

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072222\
 Data File : VX030181.D
 Acq On : 22 Jul 2022 15:39
 Operator : JC/MD
 Sample : N3830-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HS-SOIL-0721

Quant Time: Jul 22 23:50:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

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

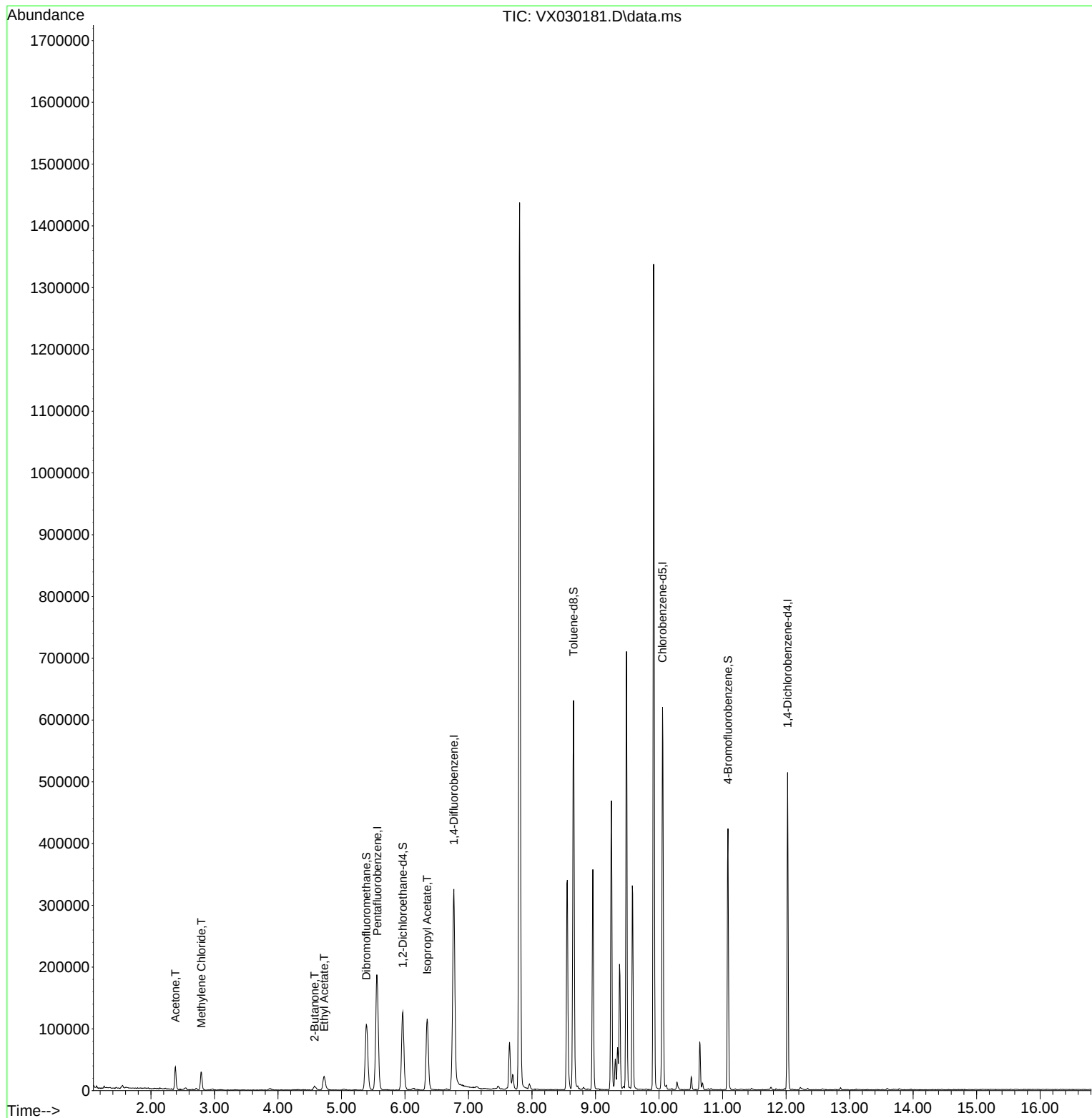
Internal Standards						
1) Pentafluorobenzene	5.562	168	175128	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	314670	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	270161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	118569	55.624	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.240%
35) Dibromofluoromethane	5.391	113	96668	48.088	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.180%
50) Toluene-d8	8.653	98	373750	49.435	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.880%
62) 4-Bromofluorobenzene	11.085	95	116070	44.240	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.480%
Target Compounds						
16) Acetone	2.386	43	37843	37.676	ug/l	97
20) Methylene Chloride	2.794	84	13288	4.838	ug/l	99
25) 2-Butanone	4.574	43	11208	6.551	ug/l	91
37) Ethyl Acetate	4.727	43	38518	11.544	ug/l	98
43) Isopropyl Acetate	6.348	43	160845	32.059	ug/l	97

