

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020422\
 Data File : VD071905.D
 Acq On : 04 Feb 2022 18:18
 Operator : VA/SY
 Sample : N1397-02RE
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 KTS1-MH-02-3-4RE

Quant Time: Feb 07 04:21:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

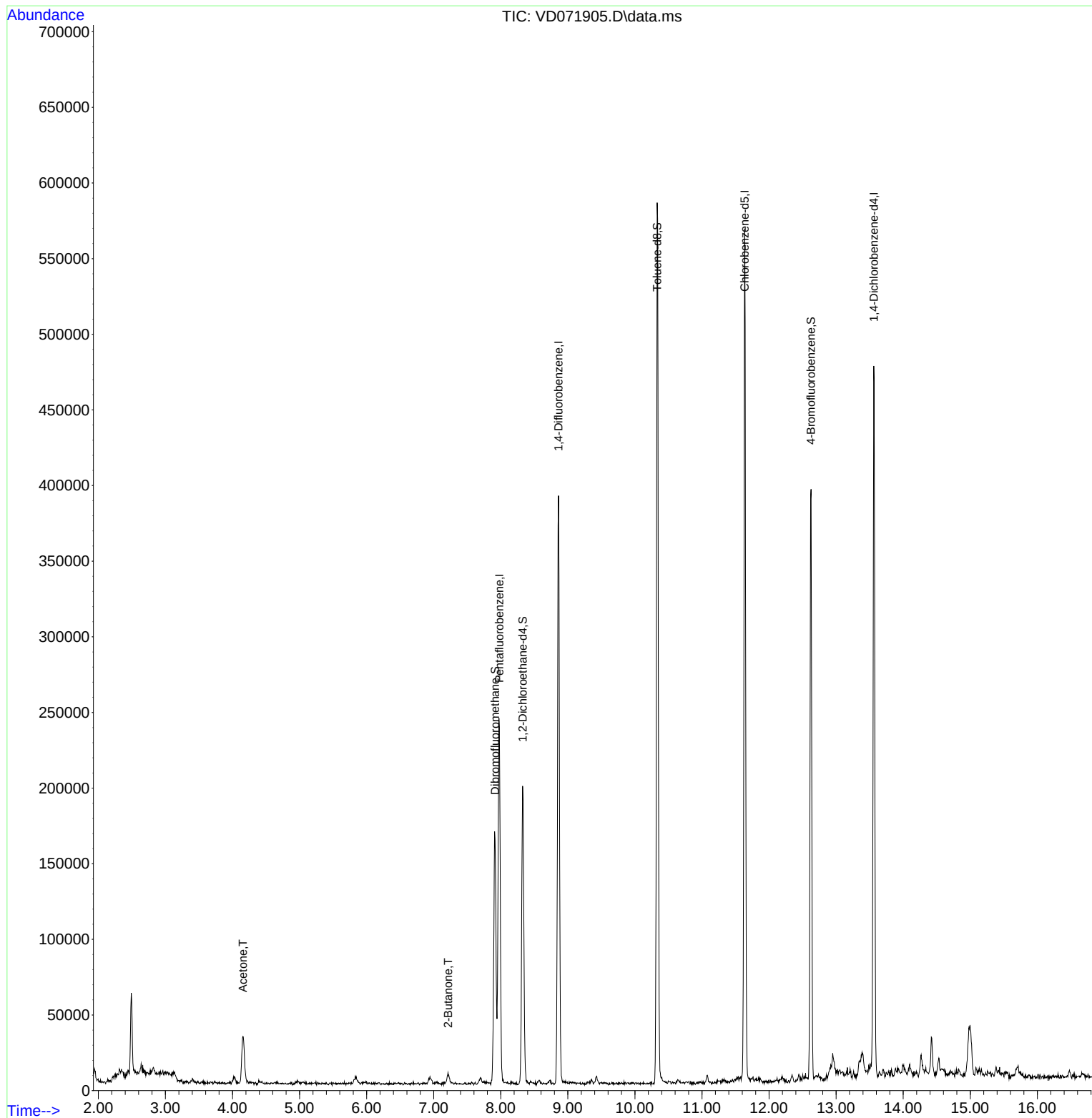
Internal Standards						
1) Pentafluorobenzene	7.979	168	167177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	304894	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	299200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	116646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	156073	73.862	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 147.720%	
35) Dibromofluoromethane	7.914	113	117824	58.790	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.580%	
50) Toluene-d8	10.332	98	384502	51.371	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.740%	
62) 4-Bromofluorobenzene	12.626	95	128642	49.216	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.440%	
Target Compounds						Qvalue
16) Acetone	4.156	43	58999	102.000	ug/l	90
25) 2-Butanone	7.214	43	11450	16.980	ug/l	100

