

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020422\
 Data File : VD071899.D
 Acq On : 04 Feb 2022 15:26
 Operator : VA/SY
 Sample : N1397-01
 Misc : 5.67G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 KTS1-MH-01-4-5

Quant Time: Feb 07 04:19:44 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)

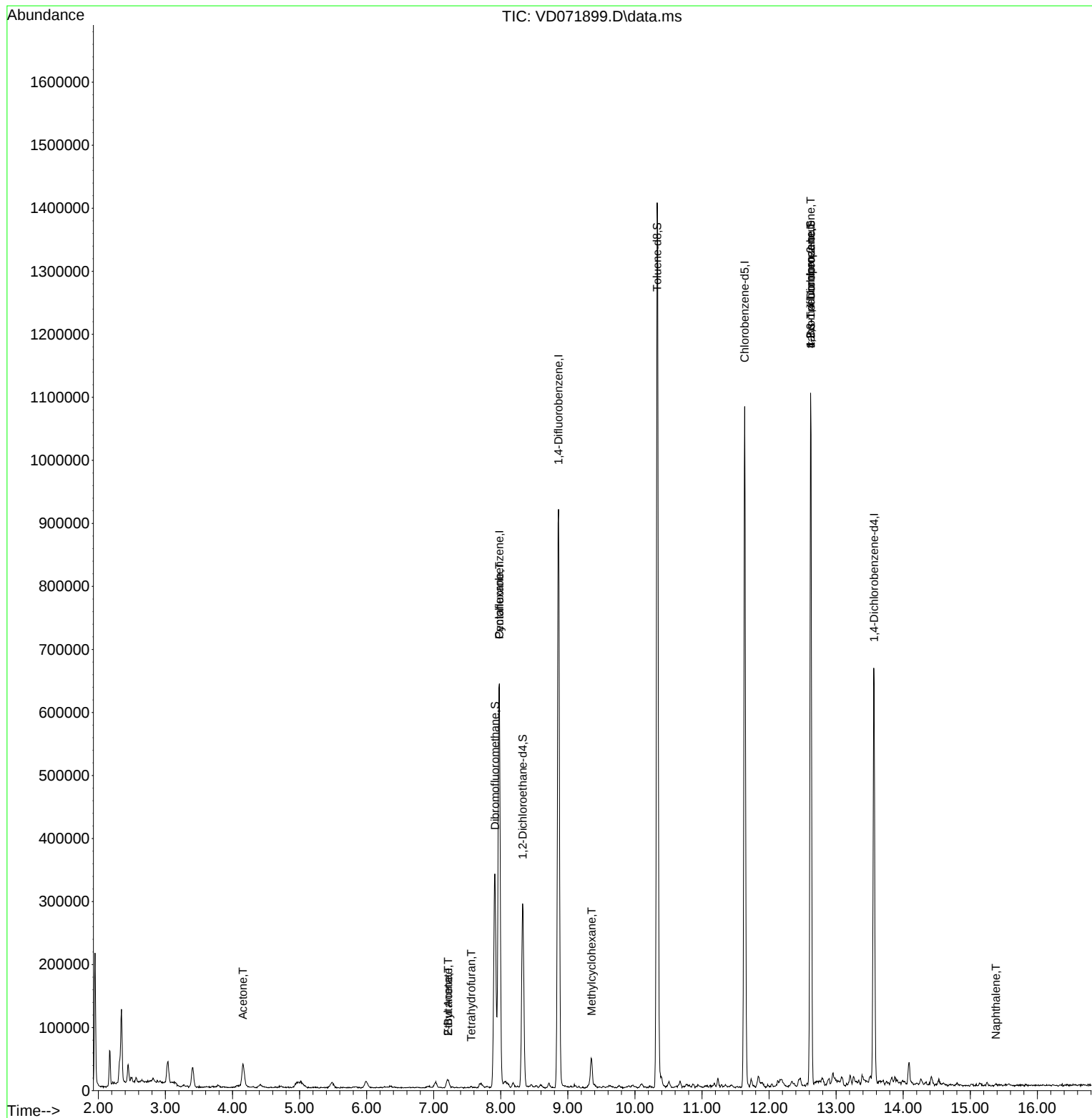
Internal Standards						
1) Pentafluorobenzene	7.979	168	440927	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	749493	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	574925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	164004	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	234645	42.103	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.200%
35) Dibromofluoromethane	7.914	113	242307	49.183	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.360%
50) Toluene-d8	10.332	98	927236	50.395	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.800%
62) 4-Bromofluorobenzene	12.620	95	231221	35.986	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	71.980%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.226	59	175	Below Cal	#	74
16) Acetone	4.156	43	67120	43.996	ug/l	91
20) Methylene Chloride	4.956	84	2438	Below Cal	#	89
25) 2-Butanone	7.214	43	17087	9.608	ug/l	92
29) Tetrahydrofuran	7.561	42	1117	1.061	ug/l	# 50
31) Cyclohexane	7.979	56	20854	1.960	ug/l	# 37
37) Ethyl Acetate	7.214	43	17087	4.346	ug/l	# 88
39) Methylcyclohexane	9.355	83	16617	1.696	ug/l	92
76) 1,2,3-Trichloropropane	12.620	75	130816	75.686	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.620	75	130816	186.095	ug/l	# 8
95) Naphthalene	15.384	128	2973	1.961	ug/l	# 79

