

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031623\
 Data File : VY012981.D
 Acq On : 16 Mar 2023 19:26
 Operator : KP/MD
 Sample : 01963-01
 Misc : 5.95g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NYE-SOIL-0316

Quant Time: Mar 17 01:40:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

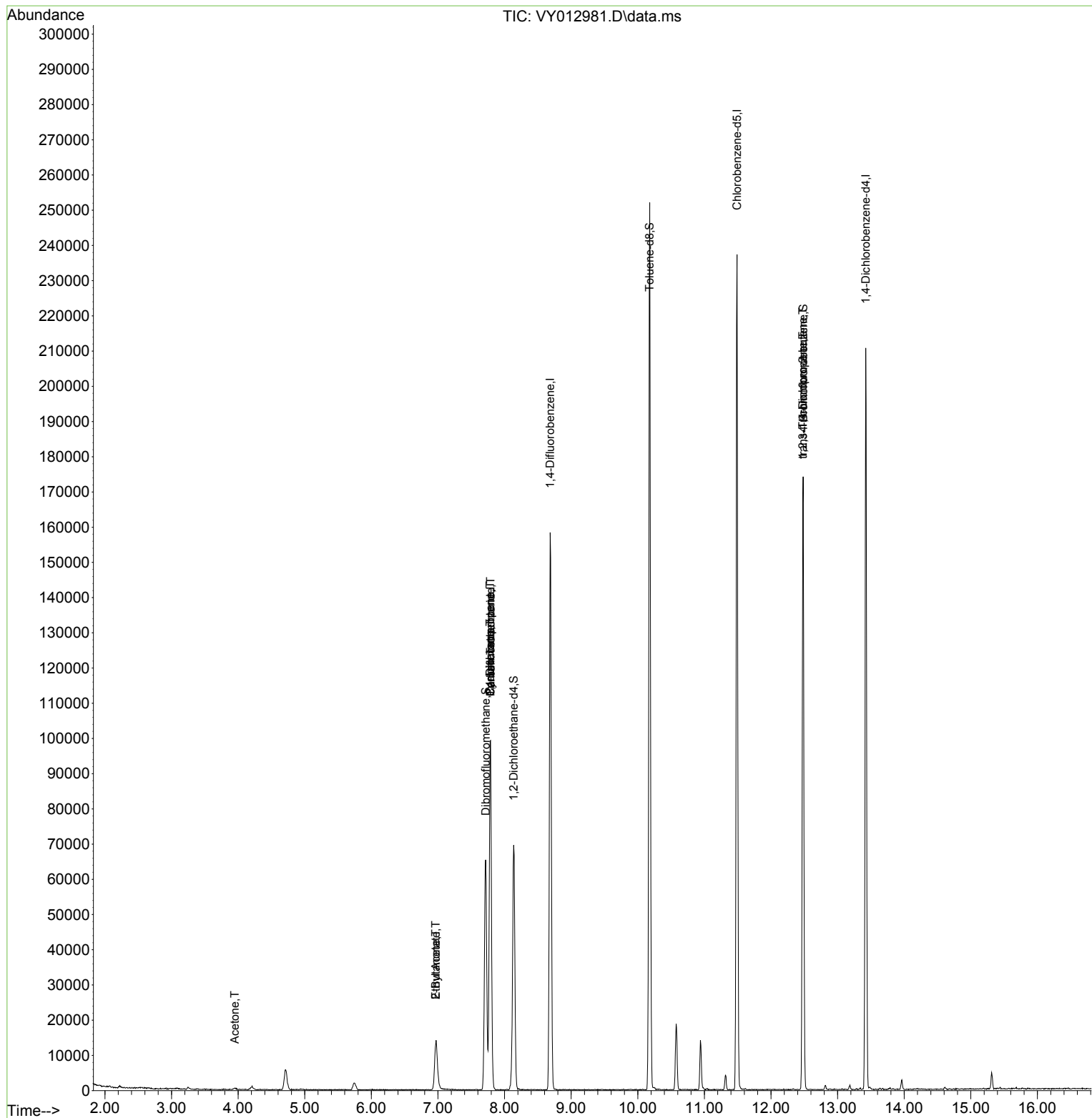
Internal Standards						
1) Pentafluorobenzene	7.789	168	79320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	133413	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	123788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	53181	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	53357	67.751	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.500%
35) Dibromofluoromethane	7.716	113	46137	57.303	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.600%
50) Toluene-d8	10.179	98	160543	54.542	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.080%
62) 4-Bromofluorobenzene	12.483	95	48270	48.586	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.180%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	385	Below Cal	#	74
16) Acetone	3.948	43	812	2.627	ug/l	96
20) Methylene Chloride	4.710	84	4049	Below Cal		90
25) 2-Butanone	6.966	43	856	2.236	ug/l #	49
31) Cyclohexane	7.783	56	1652	1.095	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	6077	4.504	ug/l #	48
37) Ethyl Acetate	6.966	43	856	1.007	ug/l #	1
38) Carbon Tetrachloride	7.789	117	7418	5.324	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	25510	40.169	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	25510	83.231	ug/l #	13

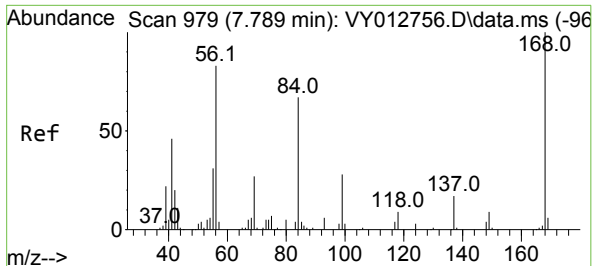
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_Y
ClientSampleId :
NYE-SOIL-0316

Quant Time: Mar 17 01:40:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration