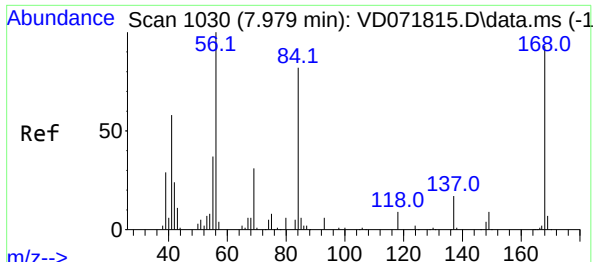
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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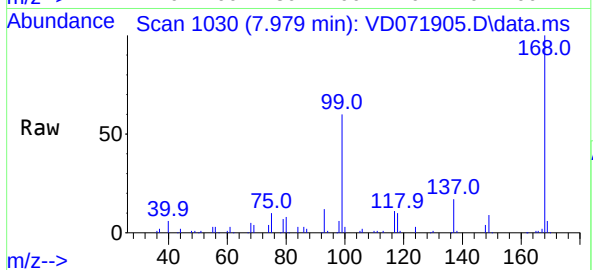
Quant Time: Feb 07 04:21:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260
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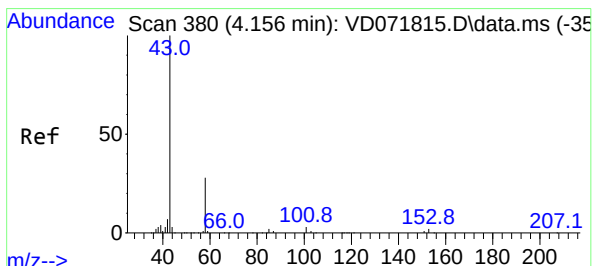
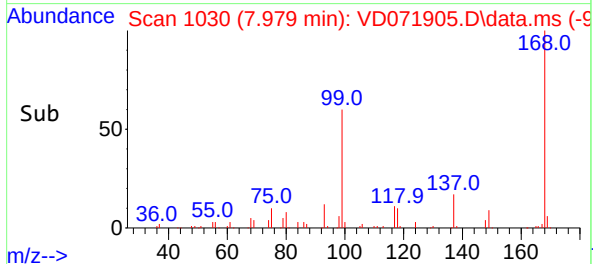
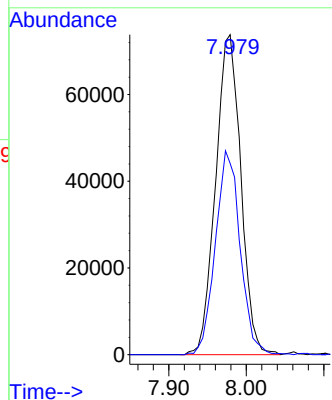


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071905.D
Acq: 04 Feb 2022 18:18