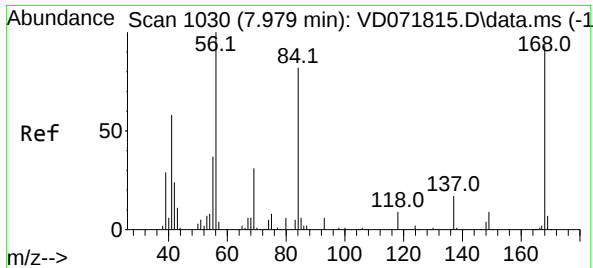
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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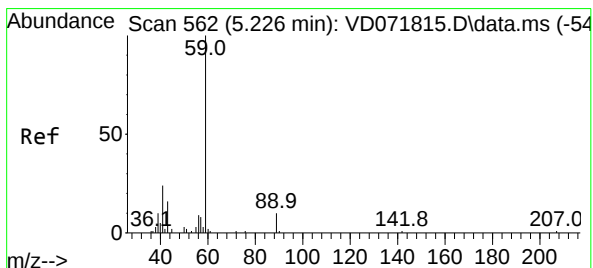
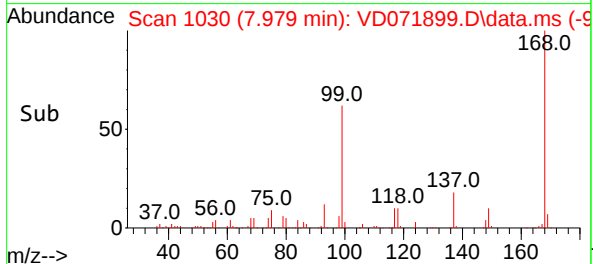
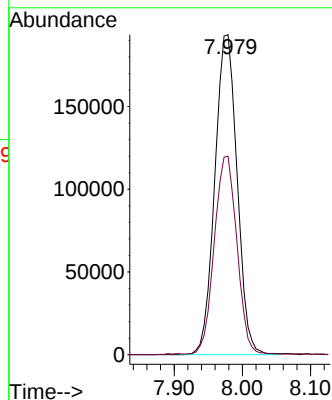
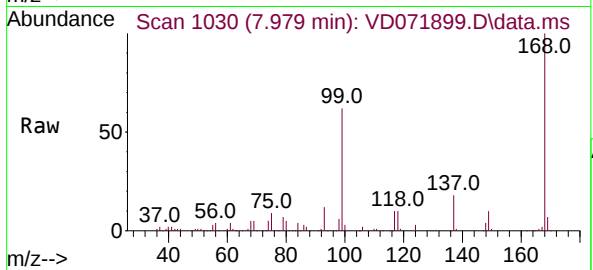




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071899.D
Acq: 04 Feb 2022 15:26

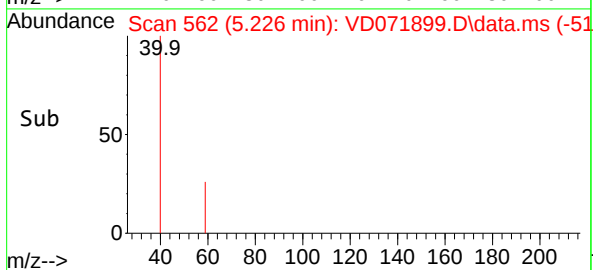
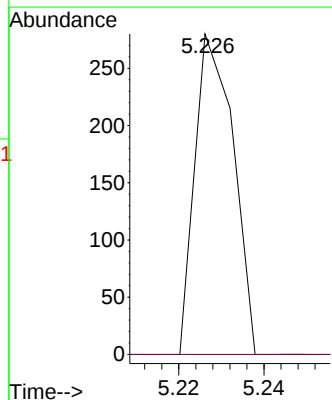
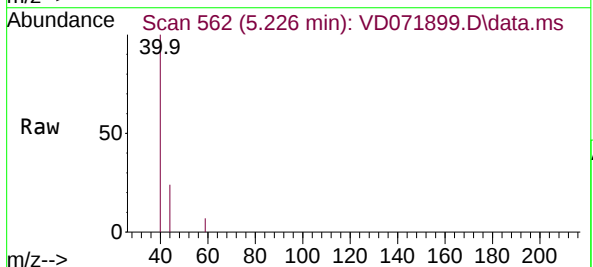
Instrument :
MSVOA_D
ClientSampleId :
KTS1-MH-01-4-5

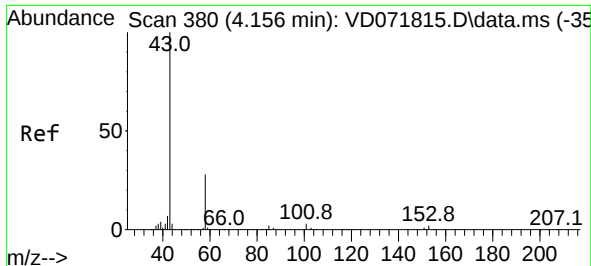
Tgt Ion:168 Resp: 440927
Ion Ratio Lower Upper
168 100
99 61.8 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 562
Delta R.T. 0.006 min
Lab File: VD071899.D
Acq: 04 Feb 2022 15:26

Tgt Ion: 59 Resp: 175
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

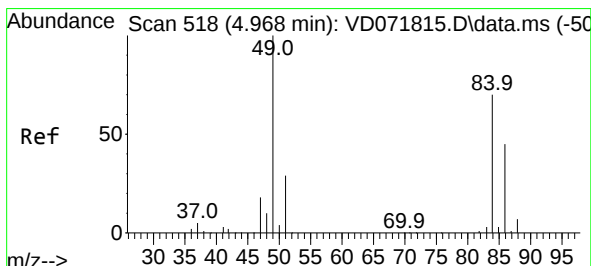
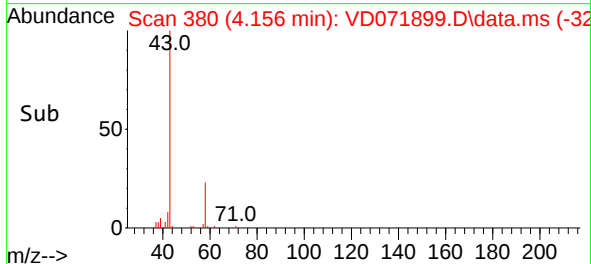
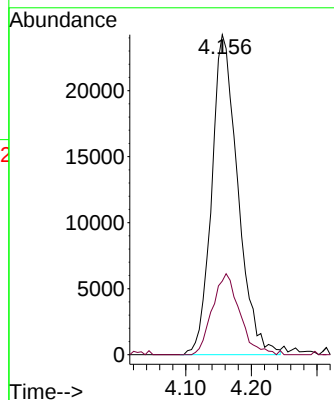
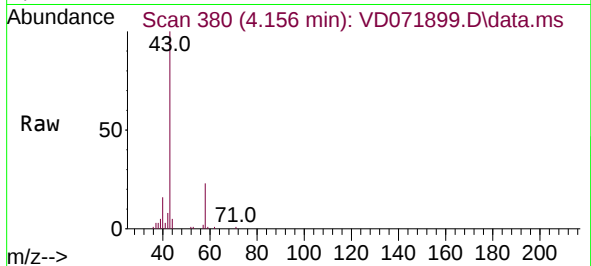