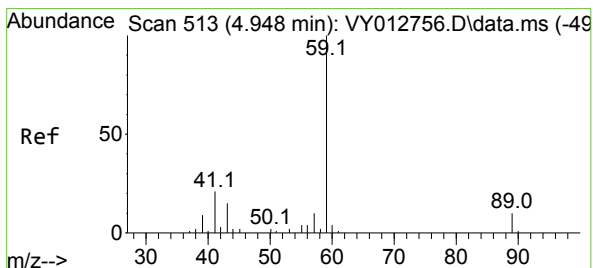
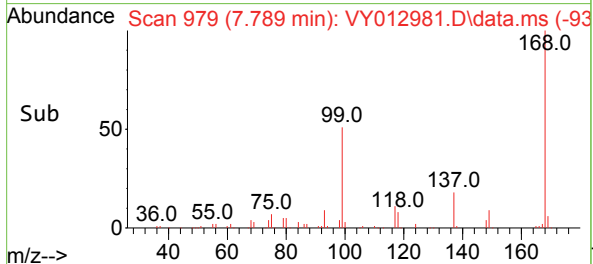
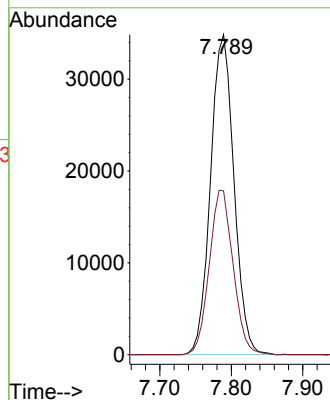
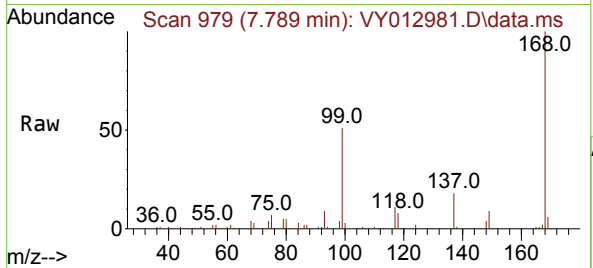




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012981.D
Acq: 16 Mar 2023 19:26

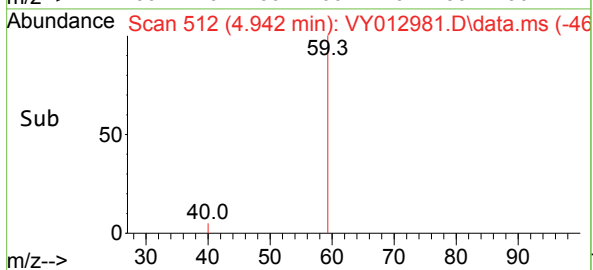
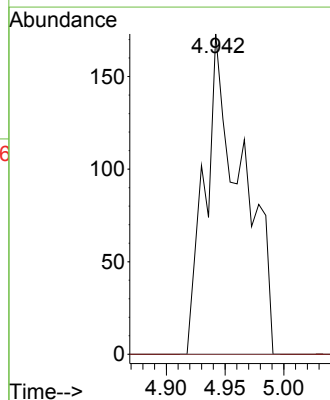
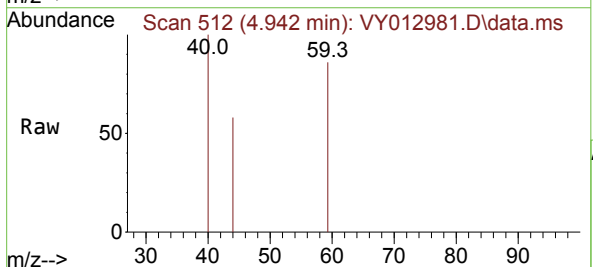
Instrument :
MSVOA_Y
ClientSampleId :
NYE-SOIL-0316

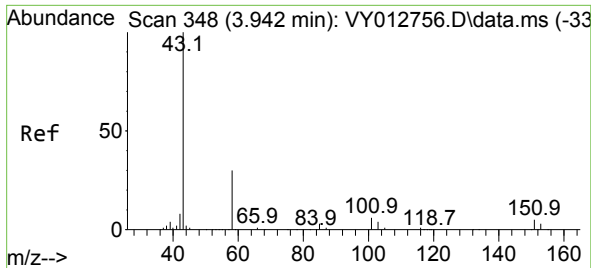
Tgt Ion:168 Resp: 79320
Ion Ratio Lower Upper
168 100
99 51.2 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY012981.D
Acq: 16 Mar 2023 19:26

Tgt Ion: 59 Resp: 385
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#





#16

Acetone

Concen: 2.627 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY012981.D

Acq: 16 Mar 2023 19:26

Instrument :

MSVOA_Y

ClientSampleId :

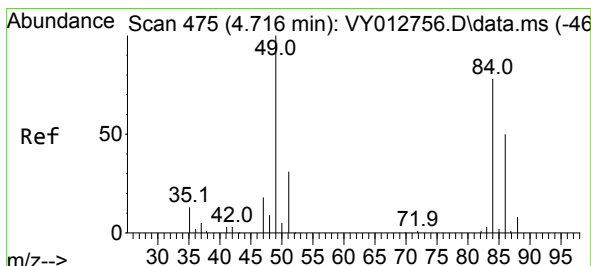
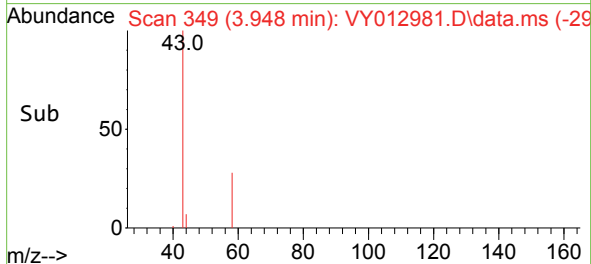
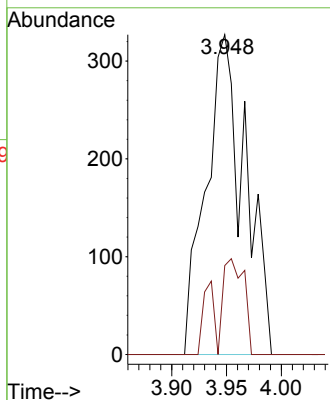
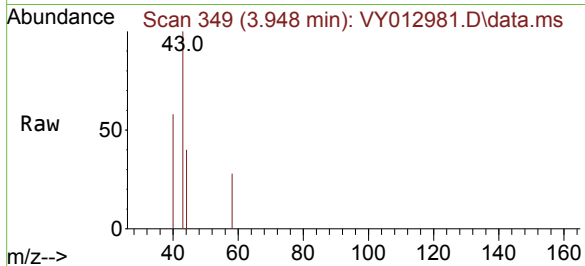
NYE-SOIL-0316

