

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092721\
 Data File : VD070484.D
 Acq On : 27 Sep 2021 18:15
 Operator : VA/SY
 Sample : M3889-03
 Misc : 6.85G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SUP-UST-04-(6-8)

Quant Time: Sep 28 04:16:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

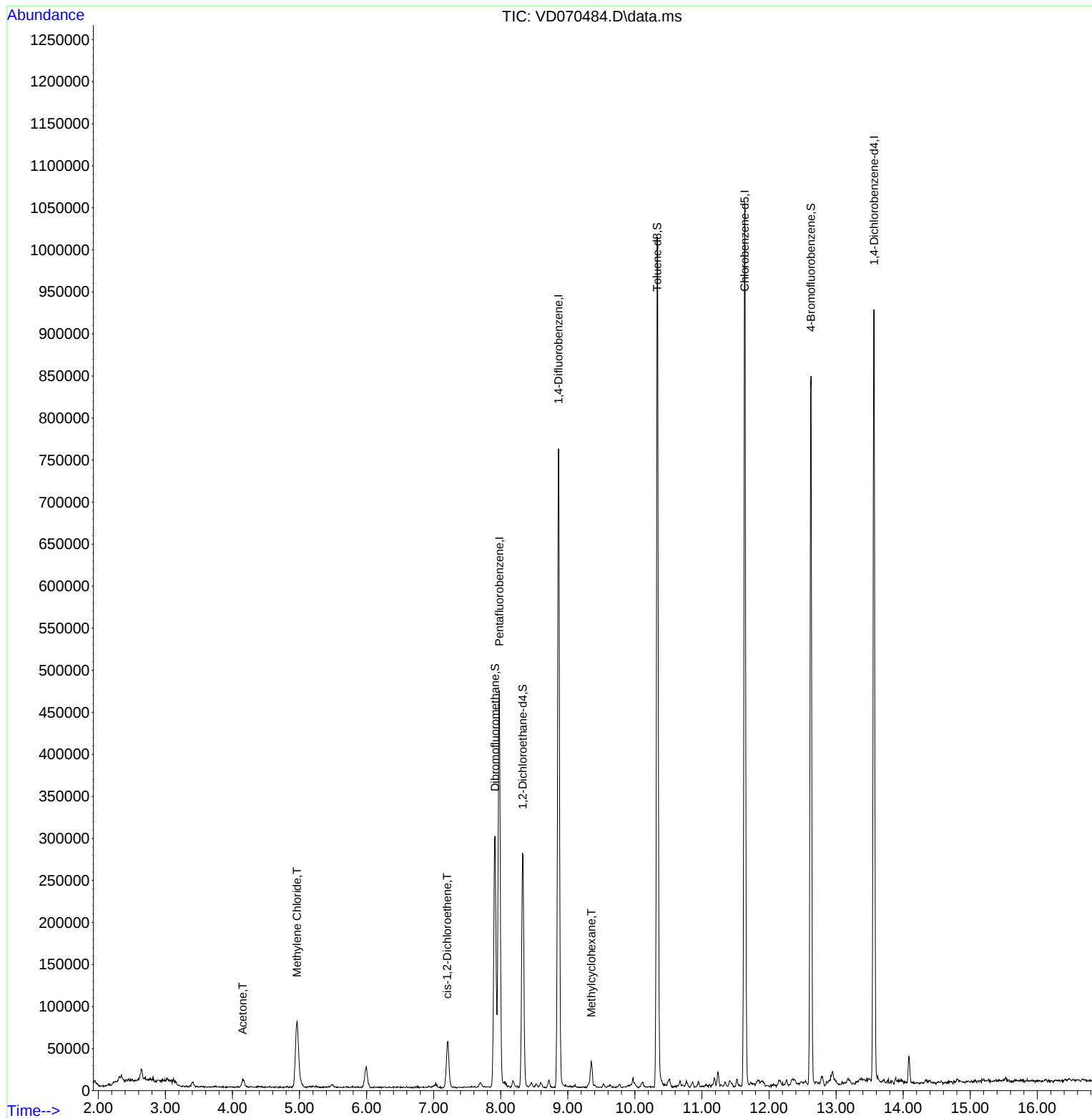
Internal Standards						
1) Pentafluorobenzene	7.979	168	328380	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	648613	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	627824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	261123	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	232381	55.113	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.220%
35) Dibromofluoromethane	7.914	113	225315	48.802	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.600%
50) Toluene-d8	10.332	98	705588	42.092	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	84.180%
62) 4-Bromofluorobenzene	12.626	95	239028	40.801	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.600%
Target Compounds						
					Qvalue	
16) Acetone	4.150	43	16834	22.362	ug/l #	74
20) Methylene Chloride	4.962	84	65791	7.910	ug/l	95
27) cis-1,2-Dichloroethene	7.203	96	34905	7.140	ug/l	86
39) Methylcyclohexane	9.350	83	11385	1.470	ug/l #	84