#16
Acetone
Concen: 43.996 ug/l
RT: 4.156 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD071899.D
Acq: 04 Feb 2022 15:26

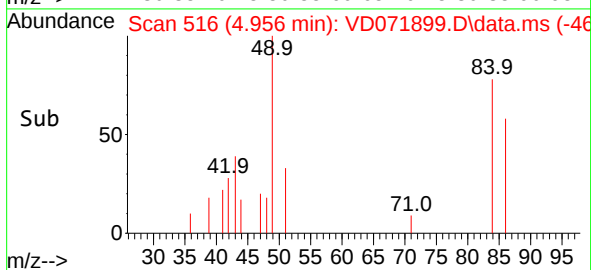
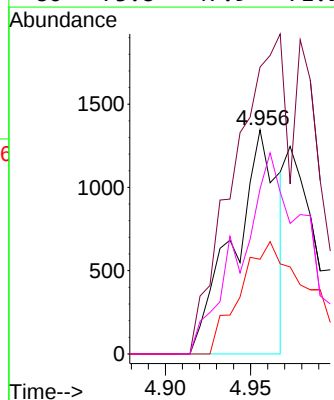
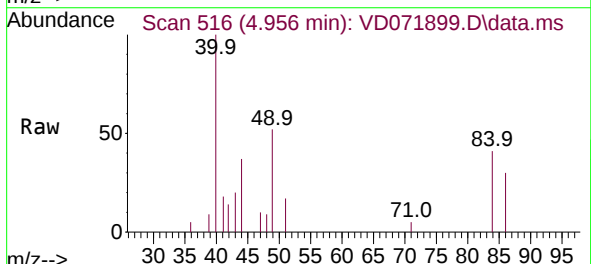
Instrument :
MSVOA_D
ClientSampleId :
KTS1-MH-01-4-5

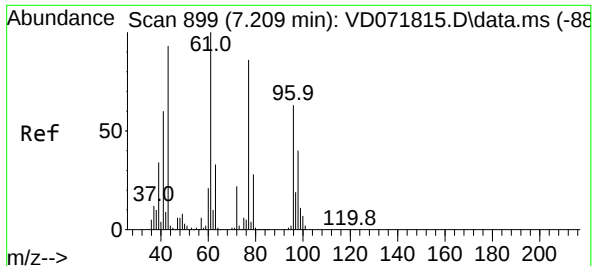
Tgt Ion: 43 Resp: 67120
Ion Ratio Lower Upper
43 100
58 23.0 22.1 33.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.012 min
Lab File: VD071899.D
Acq: 04 Feb 2022 15:26

Tgt Ion: 84 Resp: 2438
Ion Ratio Lower Upper
84 100
49 128.1 112.8 169.2
51 42.3 32.6 48.8
86 73.8 47.9 71.9#





#25

2-Butanone

Concen: 9.608 ug/l

RT: 7.214 min Scan# 900

Delta R.T. -0.000 min

Lab File: VD071899.D

Acq: 04 Feb 2022 15:26

Instrument :

MSVOA_D

ClientSampleId :

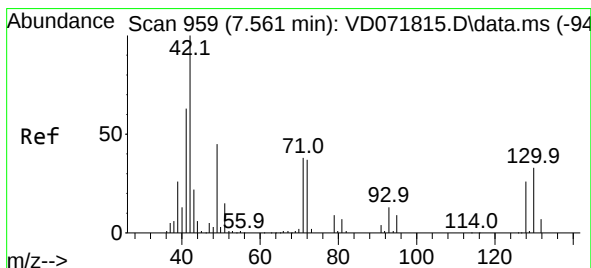
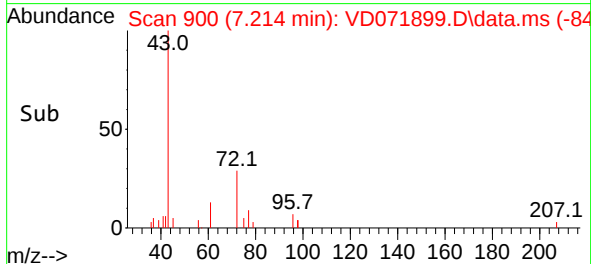
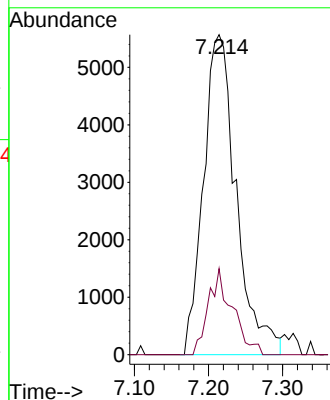
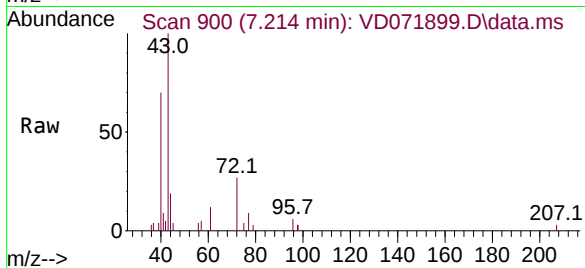
KTS1-MH-01-4-5

