

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021423\
 Data File : VD075343.D
 Acq On : 14 Feb 2023 15:11
 Operator : KP/SY
 Sample : 01432-09
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Feb 15 03:34:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

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

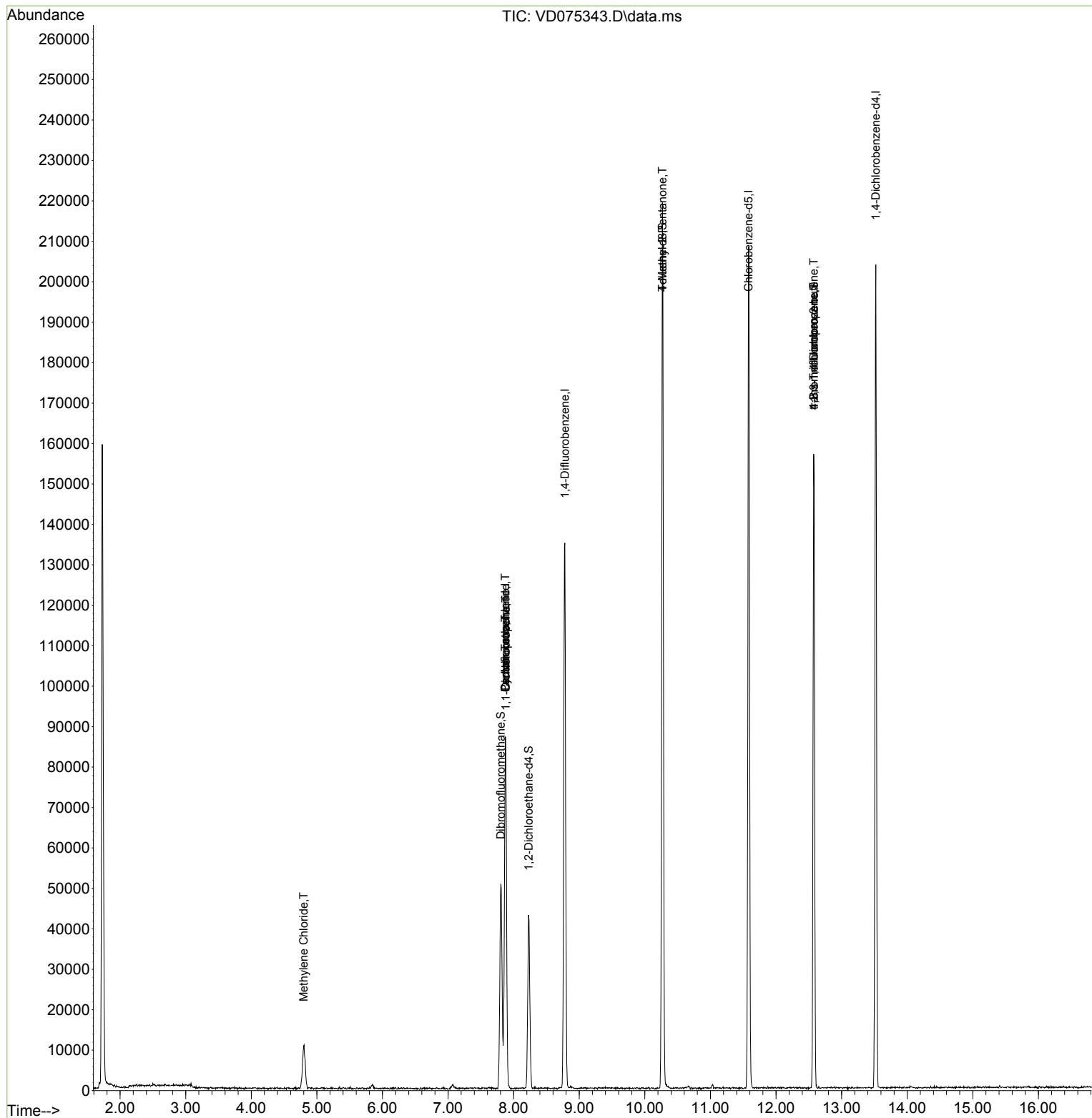
Internal Standards						
1) Pentafluorobenzene	7.875	168	64456	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	114803	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	115087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	51210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	32949	43.595	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.180%
35) Dibromofluoromethane	7.804	113	36418	45.240	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.480%
50) Toluene-d8	10.269	98	143806	47.106	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.220%
62) 4-Bromofluorobenzene	12.575	95	48130	47.813	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.620%
Target Compounds						
					Qvalue	
3) Chloromethane	2.140	50	57	Below Cal	#	41
20) Methylene Chloride	4.799	84	7693	3.528	ug/l #	90
31) Cyclohexane	7.875	56	1526	1.137	ug/l #	1
36) 1,1-Dichloropropene	7.881	75	5682	4.531	ug/l #	45
38) Carbon Tetrachloride	7.875	117	7079	6.092	ug/l #	20
51) 4-Methyl-2-Pentanone	10.269	43	657	1.244	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	25939	44.594	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	25939	140.782	ug/l #	14