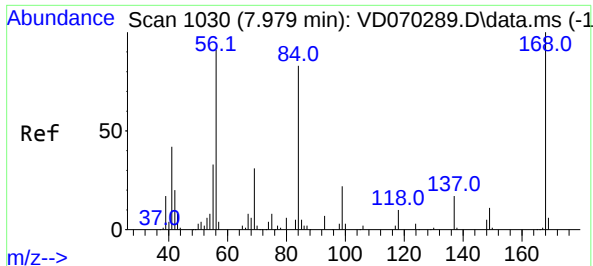
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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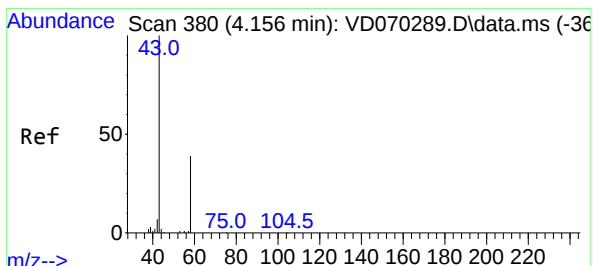
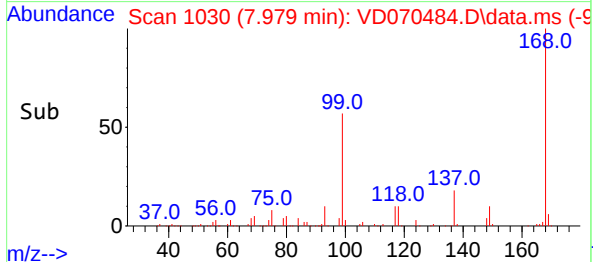
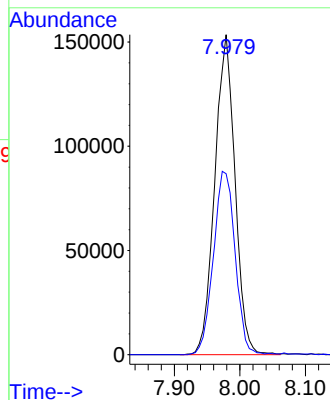
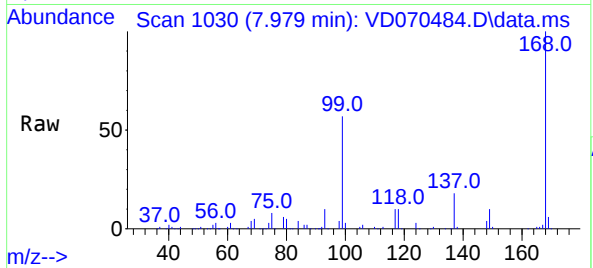




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070484.D
Acq: 27 Sep 2021 18:15