Tgt Ion: 43 Resp: 17087

Ion Ratio Lower Upper

43 100

72 26.9 18.6 27.8



#29

Tetrahydrofuran

Concen: 1.061 ug/l

RT: 7.561 min Scan# 959

Delta R.T. -0.000 min

Lab File: VD071899.D

Acq: 04 Feb 2022 15:26

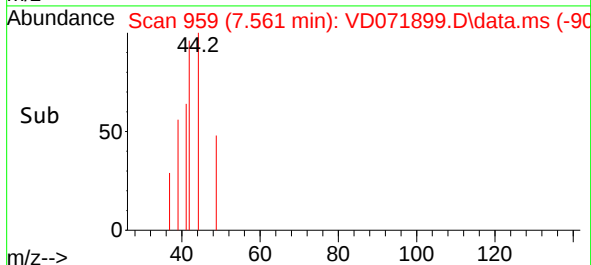
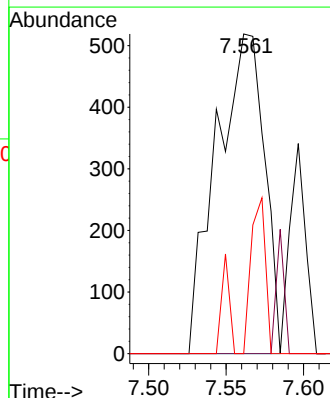
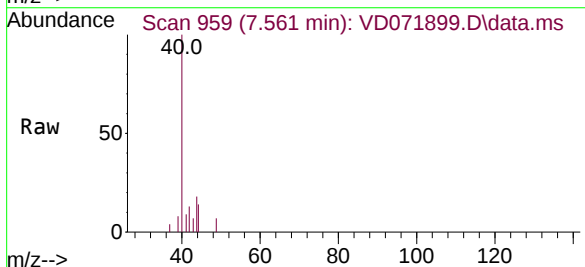
Tgt Ion: 42 Resp: 1117

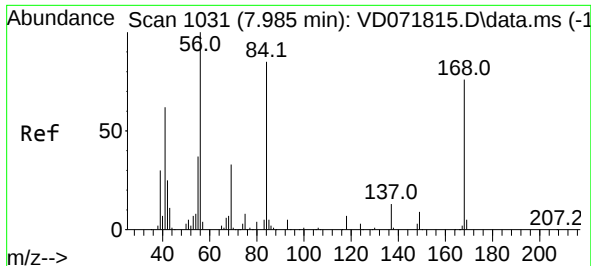
Ion Ratio Lower Upper

42 100

72 0.0 30.7 46.1#

71 14.6 28.6 43.0#

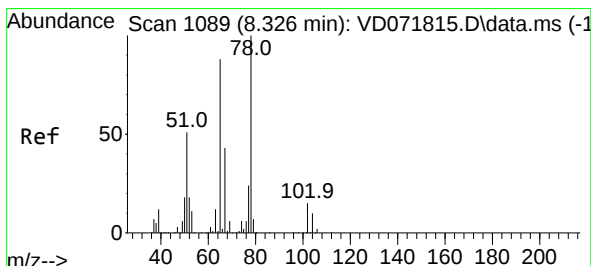
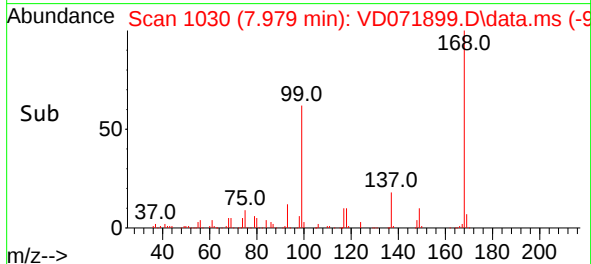
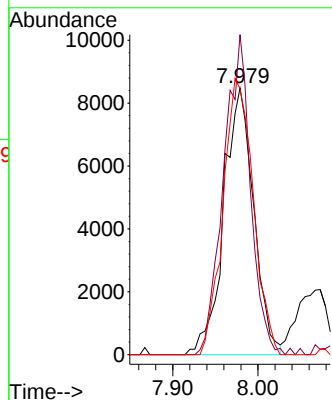
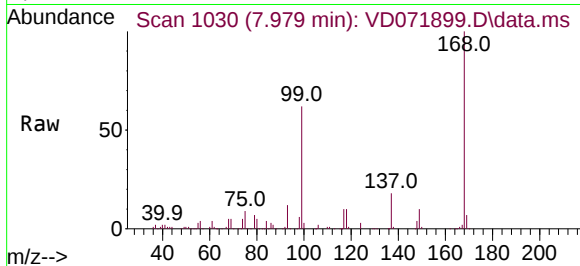




#31
Cyclohexane
Concen: 1.960 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071899.D
Acq: 04 Feb 2022 15:26

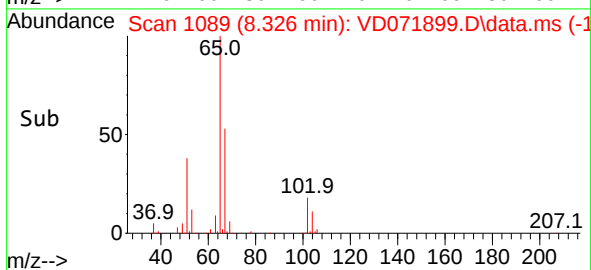
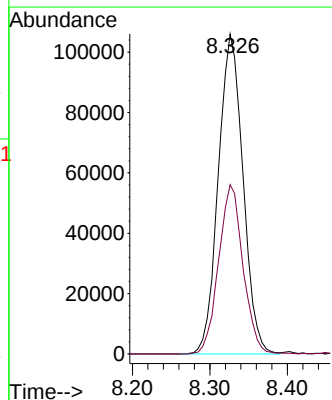
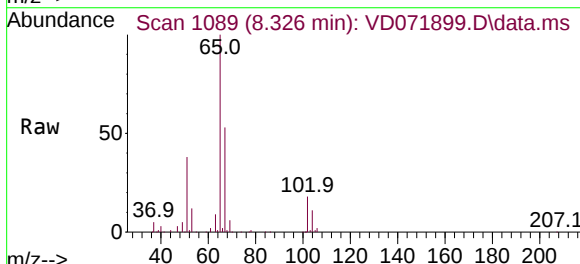
Instrument :
MSVOA_D
ClientSampleId :
KTS1-MH-01-4-5

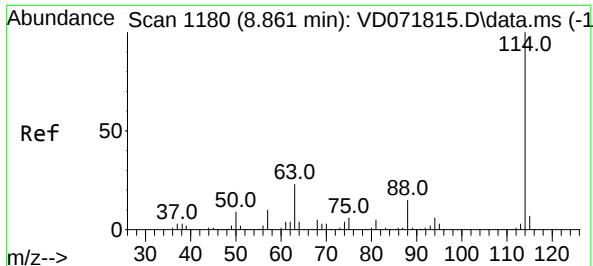
Tgt Ion: 56 Resp: 20854
Ion Ratio Lower Upper
56 100
69 120.1 25.4 38.2#
84 99.7 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 42.103 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071899.D
Acq: 04 Feb 2022 15:26