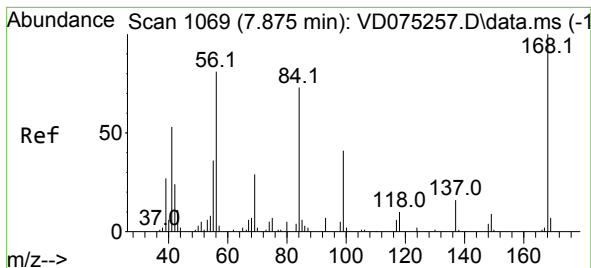
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

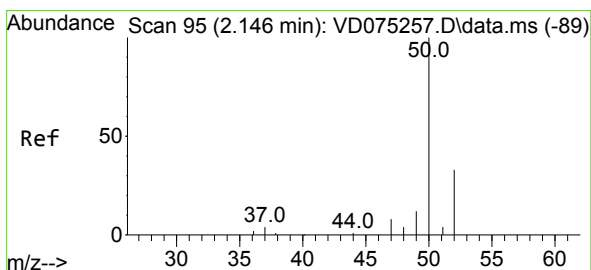
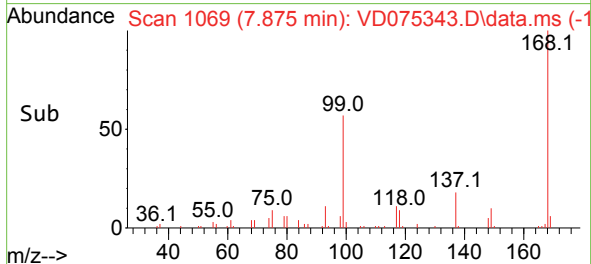
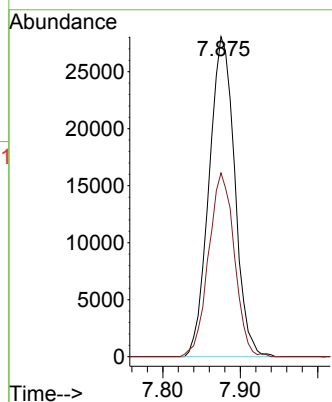
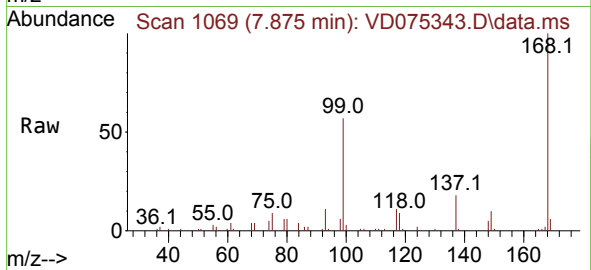




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075343.D
Acq: 14 Feb 2023 15:11

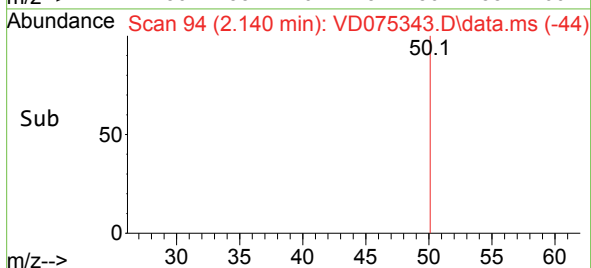
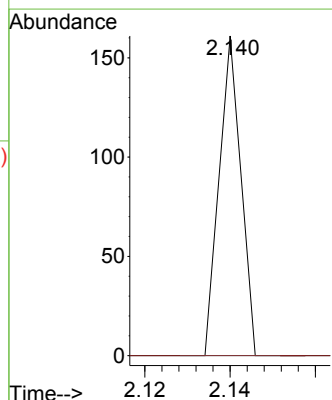
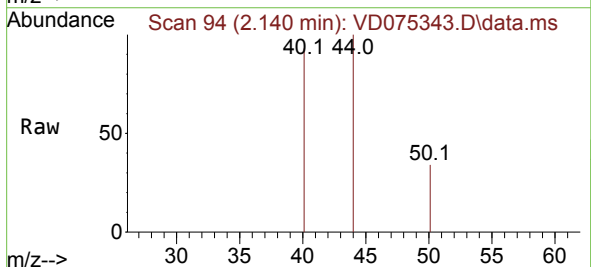
Instrument : MSVOA_D
ClientSampleId : DOMINICK-STREET-UTLITY-RELOCATION-EXCAVATION

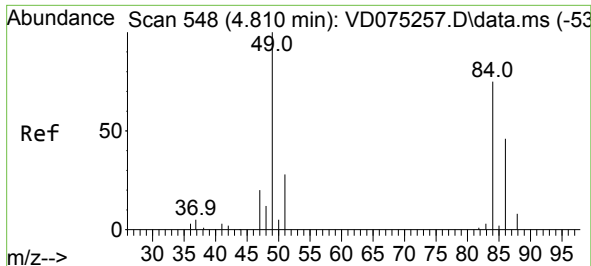
Tgt Ion:168 Resp: 64456
Ion Ratio Lower Upper
168 100
99 57.4 45.2 67.8



#3
Chloromethane
Concen: Below Cal
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD075343.D
Acq: 14 Feb 2023 15:11

