

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050523\
 Data File : VY013628.D
 Acq On : 05 May 2023 16:18
 Operator : KP/MD
 Sample : 02603-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BUR-SOILCOMP

Quant Time: May 08 00:24:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

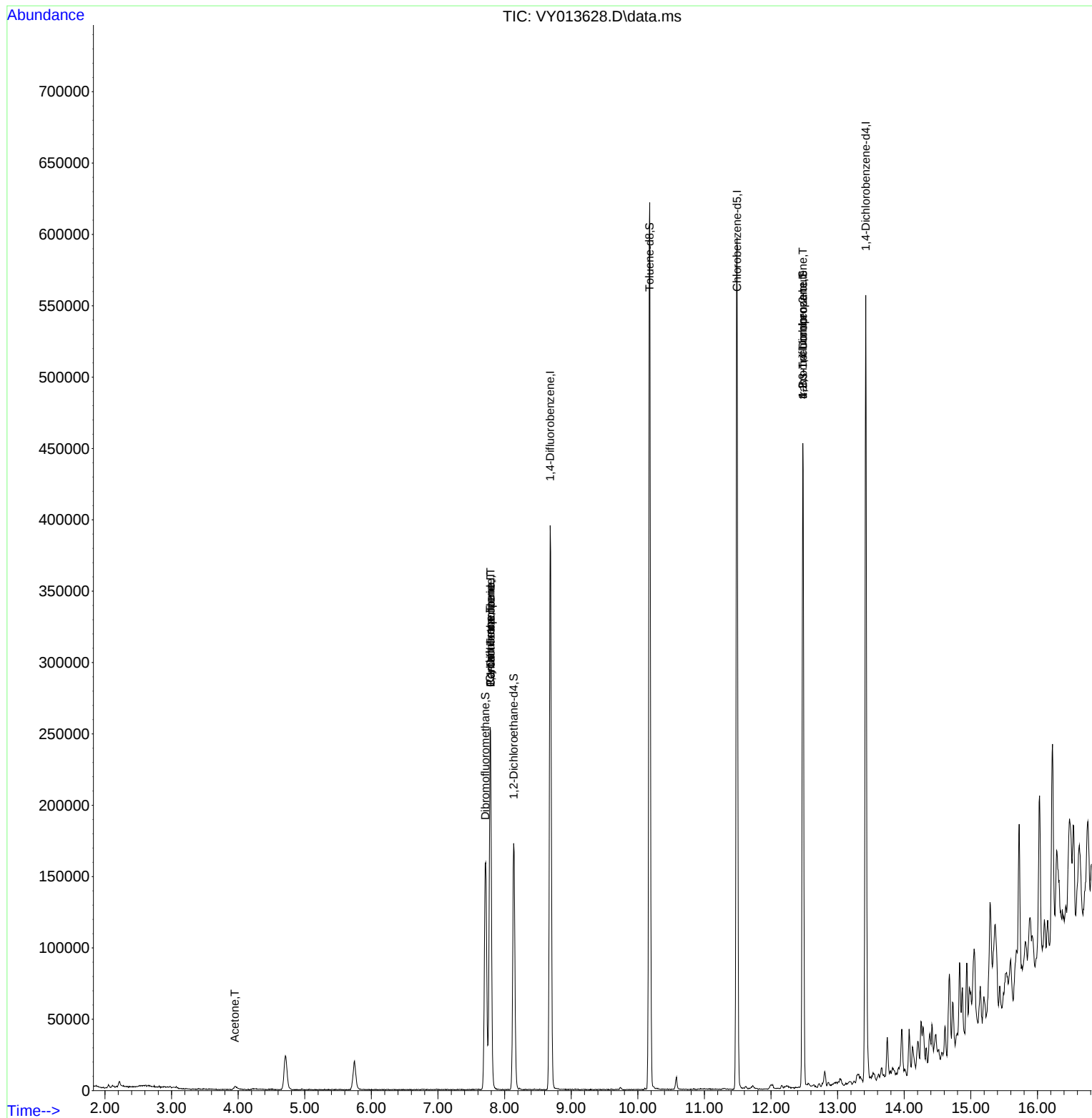
Internal Standards						
1) Pentafluorobenzene	7.789	168	196632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	331329	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	322851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	138852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	144902	67.224	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.440%	
35) Dibromofluoromethane	7.710	113	115649	55.496	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.000%	
50) Toluene-d8	10.179	98	405491	54.698	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.400%	
62) 4-Bromofluorobenzene	12.477	95	130181	52.089	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.180%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	4974	5.860	ug/l	91
20) Methylene Chloride	4.710	84	17441	Below Cal		98
31) Cyclohexane	7.783	56	4495	1.165	ug/l #	16
36) 1,1-Dichloropropene	7.789	75	15030	4.346	ug/l #	50
38) Carbon Tetrachloride	7.789	117	18749	5.172	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	70534	37.667	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	70534	77.049	ug/l #	13