Tgt Ion: 65 Resp: 234645
Ion Ratio Lower Upper
65 100
67 52.3 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: VD071899.D

Acq: 04 Feb 2022 15:26

Instrument :

MSVOA_D

ClientSampleId :

KTS1-MH-01-4-5

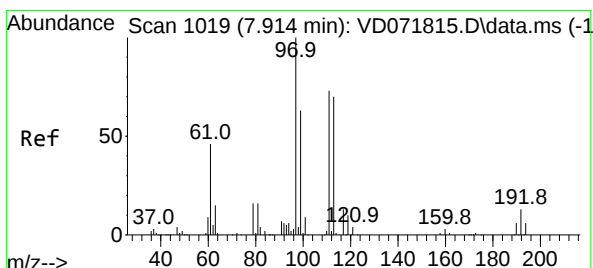
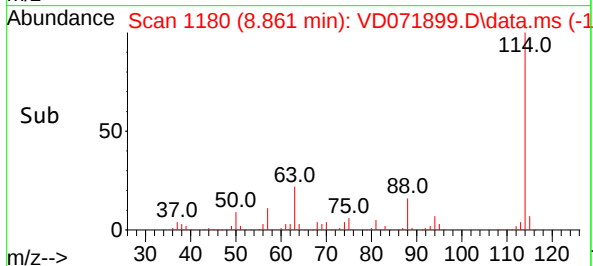
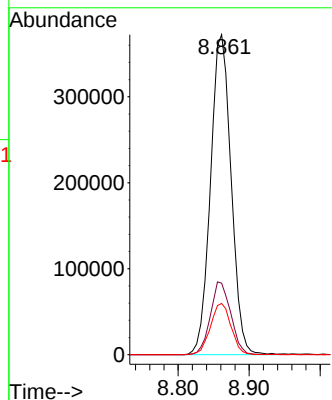
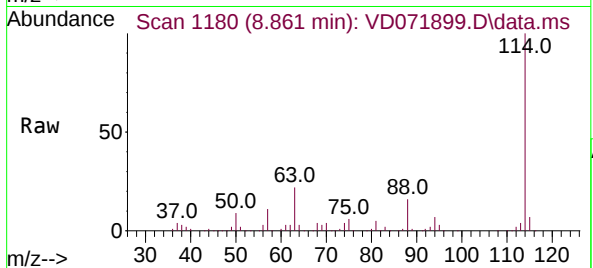
Tgt Ion:114 Resp: 749493

Ion Ratio Lower Upper

114 100

63 22.3 0.0 46.6

88 16.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 49.183 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD071899.D

Acq: 04 Feb 2022 15:26

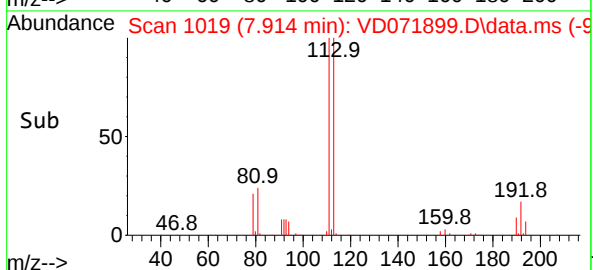
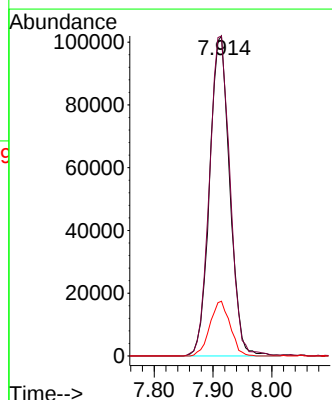
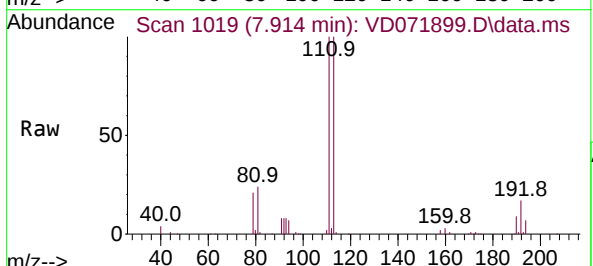
Tgt Ion:113 Resp: 242307

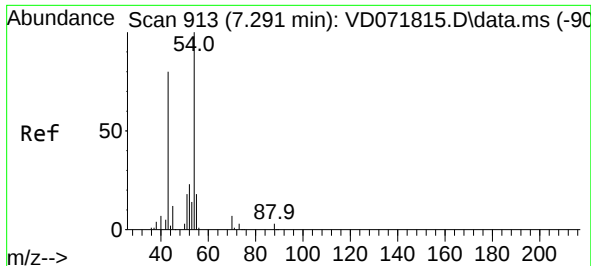
Ion Ratio Lower Upper

113 100

111 102.1 83.8 125.6

192 17.2 14.6 21.8





#37

Ethyl Acetate

Concen: 4.346 ug/l

RT: 7.214 min Scan# 900

Delta R.T. -0.082 min

Lab File: VD071899.D

Acq: 04 Feb 2022 15:26

Instrument :

MSVOA_D

ClientSampleId :

KTS1-MH-01-4-5

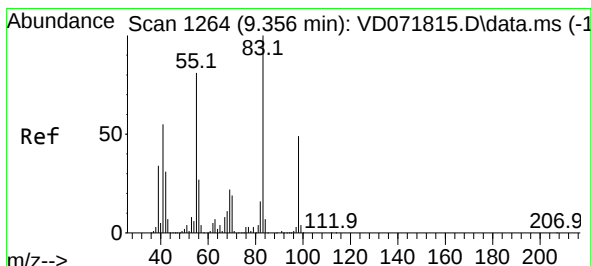
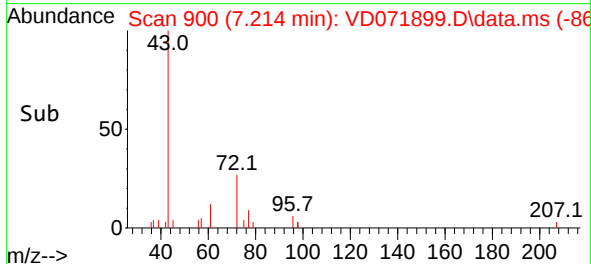
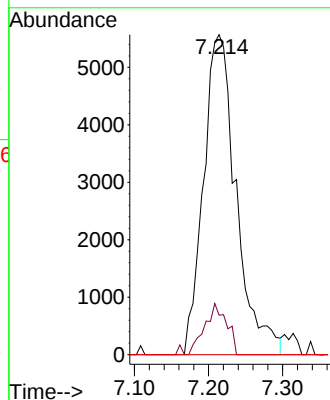
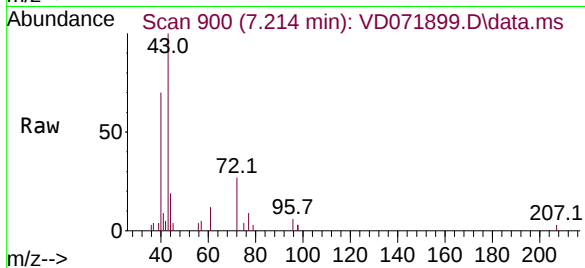
Tgt Ion: 43 Resp: 17087