Tgt Ion: 43 Resp: 812

Ion Ratio Lower Upper

43 100

58 27.8 24.2 36.2



#20

Methylene Chloride

Concen: Below Cal

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY012981.D

Acq: 16 Mar 2023 19:26

Tgt Ion: 84 Resp: 4049

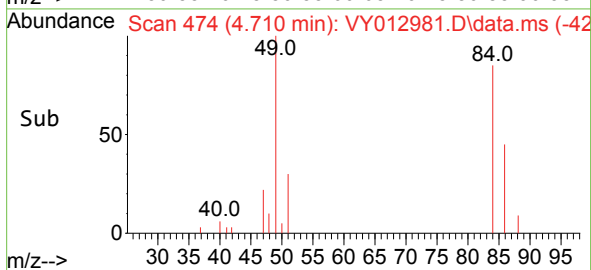
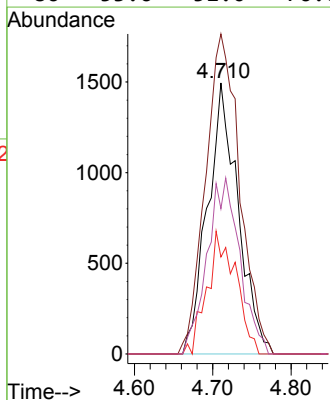
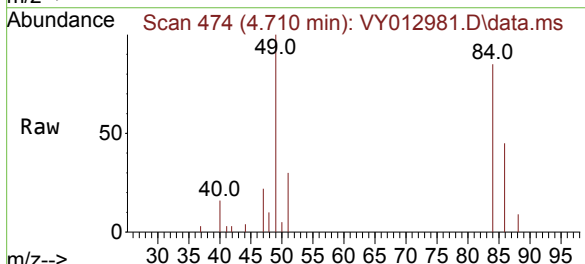
Ion Ratio Lower Upper

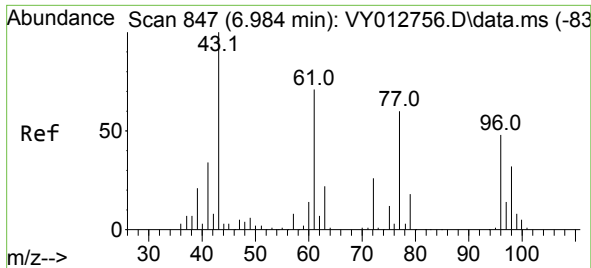
84 100

49 118.1 102.6 154.0

51 35.8 31.9 47.9

86 53.6 51.0 76.6

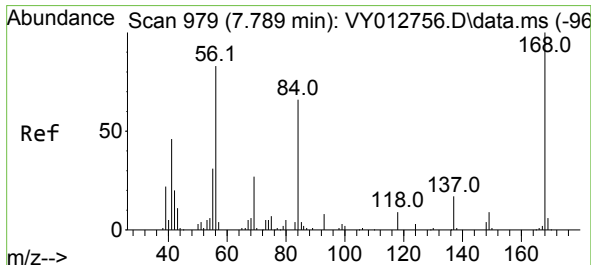
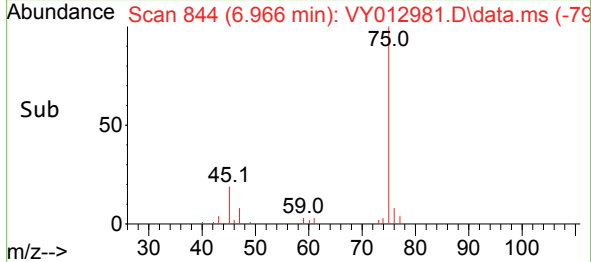
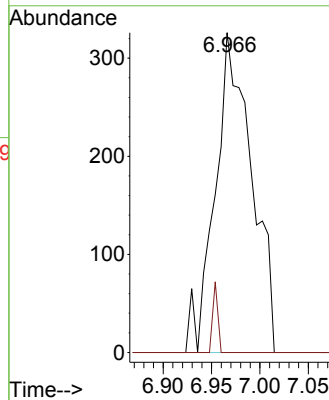
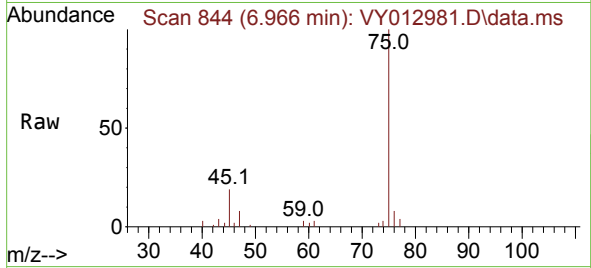




#25
2-Butanone
Concen: 2.236 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.018 min
Lab File: VY012981.D
Acq: 16 Mar 2023 19:26