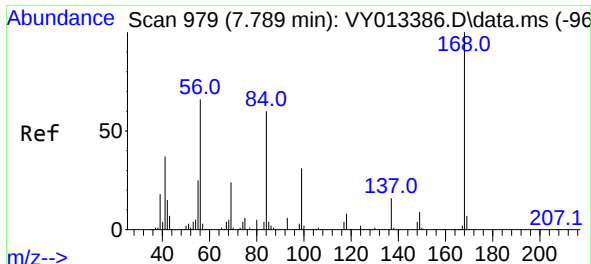
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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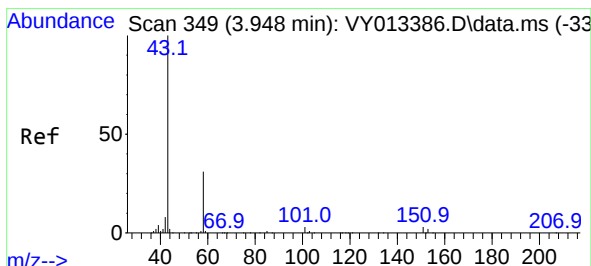
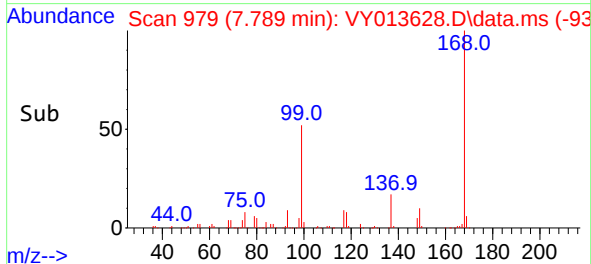
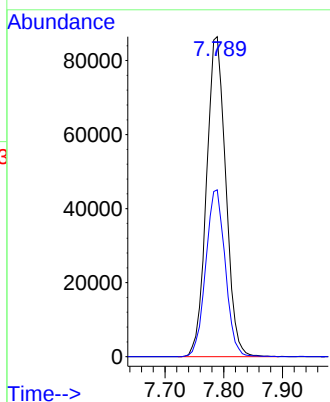
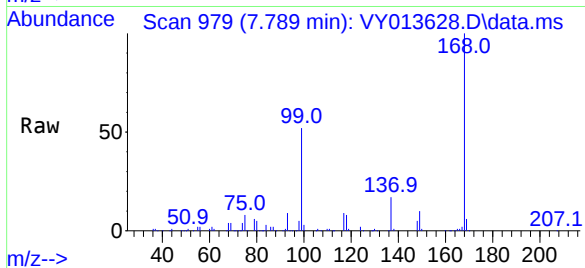




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013628.D
Acq: 05 May 2023 16:18

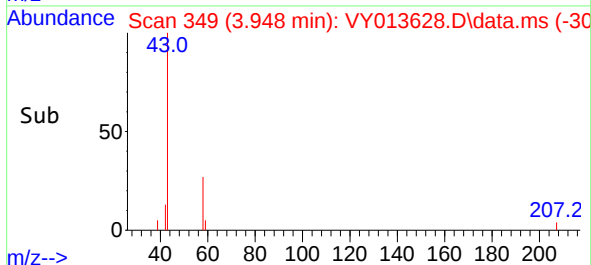
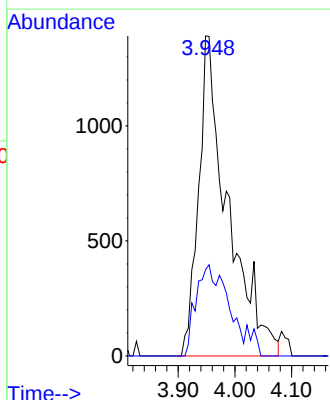
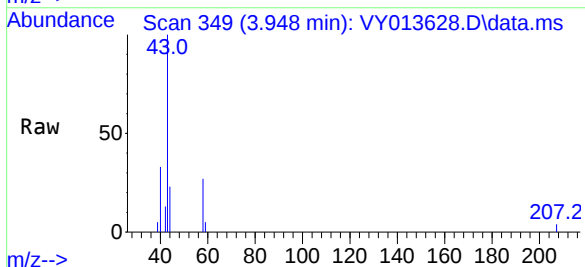
Instrument :
MSVOA_Y
ClientSampleId :
BUR-SOILCOMP

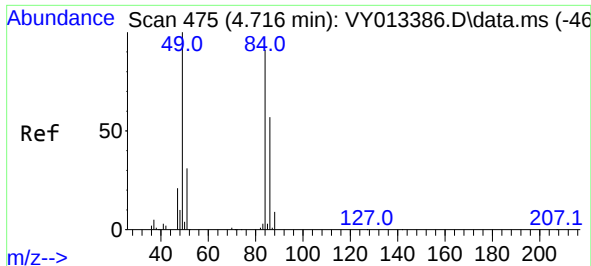
Tgt Ion:168 Resp: 196632
Ion Ratio Lower Upper
168 100
99 52.2 41.8 62.6