Instrument :
MSVOA_D
ClientSampleId :
KTS1-MH-02-3-4RE

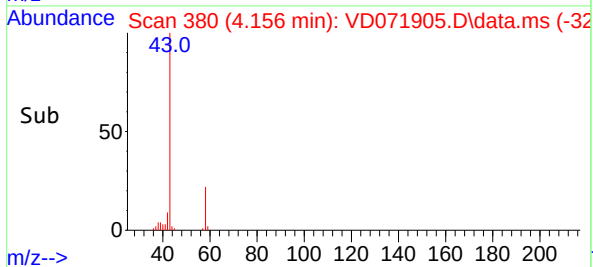
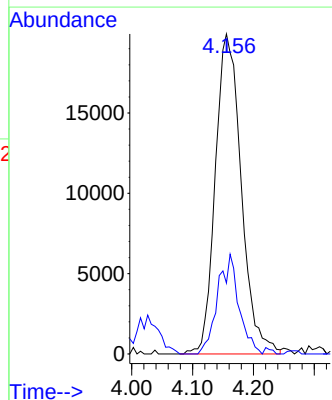
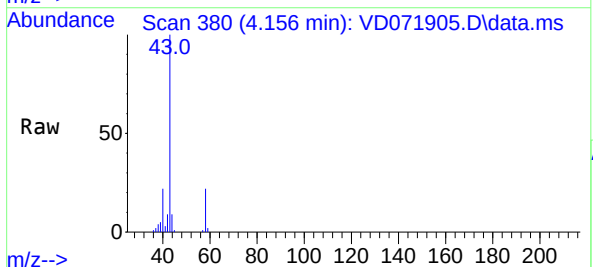


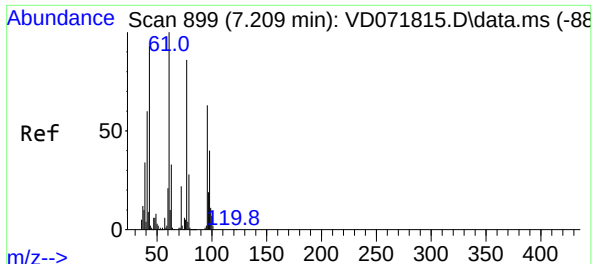
Tgt Ion:168 Resp: 167177
Ion Ratio Lower Upper
168 100
99 59.8 49.8 74.6



#16
Acetone
Concen: 102.000 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071905.D
Acq: 04 Feb 2022 18:18

Tgt Ion: 43 Resp: 58999
Ion Ratio Lower Upper
43 100
58 22.1 22.1 33.1





#25

2-Butanone

Concen: 16.980 ug/l

RT: 7.214 min Scan# 90

Delta R.T. -0.000 min

Lab File: VD071905.D

Acq: 04 Feb 2022 18:18

Instrument :

MSVOA_D

ClientSampleId :

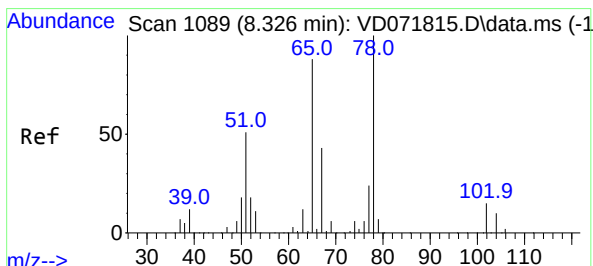
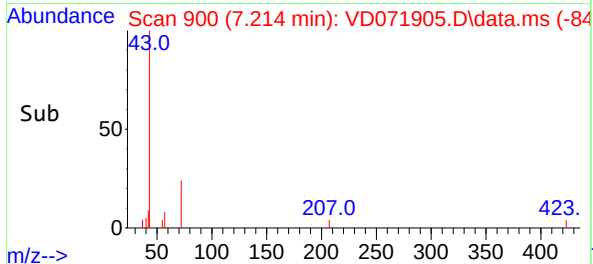
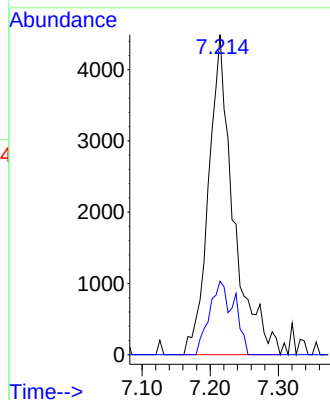
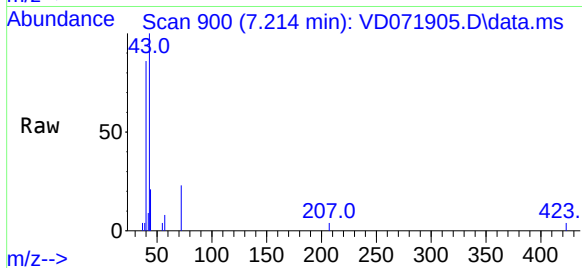
KTS1-MH-02-3-4RE