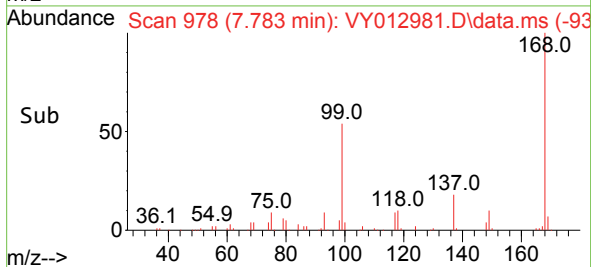
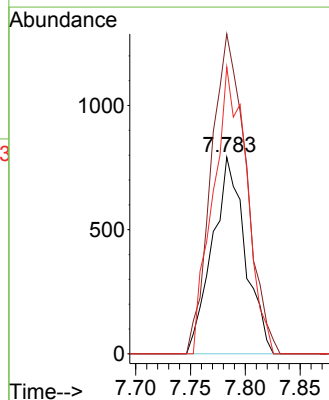
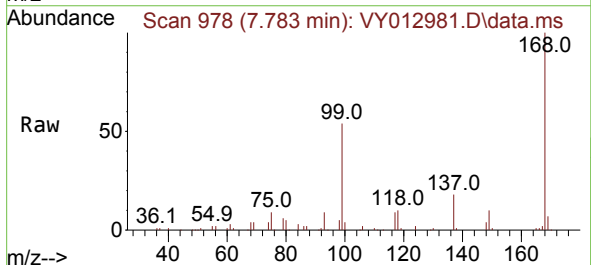
Instrument :
MSVOA_Y
ClientSampleId :
NYE-SOIL-0316

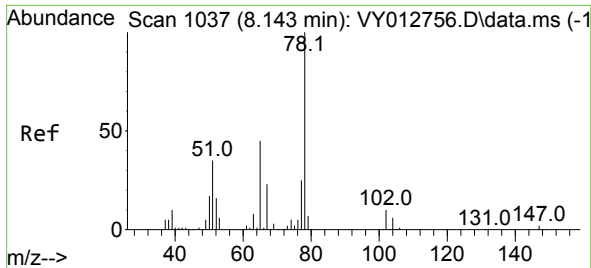
Tgt Ion: 43 Resp: 856
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.4#



#31
Cyclohexane
Concen: 1.095 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY012981.D
Acq: 16 Mar 2023 19:26

Tgt Ion: 56 Resp: 1652
Ion Ratio Lower Upper
56 100
69 162.6 25.7 38.5#
84 145.8 64.3 96.5#

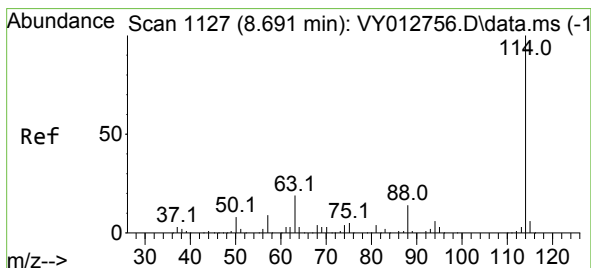
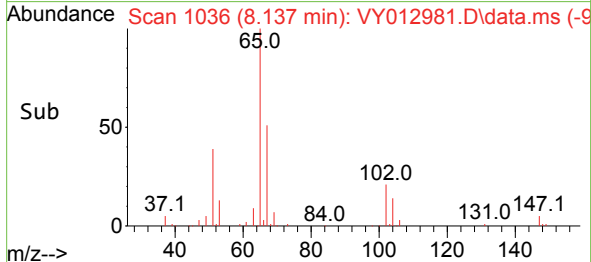
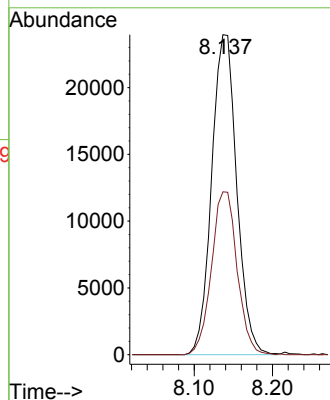
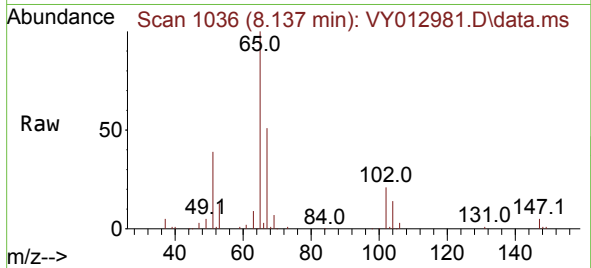




#33
 1,2-Dichloroethane-d4
 Concen: 67.751 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY012981.D
 Acq: 16 Mar 2023 19:26

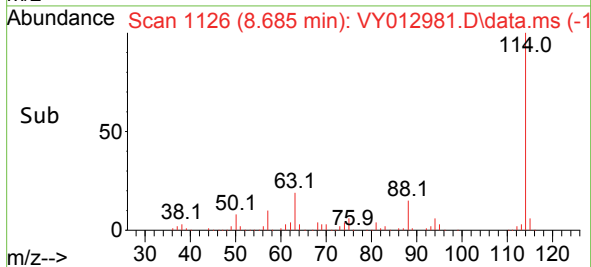
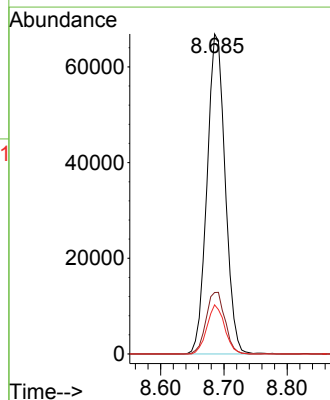
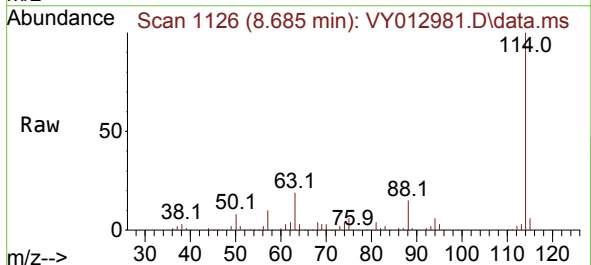
Instrument :
 MSVOA_Y
 ClientSampleId :
 NYE-SOIL-0316