#16
Acetone
Concen: 5.860 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY013628.D
Acq: 05 May 2023 16:18

Tgt Ion: 43 Resp: 4974
Ion Ratio Lower Upper
43 100
58 27.0 25.4 38.0



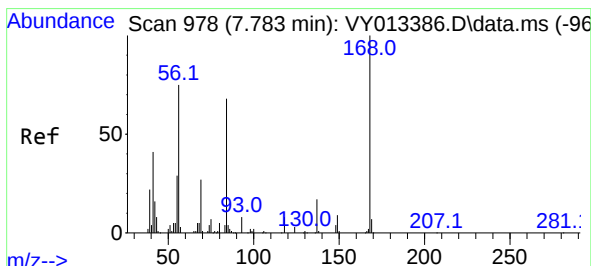
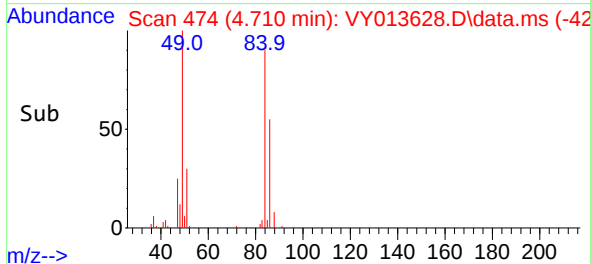
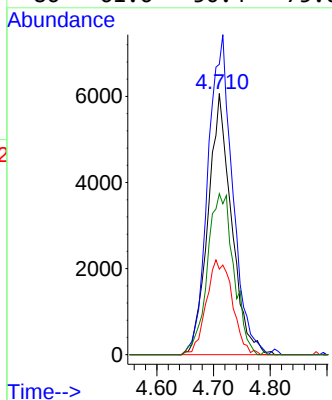
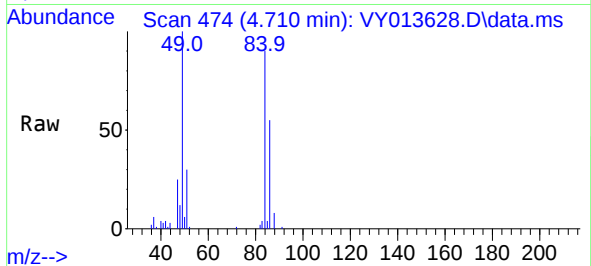


#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY013628.D
Acq: 05 May 2023 16:18

Instrument :
MSVOA_Y
ClientSampleId :
BUR-SOILCOMP

Tgt Ion: 84 Resp: 17441

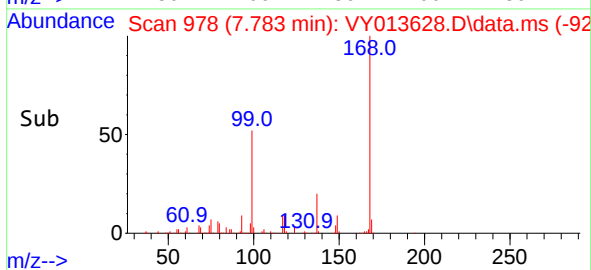
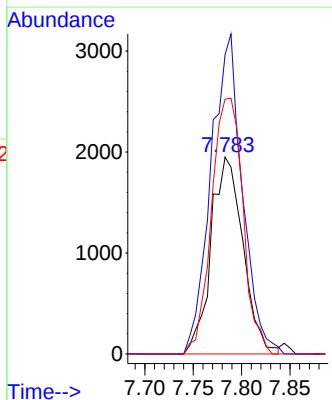
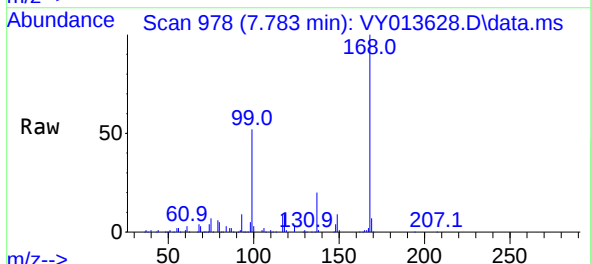
Ion	Ratio	Lower	Upper
84	100		
49	111.2	88.0	132.0
51	32.8	27.4	41.0
86	61.6	50.4	75.6

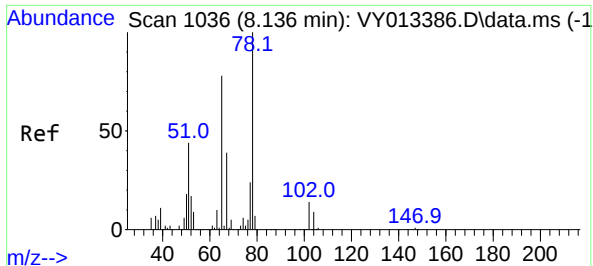


#31
Cyclohexane
Concen: 1.165 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY013628.D
Acq: 05 May 2023 16:18