Ion Ratio Lower Upper

43 100

61 10.8 9.8 14.8

70 0.0 6.9 10.3#



#39

Methylcyclohexane

Concen: 1.696 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. -0.000 min

Lab File: VD071899.D

Acq: 04 Feb 2022 15:26

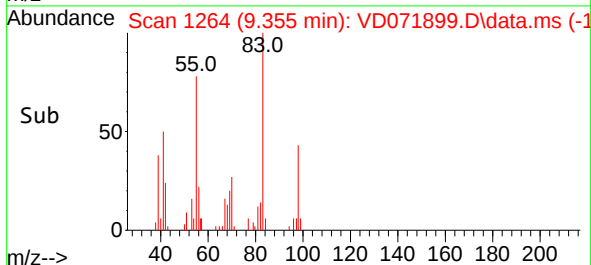
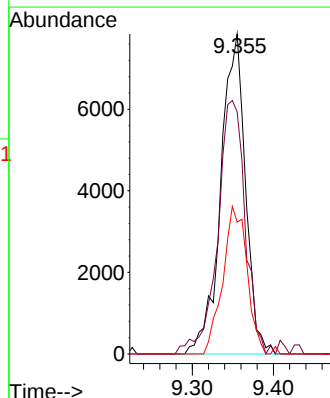
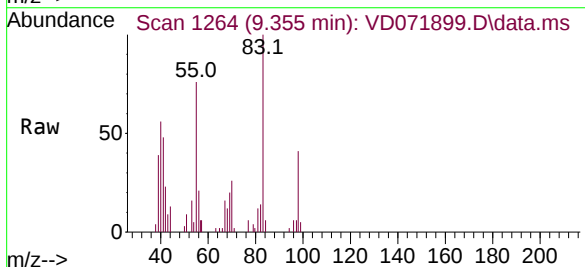
Tgt Ion: 83 Resp: 16617

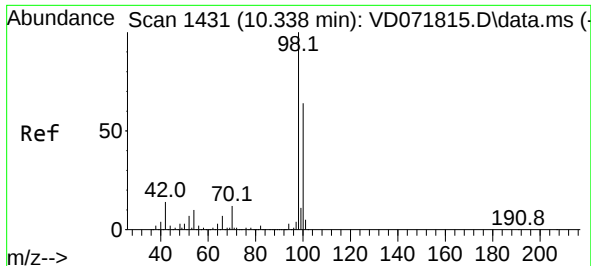
Ion Ratio Lower Upper

83 100

55 73.2 63.2 94.8

98 41.2 38.2 57.4

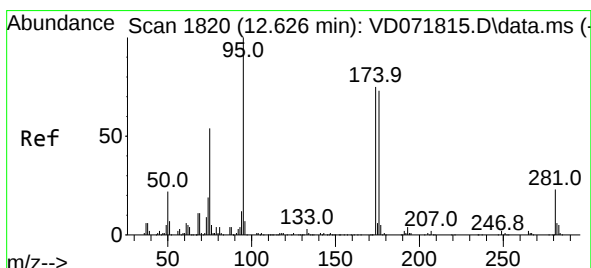
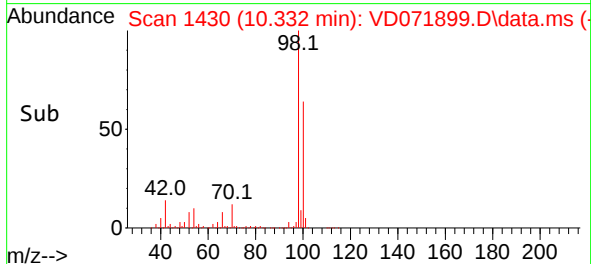
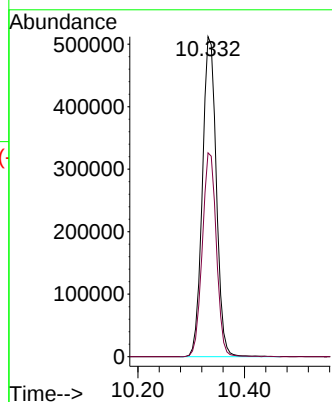
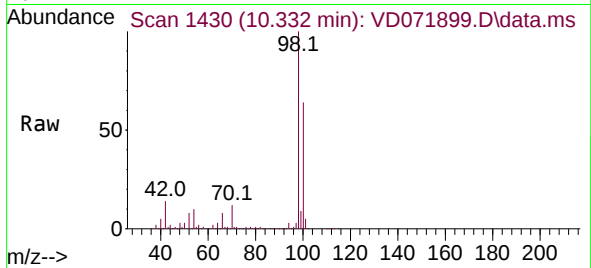




#50
Toluene-d8
Concen: 50.395 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071899.D
Acq: 04 Feb 2022 15:26