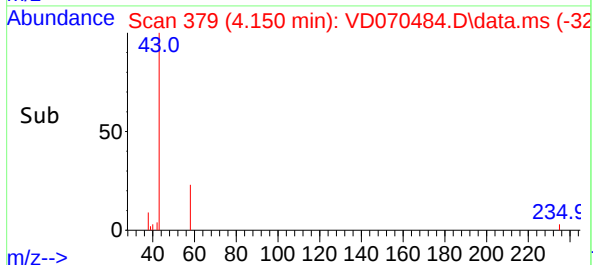
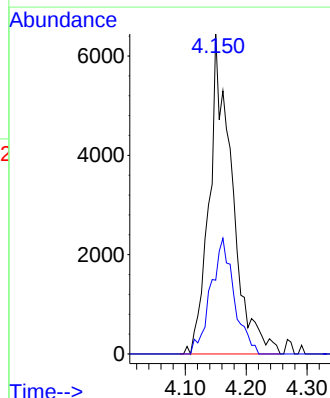
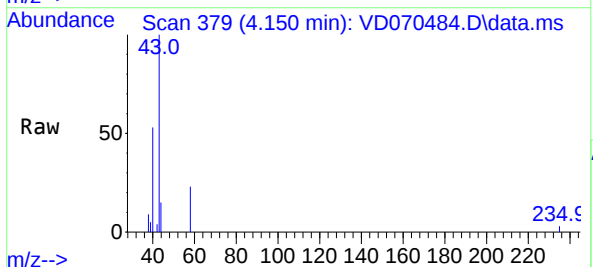
Instrument :
MSVOA_D
ClientSampleId :
SUP-UST-04-(6-8)

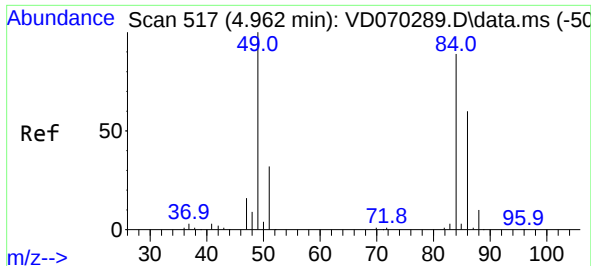
Tgt Ion:168 Resp: 328380
Ion Ratio Lower Upper
168 100
99 56.6 50.8 76.2



#16
Acetone
Concen: 22.362 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD070484.D
Acq: 27 Sep 2021 18:15

Tgt Ion: 43 Resp: 16834
Ion Ratio Lower Upper
43 100
58 23.0 30.9 46.3#





#20

Methylene Chloride

Concen: 7.910 ug/l

RT: 4.962 min Scan# 517

Delta R.T. -0.000 min

Lab File: VD070484.D

Acq: 27 Sep 2021 18:15

Instrument :

MSVOA_D

ClientSampleId :

SUP-UST-04-(6-8)

Tgt Ion: 84 Resp: 65791

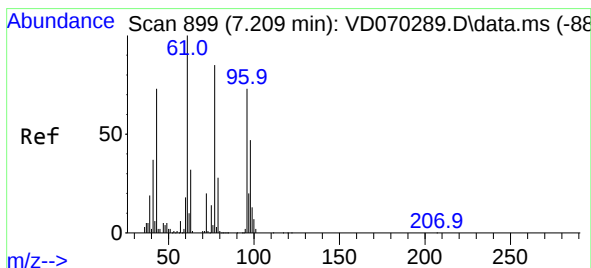
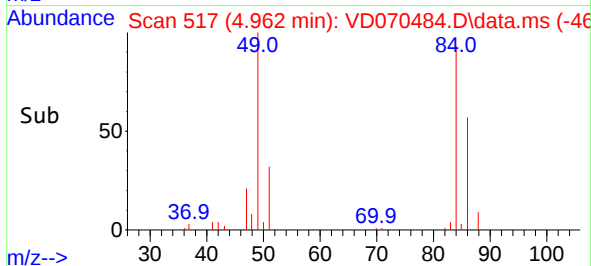
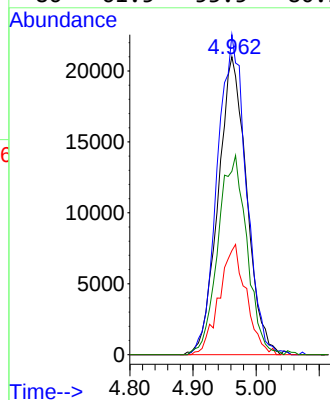
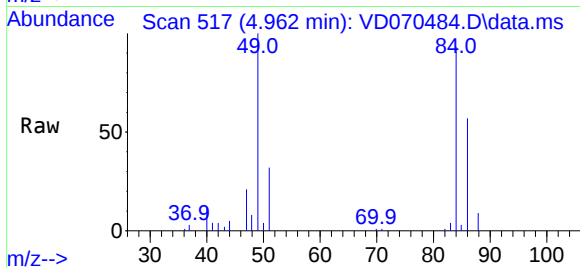
Ion Ratio Lower Upper

