

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
 Data File : VY011425.D
 Acq On : 11 Nov 2022 17:41
 Operator : KP/MD
 Sample : N5529-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NMS-SOIL-1108

Quant Time: Nov 14 05:54:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

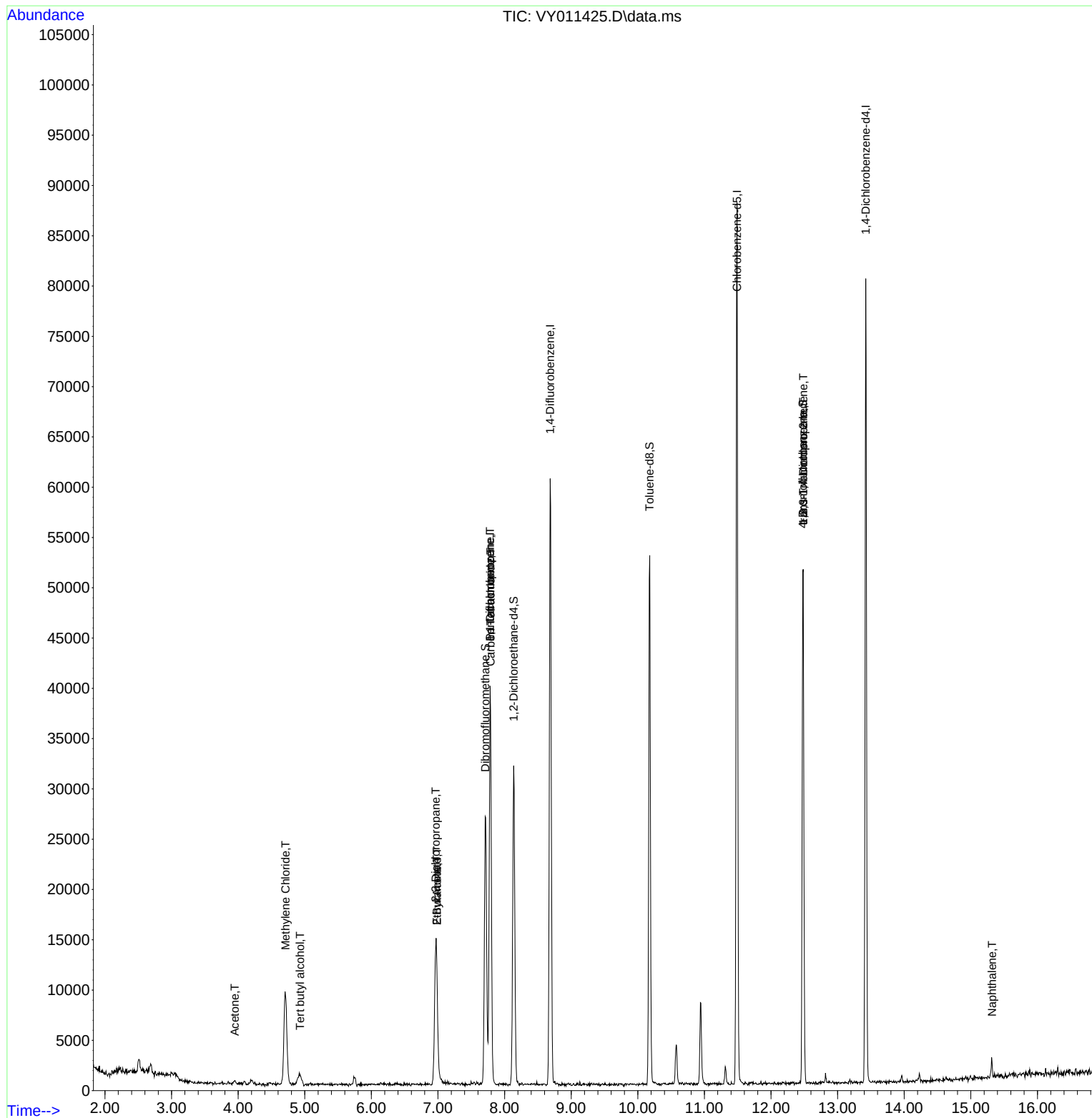
Internal Standards						
1) Pentafluorobenzene	7.783	168	31454	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	55356	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	51832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	22505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	23953	90.877	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 181.760%#	
35) Dibromofluoromethane	7.710	113	19382	62.477	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 124.960%	
50) Toluene-d8	10.179	98	37646	31.764	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 63.520%	
62) 4-Bromofluorobenzene	12.477	95	16046	38.817	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 77.640%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	1302	11.163	ug/l #	77
16) Acetone	3.948	43	552	7.936	ug/l #	40
18) Methyl Acetate	4.466	43	180	Below Cal	#	56
20) Methylene Chloride	4.710	84	7839	15.576	ug/l #	68
25) 2-Butanone	6.984	43	626	6.319	ug/l #	54
26) 2,2-Dichloropropane	6.966	77	1182	2.388	ug/l #	55
36) 1,1-Dichloropropene	7.783	75	2328	4.835	ug/l #	48
37) Ethyl Acetate	6.984	43	626	2.707	ug/l #	1
38) Carbon Tetrachloride	7.789	117	3109	5.936	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	7668	29.435	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	7668	70.754	ug/l #	7
95) Naphthalene	15.318	128	53	3.333	ug/l #	69

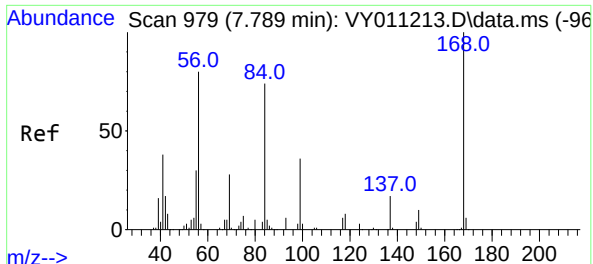
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Nov 10 17:47:26 2022
Response via : Initial Calibration