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

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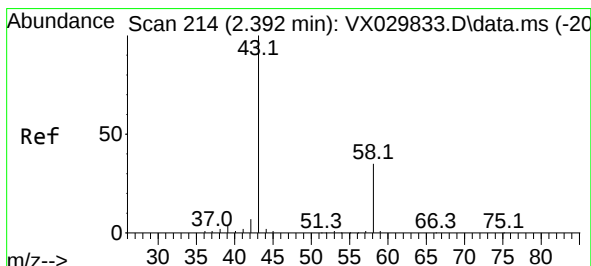
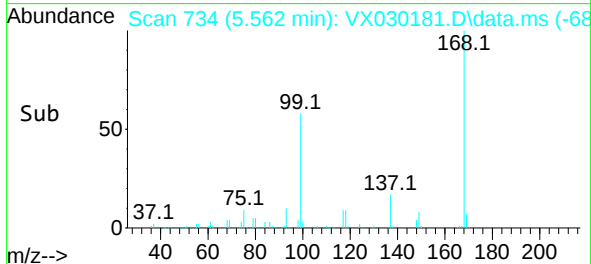
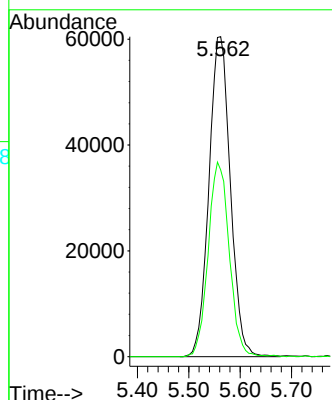
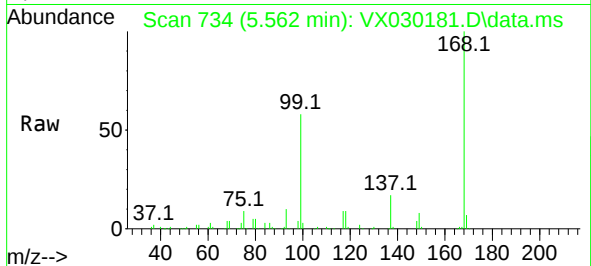




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030181.D
Acq: 22 Jul 2022 15:39

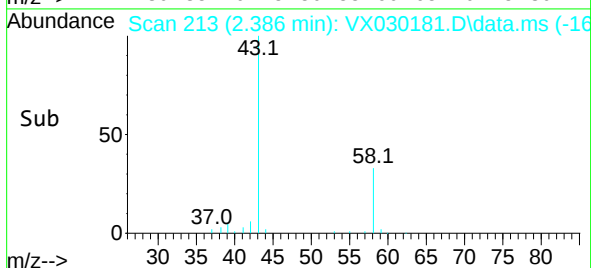
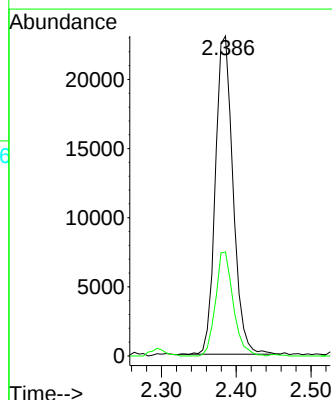
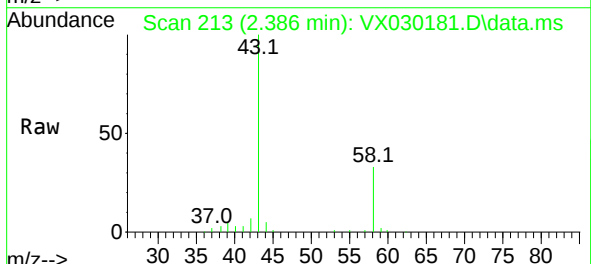
Instrument :
MSVOA_X
ClientSampleId :
HS-SOIL-0721

