

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021722\
 Data File : VD072011.D
 Acq On : 17 Feb 2022 14:04
 Operator : VA/SY
 Sample : N1579-03
 Misc : 6.66G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 18 06:37:39 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)

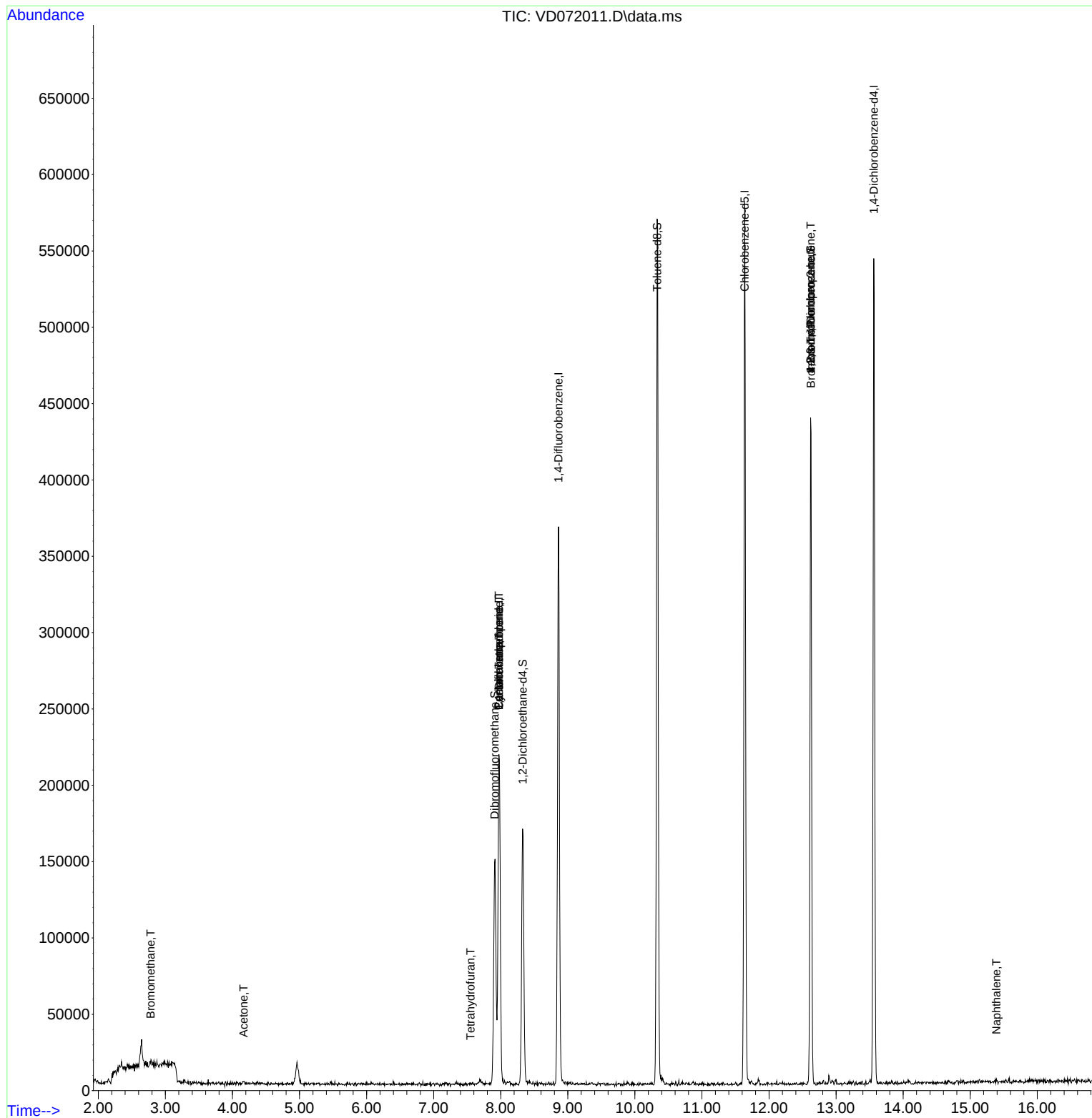
Internal Standards						
1) Pentafluorobenzene	7.973	168	144045	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	274461	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	277728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	124144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	131898	72.445	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 144.900%	
35) Dibromofluoromethane	7.909	113	102593	56.866	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.740%	
50) Toluene-d8	10.332	98	359668	53.381	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.760%	
62) 4-Bromofluorobenzene	12.620	95	124306	52.831	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.660%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	1421	1.006	ug/l #	77
11) Tert butyl alcohol	5.226	59	102	Below Cal	#	74
16) Acetone	4.168	43	2520	5.056	ug/l #	86
29) Tetrahydrofuran	7.550	42	524	1.524	ug/l #	56
31) Cyclohexane	7.973	56	5422	1.560	ug/l #	33
36) 1,1-Dichloropropene	7.973	75	14713	4.752	ug/l #	53
38) Carbon Tetrachloride	7.973	117	16666	5.442	ug/l #	19
71) Bromoform	12.626	173	1482	1.299	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	74207	56.719	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	74207	139.459	ug/l #	7
95) Naphthalene	15.391	128	808	1.636	ug/l #	70

