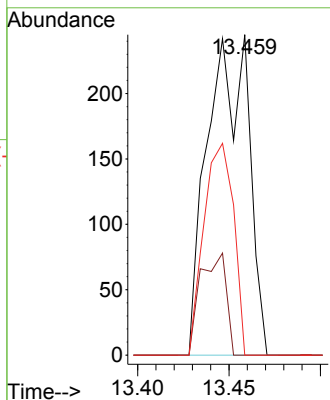
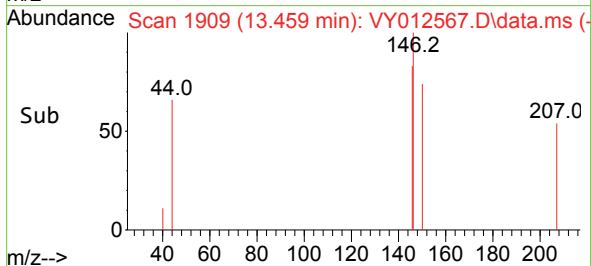
MSVOA_Y

ClientSampleId :

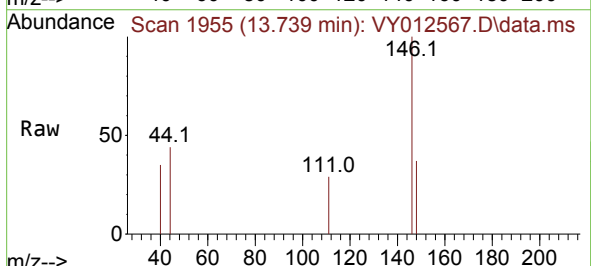
DOMINICK-STREET-UTLIITY-RELOCATION-EXCAVATION



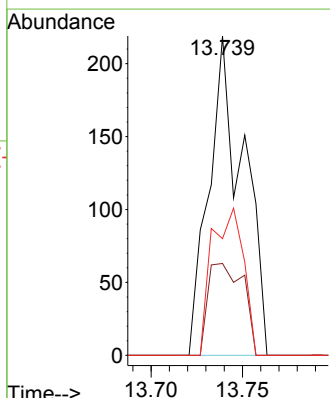
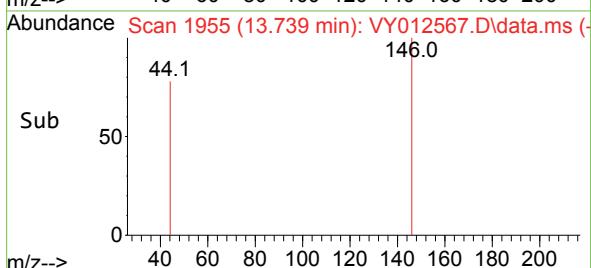
Tgt Ion:146 Resp: 381
Ion Ratio Lower Upper
146 100
111 19.9 18.4 55.2
148 48.3 31.6 95.0

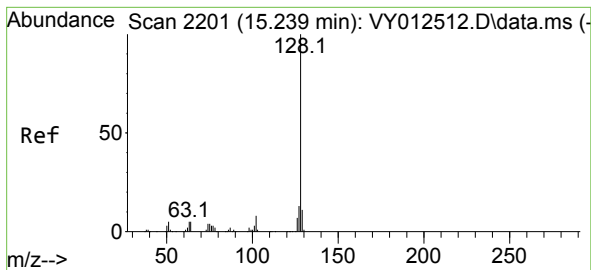


#91
1,2-Dichlorobenzene
Concen: 1.746 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY012567.D
Acq: 09 Feb 2023 17:18



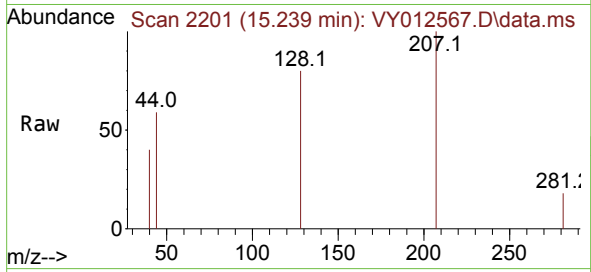
Tgt Ion:146 Resp: 287
Ion Ratio Lower Upper
146 100
111 29.3 19.7 59.1
148 42.2 32.0 96.0





#95
 Naphthalene
 Concen: 1.703 ug/l
 RT: 15.239 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY012567.D
 Acq: 09 Feb 2023 17:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 DOMINICK-STREET-UTLIITY-RELOCATION-EXCAVATION



Tgt Ion:	128	Resp:	333
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.6	12.8#