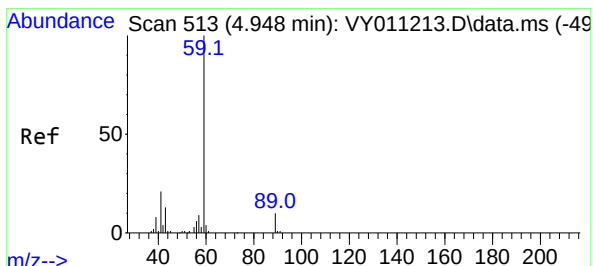
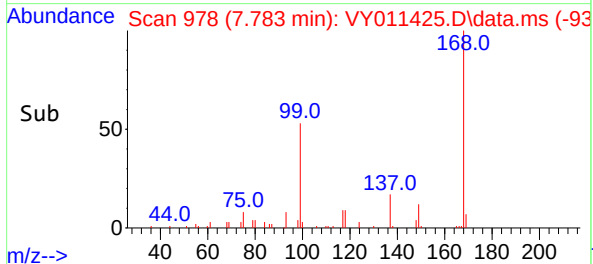
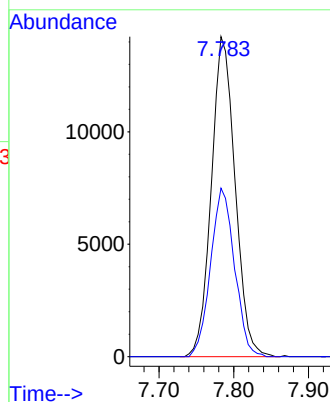
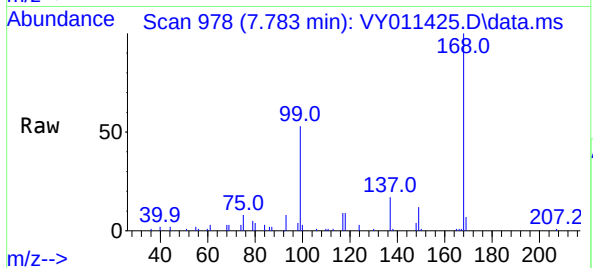




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011425.D
Acq: 11 Nov 2022 17:41

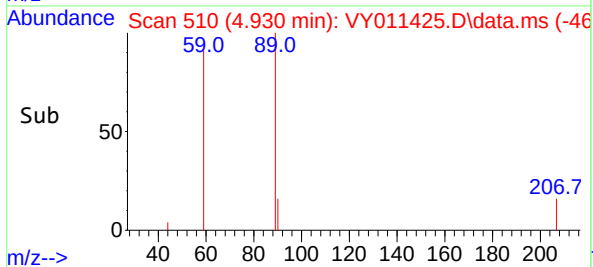
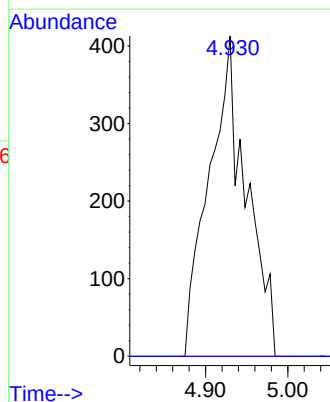
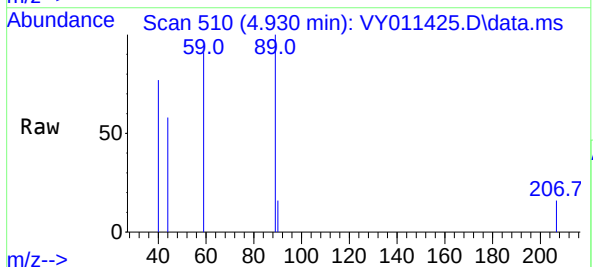
Instrument :
MSVOA_Y
ClientSampleId :
NMS-SOIL-1108

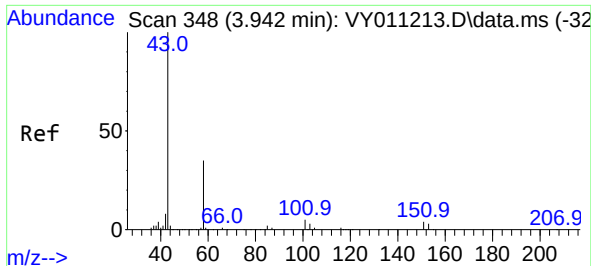
Tgt Ion:168 Resp: 31454
Ion Ratio Lower Upper
168 100
99 52.6 46.9 70.3



#11
Tert butyl alcohol
Concen: 11.163 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.024 min
Lab File: VY011425.D
Acq: 11 Nov 2022 17:41

Tgt Ion: 59 Resp: 1302
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

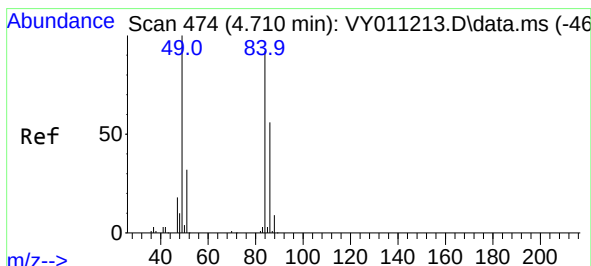
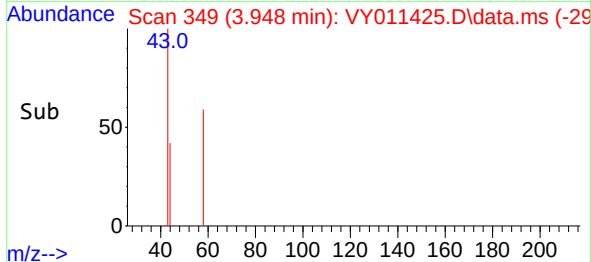
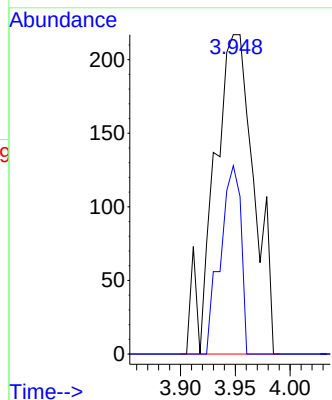
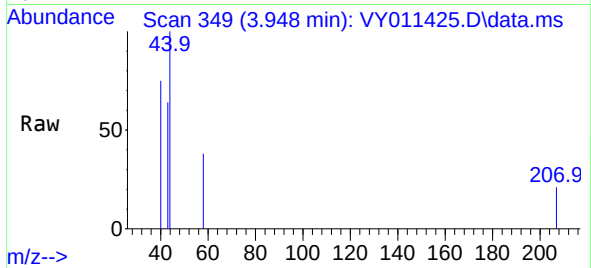