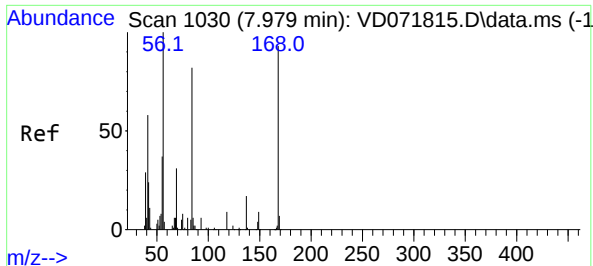
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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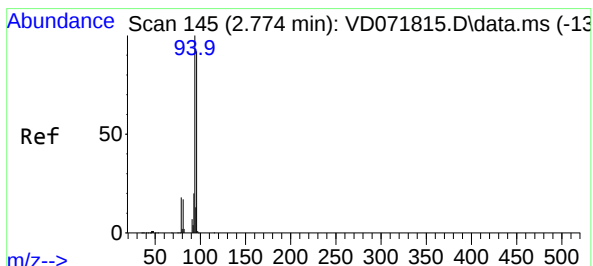
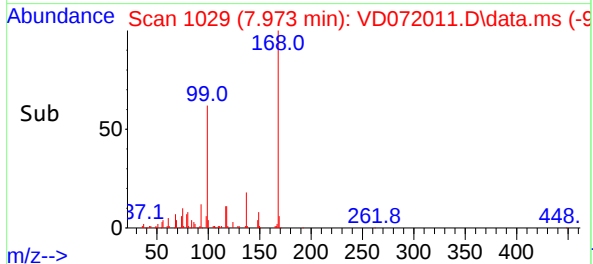
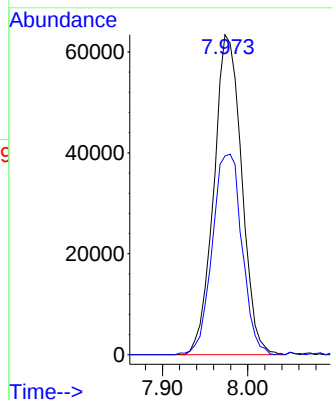
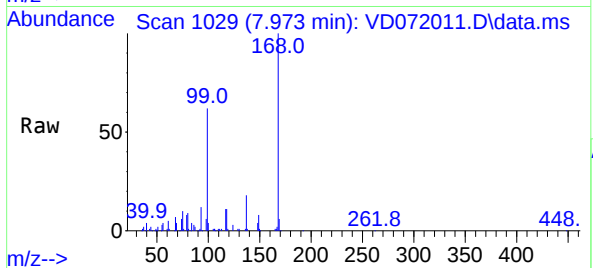




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072011.D
Acq: 17 Feb 2022 14:04

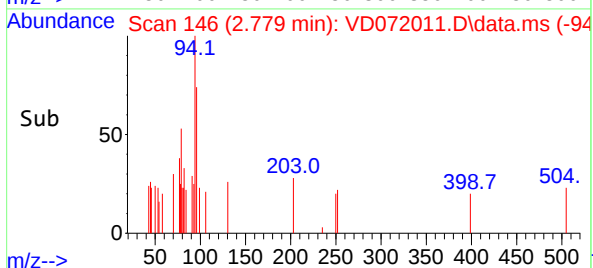
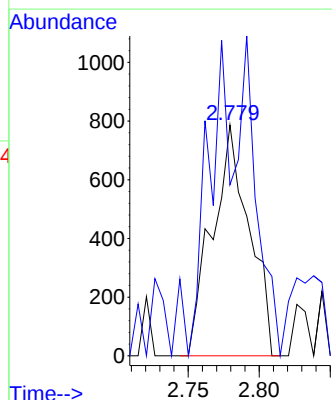
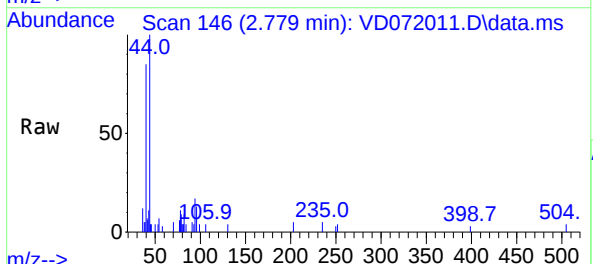
Instrument :
MSVOA_D
ClientSampleId :

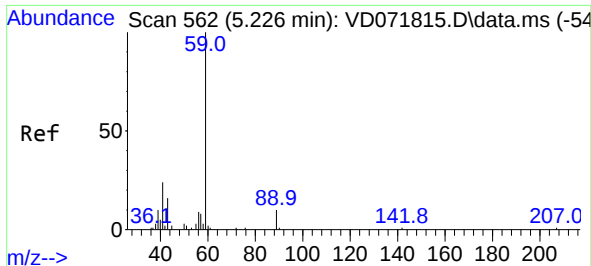
Tgt Ion:168 Resp: 144045
Ion Ratio Lower Upper
168 100
99 61.7 49.8 74.6



#5
Bromomethane
Concen: 1.006 ug/l
RT: 2.779 min Scan# 146
Delta R.T. 0.006 min
Lab File: VD072011.D
Acq: 17 Feb 2022 14:04

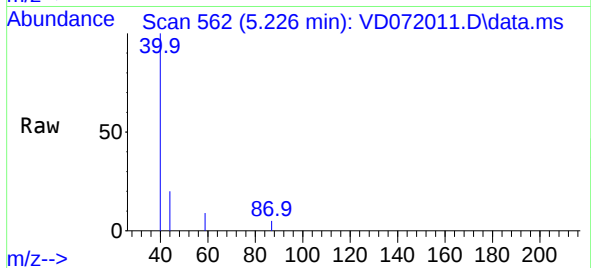
Tgt Ion: 94 Resp: 1421
Ion Ratio Lower Upper
94 100
96 74.1 77.6 116.4#



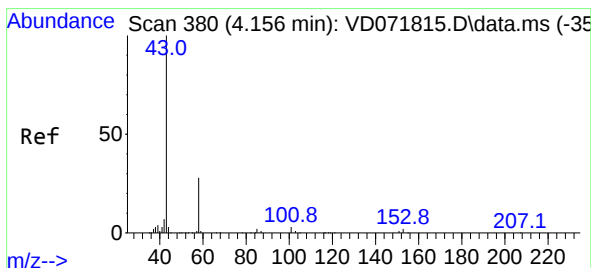
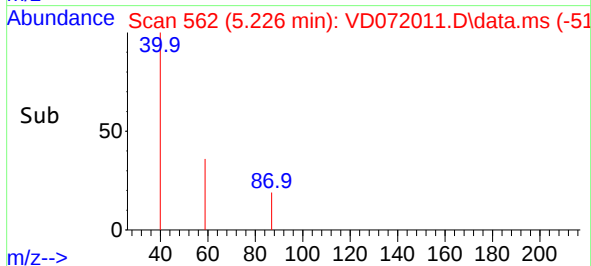
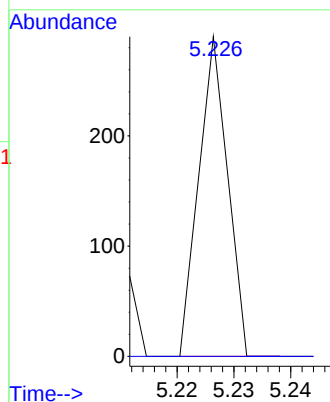