Tgt Ion: 50 Resp: 57
Ion Ratio Lower Upper
50 100
52 0.0 27.0 40.6#

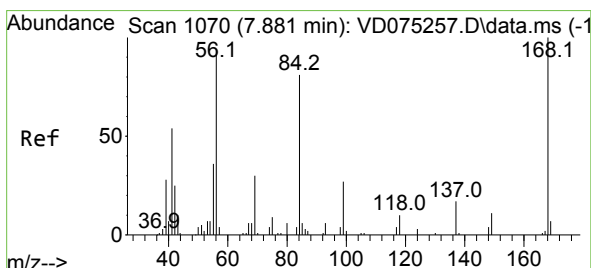
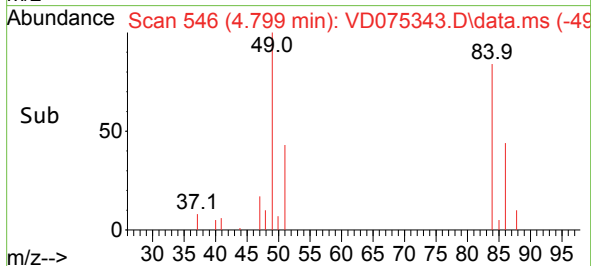
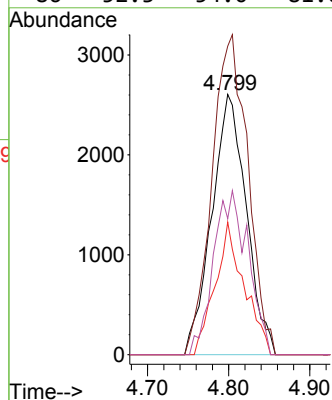
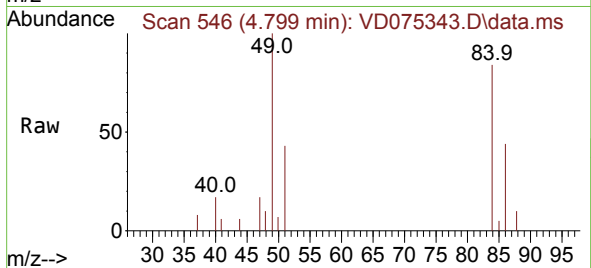




#20
Methylene Chloride
Concen: 3.528 ug/l
RT: 4.799 min Scan# 54
Delta R.T. -0.011 min
Lab File: VD075343.D
Acq: 14 Feb 2023 15:11

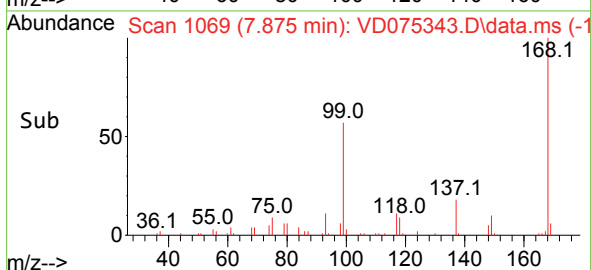
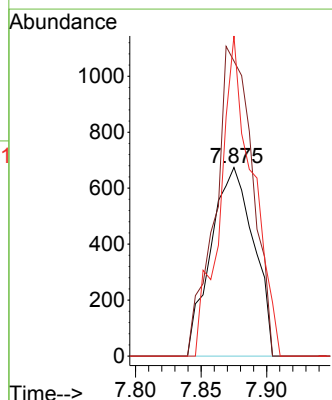
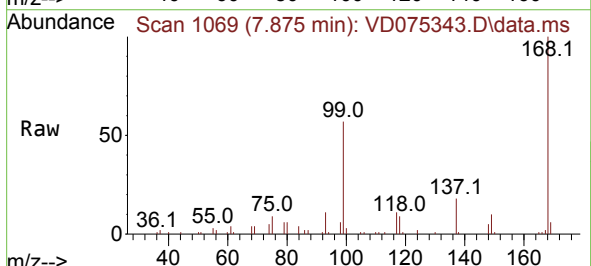
Instrument : MSVOA_D
ClientSampleId : DOMINICK-STREET-UTLIITY-RELOCATION-EXCAVATION

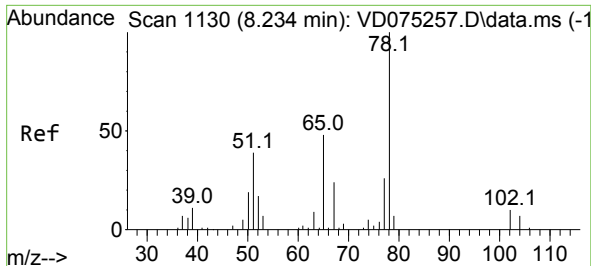
Tgt Ion:	84	Resp:	7693
Ion	Ratio	Lower	Upper
84	100		
49	118.5	97.0	145.6
51	51.0	30.9	46.3#
86	52.3	54.0	81.0#



#31
Cyclohexane
Concen: 1.137 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075343.D
Acq: 14 Feb 2023 15:11

Tgt Ion:	56	Resp:	1526
Ion	Ratio	Lower	Upper
56	100		
69	156.4	26.6	40.0#
84	169.7	74.1	111.1#





#33

1,2-Dichloroethane-d4

Concen: 43.595 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD075343.D

Acq: 14 Feb 2023 15:11

Instrument :

MSVOA_D

ClientSampleId :