#16
Acetone
Concen: 7.936 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY011425.D
Acq: 11 Nov 2022 17:41

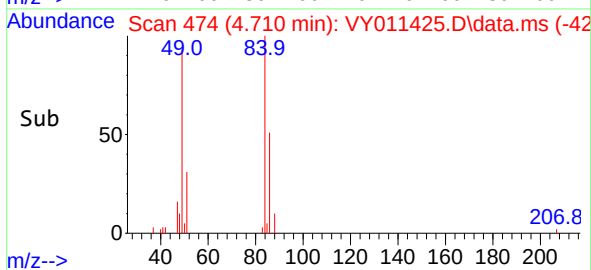
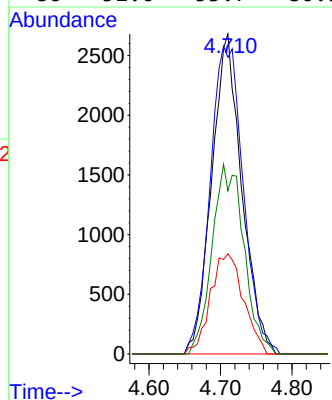
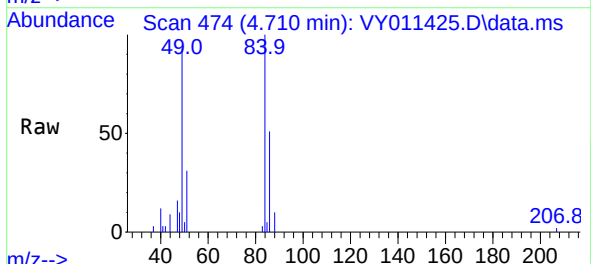
Instrument :
MSVOA_Y
ClientSampleId :
NMS-SOIL-1108

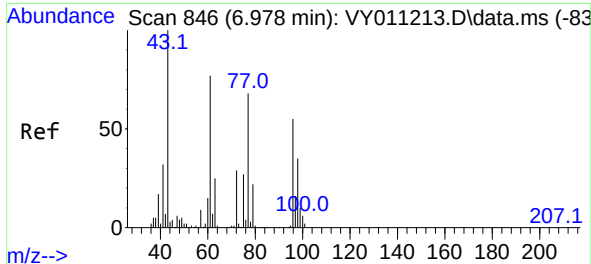
Tgt Ion: 43 Resp: 552
Ion Ratio Lower Upper
43 100
58 59.0 22.0 33.0#



#20
Methylene Chloride
Concen: 15.576 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011425.D
Acq: 11 Nov 2022 17:41

Tgt Ion: 84 Resp: 7839
Ion Ratio Lower Upper
84 100
49 92.7 114.4 171.6#
51 31.3 35.3 52.9#
86 51.0 53.7 80.5#

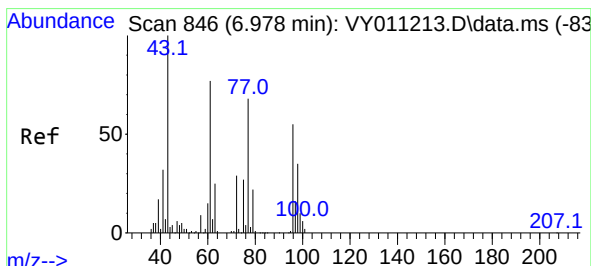
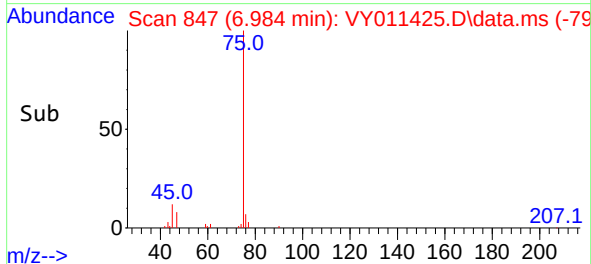
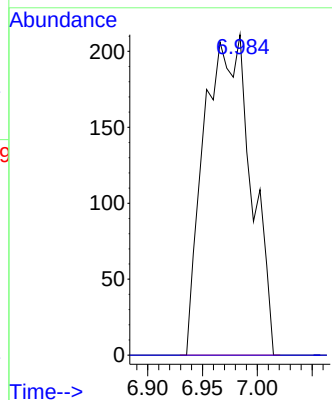
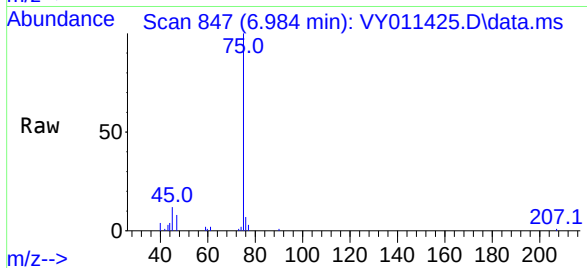




#25
2-Butanone
Concen: 6.319 ug/l
RT: 6.984 min Scan# 844
Delta R.T. 0.006 min
Lab File: VY011425.D
Acq: 11 Nov 2022 17:41