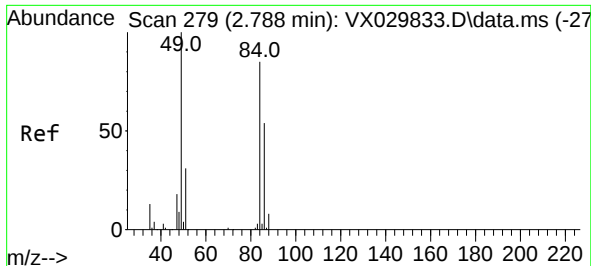
Tgt Ion:168 Resp: 175128
Ion Ratio Lower Upper
168 100
99 58.3 44.0 66.0



#16
Acetone
Concen: 37.676 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX030181.D
Acq: 22 Jul 2022 15:39

Tgt Ion: 43 Resp: 37843
Ion Ratio Lower Upper
43 100
58 32.7 27.7 41.5



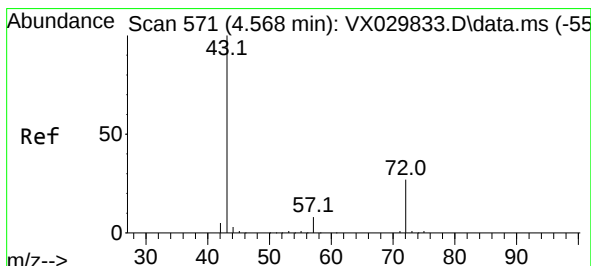
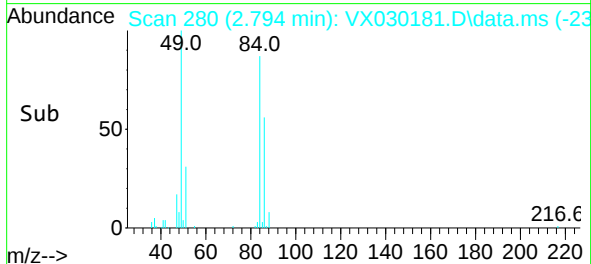
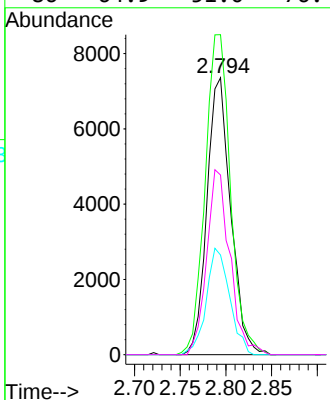
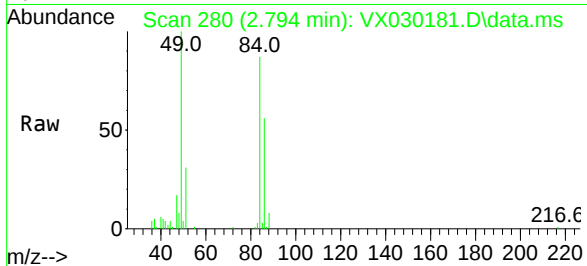


#20
Methylene Chloride
Concen: 4.838 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030181.D
Acq: 22 Jul 2022 15:39