Tgt Ion: 56 Resp: 4495

Ion	Ratio	Lower	Upper
56	100		
69	152.1	29.2	43.8#
84	129.5	73.0	109.6#





#33

1,2-Dichloroethane-d4

Concen: 67.224 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY013628.D

Acq: 05 May 2023 16:18

Instrument :

MSVOA_Y

ClientSampleId :

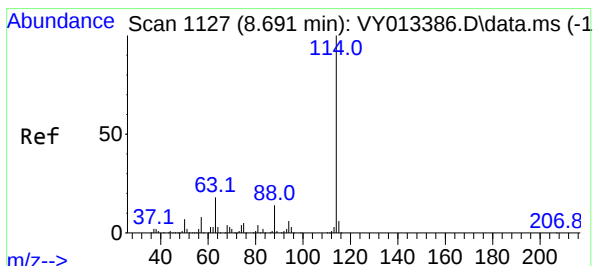
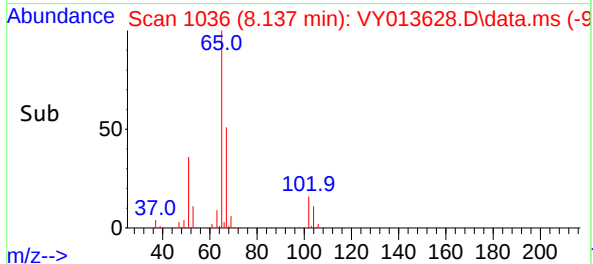
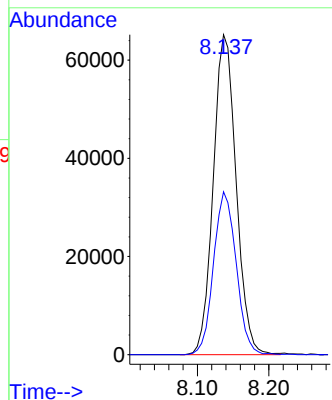
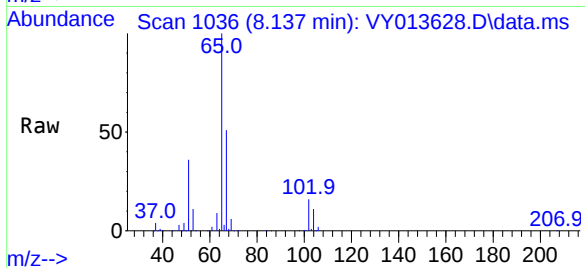
BUR-SOILCOMP

Tgt Ion: 65 Resp: 144902

Ion Ratio Lower Upper

65 100

67 50.4 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013628.D

Acq: 05 May 2023 16:18

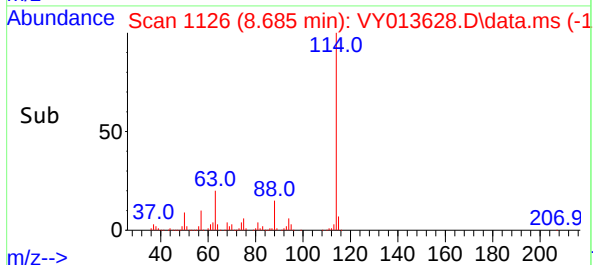
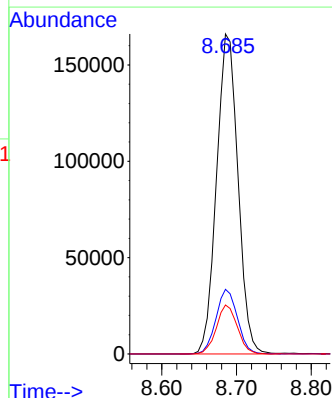
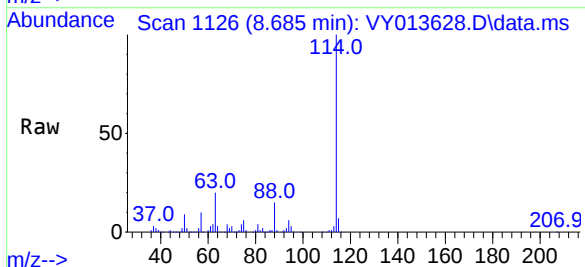
Tgt Ion: 114 Resp: 331329

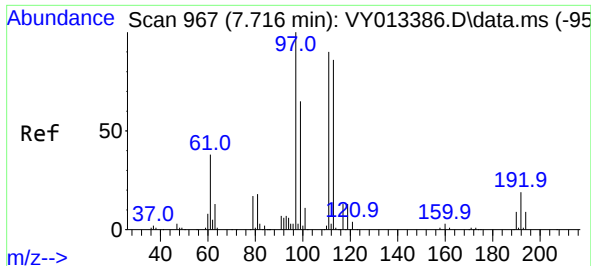
Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.6