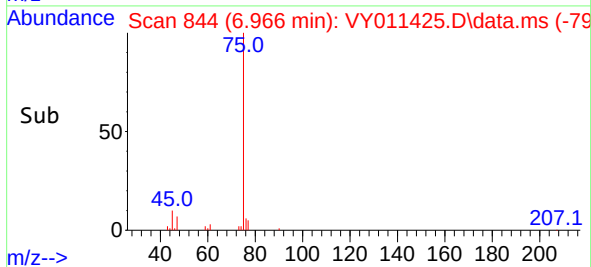
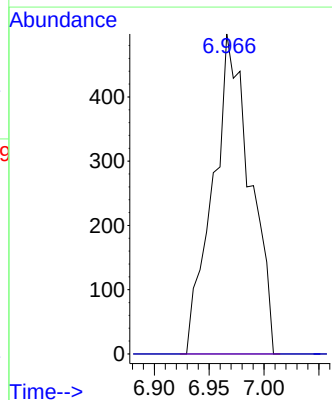
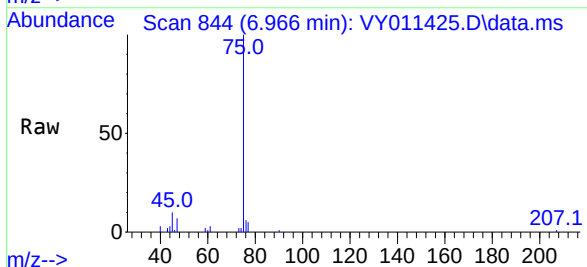
Instrument :
MSVOA_Y
ClientSampleId :
NMS-SOIL-1108

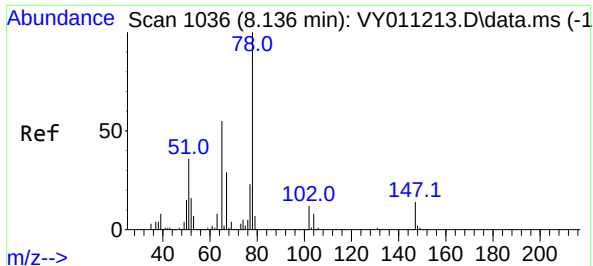
Tgt Ion: 43 Resp: 626
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 2.388 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY011425.D
Acq: 11 Nov 2022 17:41

Tgt Ion: 77 Resp: 1182
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#

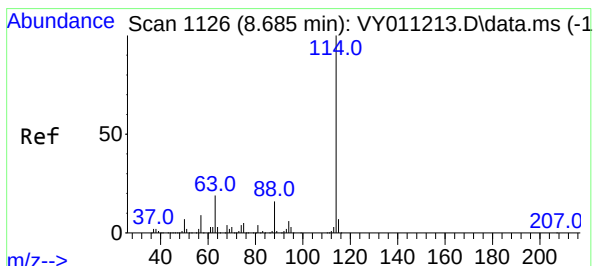
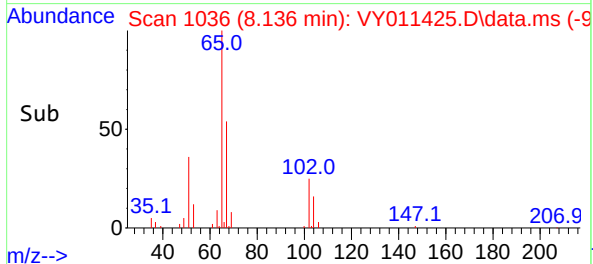
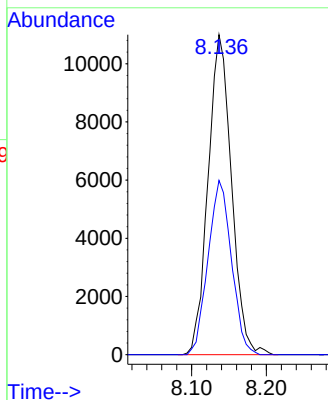
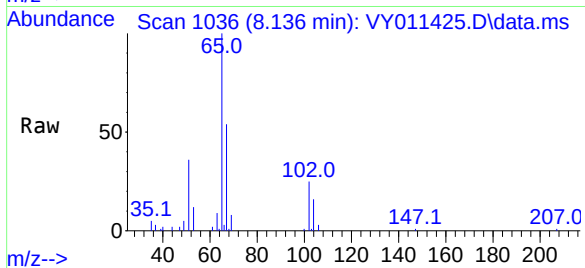




#33
1,2-Dichloroethane-d4
Concen: 90.877 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011425.D
Acq: 11 Nov 2022 17:41

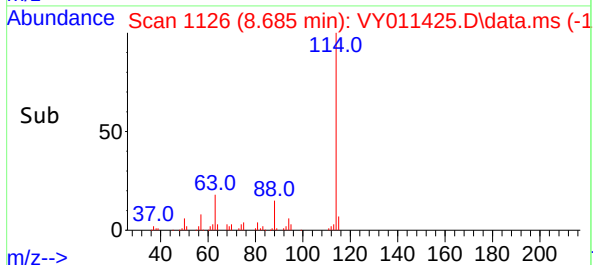
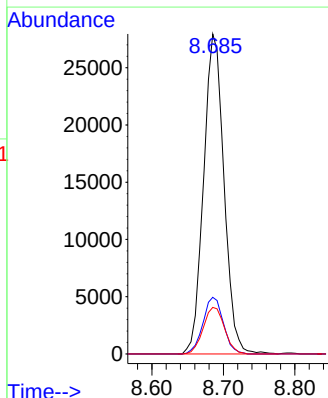
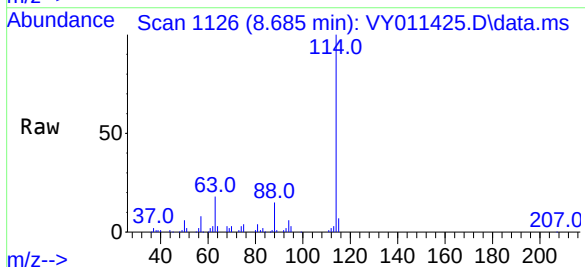
Instrument :
MSVOA_Y
ClientSampleId :
NMS-SOIL-1108

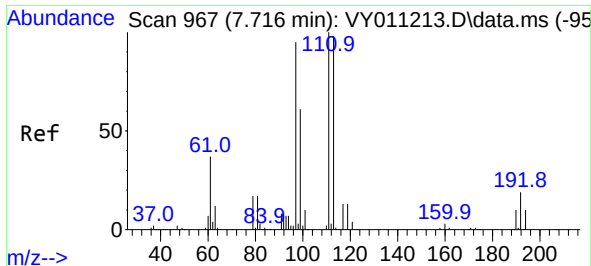
Tgt Ion: 65 Resp: 23953
Ion Ratio Lower Upper
65 100
67 54.4 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011425.D
Acq: 11 Nov 2022 17:41