84 100

49 107.4 89.6 134.4

51 34.9 28.6 43.0

86 61.5 53.5 80.3



#27

cis-1,2-Dichloroethene

Concen: 7.140 ug/l

RT: 7.203 min Scan# 898

Delta R.T. -0.006 min

Lab File: VD070484.D

Acq: 27 Sep 2021 18:15

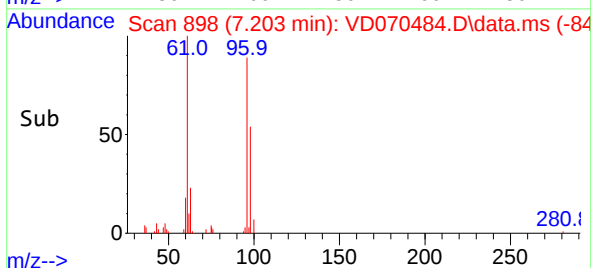
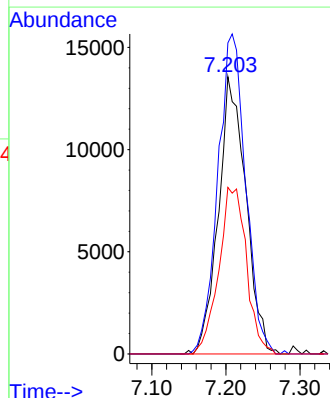
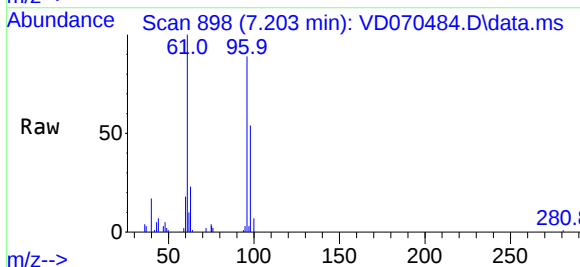
Tgt Ion: 96 Resp: 34905