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD072011.D
Acq: 17 Feb 2022 14:04

Instrument :
MSVOA_D
ClientSampleId :

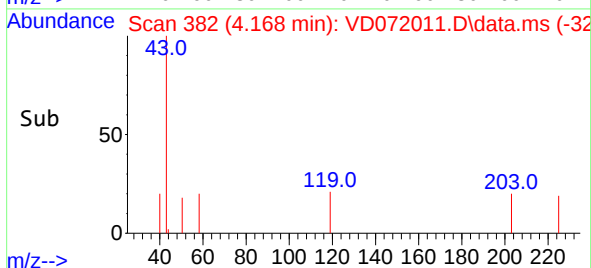
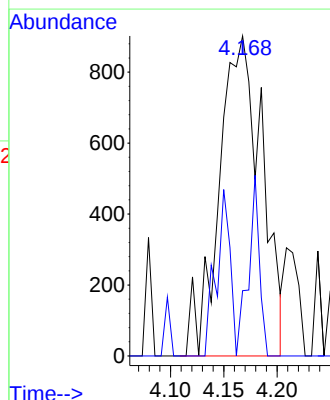
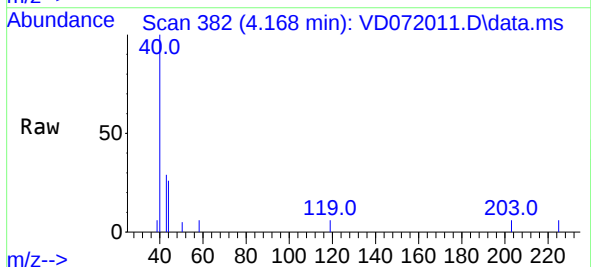


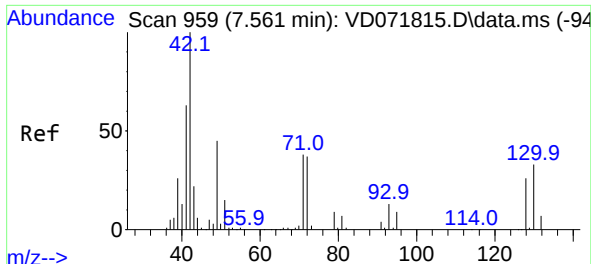
Tgt Ion: 59 Resp: 102
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 5.056 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD072011.D
Acq: 17 Feb 2022 14:04

Tgt Ion: 43 Resp: 2520
Ion Ratio Lower Upper
43 100
58 20.4 22.1 33.1#





#29

Tetrahydrofuran

Concen: 1.524 ug/l

RT: 7.550 min Scan# 91

Delta R.T. -0.012 min

Lab File: VD072011.D

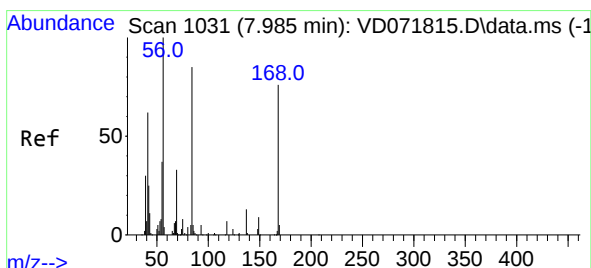
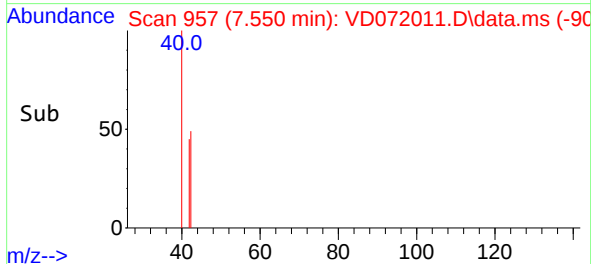
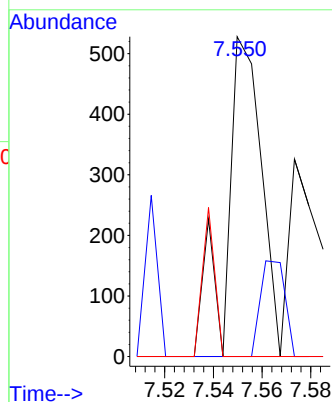
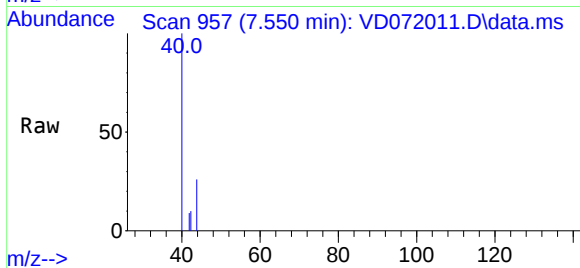
Acq: 17 Feb 2022 14:04

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	42	Resp:	524
Ion	Ratio	Lower	Upper
42	100		
72	21.0	30.7	46.1#
71	0.0	28.6	43.0#