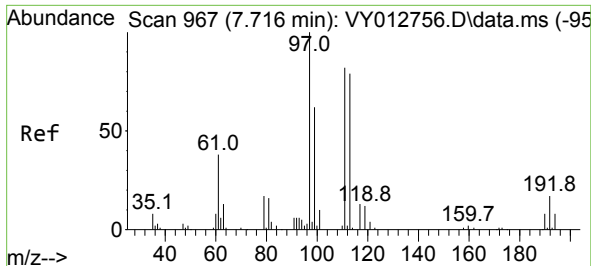
Tgt Ion: 65 Resp: 53357
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY012981.D
 Acq: 16 Mar 2023 19:26

Tgt Ion: 114 Resp: 133413
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 37.4
 88 15.3 0.0 28.6

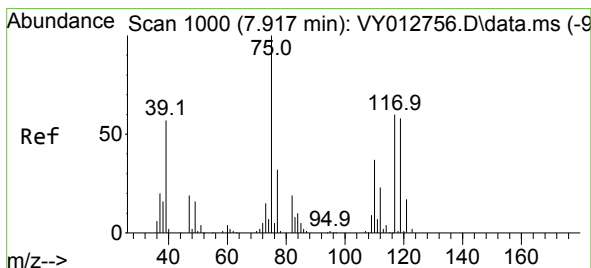
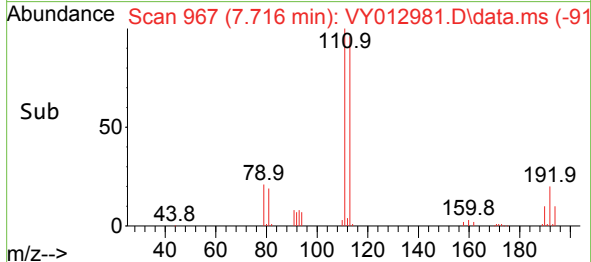
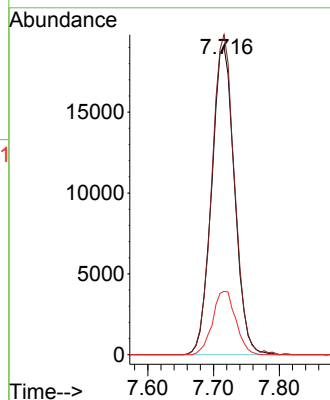
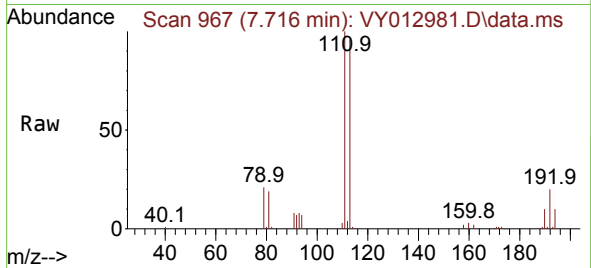




#35
Dibromofluoromethane
Concen: 57.303 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012981.D
Acq: 16 Mar 2023 19:26

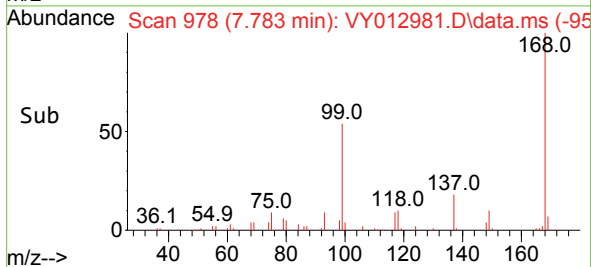
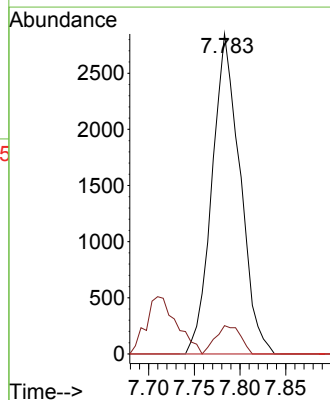
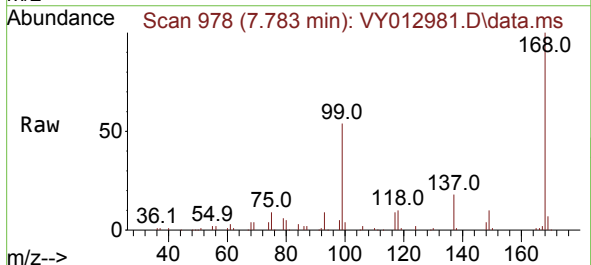
Instrument :
MSVOA_Y
ClientSampleId :
NYE-SOIL-0316

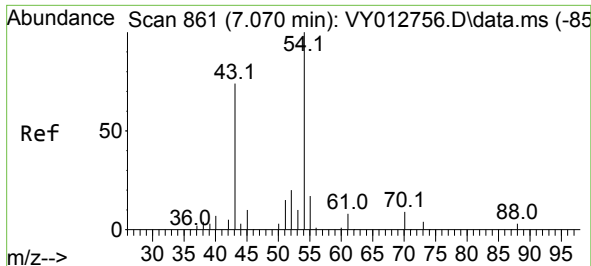
Tgt Ion:113 Resp: 46137
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 20.8 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.504 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY012981.D
Acq: 16 Mar 2023 19:26