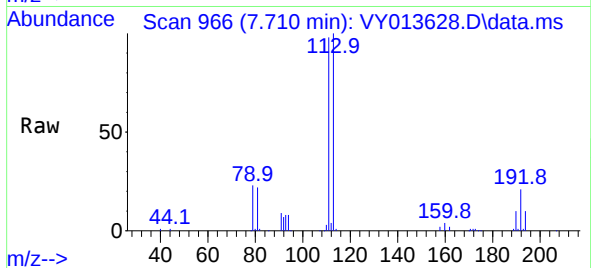
88 15.3 0.0 28.8



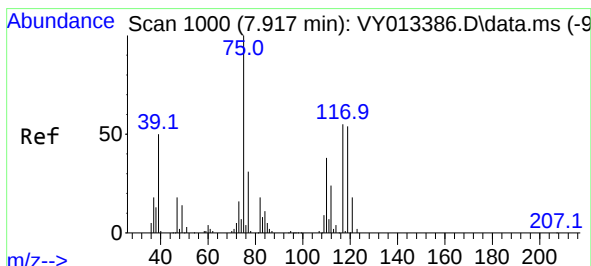
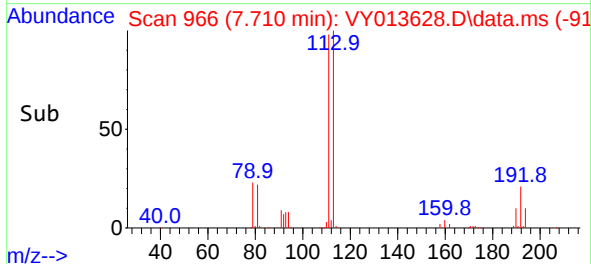
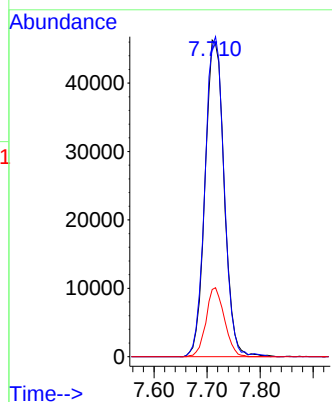


#35
Dibromofluoromethane
Concen: 55.496 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY013628.D
Acq: 05 May 2023 16:18

Instrument :
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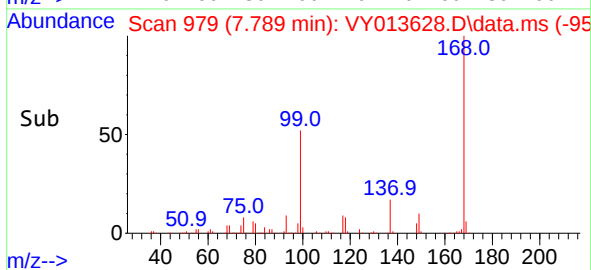
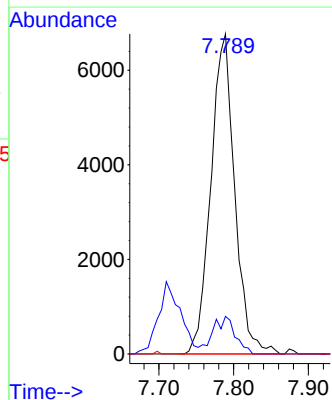
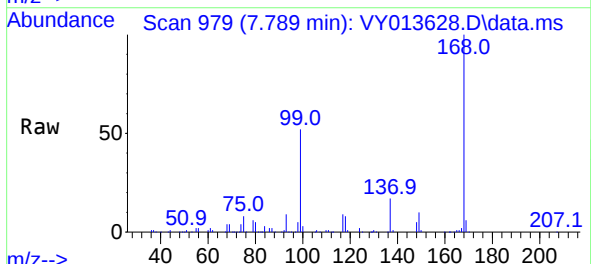


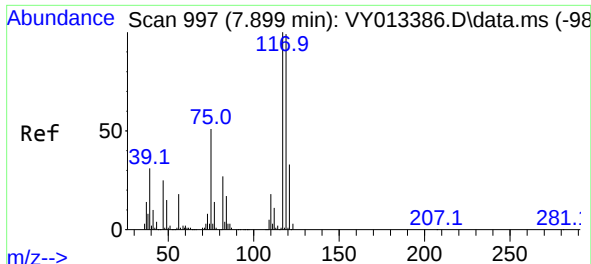
Tgt Ion:113 Resp: 115649
Ion Ratio Lower Upper
113 100
111 100.7 82.2 123.2
192 21.0 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.346 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY013628.D
Acq: 05 May 2023 16:18