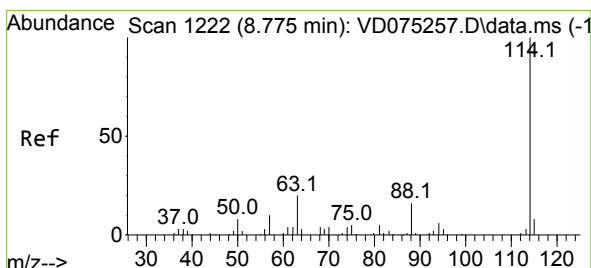
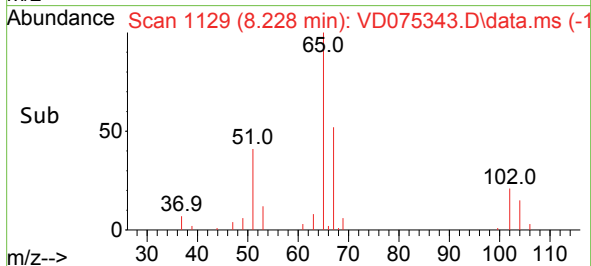
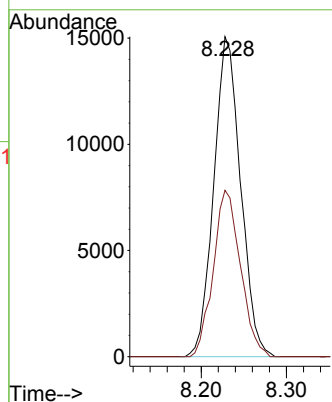
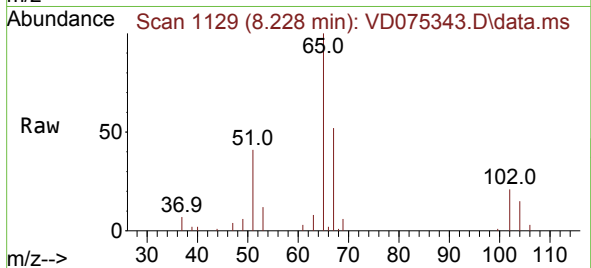
DOMINICK-STREET-UTLIITY-RELOCATION-EXCAVATION

Tgt Ion: 65 Resp: 32949

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD075343.D

Acq: 14 Feb 2023 15:11

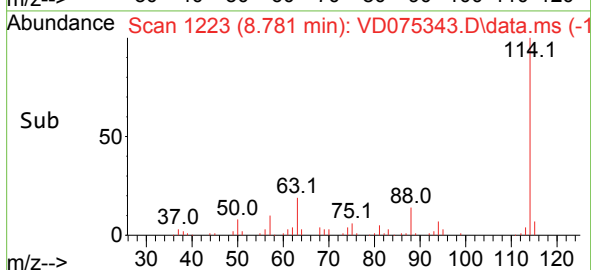
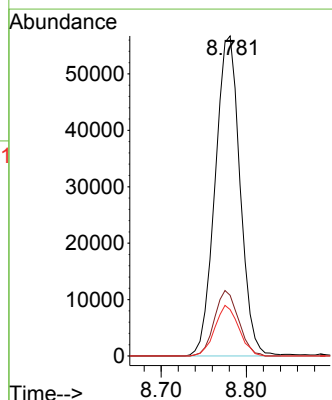
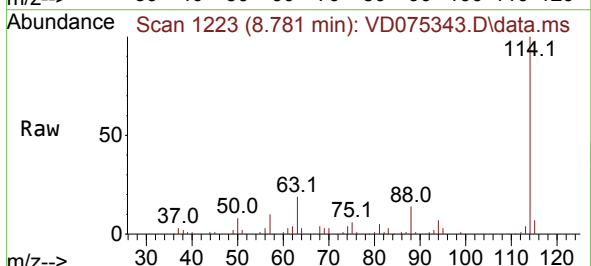
Tgt Ion:114 Resp: 114803

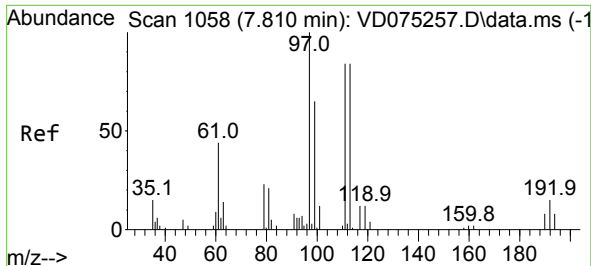
Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.2

88 14.5 0.0 32.2





#35

Dibromofluoromethane

Concen: 45.240 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD075343.D

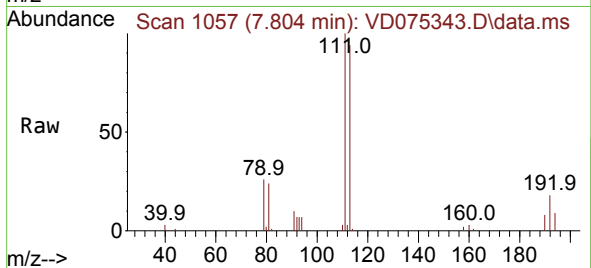
Acq: 14 Feb 2023 15:11

Instrument :

MSVOA_D

ClientSampleId :