Tgt Ion: 75 Resp: 6077
Ion Ratio Lower Upper
75 100
110 7.8 17.8 53.3#
77 0.0 25.0 37.4#

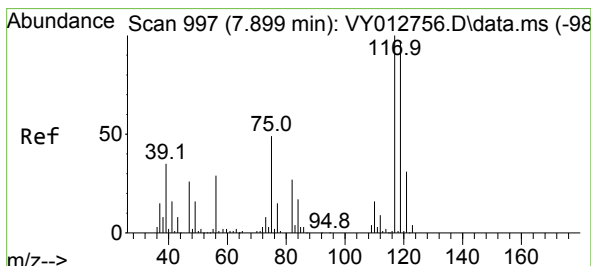
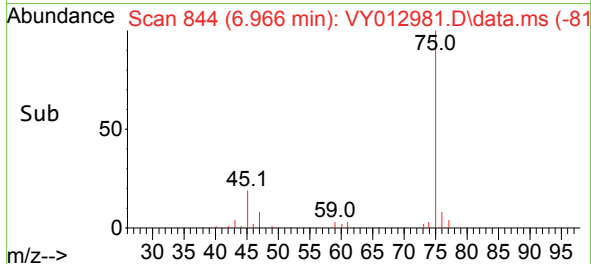
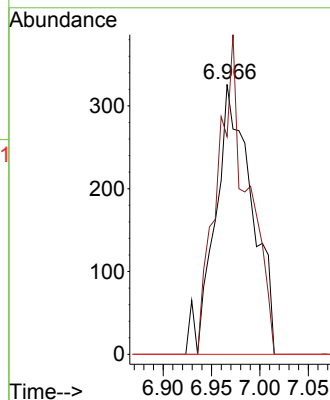
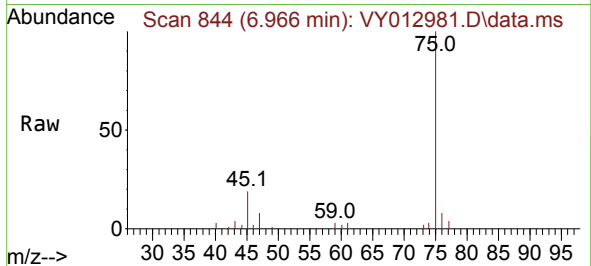




#37
Ethyl Acetate
Concen: 1.007 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.104 min
Lab File: VY012981.D
Acq: 16 Mar 2023 19:26

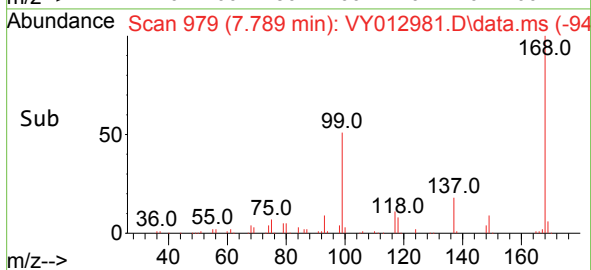
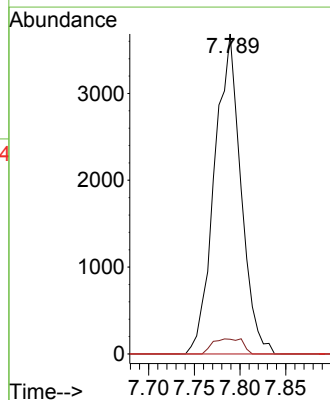
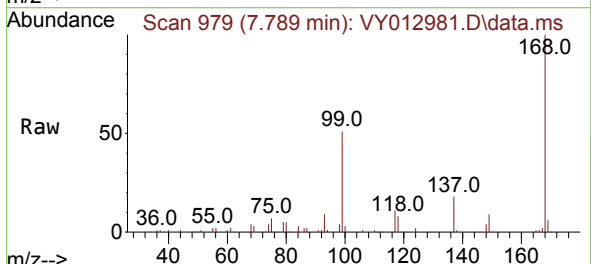
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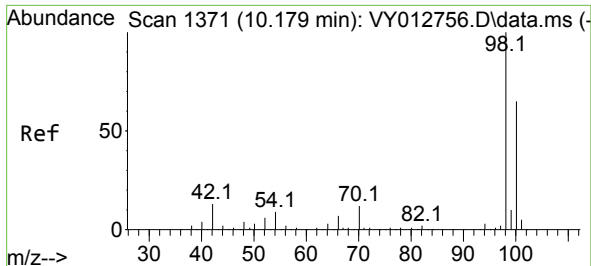
Tgt Ion: 43 Resp: 856
Ion Ratio Lower Upper
43 100
61 99.4 10.7 16.1#
70 0.0 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 5.324 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY012981.D
Acq: 16 Mar 2023 19:26

Tgt Ion: 117 Resp: 7418
Ion Ratio Lower Upper
117 100
119 4.6 77.2 115.8#
121 0.0 24.7 37.1#