Tgt Ion: 114 Resp: 55356
Ion Ratio Lower Upper
114 100
63 17.7 0.0 43.2
88 14.5 0.0 31.8

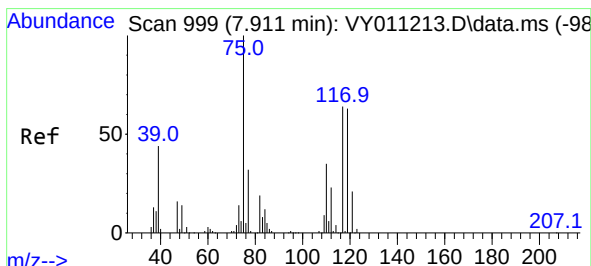
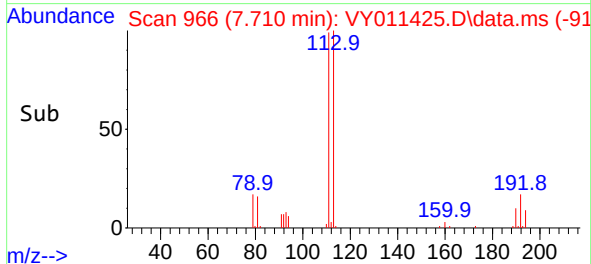
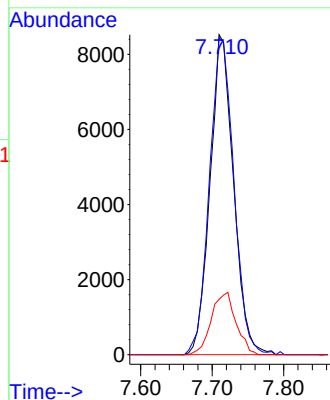
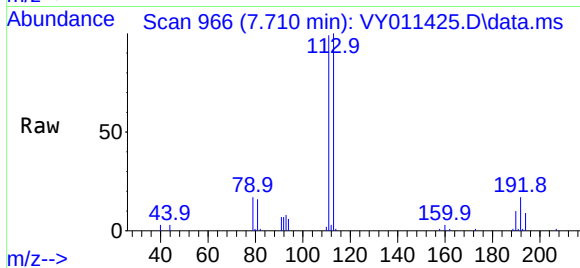




#35
Dibromofluoromethane
Concen: 62.477 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY011425.D
Acq: 11 Nov 2022 17:41

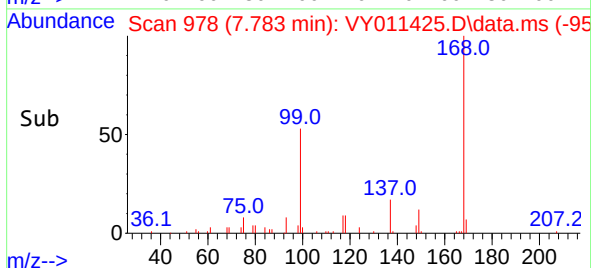
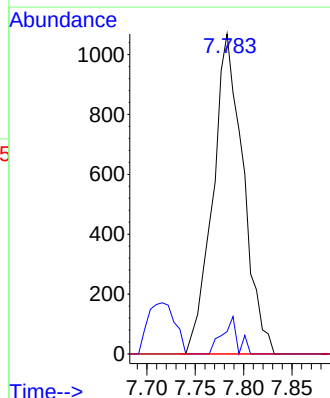
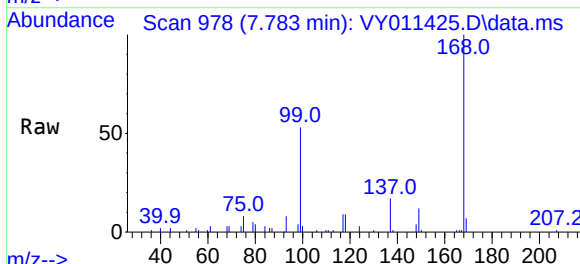
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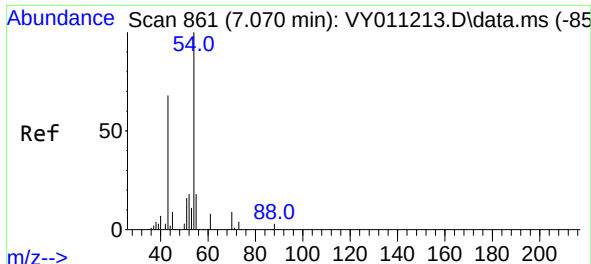
Tgt Ion:	113	Resp:	19382
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.6	124.0
192	20.5	17.6	26.4



#36
1,1-Dichloropropene
Concen: 4.835 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY011425.D
Acq: 11 Nov 2022 17:41

Tgt Ion:	75	Resp:	2328
Ion	Ratio	Lower	Upper
75	100		
110	5.9	17.1	51.2#
77	0.0	24.4	36.6#





#37

Ethyl Acetate

Concen: 2.707 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.086 min

Lab File: VY011425.D

Acq: 11 Nov 2022 17:41

Instrument :

MSVOA_Y

ClientSampleId :