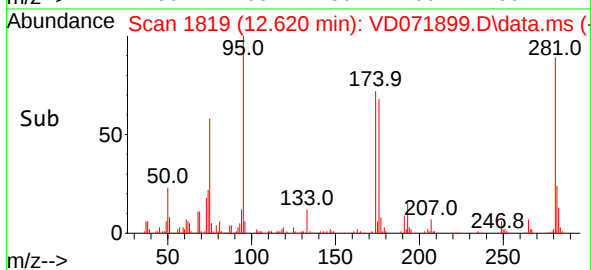
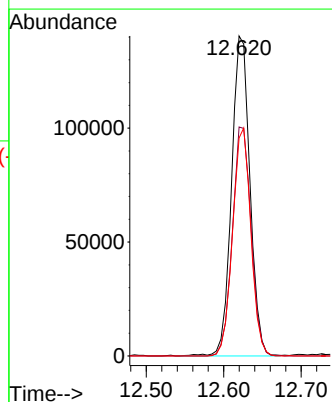
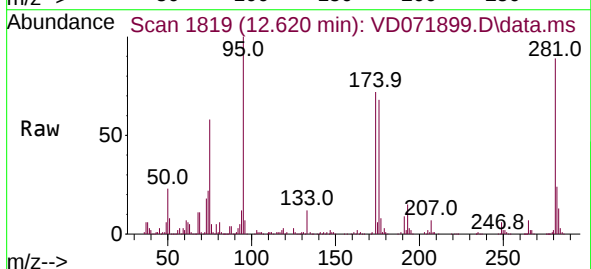
Instrument :
MSVOA_D
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KTS1-MH-01-4-5

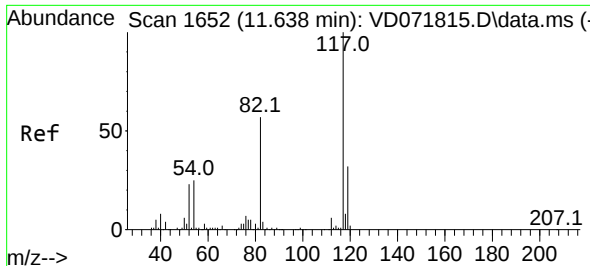
Tgt Ion: 98 Resp: 927236
Ion Ratio Lower Upper
98 100
100 64.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 35.986 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071899.D
Acq: 04 Feb 2022 15:26

Tgt Ion: 95 Resp: 231221
Ion Ratio Lower Upper
95 100
174 72.9 0.0 152.8
176 70.6 0.0 145.4

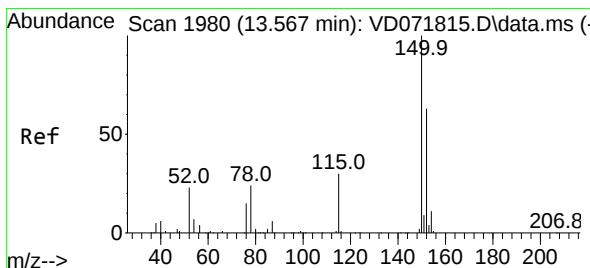
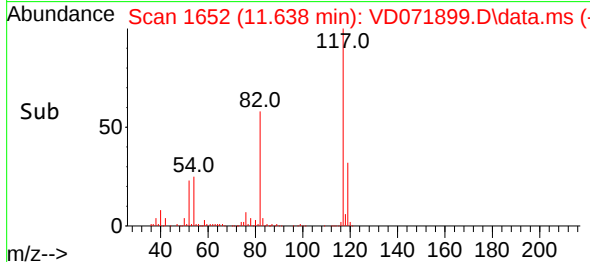
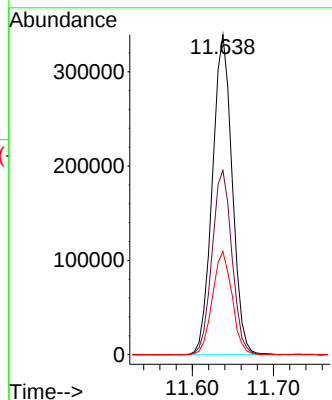
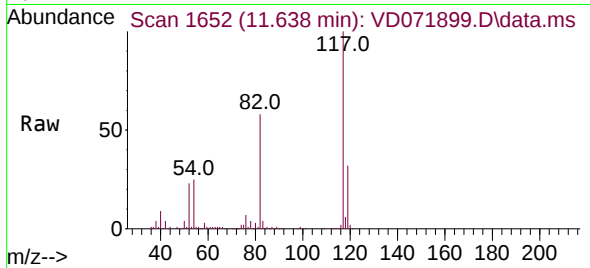




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071899.D
Acq: 04 Feb 2022 15:26

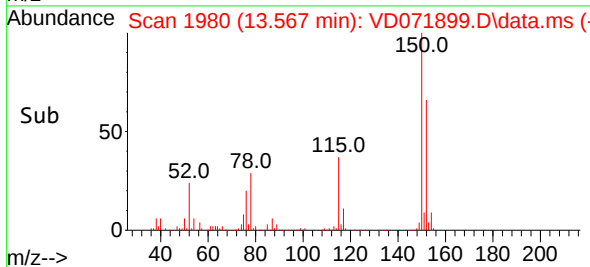
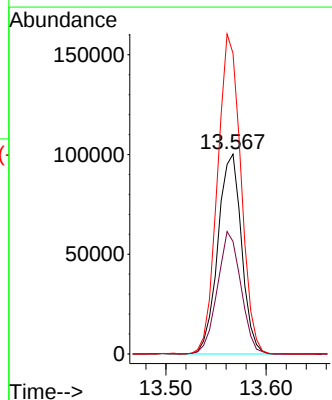
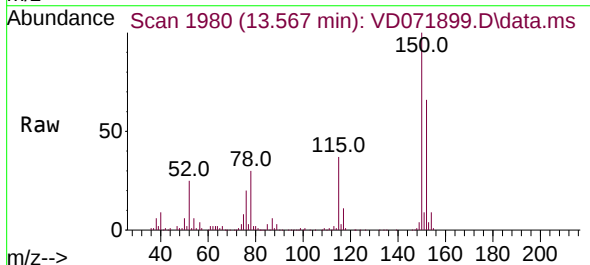
Instrument :
MSVOA_D
ClientSampleId :
KTS1-MH-01-4-5

