

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020322\
 Data File : VX026764.D
 Acq On : 03 Feb 2022 17:35
 Operator : JC/MD
 Sample : N1357-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-CUTTINGS

Quant Time: Feb 04 02:34:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

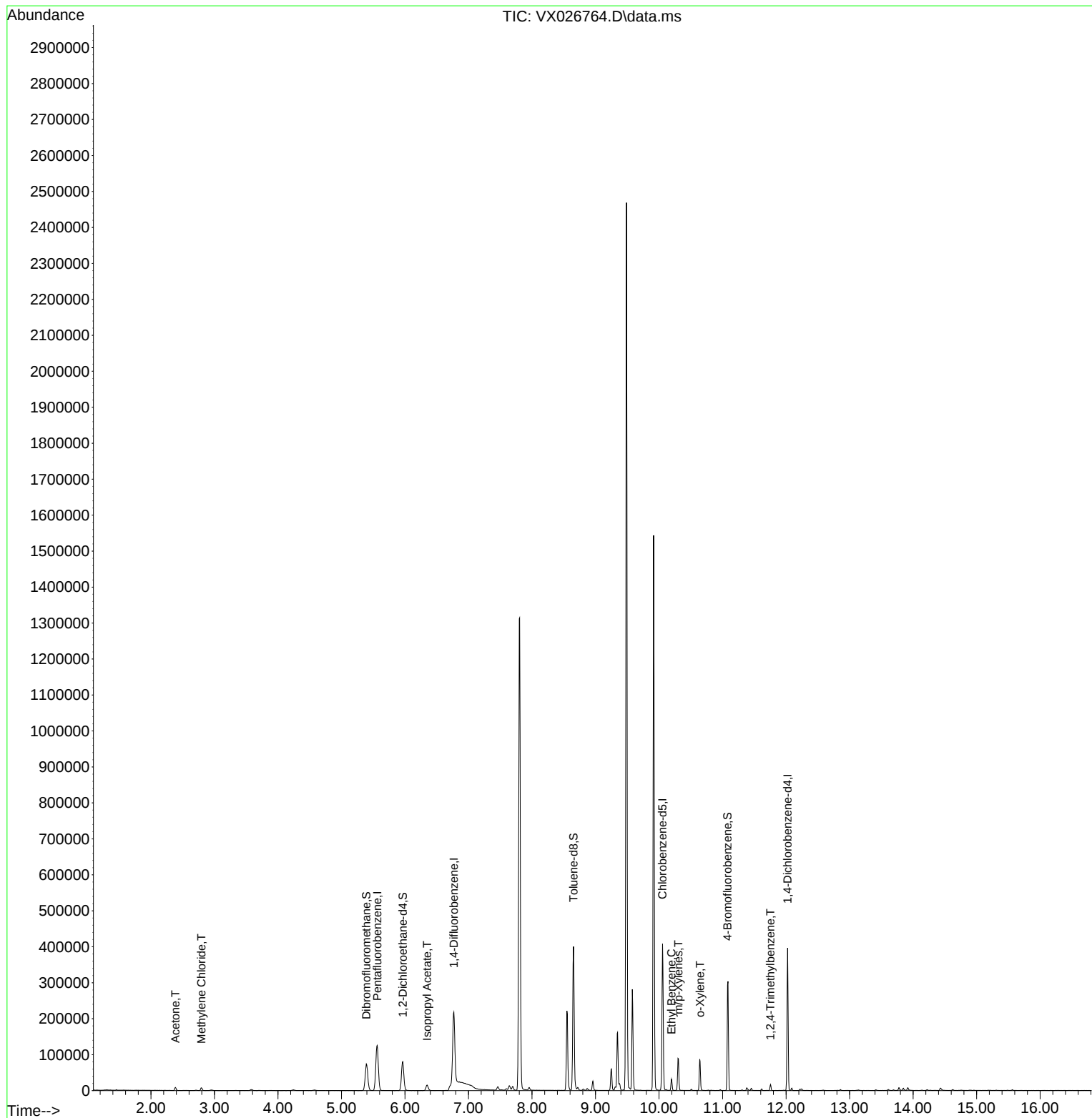
Internal Standards						
1) Pentafluorobenzene	5.562	168	120560	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	206434	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180461	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78910	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	77931	46.274	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.540%
35) Dibromofluoromethane	5.391	113	64767	48.584	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.160%
50) Toluene-d8	8.653	98	236255	49.180	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.360%
62) 4-Bromofluorobenzene	11.079	95	85080	49.856	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.720%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	9975	11.614	ug/l	99
20) Methylene Chloride	2.794	84	3463	2.440	ug/l	93
43) Isopropyl Acetate	6.348	43	21413	6.227	ug/l	99
67) Ethyl Benzene	10.195	91	17603	2.549	ug/l	97
68) m/p-Xylenes	10.305	106	21230	8.215	ug/l	97
69) o-Xylene	10.646	106	6891	2.763	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	7443	1.395	ug/l	99