Instrument :
MSVOA_X
ClientSampleId :
HS-SOIL-0721

Tgt Ion: 84 Resp: 13288

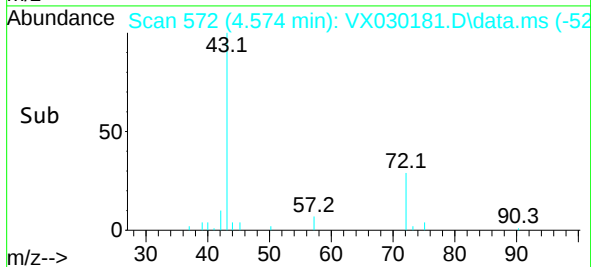
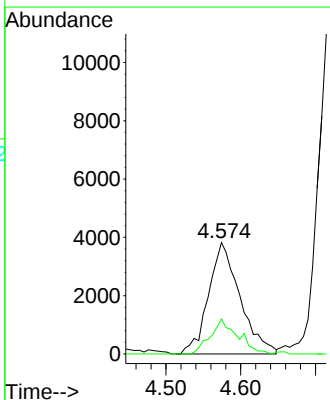
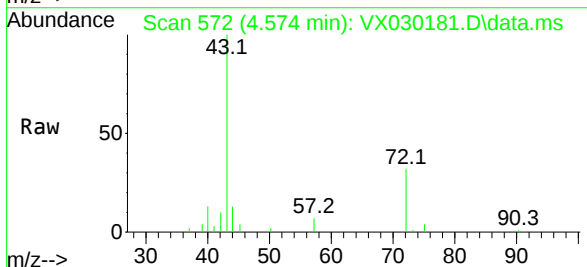
Ion	Ratio	Lower	Upper
84	100		
49	115.5	93.8	140.6
51	36.0	29.4	44.0
86	64.9	51.0	76.4

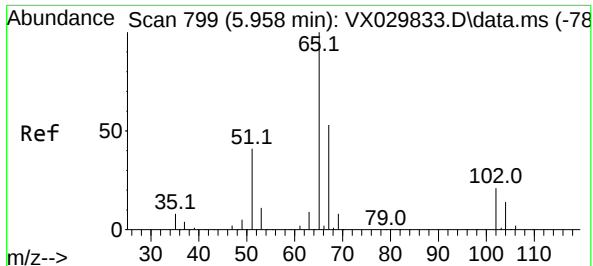


#25
2-Butanone
Concen: 6.551 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX030181.D
Acq: 22 Jul 2022 15:39

Tgt Ion: 43 Resp: 11208

Ion	Ratio	Lower	Upper
43	100		
72	31.5	21.7	32.5





#33

1,2-Dichloroethane-d4

Concen: 55.624 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX030181.D

Acq: 22 Jul 2022 15:39

Instrument :

MSVOA_X

ClientSampleId :

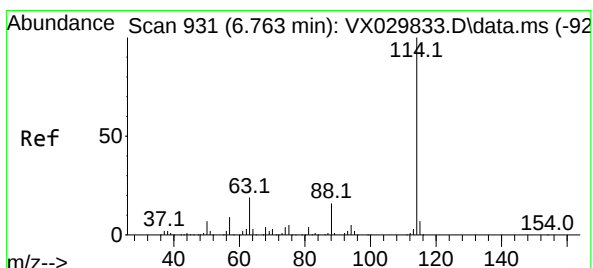
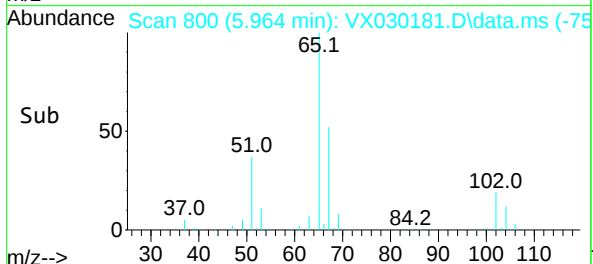
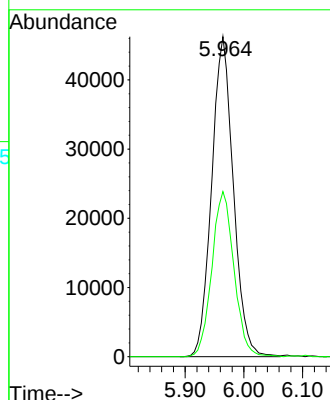
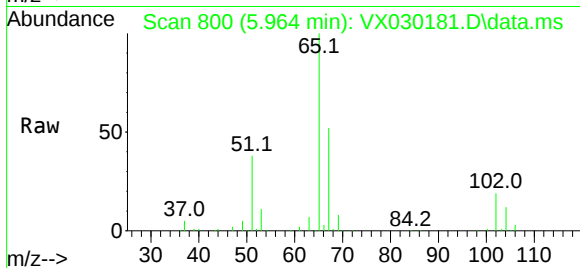
HS-SOIL-0721