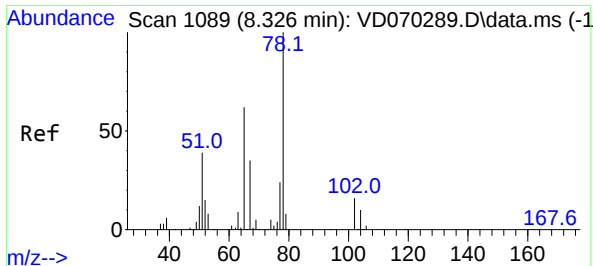
Ion Ratio Lower Upper

96 100

61 116.7 0.0 277.4

98 60.6 0.0 130.0

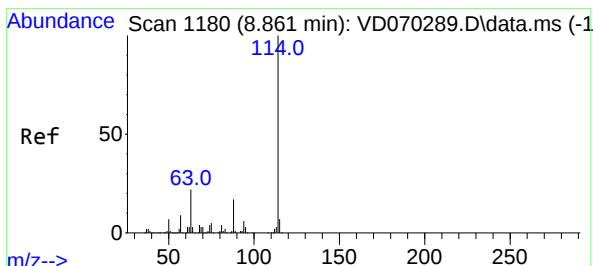
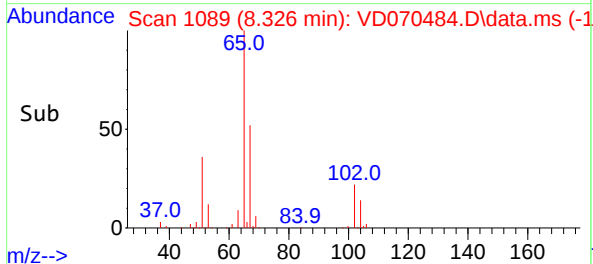
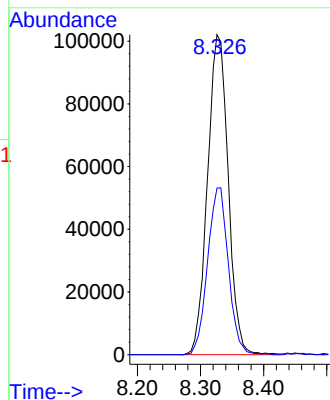
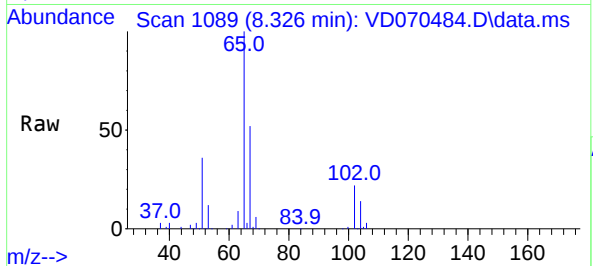




#33
1,2-Dichloroethane-d4
Concen: 55.113 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070484.D
Acq: 27 Sep 2021 18:15

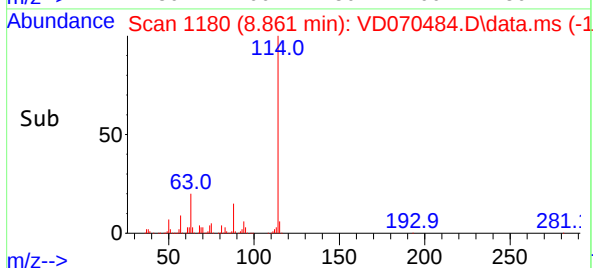
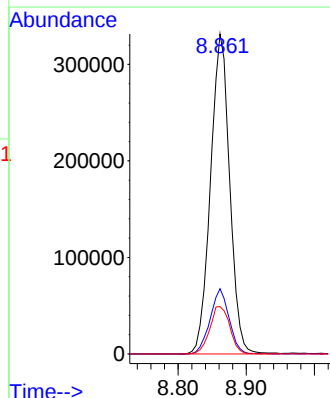
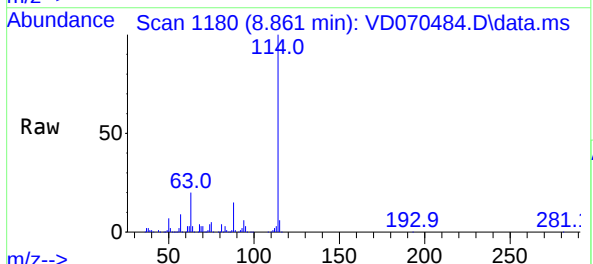
Instrument :
MSVOA_D
ClientSampleId :
SUP-UST-04-(6-8)

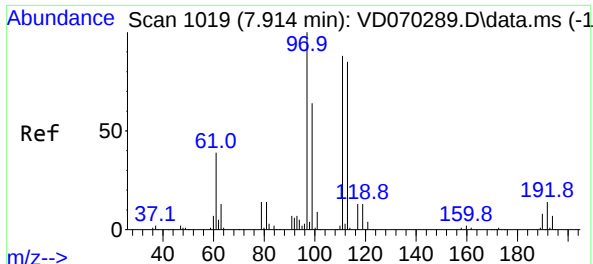
Tgt Ion: 65 Resp: 232381
Ion Ratio Lower Upper
65 100
67 52.4 0.0 111.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070484.D
Acq: 27 Sep 2021 18:15

Tgt Ion:114 Resp: 648613
Ion Ratio Lower Upper
114 100
63 20.4 0.0 43.4
88 14.8 0.0 33.4