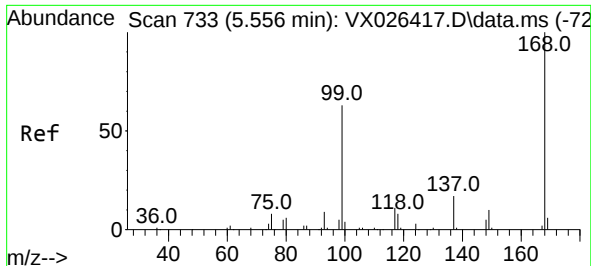
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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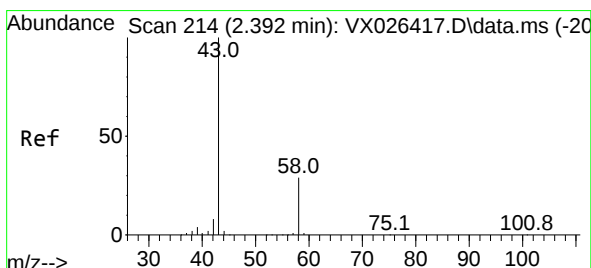
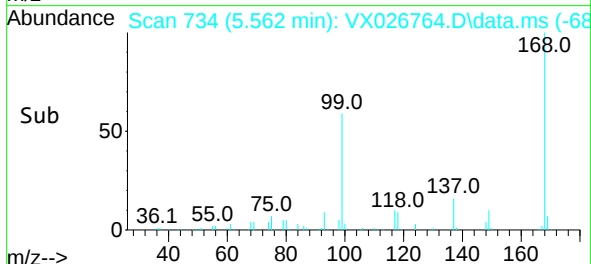
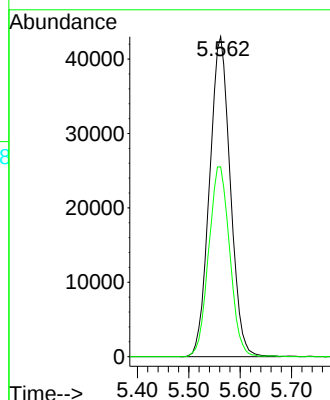
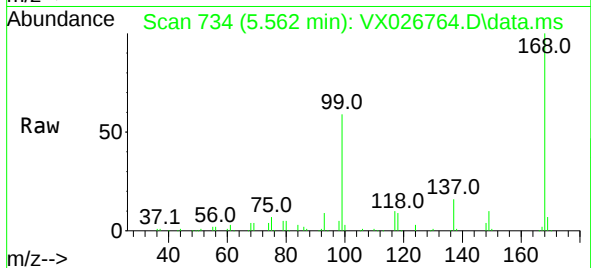




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026764.D
Acq: 03 Feb 2022 17:35

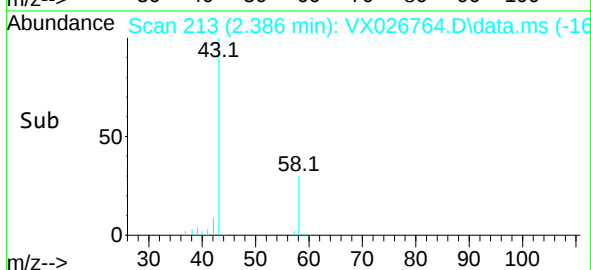
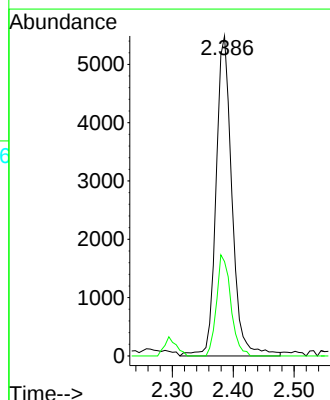
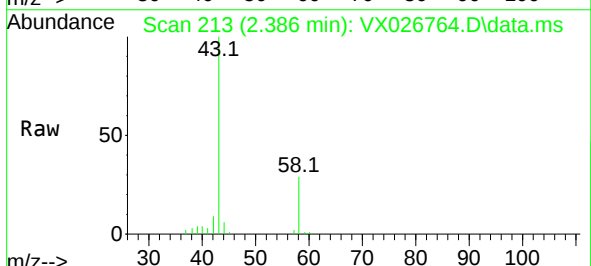
Instrument :
MSVOA_X
ClientSampleId :
SOIL-CUTTINGS

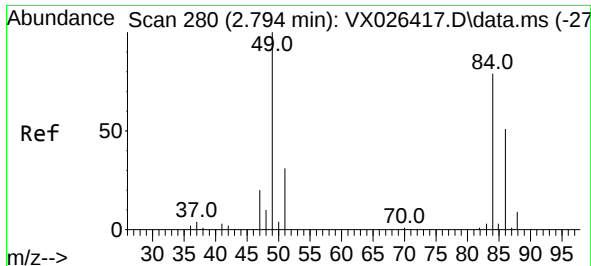
Tgt Ion:168 Resp: 120560
Ion Ratio Lower Upper
168 100
99 59.3 50.3 75.5