Tgt Ion: 43 Resp: 11450

Ion Ratio Lower Upper

43 100

72 23.0 18.6 27.8



#33

1,2-Dichloroethane-d4

Concen: 73.862 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD071905.D

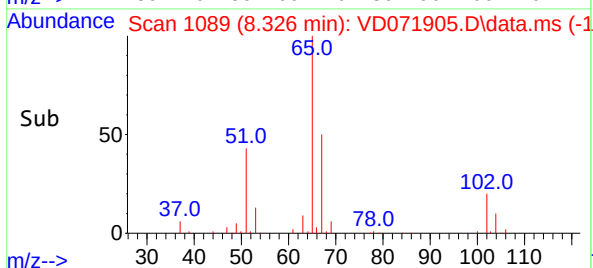
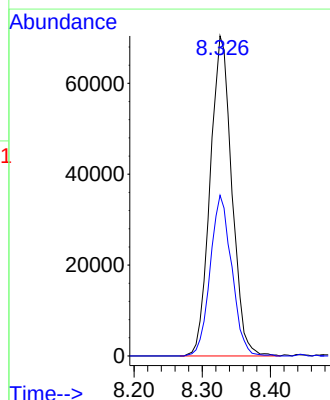
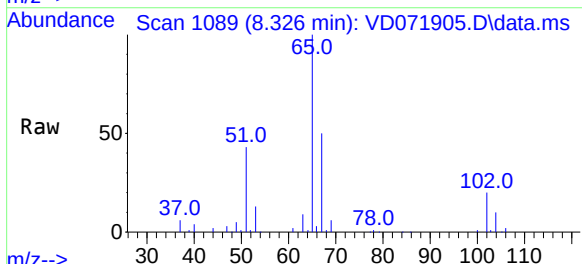
Acq: 04 Feb 2022 18:18