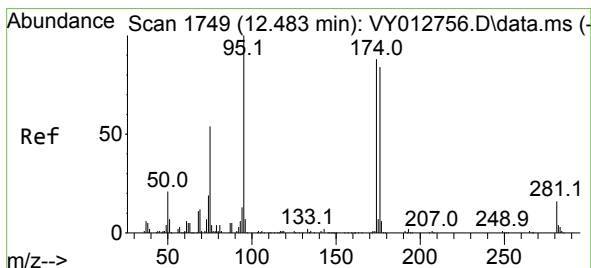
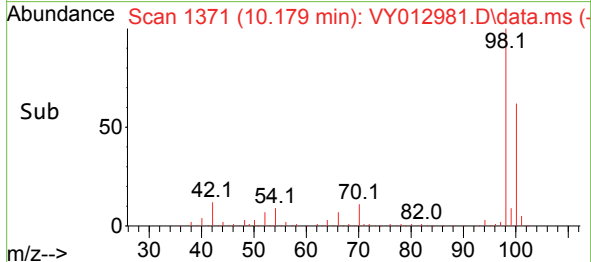
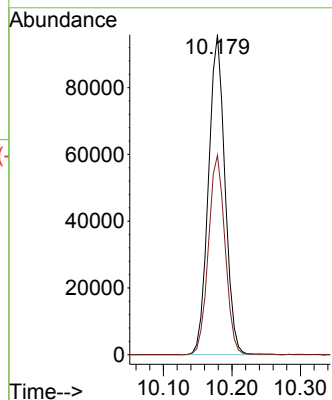
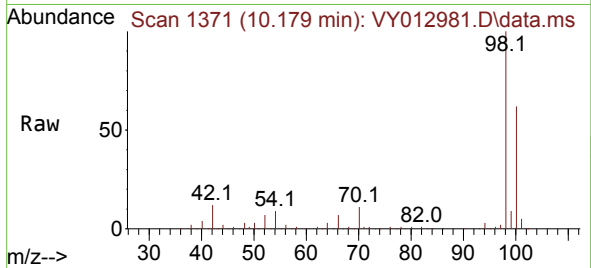




#50
Toluene-d8
Concen: 54.542 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012981.D
Acq: 16 Mar 2023 19:26

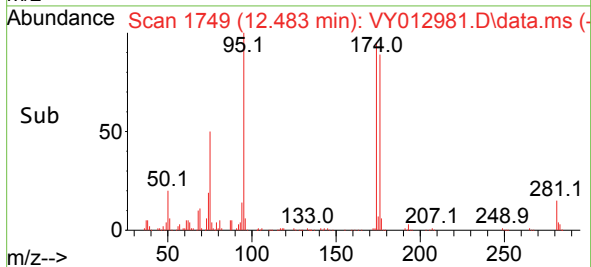
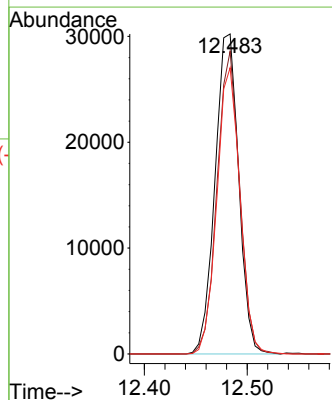
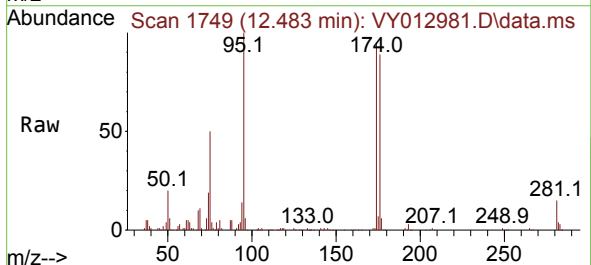
Instrument :
MSVOA_Y
ClientSampleId :
NYE-SOIL-0316

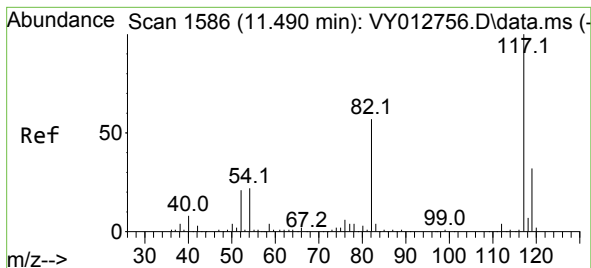
Tgt Ion: 98 Resp: 160543
Ion Ratio Lower Upper
98 100
100 62.9 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 48.586 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012981.D
Acq: 16 Mar 2023 19:26

Tgt Ion: 95 Resp: 48270
Ion Ratio Lower Upper
95 100
174 90.5 0.0 176.6
176 87.3 0.0 170.2

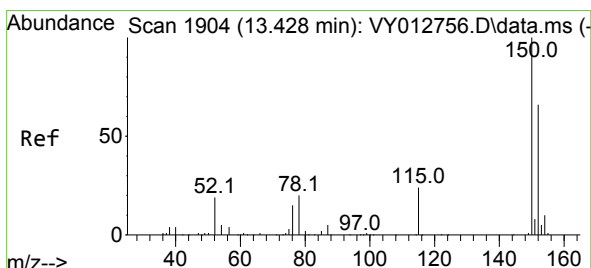
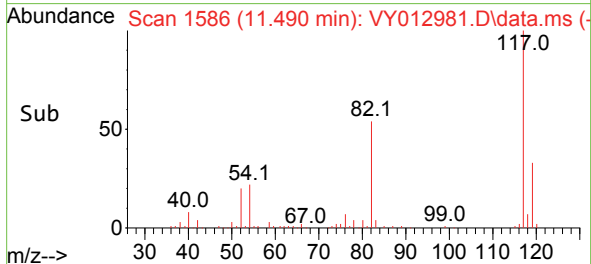
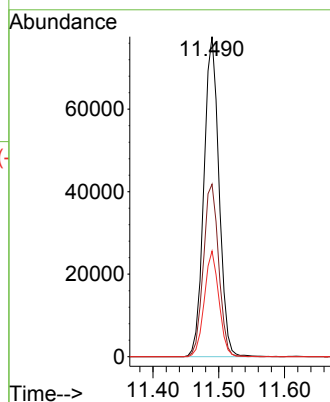
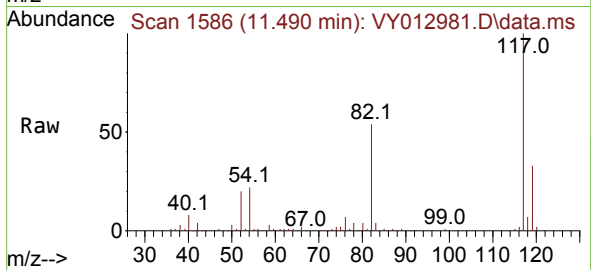