#16
Acetone
Concen: 11.614 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX026764.D
Acq: 03 Feb 2022 17:35

Tgt Ion: 43 Resp: 9975
Ion Ratio Lower Upper
43 100
58 29.5 23.0 34.6

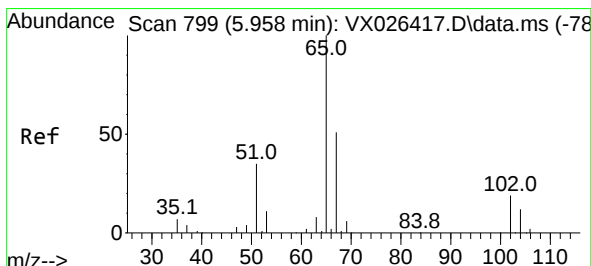
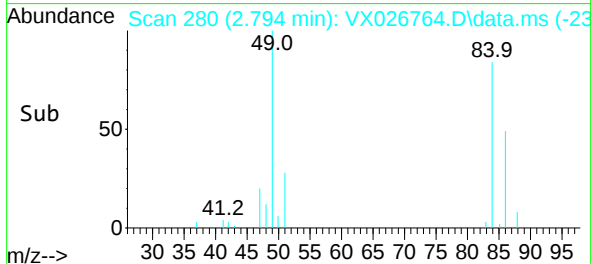
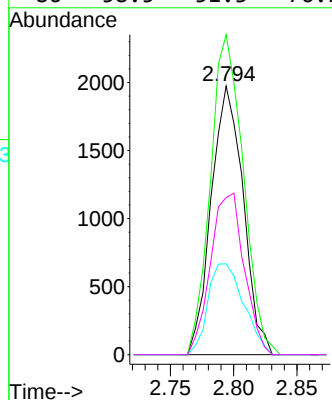
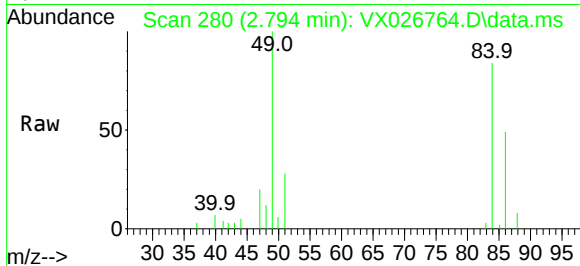




#20
Methylene Chloride
Concen: 2.440 ug/l
RT: 2.794 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX026764.D
Acq: 03 Feb 2022 17:35

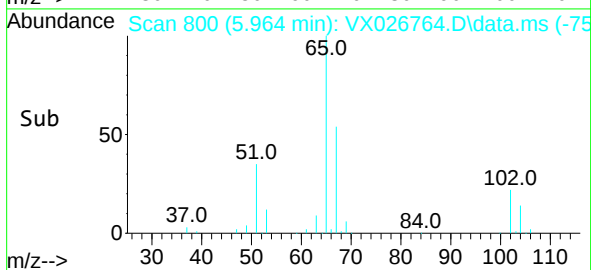
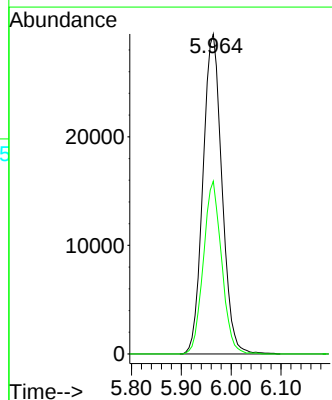
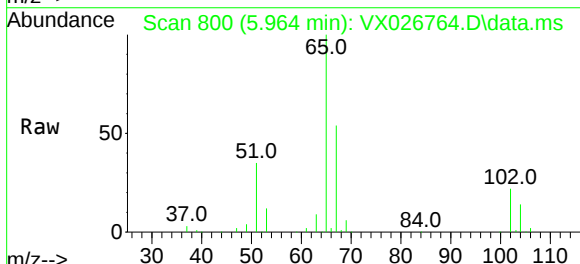
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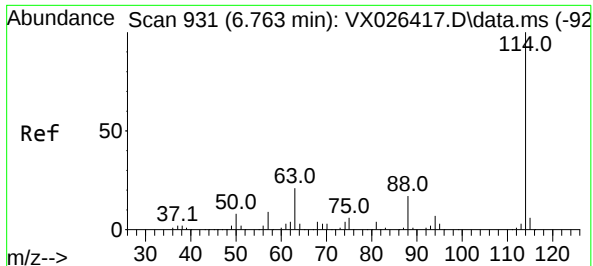
Tgt Ion:	84	Resp:	3463
Ion	Ratio	Lower	Upper
84	100		
49	119.1	101.5	152.3
51	33.8	31.2	46.8
86	58.5	51.3	76.9