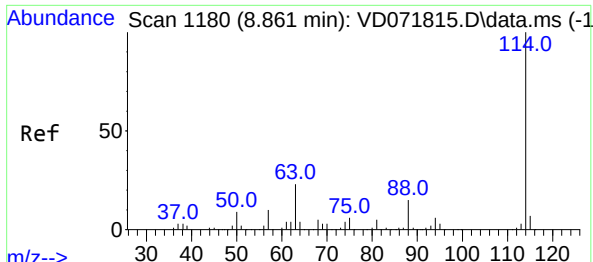
Tgt Ion: 65 Resp: 156073

Ion Ratio Lower Upper

65 100

67 49.7 0.0 101.4



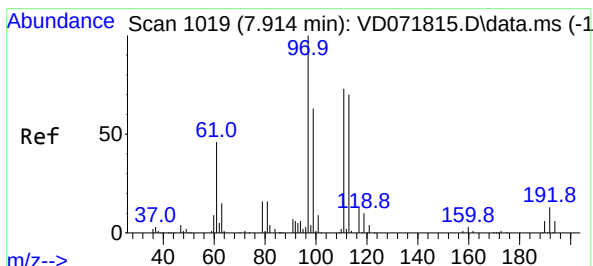
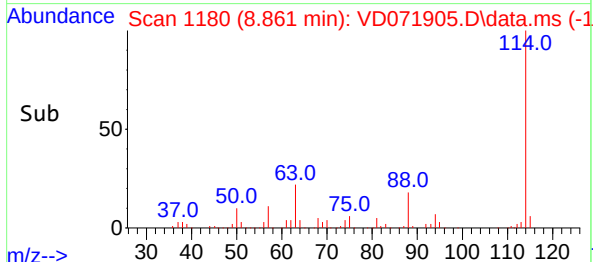
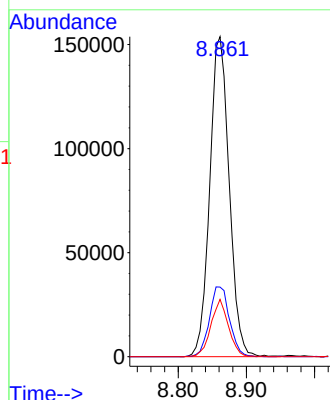
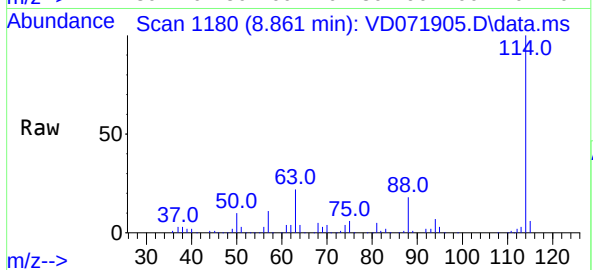


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD071905.D
Acq: 04 Feb 2022 18:18

Instrument :
MSVOA_D
ClientSampleId :
KTS1-MH-02-3-4RE

Tgt Ion:114 Resp: 304894

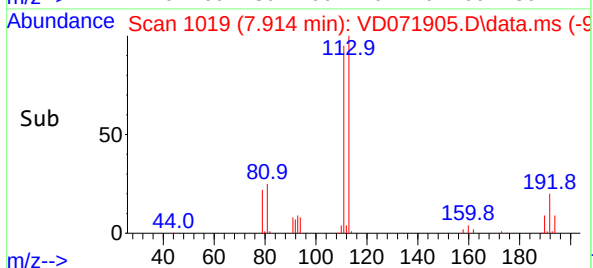
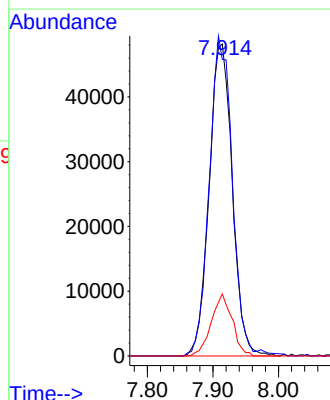
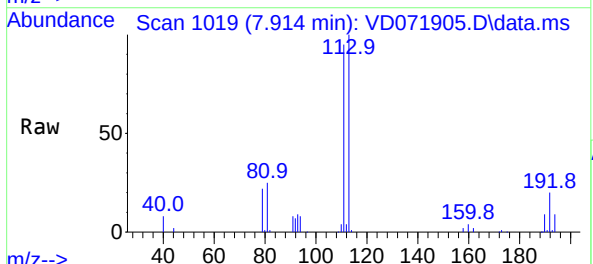
Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	46.6
88	17.9	0.0	33.2

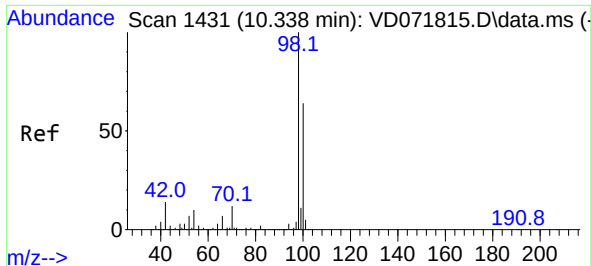


#35
Dibromofluoromethane
Concen: 58.790 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD071905.D
Acq: 04 Feb 2022 18:18