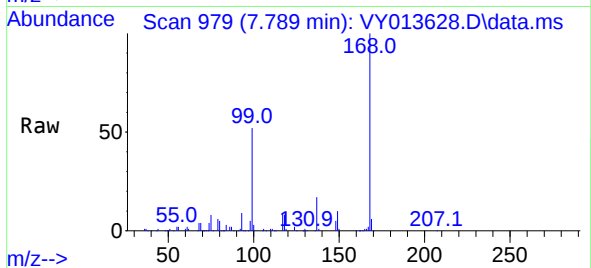
Tgt Ion: 75 Resp: 15030
Ion Ratio Lower Upper
75 100
110 11.0 18.7 56.1#
77 0.0 24.6 37.0#



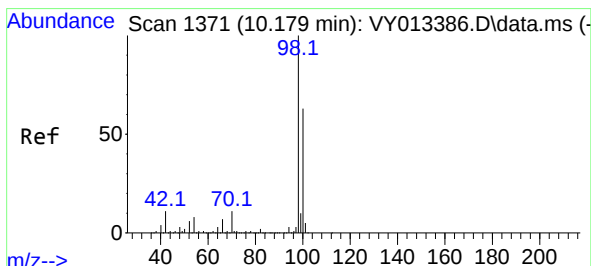
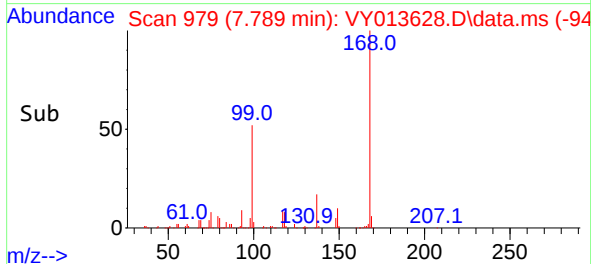
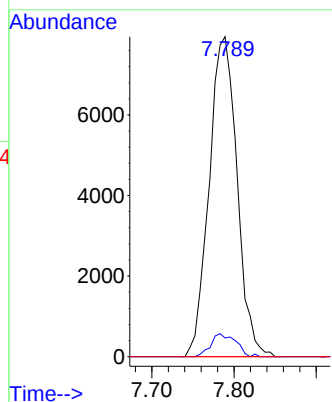


#38
Carbon Tetrachloride
Concen: 5.172 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013628.D
Acq: 05 May 2023 16:18

Instrument :
MSVOA_Y
ClientSampleId :
BUR-SOILCOMP

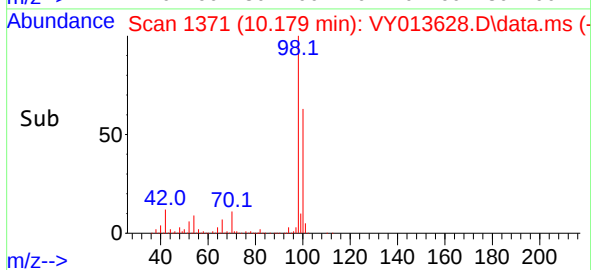
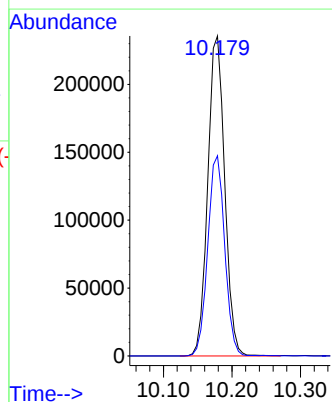
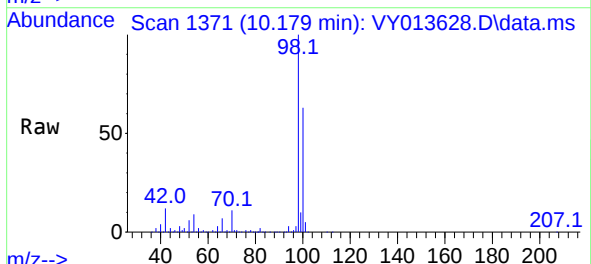


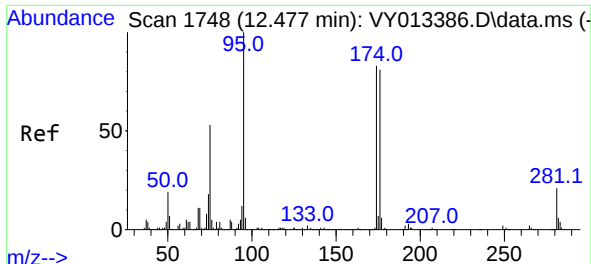
Tgt Ion:117 Resp: 18749
Ion Ratio Lower Upper
117 100
119 5.8 79.0 118.6#
121 0.0 26.6 40.0#



#50
Toluene-d8
Concen: 54.698 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013628.D
Acq: 05 May 2023 16:18