Tgt Ion: 65 Resp: 118569

Ion Ratio Lower Upper

65 100

67 52.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX030181.D

Acq: 22 Jul 2022 15:39

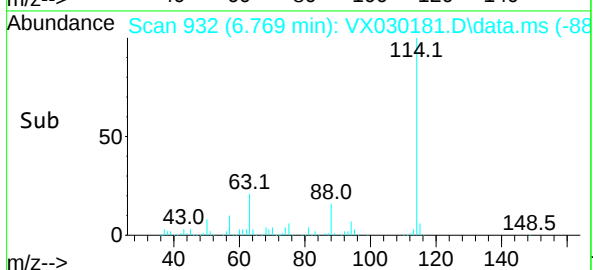
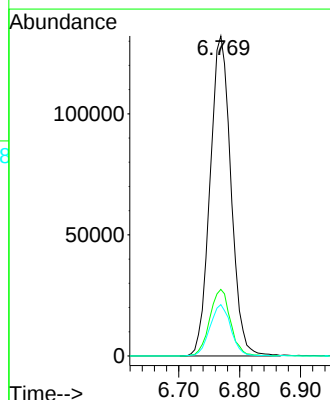
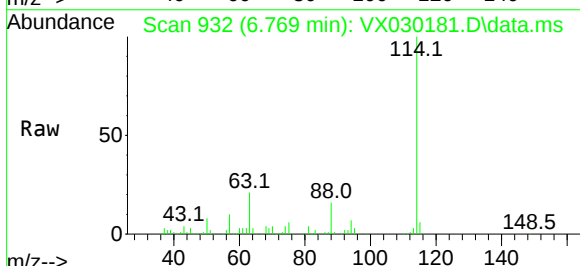
Tgt Ion: 114 Resp: 314670

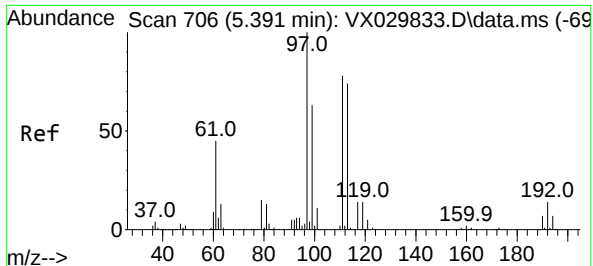
Ion Ratio Lower Upper

114 100

63 20.8 0.0 38.4

88 16.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 48.088 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030181.D

Acq: 22 Jul 2022 15:39

Instrument :

MSVOA_X

ClientSampleId :

HS-SOIL-0721

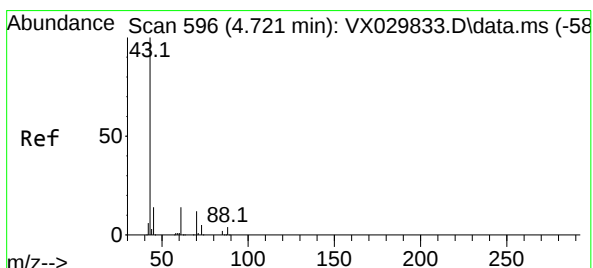
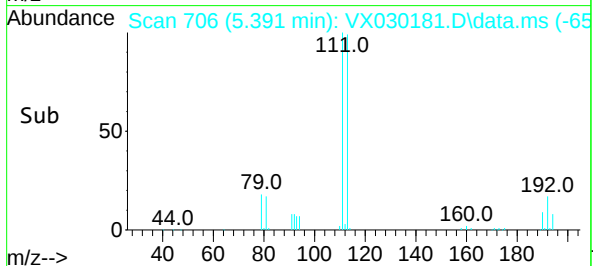
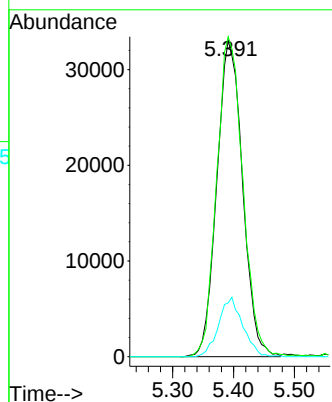
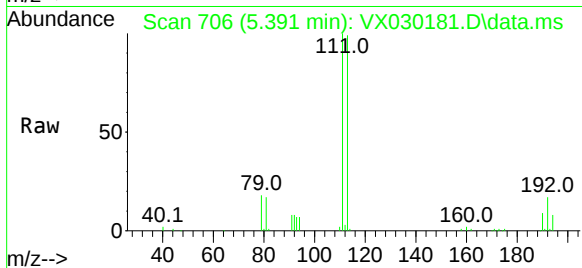
Tgt Ion:113 Resp: 96668