Tgt Ion:113 Resp: 117824

Ion	Ratio	Lower	Upper
113	100		
111	101.3	83.8	125.6
192	18.0	14.6	21.8

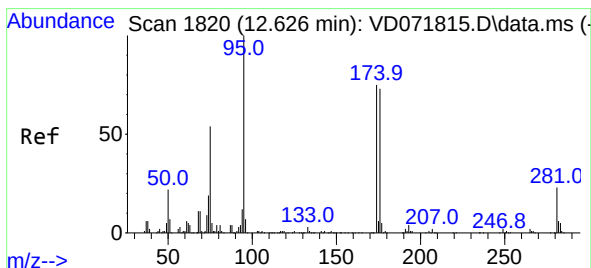
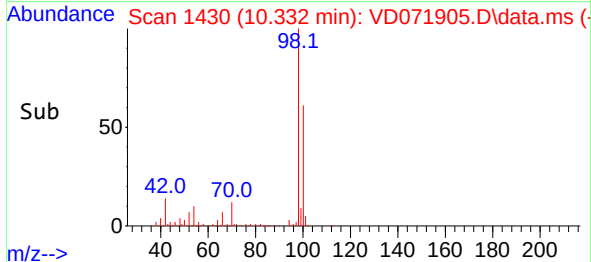
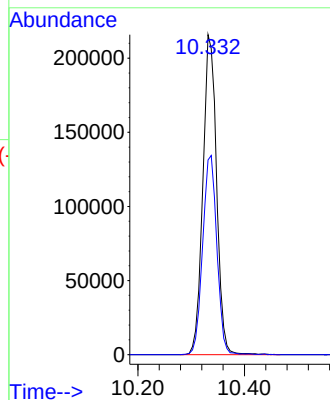
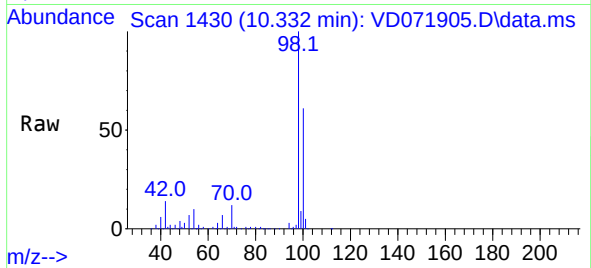




#50
Toluene-d8
Concen: 51.371 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071905.D
Acq: 04 Feb 2022 18:18

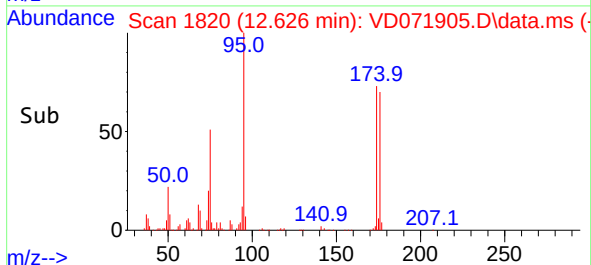
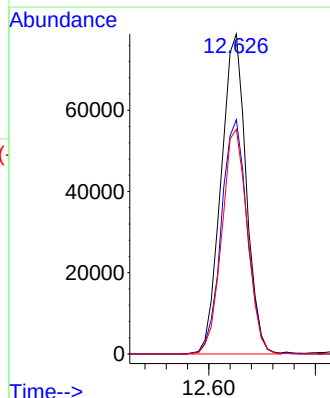
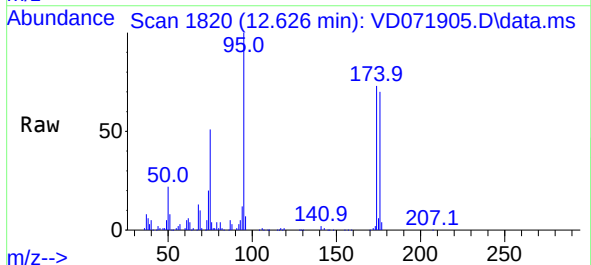
Instrument :
MSVOA_D
ClientSampleId :
KTS1-MH-02-3-4RE