NMS-SOIL-1108

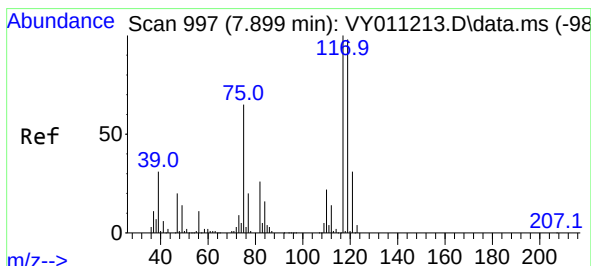
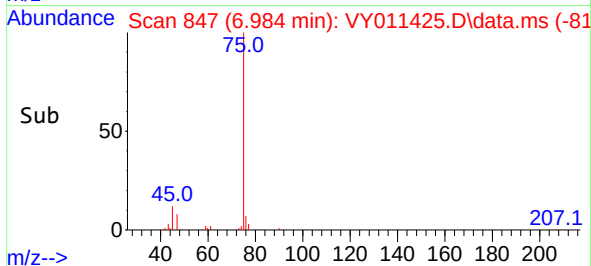
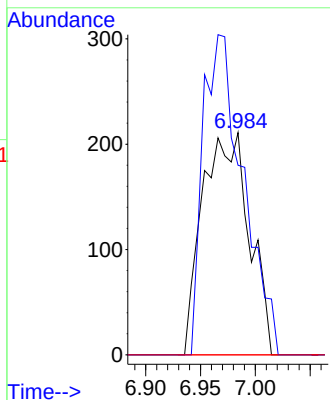
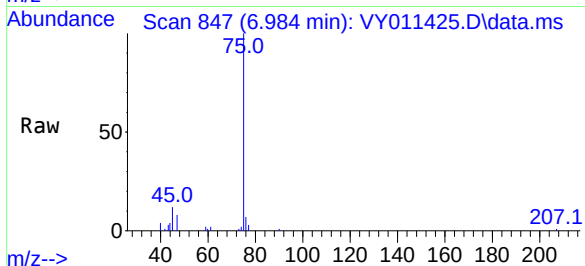
Tgt Ion: 43 Resp: 626

Ion Ratio Lower Upper

43 100

61 123.5 9.7 14.5#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.936 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY011425.D

Acq: 11 Nov 2022 17:41

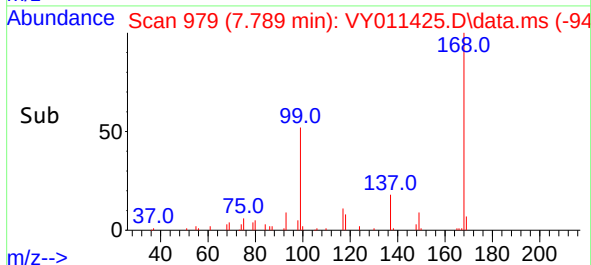
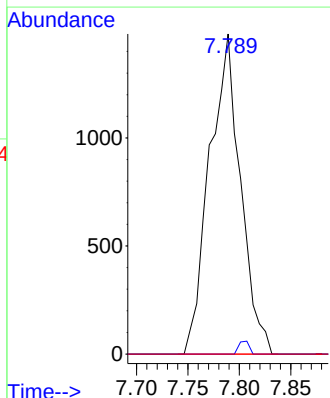
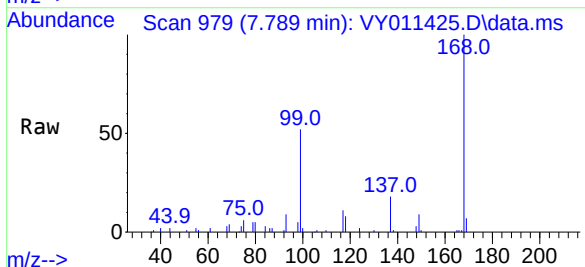
Tgt Ion: 117 Resp: 3109

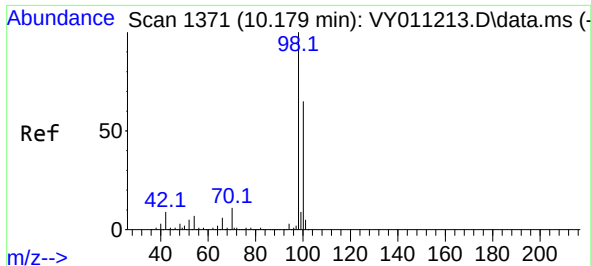
Ion Ratio Lower Upper

117 100

119 0.0 77.9 116.9#

121 0.0 24.8 37.2#

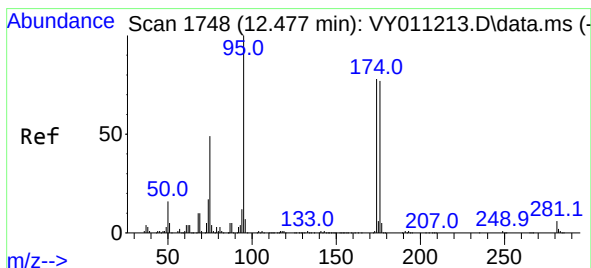
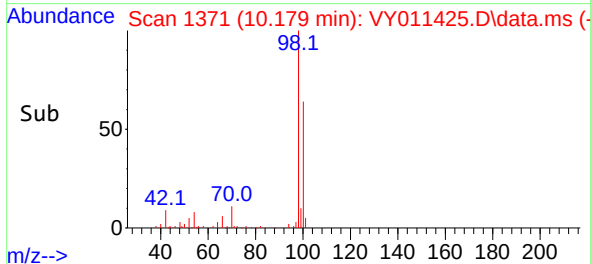
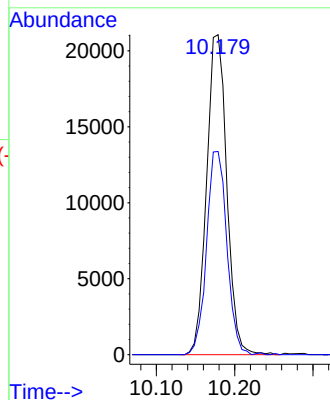
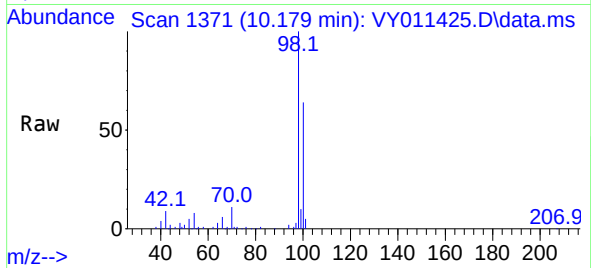




#50
Toluene-d8
Concen: 31.764 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011425.D
Acq: 11 Nov 2022 17:41