#33
1,2-Dichloroethane-d4
Concen: 46.274 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX026764.D
Acq: 03 Feb 2022 17:35

Tgt Ion:	65	Resp:	77931
Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	100.8

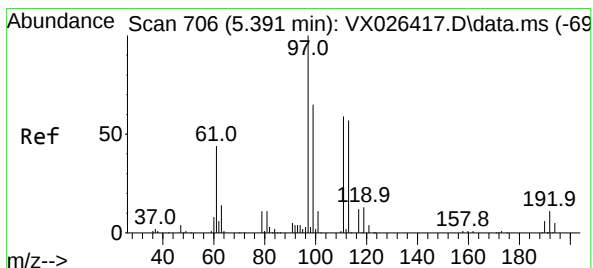
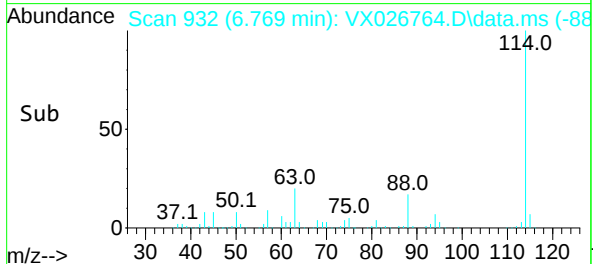
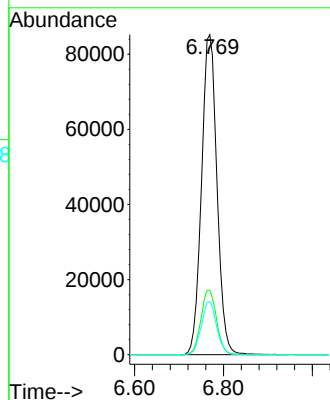
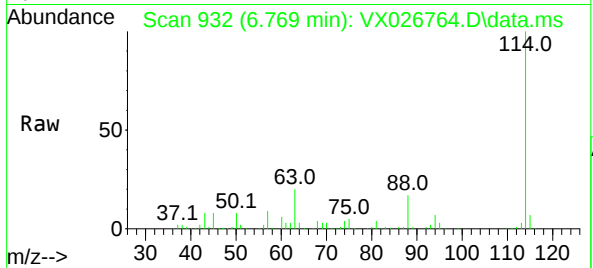




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX026764.D
Acq: 03 Feb 2022 17:35

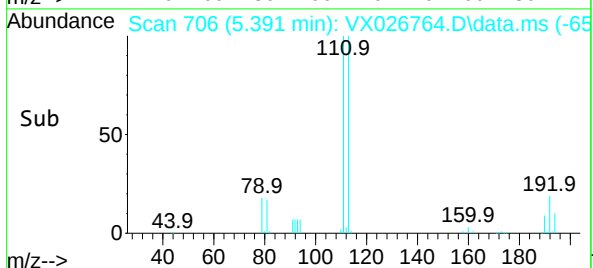
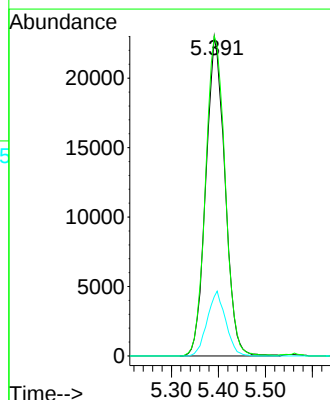
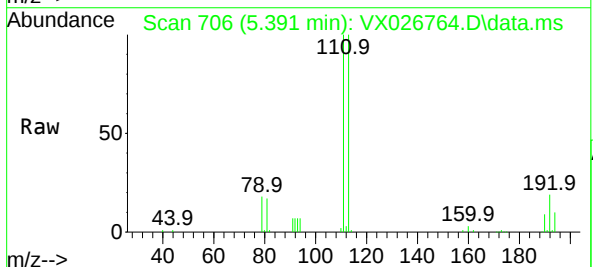
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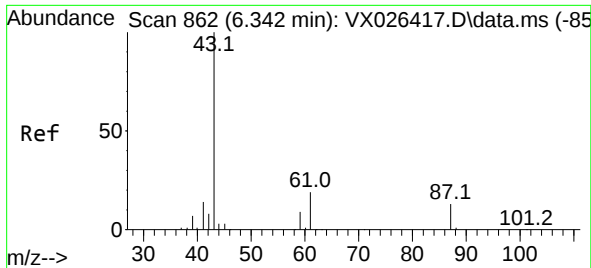
Tgt Ion:114 Resp: 206434
Ion Ratio Lower Upper
114 100
63 20.2 0.0 42.8
88 16.6 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.584 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX026764.D
Acq: 03 Feb 2022 17:35