DOMINICK-STREET-UTLITY-RELOCATION-EXCAVATION



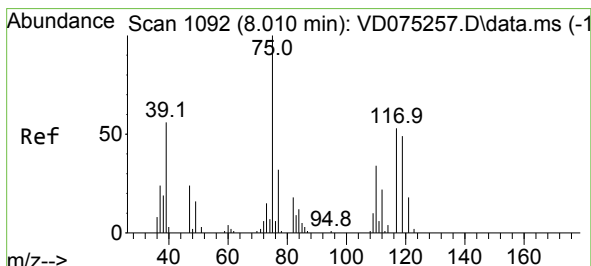
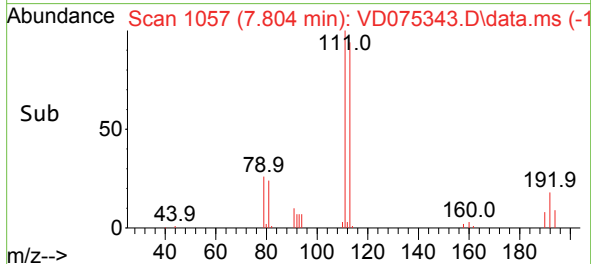
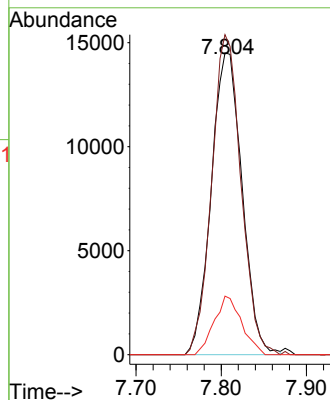
Tgt Ion:113 Resp: 36418

Ion Ratio Lower Upper

113 100

111 100.9 80.1 120.1

192 17.3 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.531 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.129 min

Lab File: VD075343.D

Acq: 14 Feb 2023 15:11

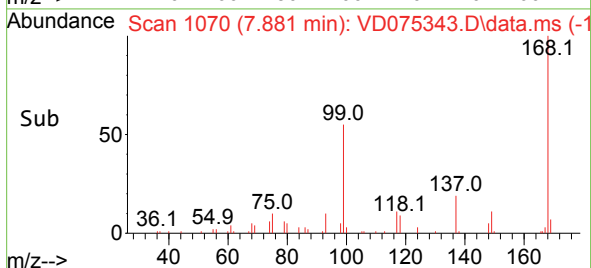
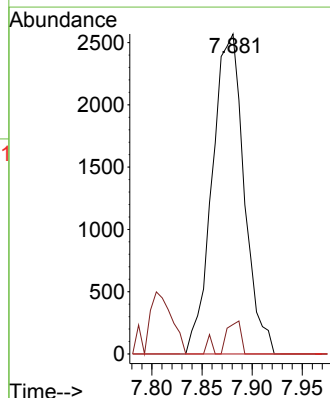
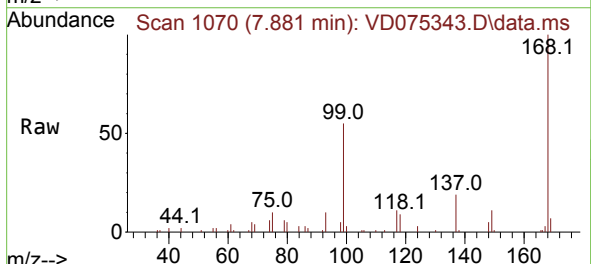
Tgt Ion: 75 Resp: 5682