#31

Cyclohexane

Concen: 1.560 ug/l

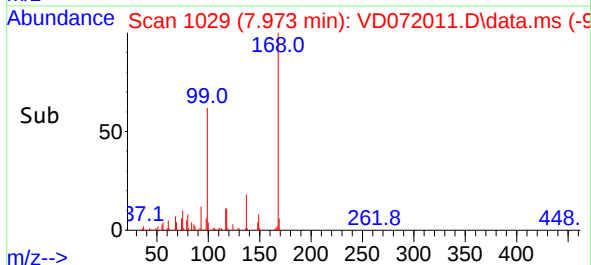
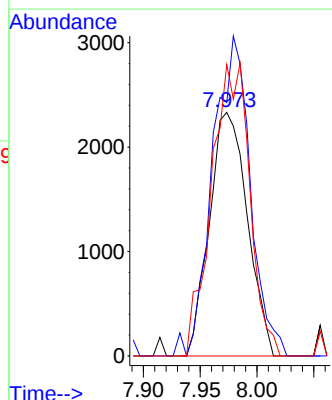
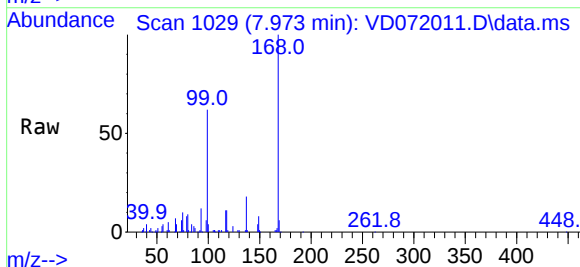
RT: 7.973 min Scan# 1029

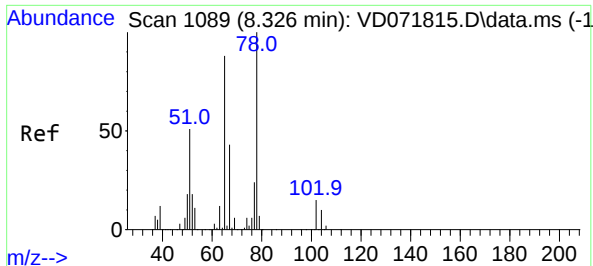
Delta R.T. -0.012 min

Lab File: VD072011.D

Acq: 17 Feb 2022 14:04

Tgt Ion:	56	Resp:	5422
Ion	Ratio	Lower	Upper
56	100		
69	96.4	25.4	38.2#
84	119.6	63.0	94.4#

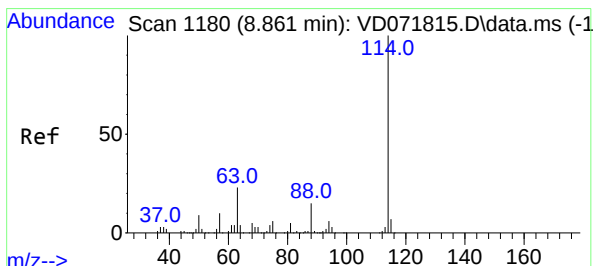
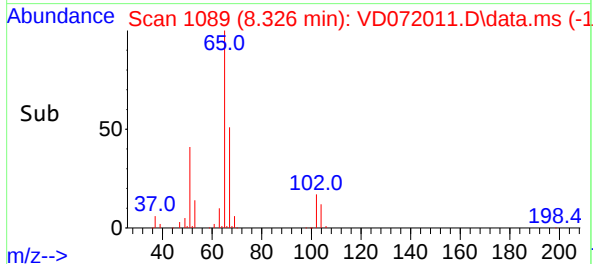
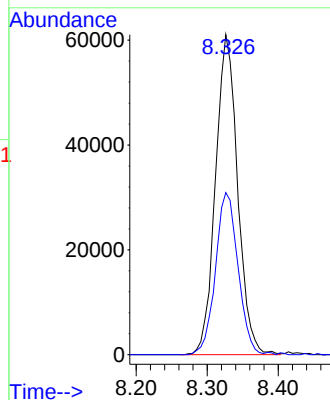
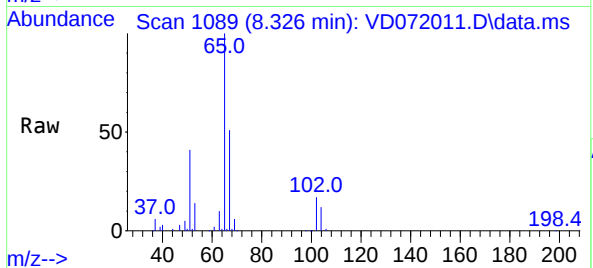




#33
1,2-Dichloroethane-d4
Concen: 72.445 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072011.D
Acq: 17 Feb 2022 14:04

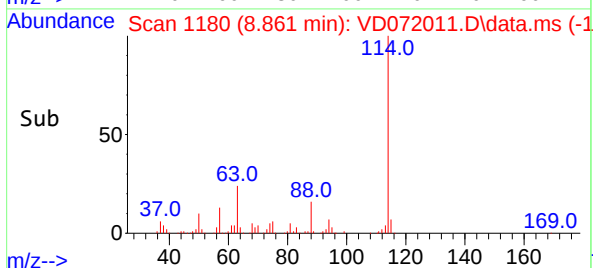
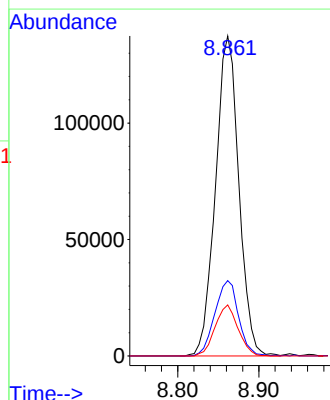
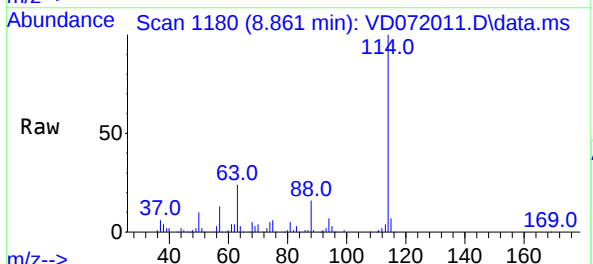
Instrument :
MSVOA_D
ClientSampleId :

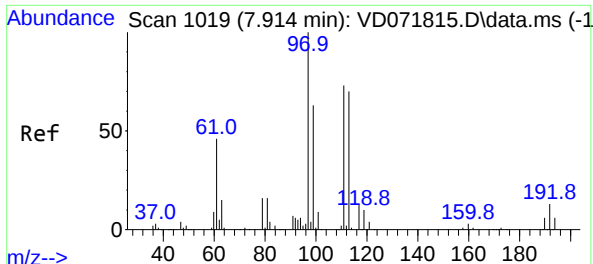
Tgt Ion: 65 Resp: 131898
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072011.D
Acq: 17 Feb 2022 14:04