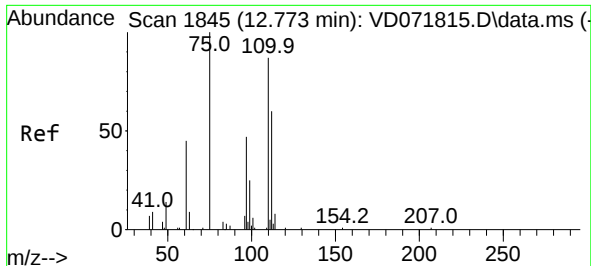
Tgt Ion:117 Resp: 574925
Ion Ratio Lower Upper
117 100
82 57.6 45.3 67.9
119 32.2 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071899.D
Acq: 04 Feb 2022 15:26

Tgt Ion:152 Resp: 164004
Ion Ratio Lower Upper
152 100
115 60.9 31.3 93.8
150 158.4 0.0 348.6

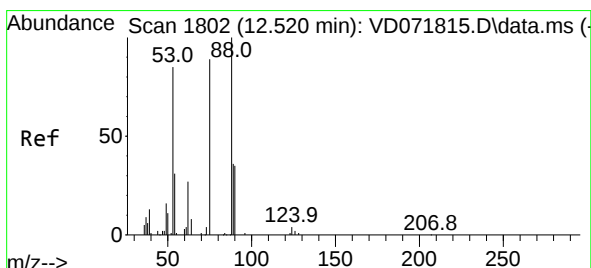
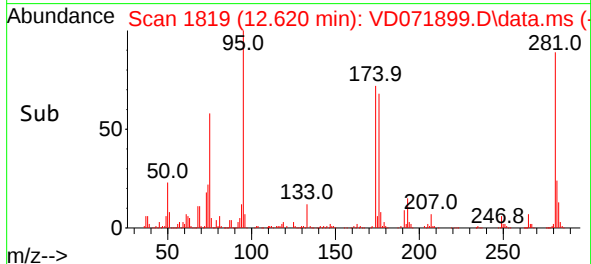
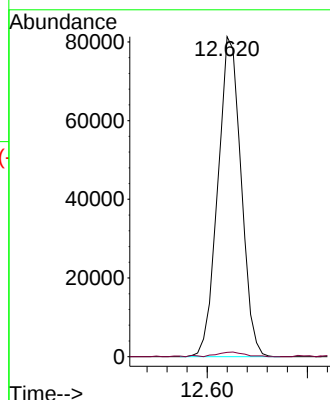
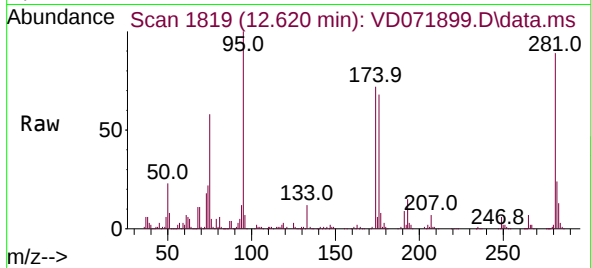




#76
1,2,3-Trichloropropane
Concen: 75.686 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD071899.D
Acq: 04 Feb 2022 15:26

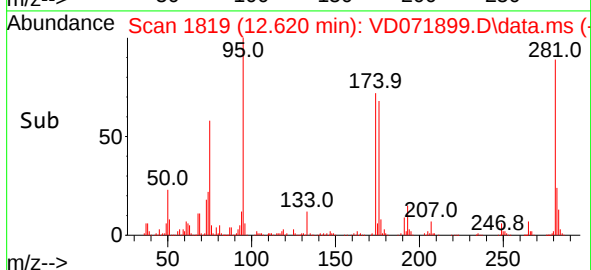
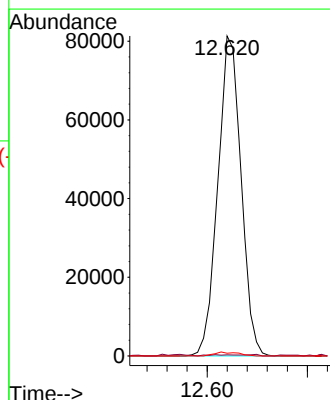
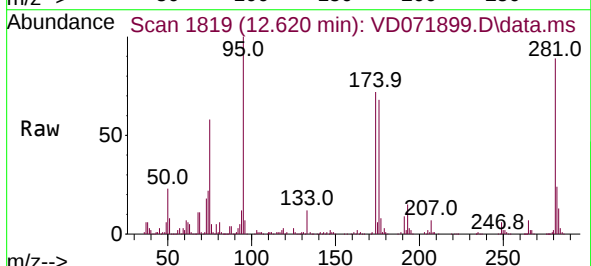
Instrument :
MSVOA_D
ClientSampleId :
KTS1-MH-01-4-5

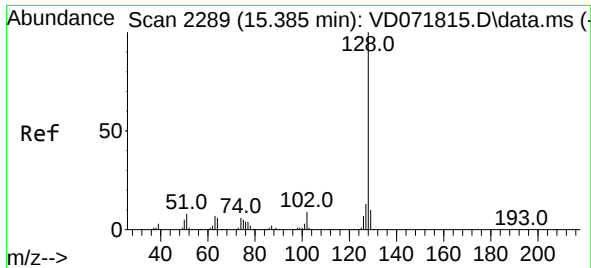
Tgt Ion: 75 Resp: 130816
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 186.095 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD071899.D
Acq: 04 Feb 2022 15:26

Tgt Ion: 75 Resp: 130816
Ion Ratio Lower Upper
75 100
53 0.4 86.5 129.7#
89 1.3 33.9 50.9#





#95

Naphthalene

Concen: 1.961 ug/l

RT: 15.384 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD071899.D

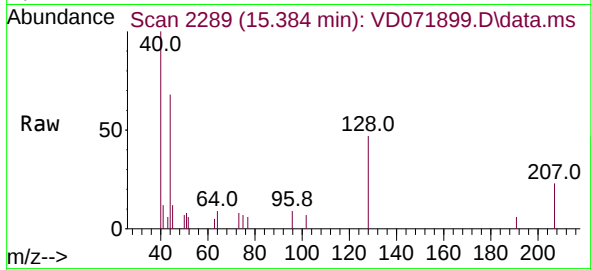
Acq: 04 Feb 2022 15:26

Instrument :

MSVOA_D

ClientSampleId :

KTS1-MH-01-4-5



Tgt Ion:128 Resp: 2973

Ion Ratio Lower Upper

128 100

127 6.7 10.3 15.5#

129 0.0 8.4 12.6#