Tgt Ion:113 Resp: 64767
Ion Ratio Lower Upper
113 100
111 102.8 81.2 121.8
192 19.6 15.0 22.4

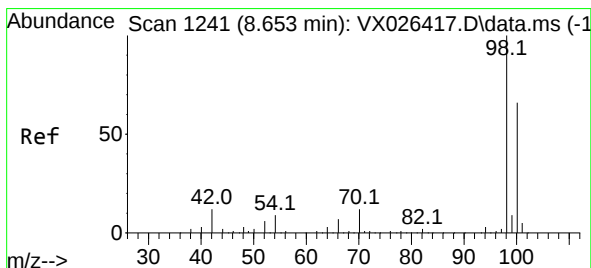
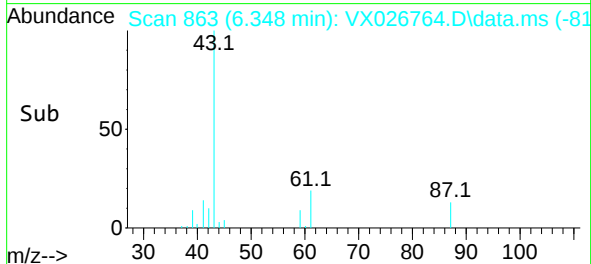
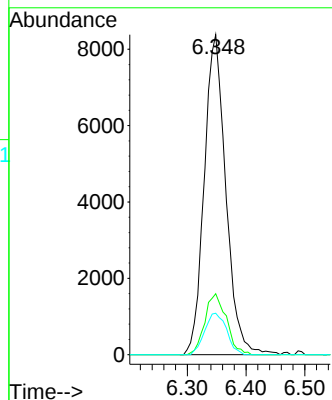
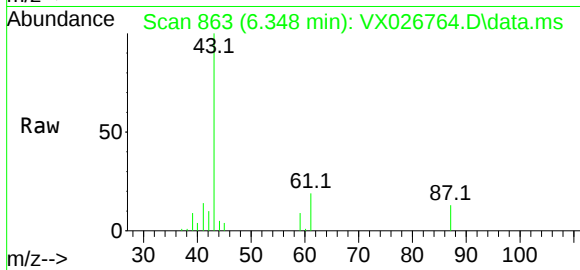




#43
Isopropyl Acetate
Concen: 6.227 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX026764.D
Acq: 03 Feb 2022 17:35

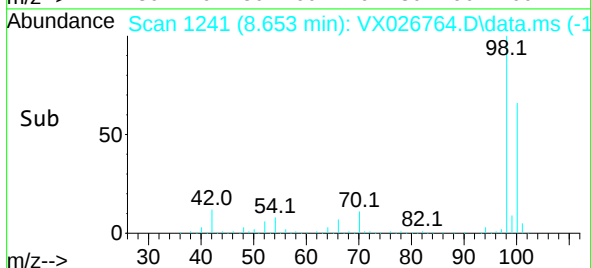
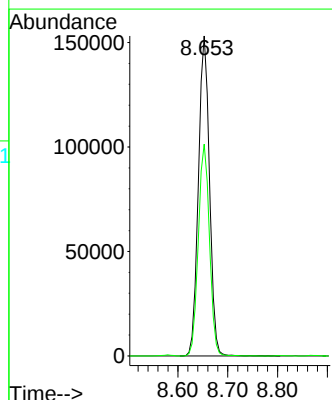
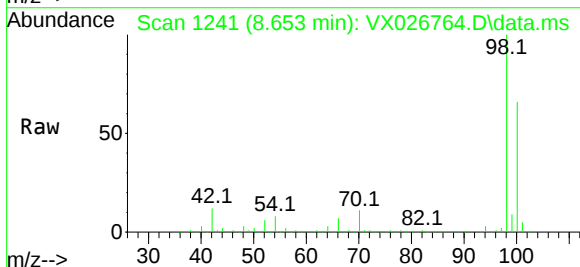
Instrument :
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ClientSampleId :
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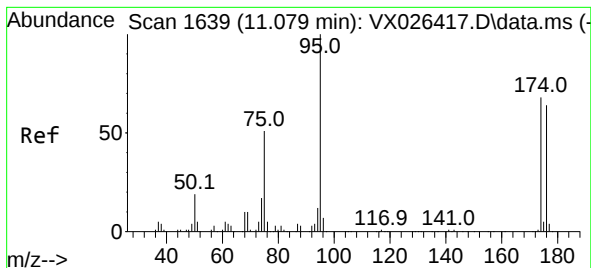
Tgt Ion: 43 Resp: 21413
Ion Ratio Lower Upper
43 100
61 19.0 15.4 23.0
87 13.2 10.2 15.2



#50
Toluene-d8
Concen: 49.180 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026764.D
Acq: 03 Feb 2022 17:35