Ion Ratio Lower Upper

113 100

111 102.8 83.2 124.8

192 17.7 14.8 22.2



#37

Ethyl Acetate

Concen: 11.544 ug/l

RT: 4.727 min Scan# 597

Delta R.T. 0.006 min

Lab File: VX030181.D

Acq: 22 Jul 2022 15:39

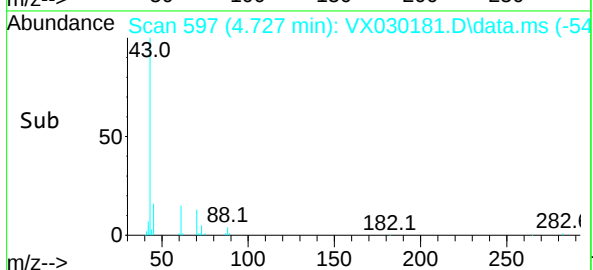
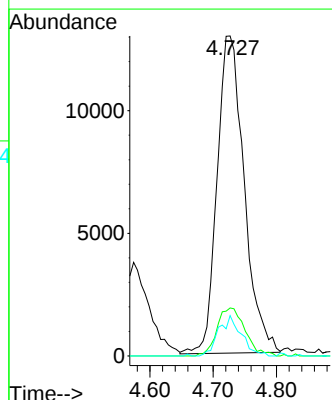
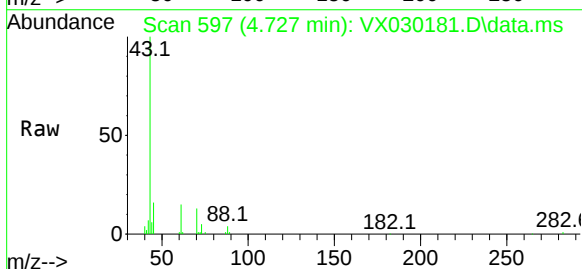
Tgt Ion: 43 Resp: 38518

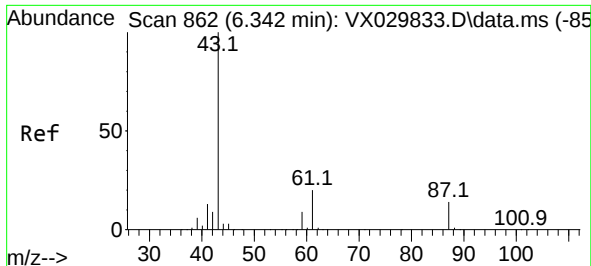
Ion Ratio Lower Upper

43 100

61 15.7 11.7 17.5

70 10.7 9.3 13.9

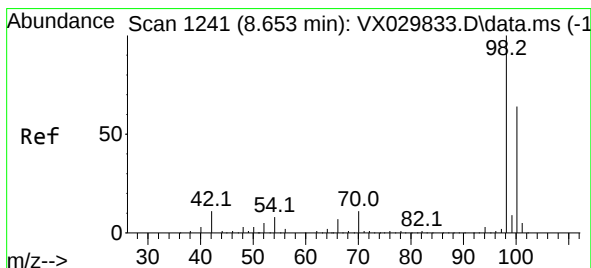
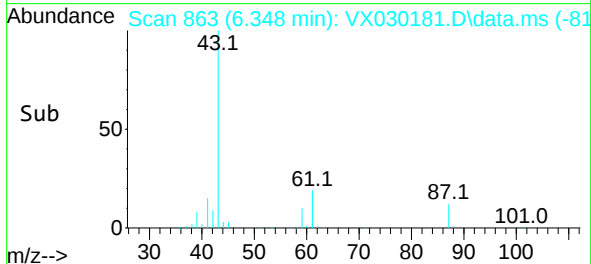
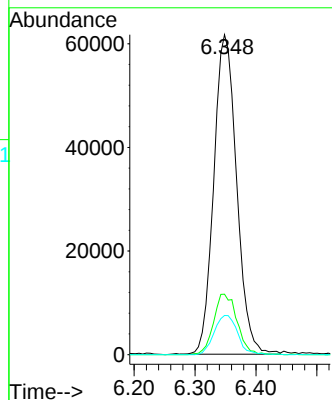
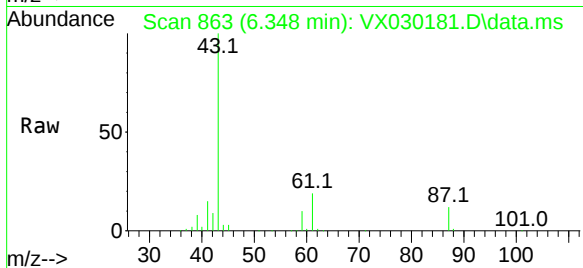