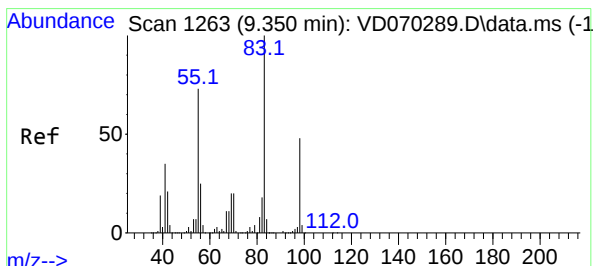
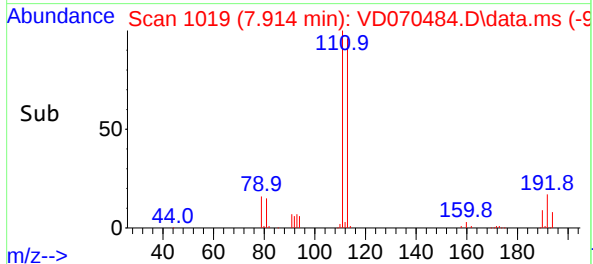
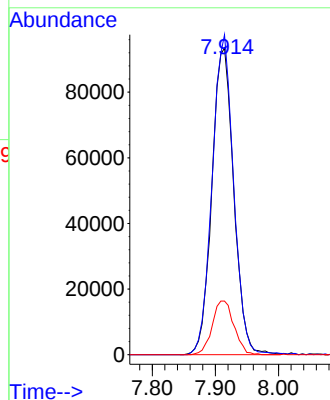
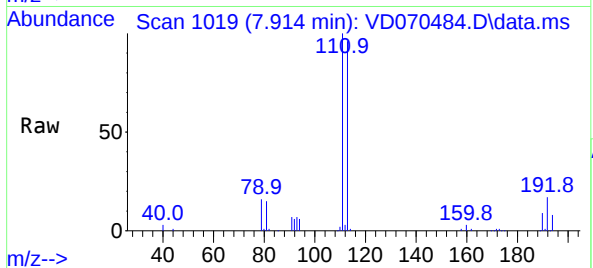




#35
Dibromofluoromethane
Concen: 48.802 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070484.D
Acq: 27 Sep 2021 18:15

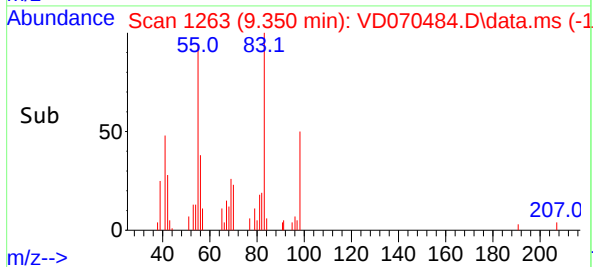
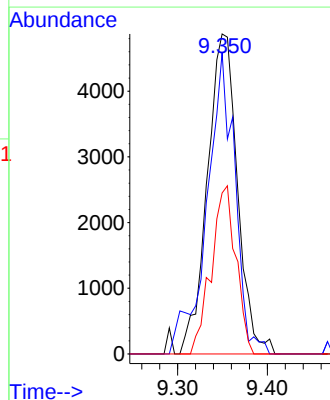
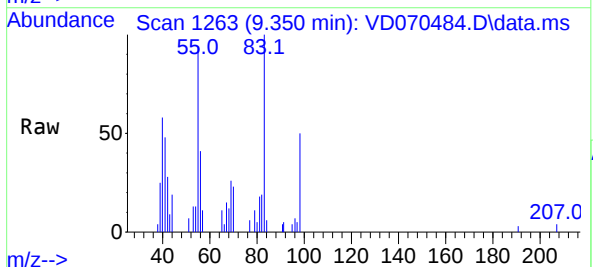
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ClientSampleId :
SUP-UST-04-(6-8)