Tgt Ion: 114 Resp: 274461
Ion Ratio Lower Upper
114 100
63 23.5 0.0 46.6
88 15.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 56.866 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD072011.D

Acq: 17 Feb 2022 14:04

Instrument :

MSVOA_D

ClientSampleId :

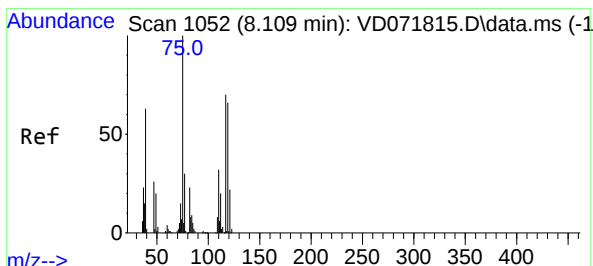
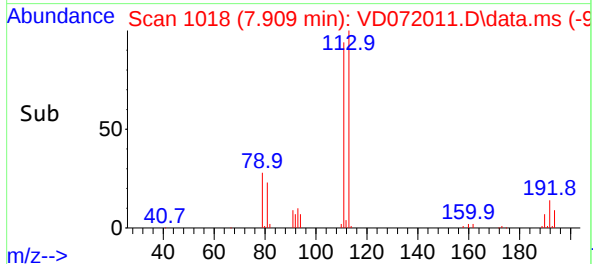
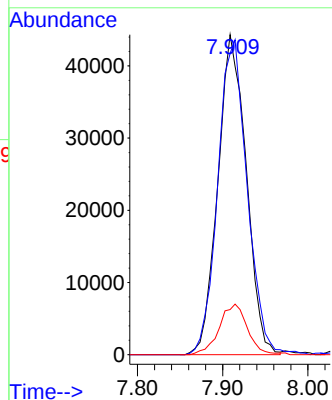
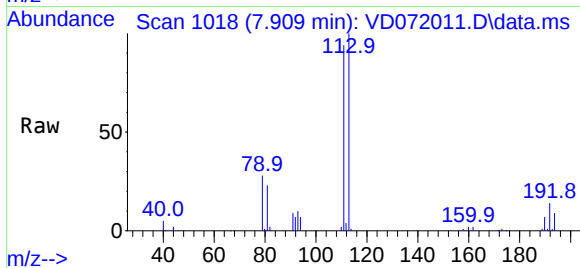
Tgt Ion:113 Resp: 102593

Ion Ratio Lower Upper

113 100

111 102.0 83.8 125.6

192 15.7 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.752 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.141 min

Lab File: VD072011.D

Acq: 17 Feb 2022 14:04

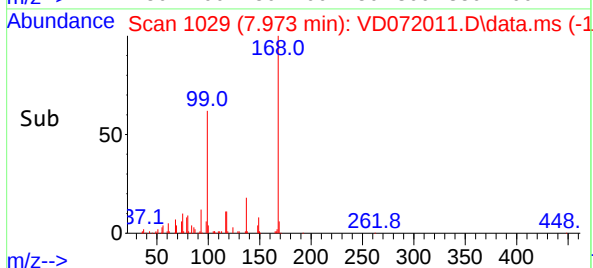
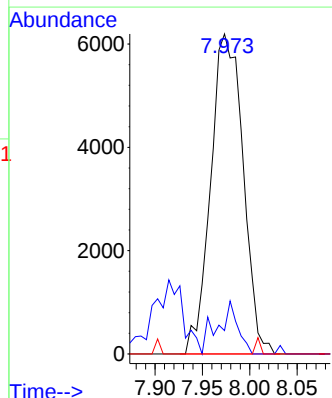
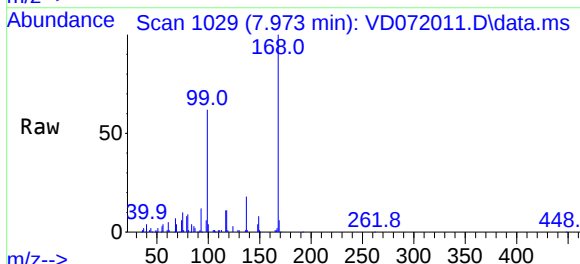
Tgt Ion: 75 Resp: 14713

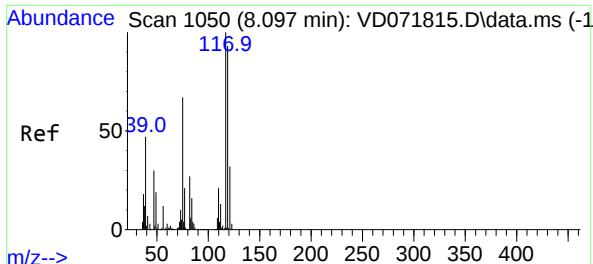
Ion Ratio Lower Upper

75 100

110 10.3 16.4 49.1#

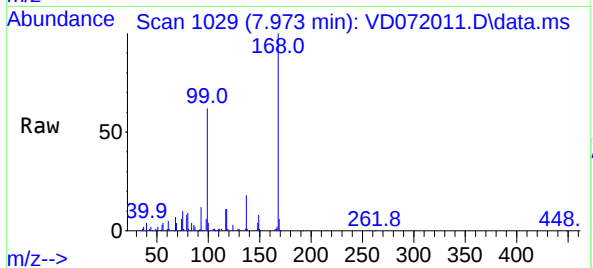
77 0.0 24.2 36.2#



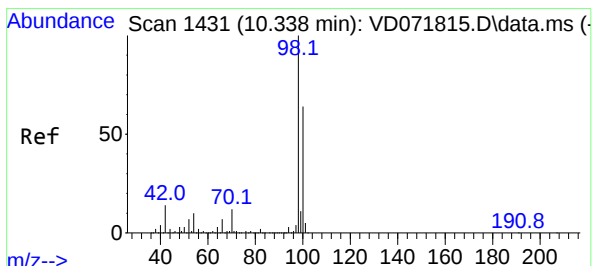
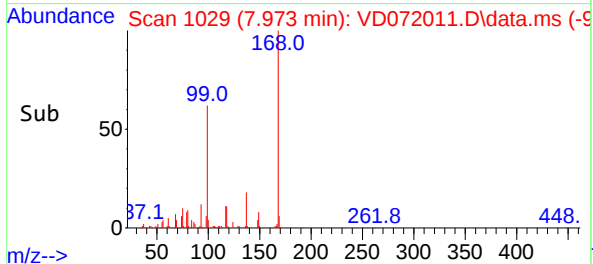
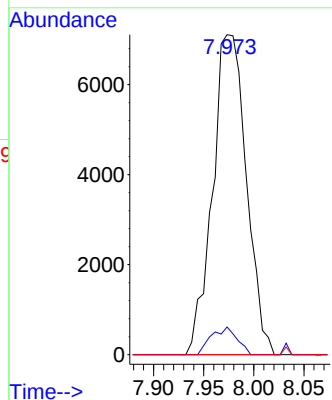