Tgt Ion: 98 Resp: 236255
Ion Ratio Lower Upper
98 100
100 66.7 53.2 79.8

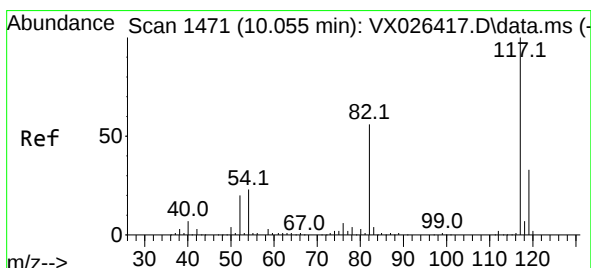
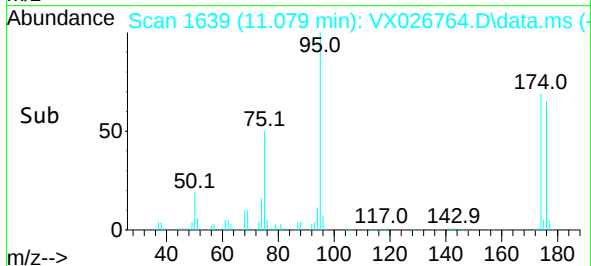
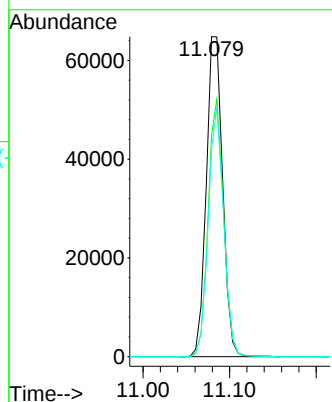
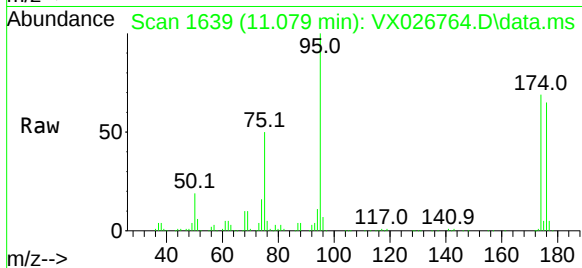




#62
4-Bromofluorobenzene
Concen: 49.856 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX026764.D
Acq: 03 Feb 2022 17:35

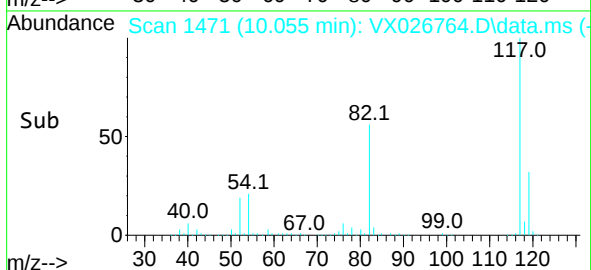
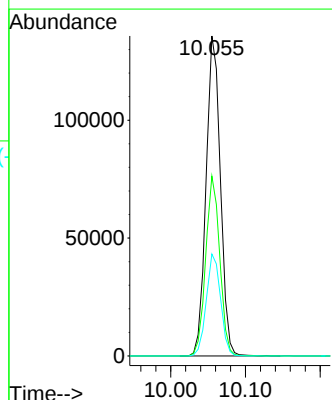
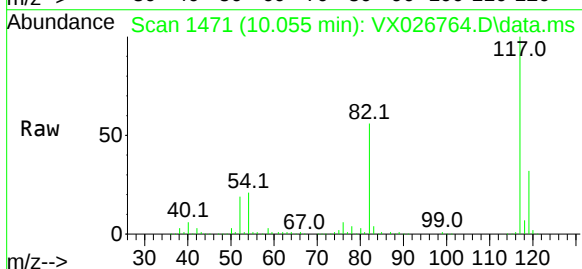
Instrument :
MSVOA_X
ClientSampleId :
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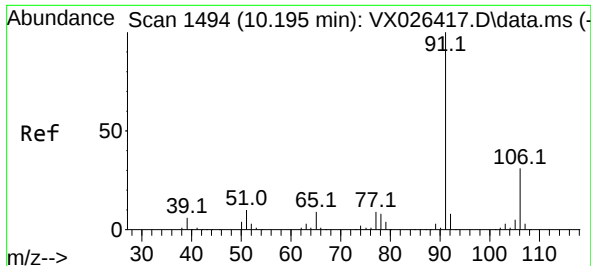
Tgt Ion: 95 Resp: 85080
Ion Ratio Lower Upper
95 100
174 76.3 0.0 148.6
176 73.2 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026764.D
Acq: 03 Feb 2022 17:35

Tgt Ion: 117 Resp: 180461
Ion Ratio Lower Upper
117 100
82 56.2 45.2 67.8
119 31.9 26.2 39.2