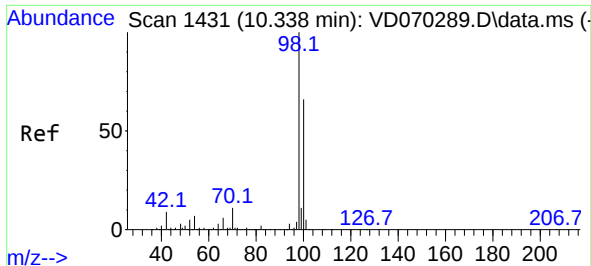
Tgt Ion:113 Resp: 225315
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.2
192 17.4 13.0 19.6



#39
Methylcyclohexane
Concen: 1.470 ug/l
RT: 9.350 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VD070484.D
Acq: 27 Sep 2021 18:15

Tgt Ion: 83 Resp: 11385
Ion Ratio Lower Upper
83 100
55 94.2 58.5 87.7#
98 50.3 38.4 57.6

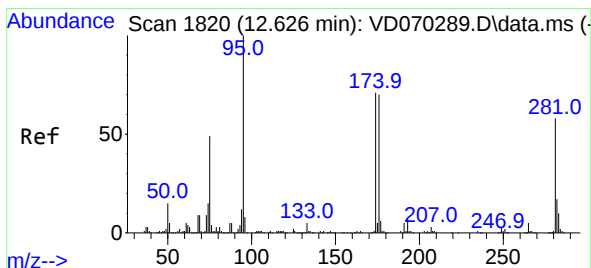
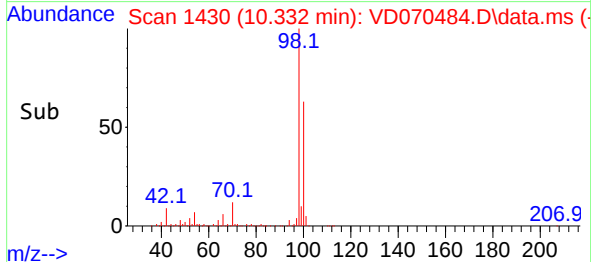
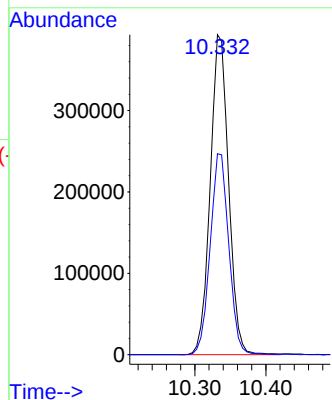
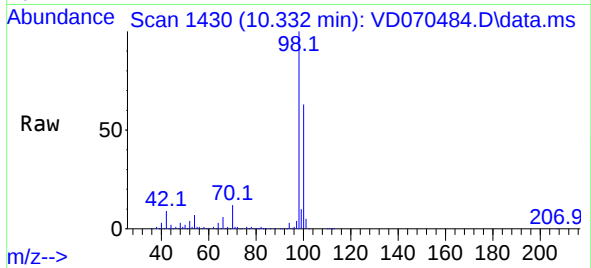




#50
Toluene-d8
Concen: 42.092 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070484.D
Acq: 27 Sep 2021 18:15

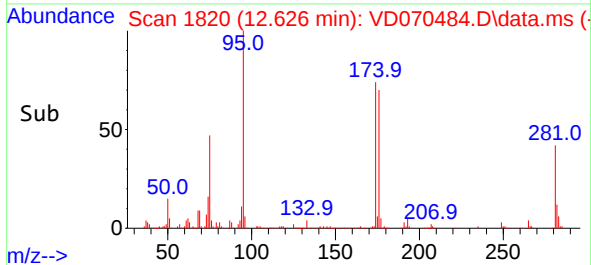
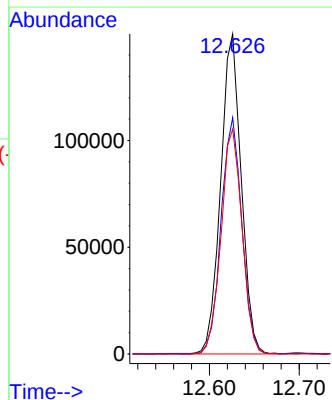
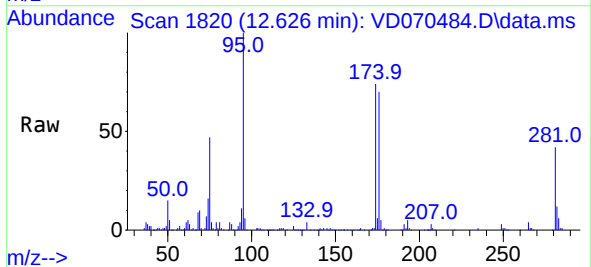
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SUP-UST-04-(6-8)