Tgt Ion: 98 Resp: 405491
Ion Ratio Lower Upper
98 100
100 62.7 50.5 75.7

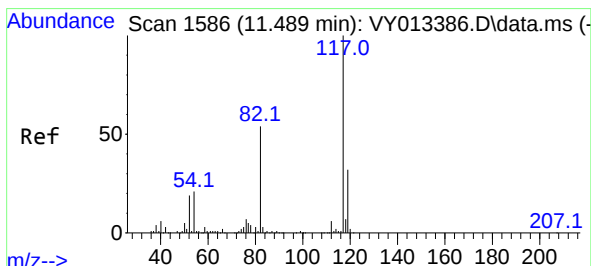
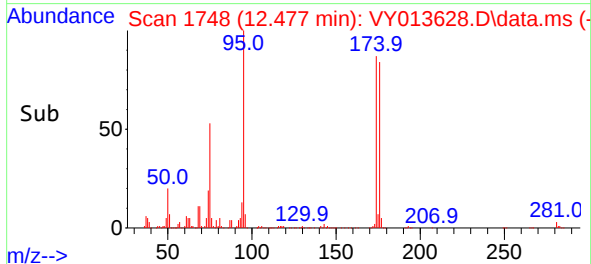
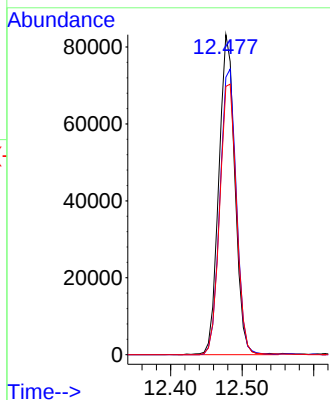
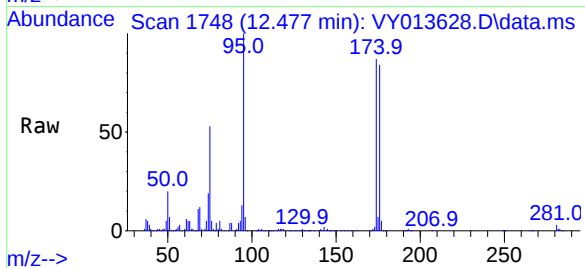




#62
4-Bromofluorobenzene
Concen: 52.089 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013628.D
Acq: 05 May 2023 16:18

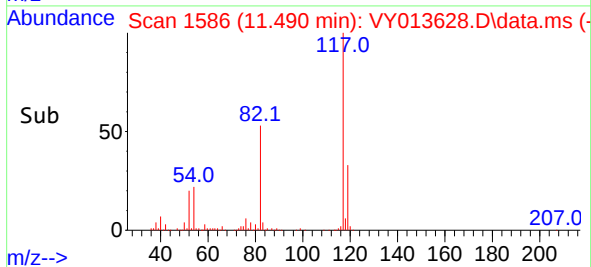
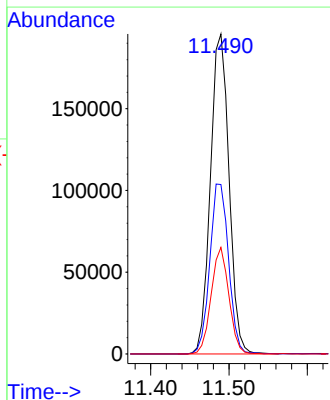
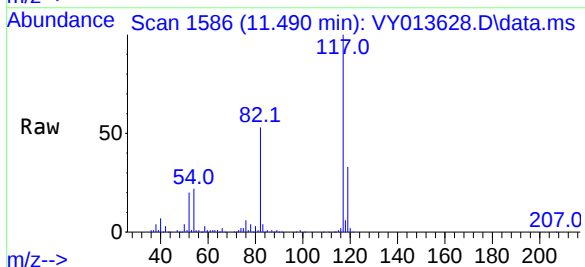
Instrument :
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ClientSampleId :
BUR-SOILCOMP

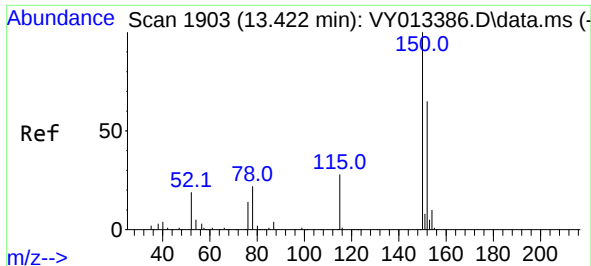
Tgt Ion: 95 Resp: 130181
Ion Ratio Lower Upper
95 100
174 90.9 0.0 182.0
176 87.7 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY013628.D
Acq: 05 May 2023 16:18

Tgt Ion: 117 Resp: 322851
Ion Ratio Lower Upper
117 100
82 53.0 43.0 64.6
119 33.3 25.5 38.3