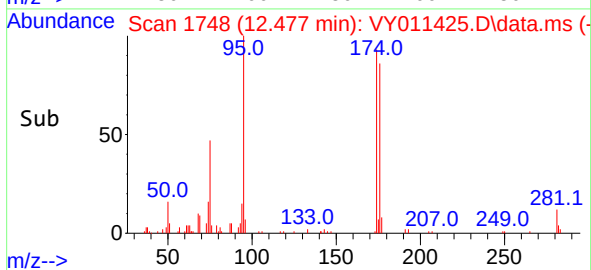
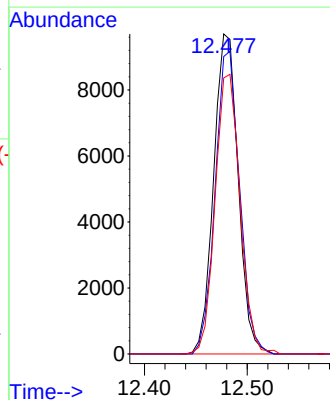
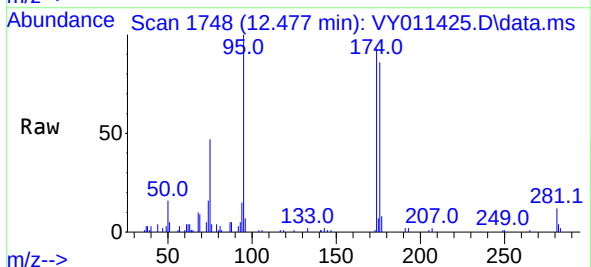
Instrument :
MSVOA_Y
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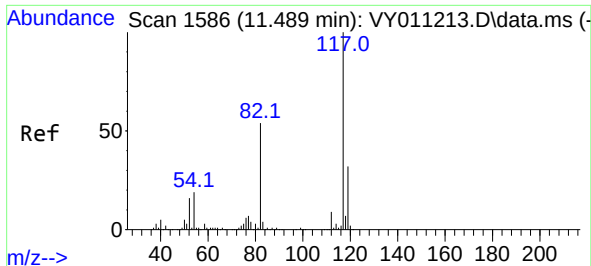
Tgt Ion: 98 Resp: 37646
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.817 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011425.D
Acq: 11 Nov 2022 17:41

Tgt Ion: 95 Resp: 16046
Ion Ratio Lower Upper
95 100
174 94.1 0.0 177.0
176 88.7 0.0 175.8

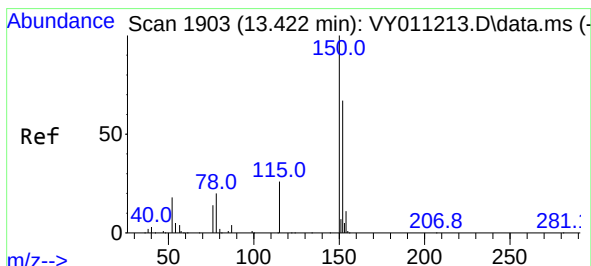
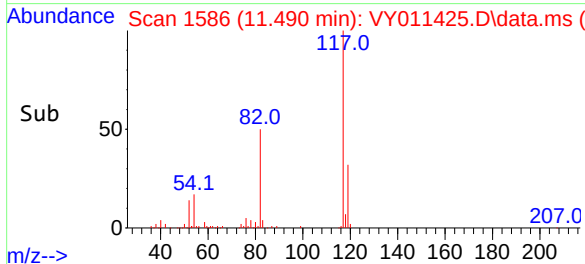
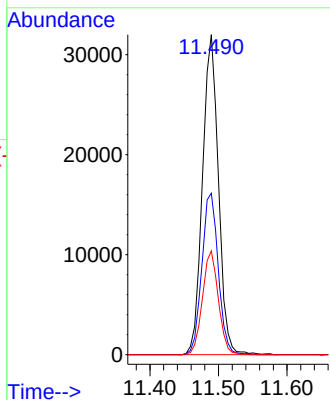
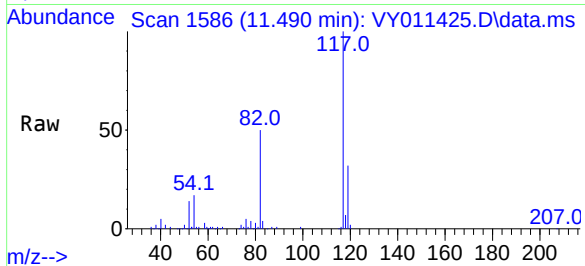




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011425.D
Acq: 11 Nov 2022 17:41

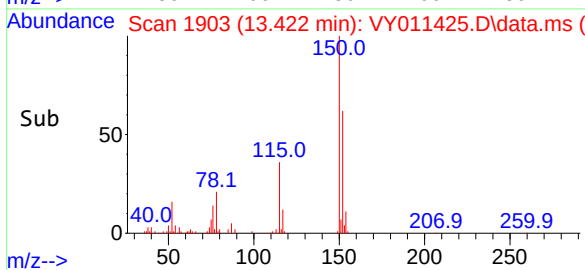
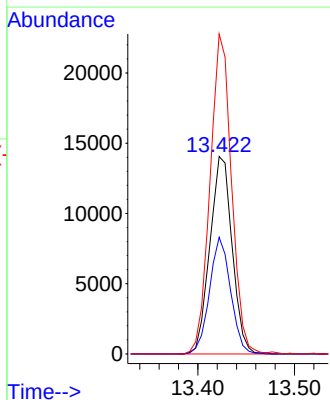
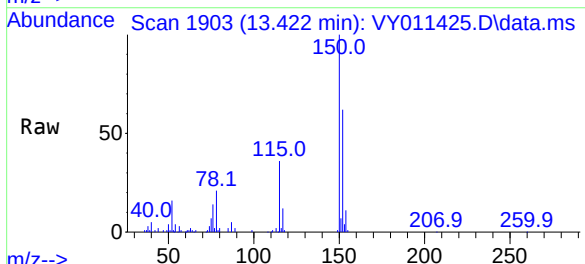
Instrument :
MSVOA_Y
ClientSampleId :
NMS-SOIL-1108

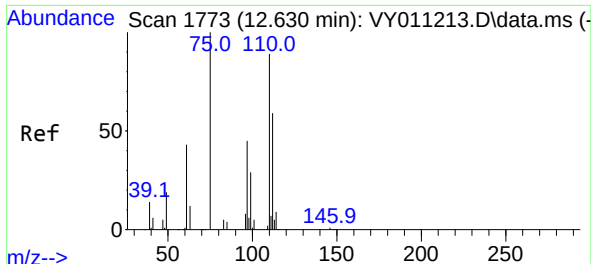
Tgt Ion:117 Resp: 51832
Ion Ratio Lower Upper
117 100
82 50.5 43.0 64.4
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011425.D
Acq: 11 Nov 2022 17:41