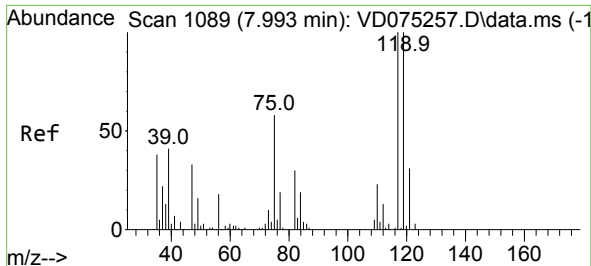
Ion Ratio Lower Upper

75 100

110 4.4 18.1 54.4#

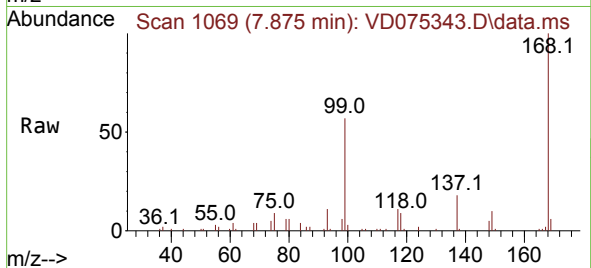
77 0.0 25.1 37.7#



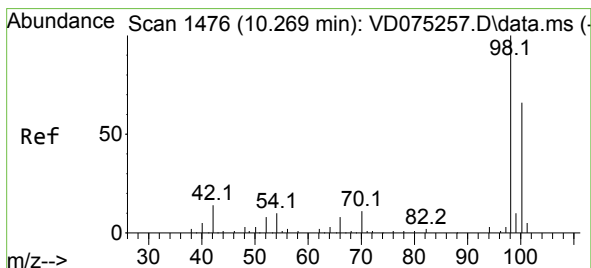
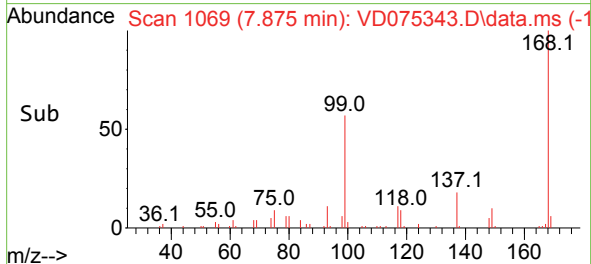
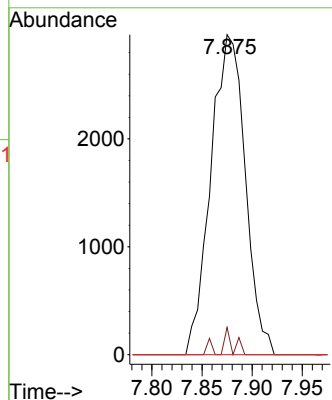


#38
Carbon Tetrachloride
Concen: 6.092 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD075343.D
Acq: 14 Feb 2023 15:11

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

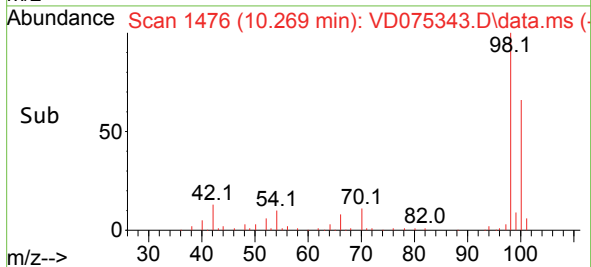
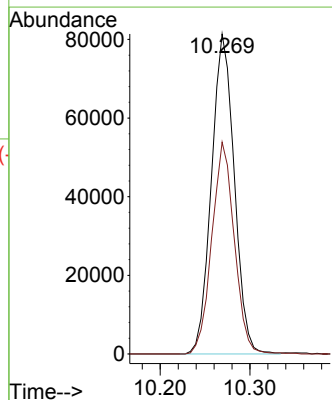
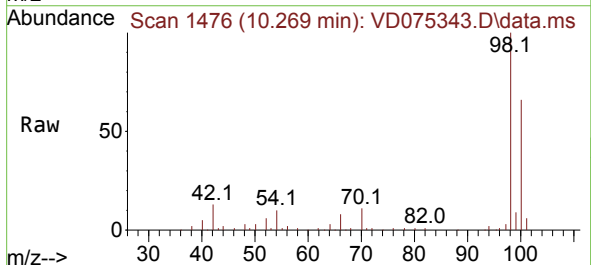


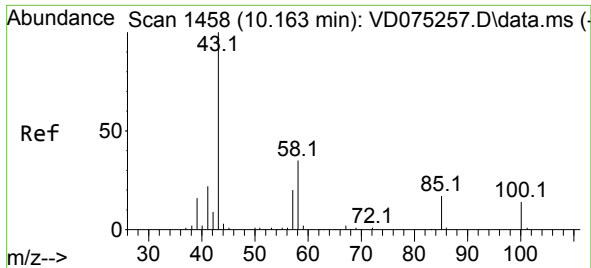
Tgt Ion:117 Resp: 7079
Ion Ratio Lower Upper
117 100
119 8.5 73.6 110.4#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 47.106 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075343.D
Acq: 14 Feb 2023 15:11

Tgt Ion: 98 Resp: 143806
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1

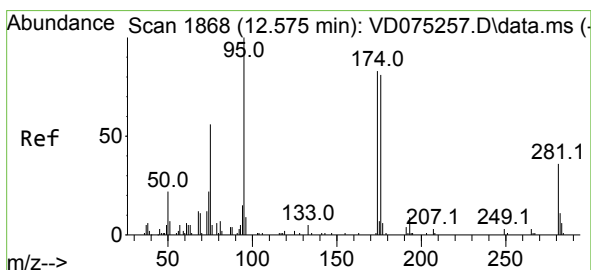
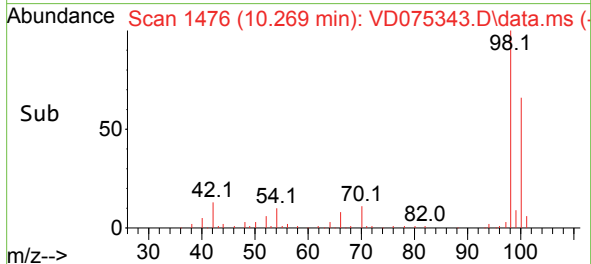
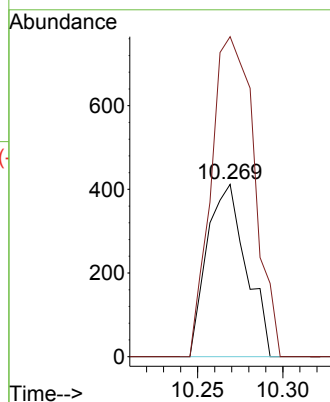
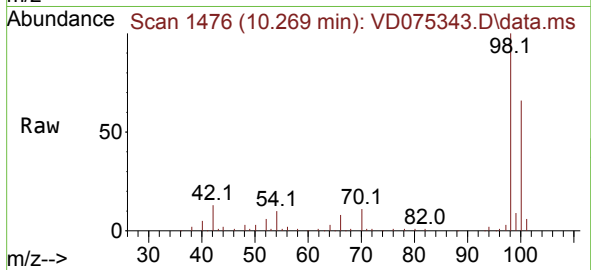