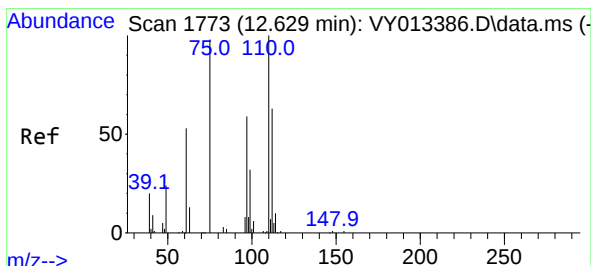
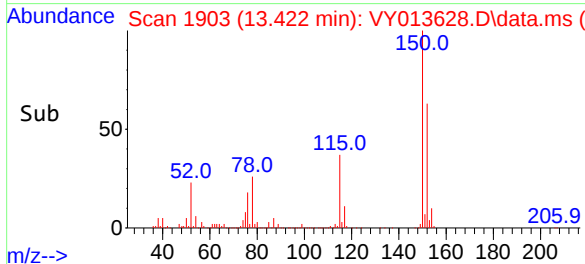
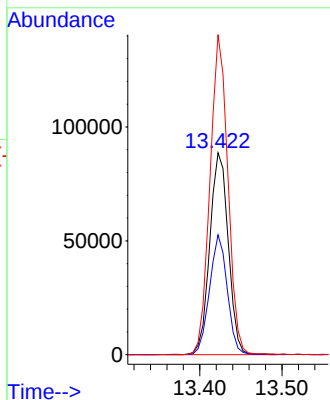
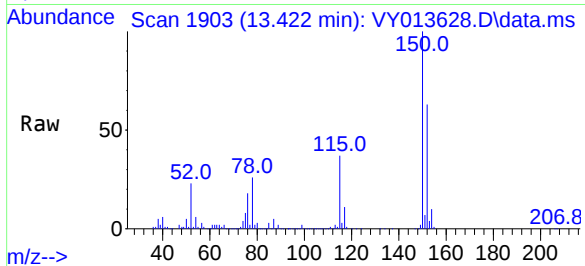




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013628.D
Acq: 05 May 2023 16:18

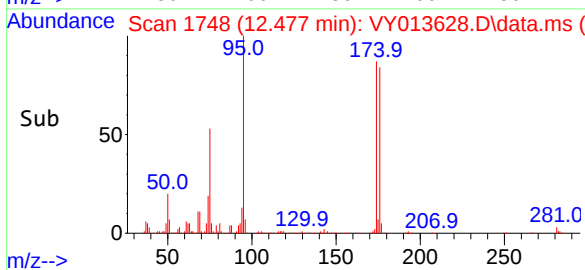
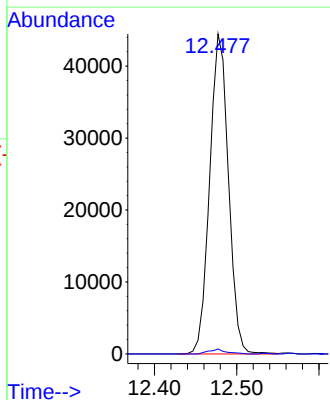
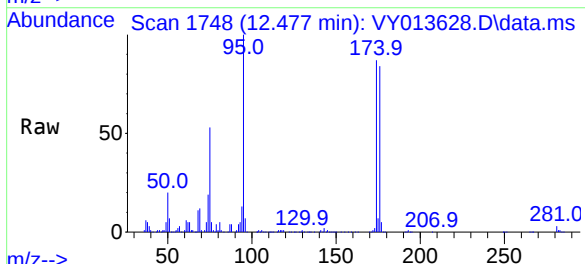
Instrument :
MSVOA_Y
ClientSampleId :
BUR-SOILCOMP

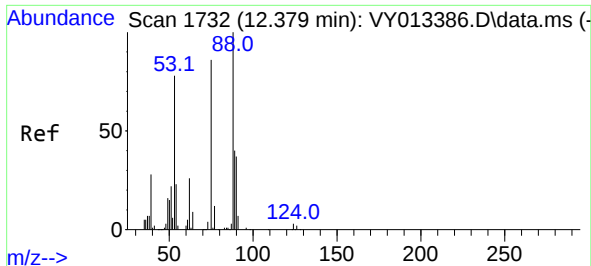
Tgt Ion:152 Resp: 138852
Ion Ratio Lower Upper
152 100
115 56.8 28.1 84.2
150 152.9 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 37.667 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY013628.D
Acq: 05 May 2023 16:18

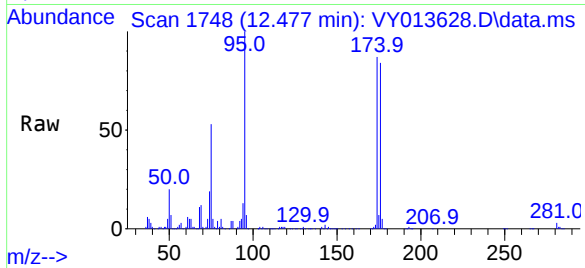
Tgt Ion: 75 Resp: 70534
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.049 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY013628.D
 Acq: 05 May 2023 16:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 BUR-SOILCOMP



Tgt Ion: 75 Resp: 70534
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.2 109.8#
 89 0.1 38.0 57.0#