Tgt Ion:152 Resp: 22505
Ion Ratio Lower Upper
152 100
115 55.9 28.2 84.7
150 156.1 0.0 347.6

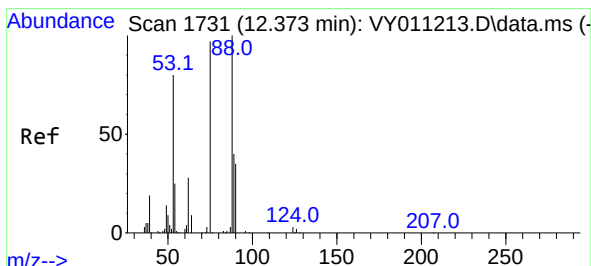
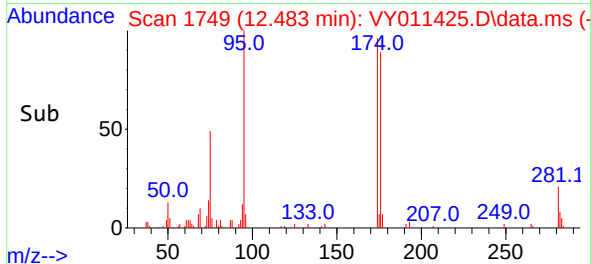
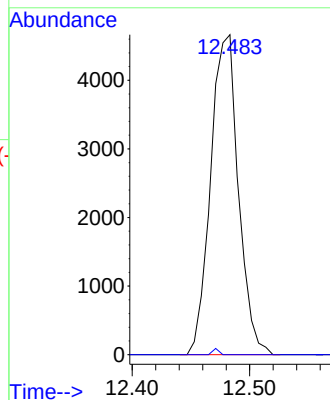
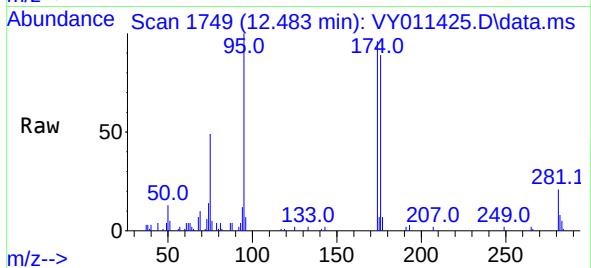




#76
1,2,3-Trichloropropane
Concen: 29.435 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY011425.D
Acq: 11 Nov 2022 17:41

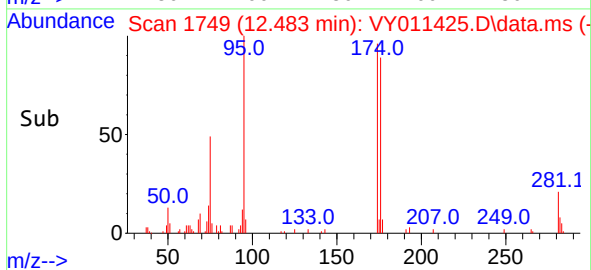
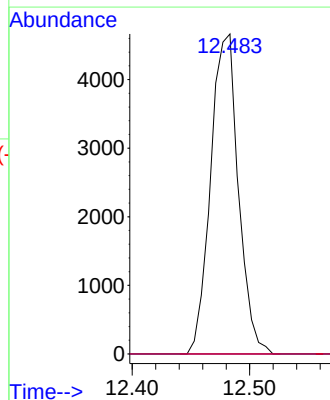
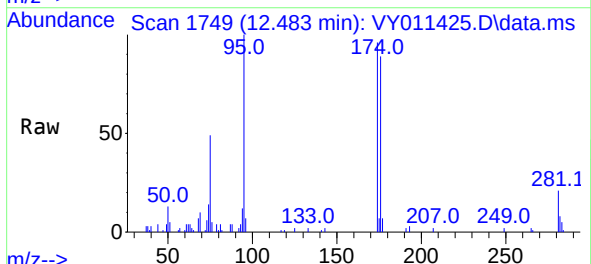
Instrument :
MSVOA_Y
ClientSampleId :
NMS-SOIL-1108

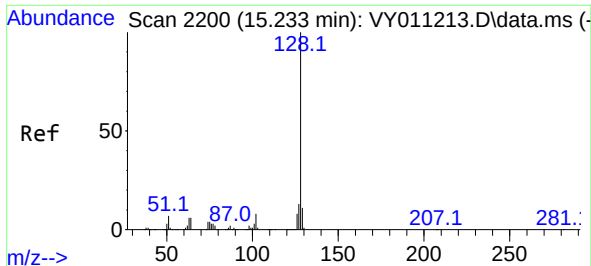
Tgt Ion: 75 Resp: 7668
Ion Ratio Lower Upper
75 100
77 0.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.754 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011425.D
Acq: 11 Nov 2022 17:41

Tgt Ion: 75 Resp: 7668
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#





#95

Naphthalene

Concen: 3.333 ug/l

RT: 15.318 min Scan# 21

Delta R.T. 0.085 min

Lab File: VY011425.D

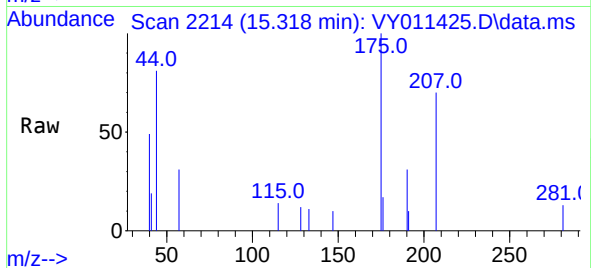
Acq: 11 Nov 2022 17:41

Instrument :

MSVOA_Y

ClientSampleId :

NMS-SOIL-1108



Tgt Ion:128 Resp: 53

Ion Ratio Lower Upper

128 100

127 0.0 11.0 16.4#

129 0.0 8.4 12.6#