#67

Ethyl Benzene

Concen: 2.549 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX026764.D

Acq: 03 Feb 2022 17:35

Instrument :

MSVOA_X

ClientSampleId :

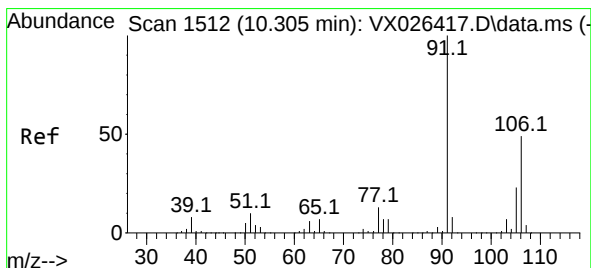
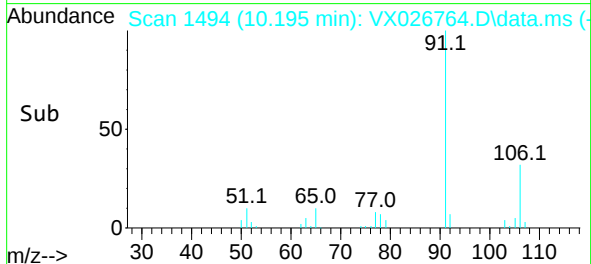
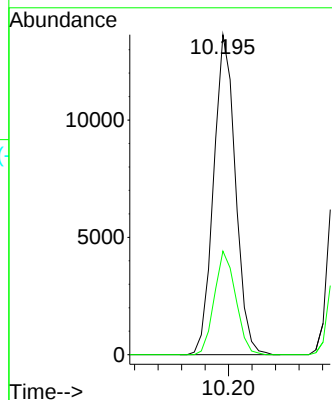
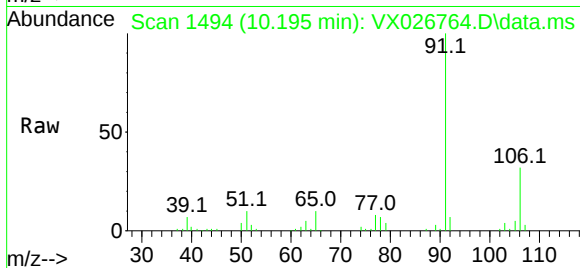
SOIL-CUTTINGS

Tgt Ion: 91 Resp: 17603

Ion Ratio Lower Upper

91 100

106 32.4 24.7 37.1



#68

m/p-Xylenes

Concen: 8.215 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX026764.D

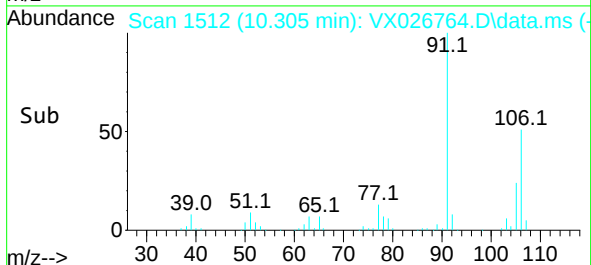
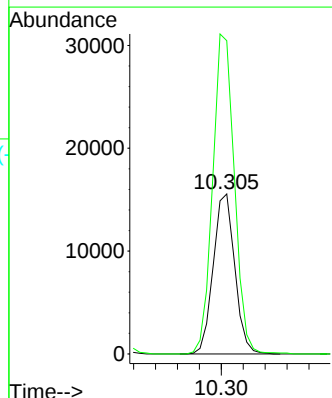
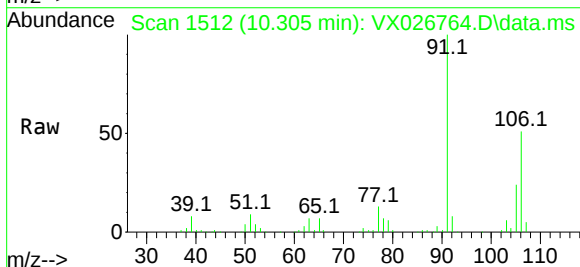
Acq: 03 Feb 2022 17:35