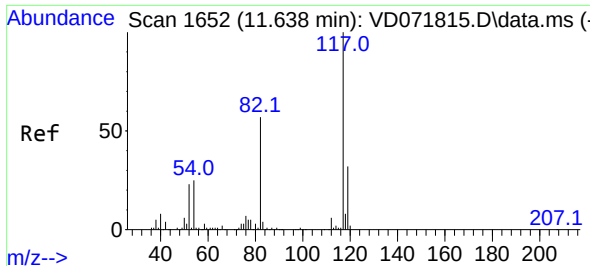
Tgt Ion: 98 Resp: 384502
Ion Ratio Lower Upper
98 100
100 64.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 49.216 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071905.D
Acq: 04 Feb 2022 18:18

Tgt Ion: 95 Resp: 128642
Ion Ratio Lower Upper
95 100
174 75.5 0.0 152.8
176 71.3 0.0 145.4

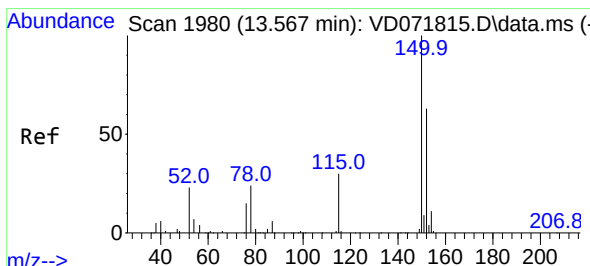
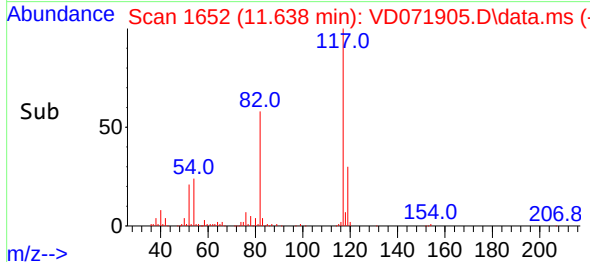
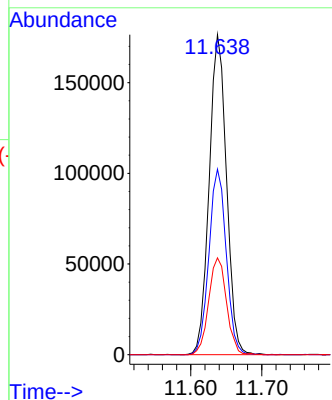
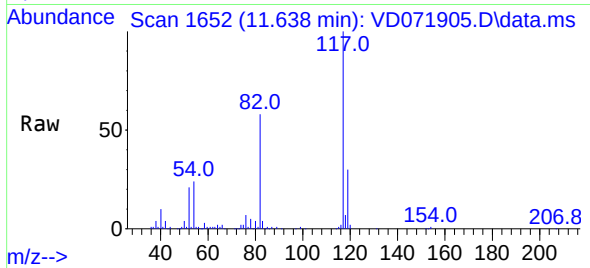




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD071905.D
Acq: 04 Feb 2022 18:18

Instrument :
MSVOA_D
ClientSampleId :
KTS1-MH-02-3-4RE

Tgt Ion:117 Resp: 299200
Ion Ratio Lower Upper
117 100
82 57.9 45.3 67.9
119 30.3 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071905.D
Acq: 04 Feb 2022 18:18

Tgt Ion:152 Resp: 116646
Ion Ratio Lower Upper
152 100
115 62.1 31.3 93.8
150 157.9 0.0 348.6