#51
4-Methyl-2-Pentanone
Concen: 1.244 ug/l
RT: 10.269 min Scan# 1458
Delta R.T. 0.106 min
Lab File: VD075343.D
Acq: 14 Feb 2023 15:11

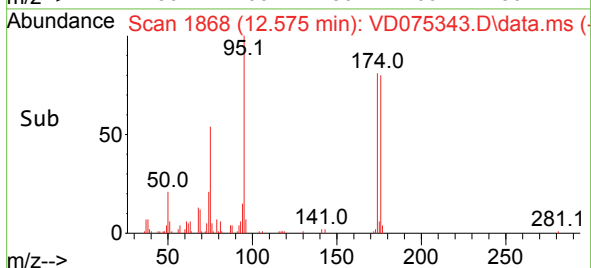
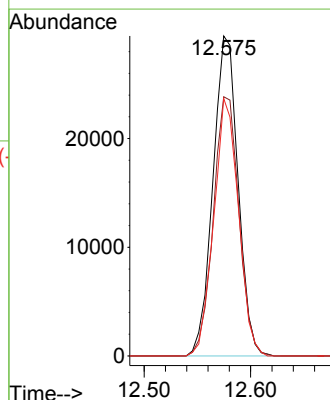
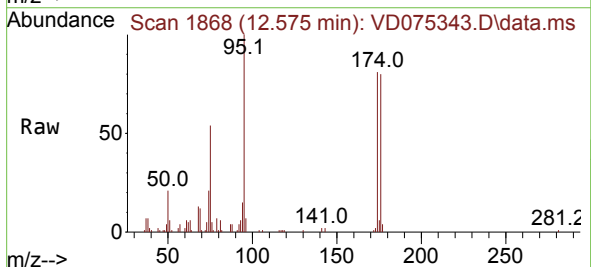
Instrument : MSVOA_D
ClientSampleId : DOMINICK-STREET-UTLITY-RELOCATION-EXCAVATION

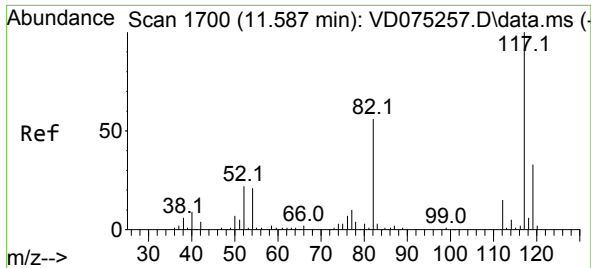
Tgt Ion: 43 Resp: 657
Ion Ratio Lower Upper
43 100
58 204.9 31.4 47.0#



#62
4-Bromofluorobenzene
Concen: 47.813 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075343.D
Acq: 14 Feb 2023 15:11

Tgt Ion: 95 Resp: 48130
Ion Ratio Lower Upper
95 100
174 82.6 0.0 161.2
176 79.3 0.0 160.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 115087
Delta R.T. -0.006 min
Lab File: VD075343.D
Acq: 14 Feb 2023 15:11

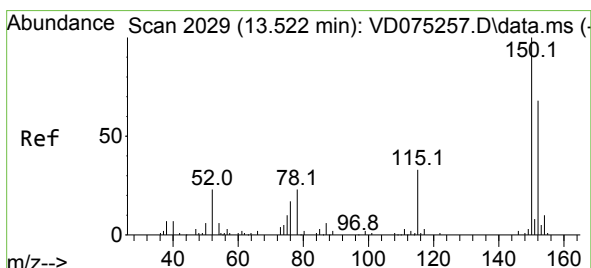
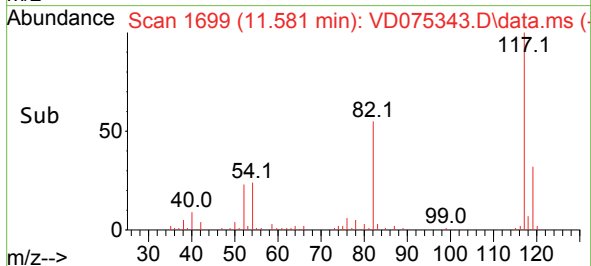
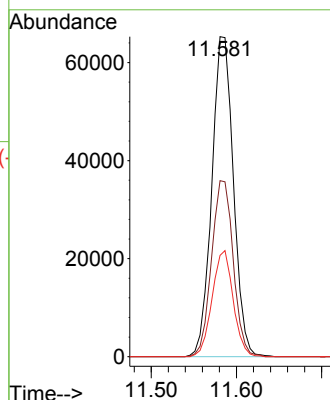
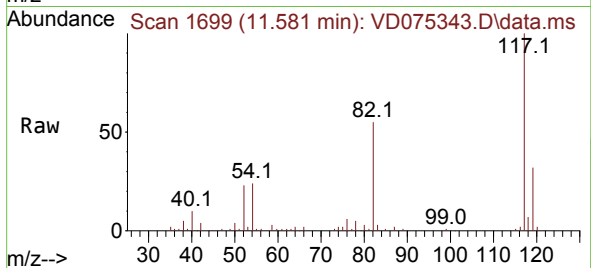
Instrument :