#43
Isopropyl Acetate
Concen: 32.059 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX030181.D
Acq: 22 Jul 2022 15:39

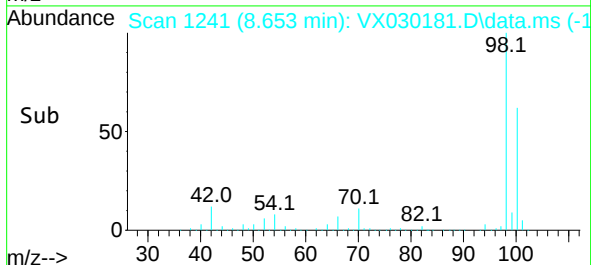
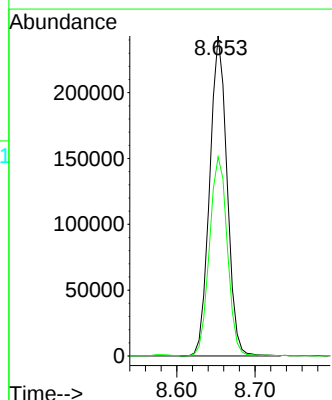
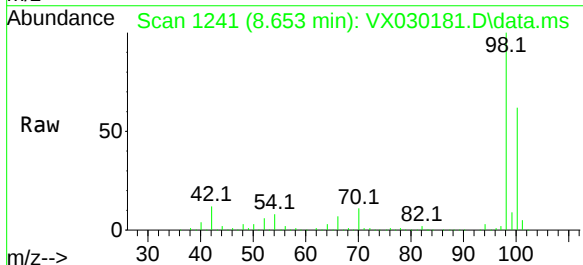
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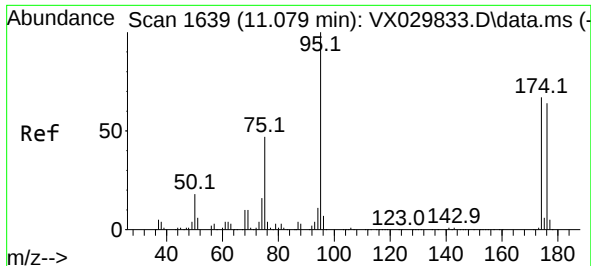
Tgt Ion: 43 Resp: 160845
Ion Ratio Lower Upper
43 100
61 19.5 16.5 24.7
87 12.6 11.1 16.7



#50
Toluene-d8
Concen: 49.435 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030181.D
Acq: 22 Jul 2022 15:39