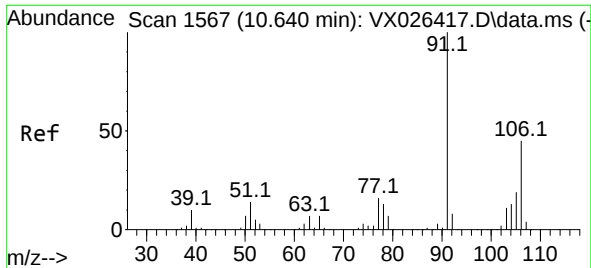
Tgt Ion: 106 Resp: 21230

Ion Ratio Lower Upper

106 100

91 201.6 165.3 247.9

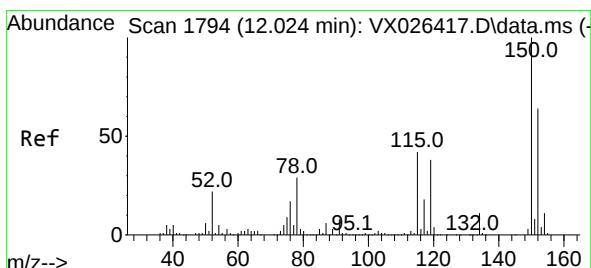
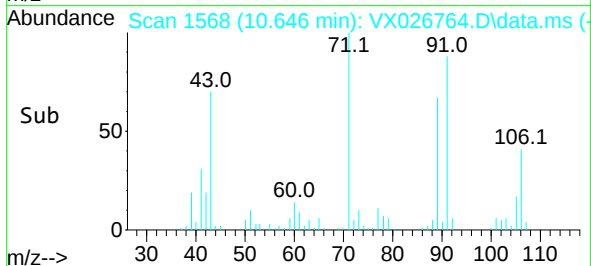
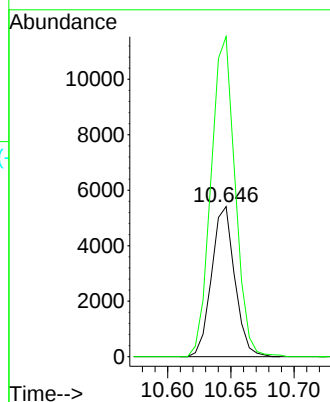
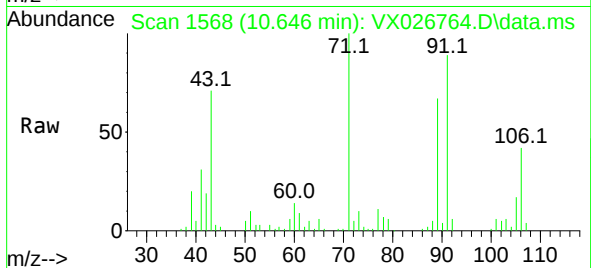




#69
o-Xylene
Concen: 2.763 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX026764.D
Acq: 03 Feb 2022 17:35

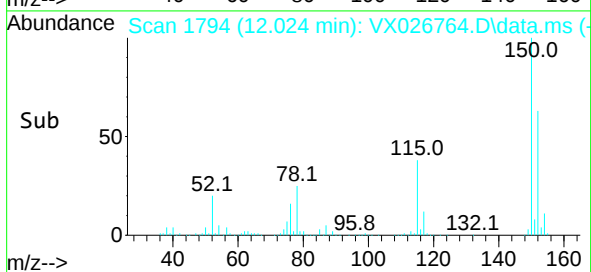
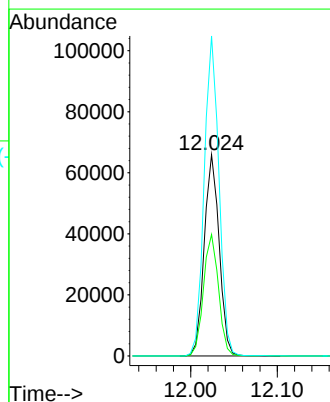
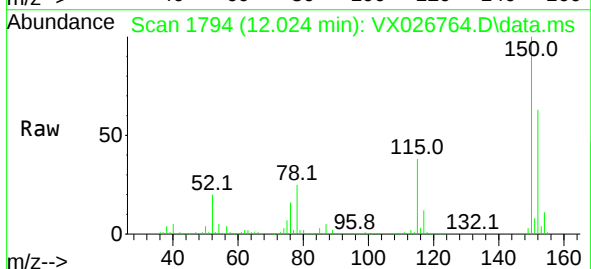
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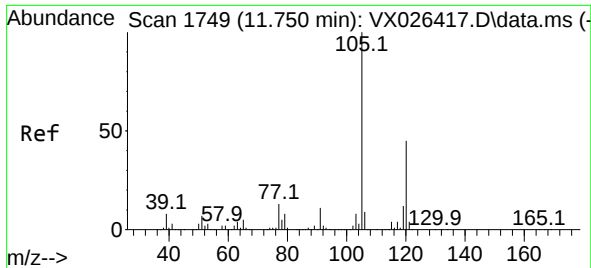
Tgt Ion:106 Resp: 6891
Ion Ratio Lower Upper
106 100
91 221.8 109.7 329.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX026764.D
Acq: 03 Feb 2022 17:35

Tgt Ion:152 Resp: 78910
Ion Ratio Lower Upper
152 100
115 60.7 44.2 132.6
150 157.4 0.0 348.2





#84
 1,2,4-Trimethylbenzene
 Concen: 1.395 ug/l
 RT: 11.756 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX026764.D
 Acq: 03 Feb 2022 17:35

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:105 Resp: 7443
 Ion Ratio Lower Upper
 105 100
 120 44.1 21.9 65.5