MSVOA_D

ClientSampleId :

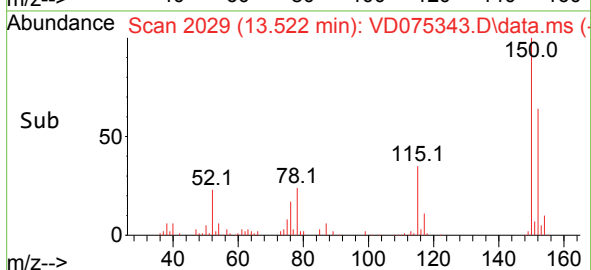
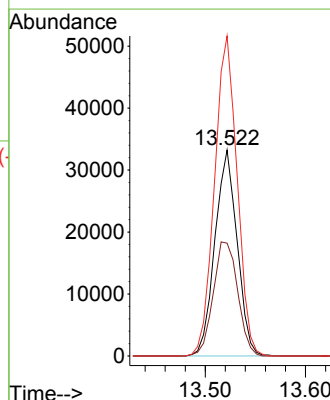
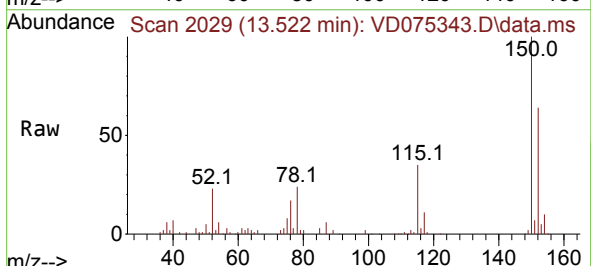
DOMINICK-STREET-UTLIITY-RELOCATION-EXCAVATION

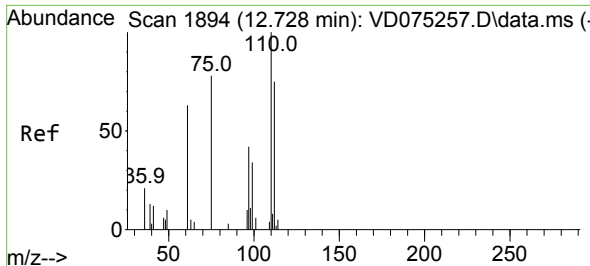
Tgt Ion:117 Resp: 115087
Ion Ratio Lower Upper
117 100
82 55.0 39.6 59.4
119 31.6 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075343.D
Acq: 14 Feb 2023 15:11

Tgt Ion:152 Resp: 51210
Ion Ratio Lower Upper
152 100
115 60.9 28.8 86.4
150 157.7 0.0 348.6

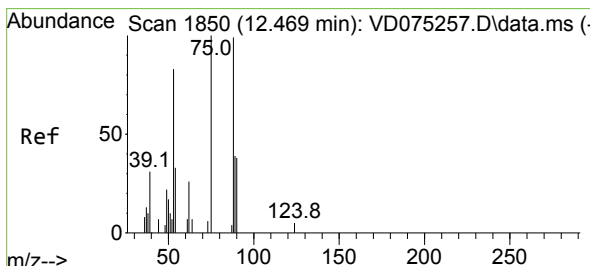
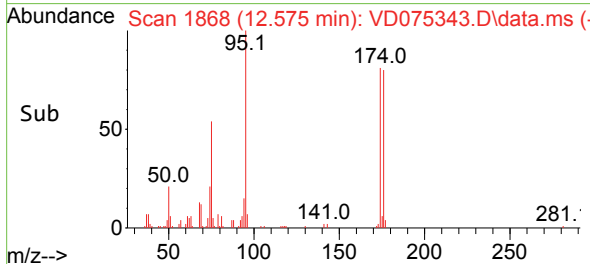
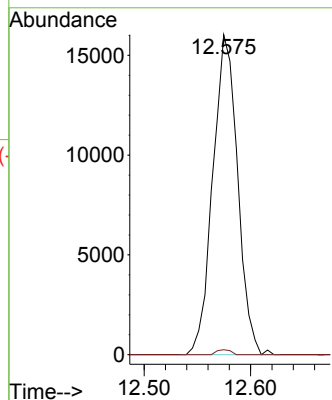
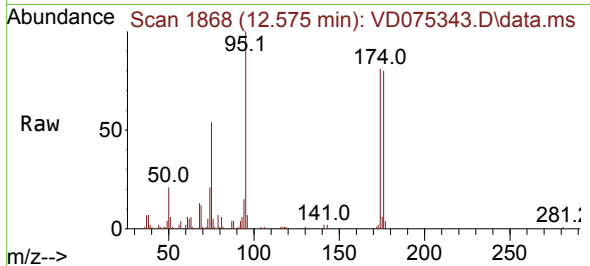




#76
1,2,3-Trichloropropane
Concen: 44.594 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075343.D
Acq: 14 Feb 2023 15:11

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

Tgt Ion: 75 Resp: 25939
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 140.782 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075343.D
Acq: 14 Feb 2023 15:11

Tgt Ion: 75 Resp: 25939
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#