#38
Carbon Tetrachloride
Concen: 5.442 ug/l
RT: 7.973 min Scan# 1050
Delta R.T. -0.123 min
Lab File: VD072011.D
Acq: 17 Feb 2022 14:04

Instrument :
MSVOA_D
ClientSampleId :

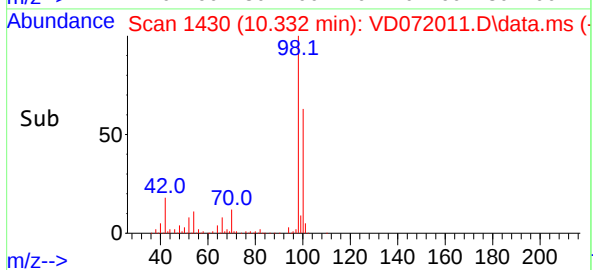
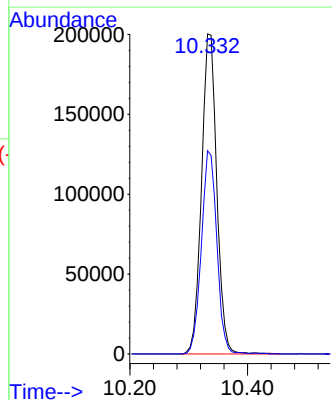
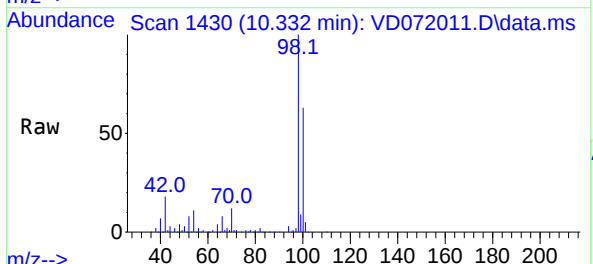


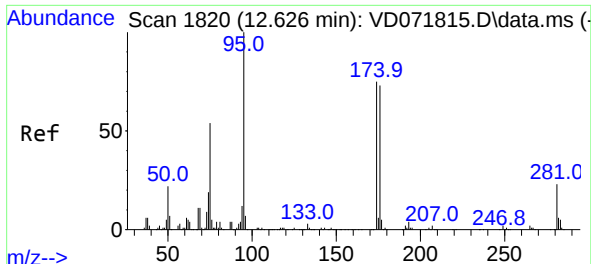
Tgt Ion:117 Resp: 16666
Ion Ratio Lower Upper
117 100
119 8.6 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 53.381 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072011.D
Acq: 17 Feb 2022 14:04

Tgt Ion: 98 Resp: 359668
Ion Ratio Lower Upper
98 100
100 64.3 52.4 78.6

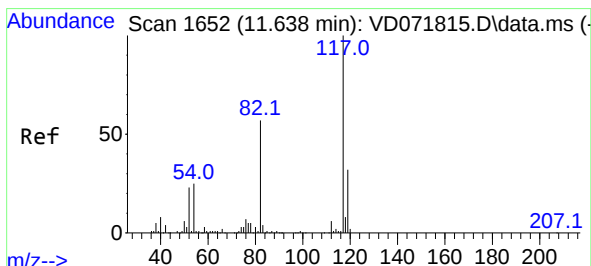
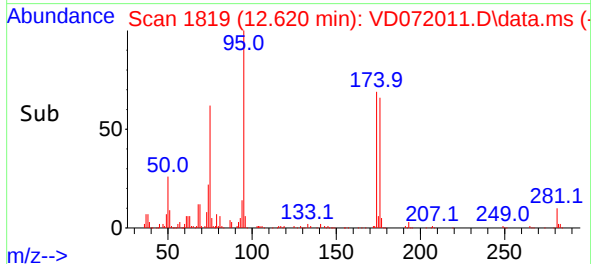
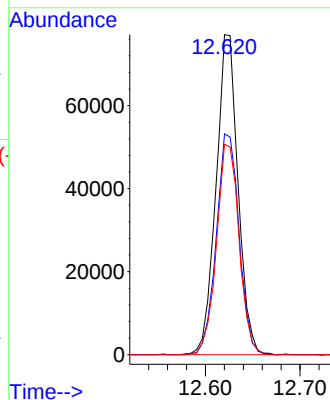
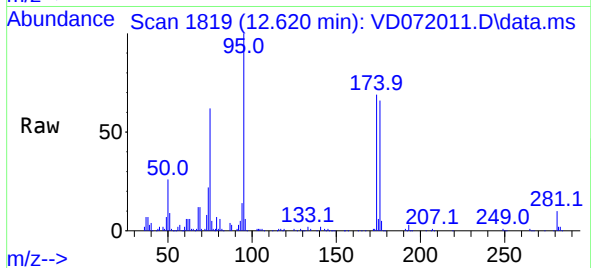




#62
4-Bromofluorobenzene
Concen: 52.831 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072011.D
Acq: 17 Feb 2022 14:04