Tgt Ion: 98 Resp: 373750
Ion Ratio Lower Upper
98 100
100 64.2 52.3 78.5

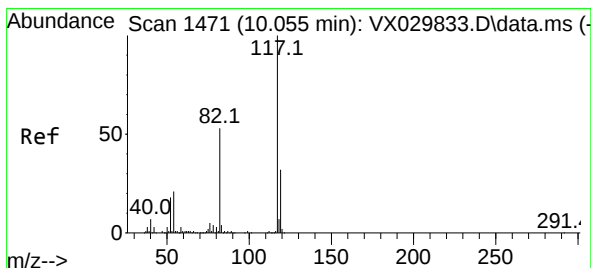
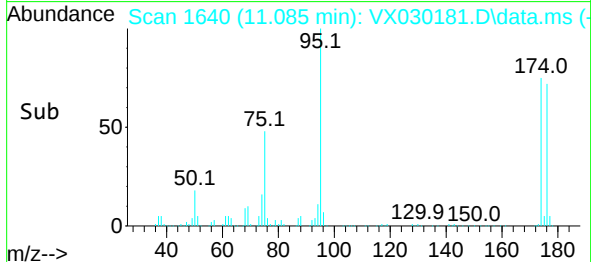
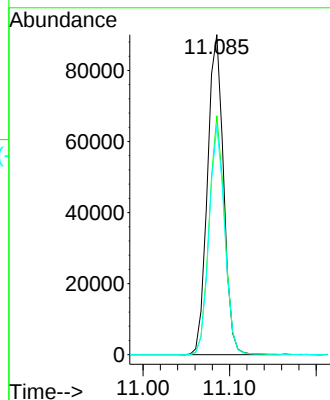
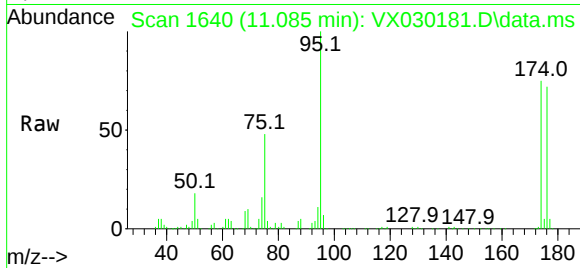




#62
4-Bromofluorobenzene
Concen: 44.240 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX030181.D
Acq: 22 Jul 2022 15:39

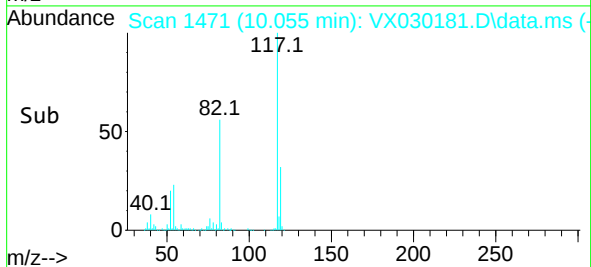
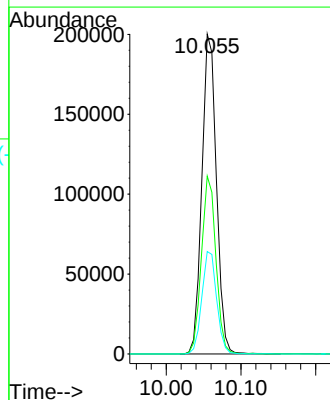
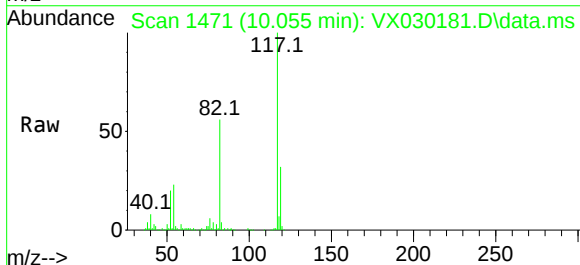
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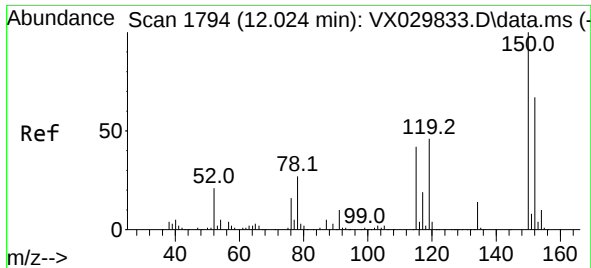
Tgt Ion: 95 Resp: 116070
Ion Ratio Lower Upper
95 100
174 72.0 0.0 149.0
176 69.5 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030181.D
Acq: 22 Jul 2022 15:39

Tgt Ion: 117 Resp: 270161
Ion Ratio Lower Upper
117 100
82 55.6 42.7 64.1
119 32.0 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030181.D
 Acq: 22 Jul 2022 15:39

Instrument :
 MSVOA_X
 ClientSampleId :
 HS-SOIL-0721

Tgt Ion:152 Resp: 101254
 Ion Ratio Lower Upper
 152 100
 115 60.0 40.5 121.5
 150 158.0 0.0 347.0