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012981.D
Acq: 16 Mar 2023 19:26

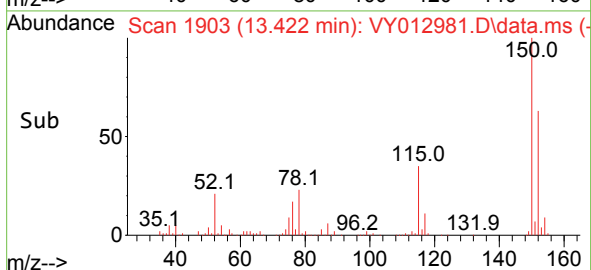
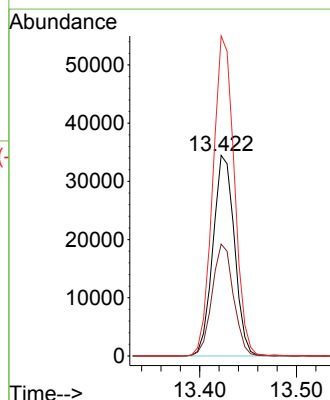
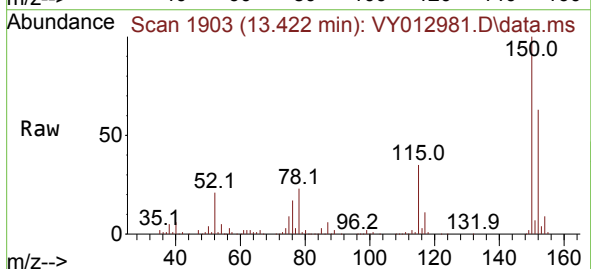
Instrument :
MSVOA_Y
ClientSampleId :
NYE-SOIL-0316

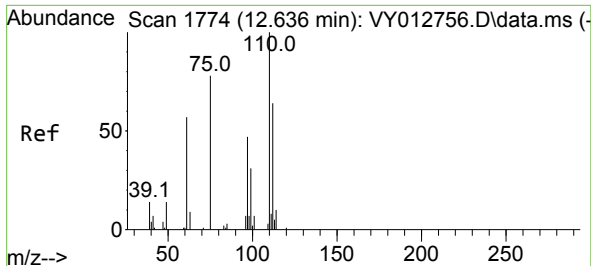
Tgt Ion:117 Resp: 123788
Ion Ratio Lower Upper
117 100
82 53.9 45.4 68.0
119 33.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY012981.D
Acq: 16 Mar 2023 19:26

Tgt Ion:152 Resp: 53181
Ion Ratio Lower Upper
152 100
115 55.6 27.1 81.3
150 160.2 0.0 347.8

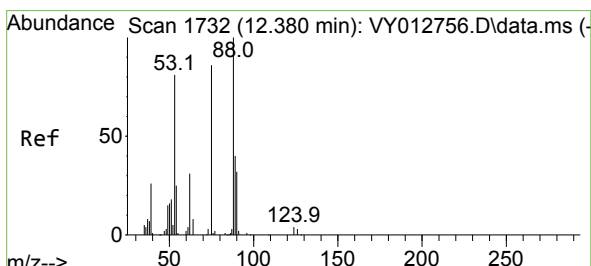
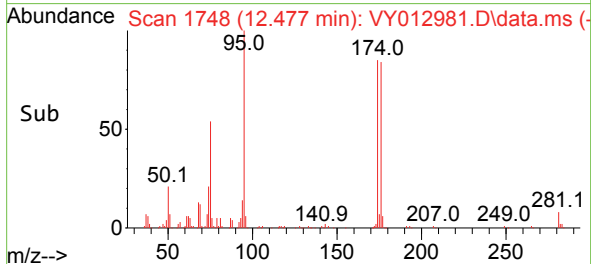
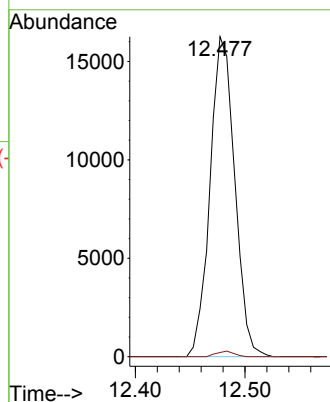
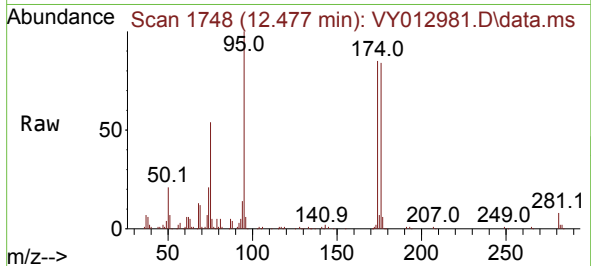




#76
1,2,3-Trichloropropane
Concen: 40.169 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY012981.D
Acq: 16 Mar 2023 19:26

Instrument :
MSVOA_Y
ClientSampleId :
NYE-SOIL-0316

Tgt Ion: 75 Resp: 25510
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.231 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY012981.D
Acq: 16 Mar 2023 19:26

Tgt Ion: 75 Resp: 25510
Ion Ratio Lower Upper
75 100
53 0.1 73.4 110.0#
89 0.1 36.6 55.0#