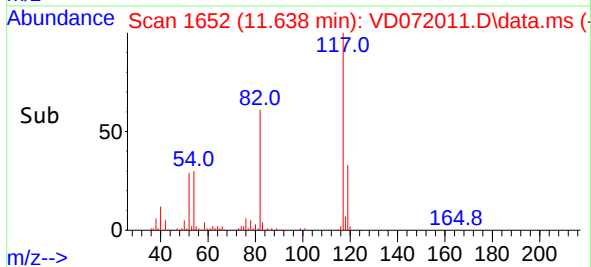
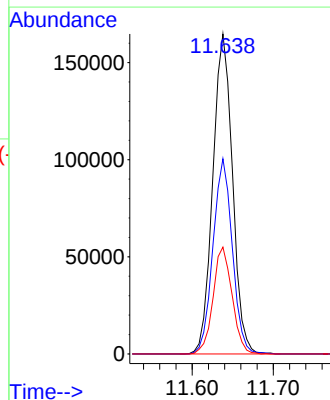
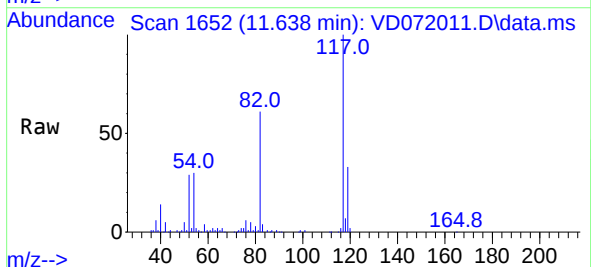
Instrument :
MSVOA_D
ClientSampleId :

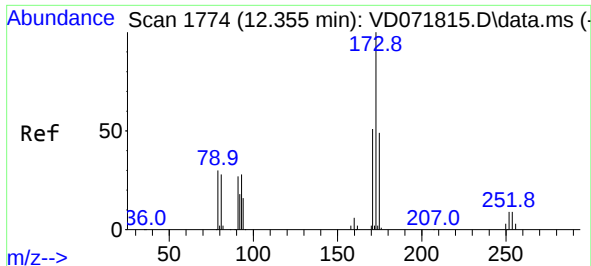
Tgt Ion: 95 Resp: 124306
Ion Ratio Lower Upper
95 100
174 71.6 0.0 152.8
176 67.4 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072011.D
Acq: 17 Feb 2022 14:04

Tgt Ion: 117 Resp: 277728
Ion Ratio Lower Upper
117 100
82 61.0 45.3 67.9
119 33.4 26.6 40.0

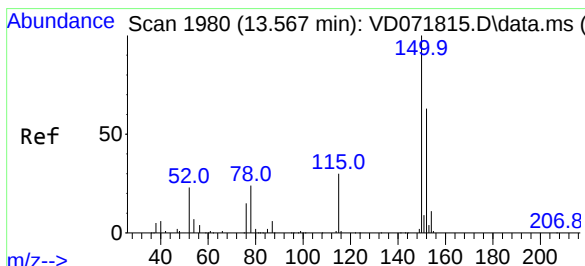
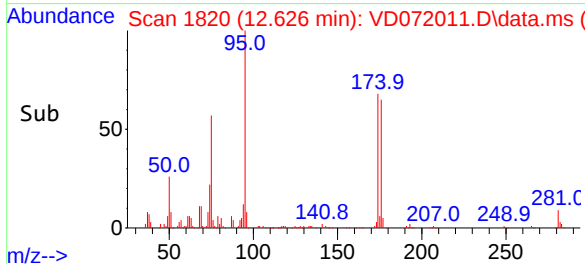
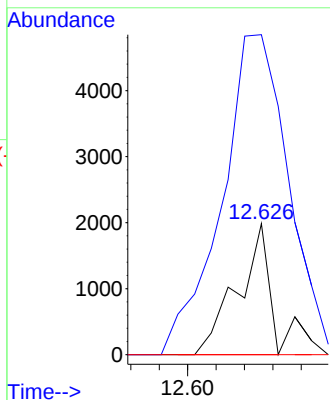
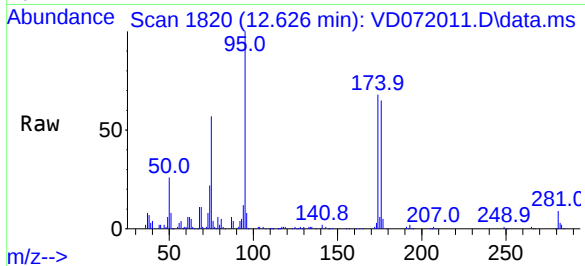




#71
Bromoform
Concen: 1.299 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.271 min
Lab File: VD072011.D
Acq: 17 Feb 2022 14:04

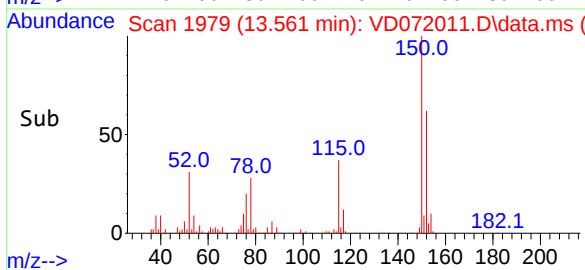
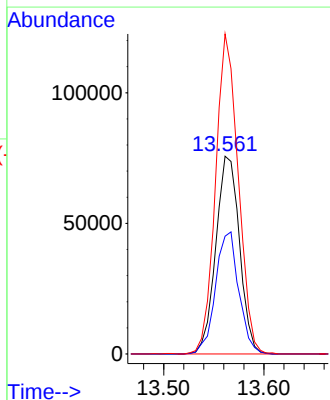
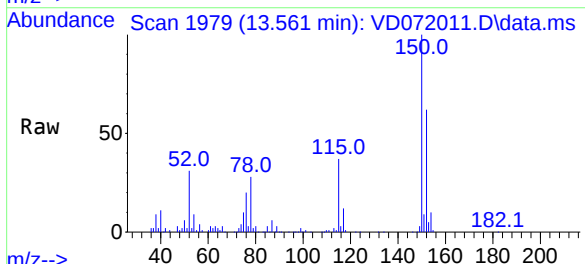
Instrument :
MSVOA_D
ClientSampleId :