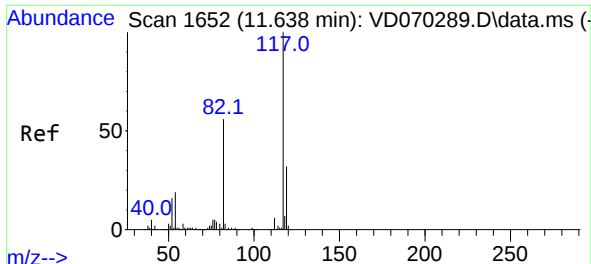
Tgt Ion: 98 Resp: 705588
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 40.801 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070484.D
Acq: 27 Sep 2021 18:15

Tgt Ion: 95 Resp: 239028
Ion Ratio Lower Upper
95 100
174 74.1 0.0 140.6
176 71.4 0.0 137.4

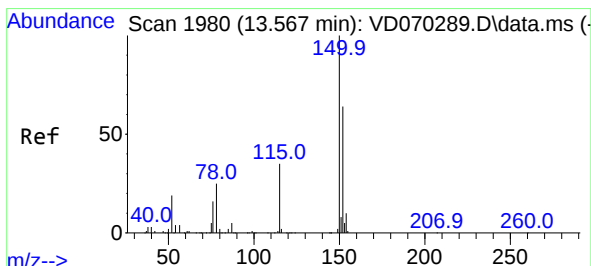
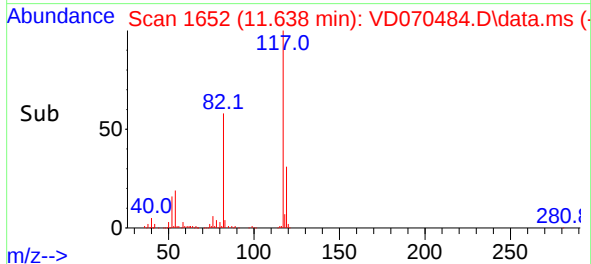
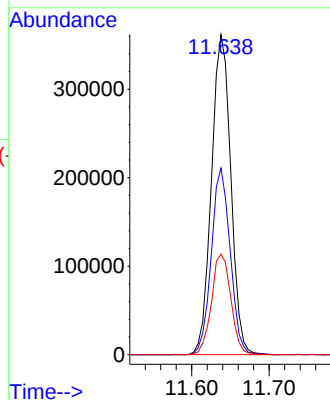
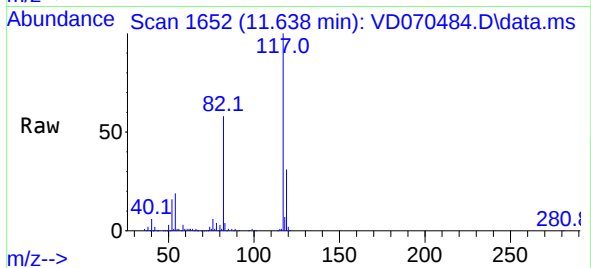




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070484.D
Acq: 27 Sep 2021 18:15

Instrument :
MSVOA_D
ClientSampleId :
SUP-UST-04-(6-8)

Tgt Ion:	117	Resp:	627824
Ion	Ratio	Lower	Upper
117	100		
82	58.2	45.0	67.4
119	31.4	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070484.D
Acq: 27 Sep 2021 18:15

Tgt Ion:	152	Resp:	261123
Ion	Ratio	Lower	Upper
152	100		
115	61.0	32.1	96.3
150	156.2	0.0	350.6