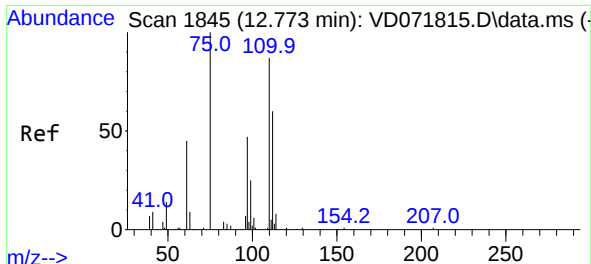
Tgt Ion:173 Resp: 1482
Ion Ratio Lower Upper
173 100
175 458.0 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072011.D
Acq: 17 Feb 2022 14:04

Tgt Ion:152 Resp: 124144
Ion Ratio Lower Upper
152 100
115 60.8 31.3 93.8
150 155.2 0.0 348.6

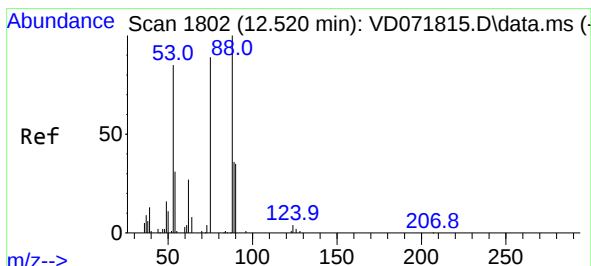
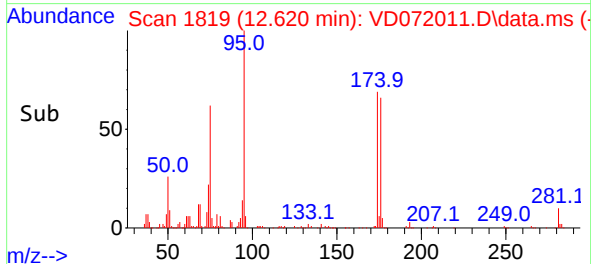
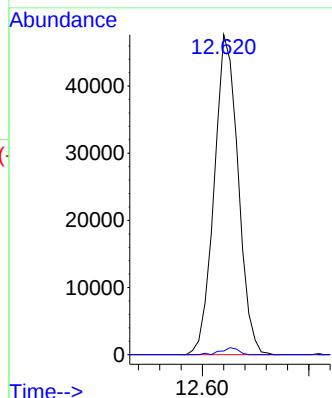
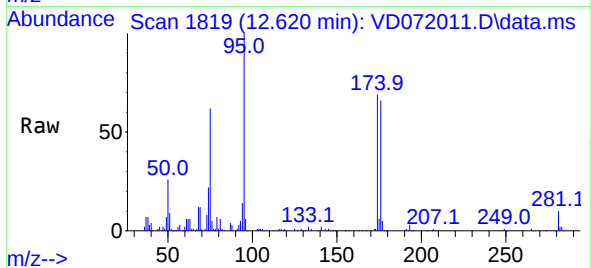




#76
1,2,3-Trichloropropane
Concen: 56.719 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072011.D
Acq: 17 Feb 2022 14:04

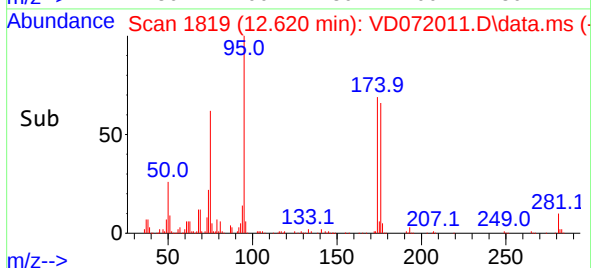
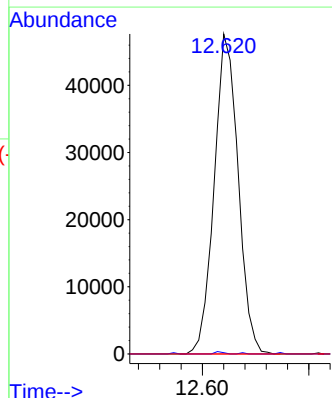
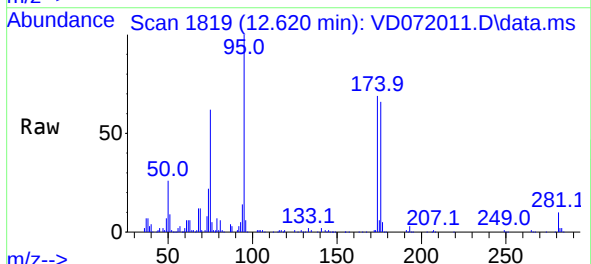
Instrument :
MSVOA_D
ClientSampleId :

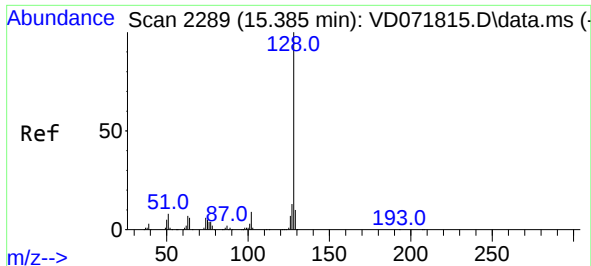
Tgt Ion: 75 Resp: 74207
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 139.459 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD072011.D
Acq: 17 Feb 2022 14:04

Tgt Ion: 75 Resp: 74207
Ion Ratio Lower Upper
75 100
53 0.3 86.5 129.7#
89 0.0 33.9 50.9#





#95

Naphthalene

Concen: 1.636 ug/l

RT: 15.391 min Scan# 21

Delta R.T. 0.006 min

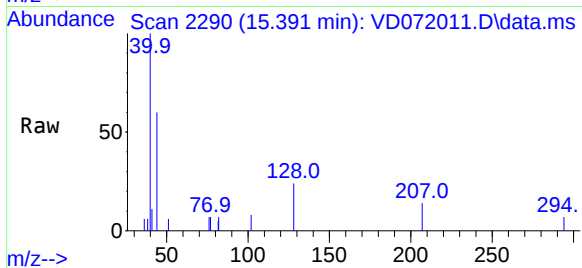
Lab File: VD072011.D

Acq: 17 Feb 2022 14:04

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:128 Resp: 808

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.4 12.6#

