

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051122\
 Data File : VD072926.D
 Acq On : 11 May 2022 12:58
 Operator : VA/SY
 Sample : N2739-03RE
 Misc : 4.65G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 124055

Quant Time: May 11 13:19:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

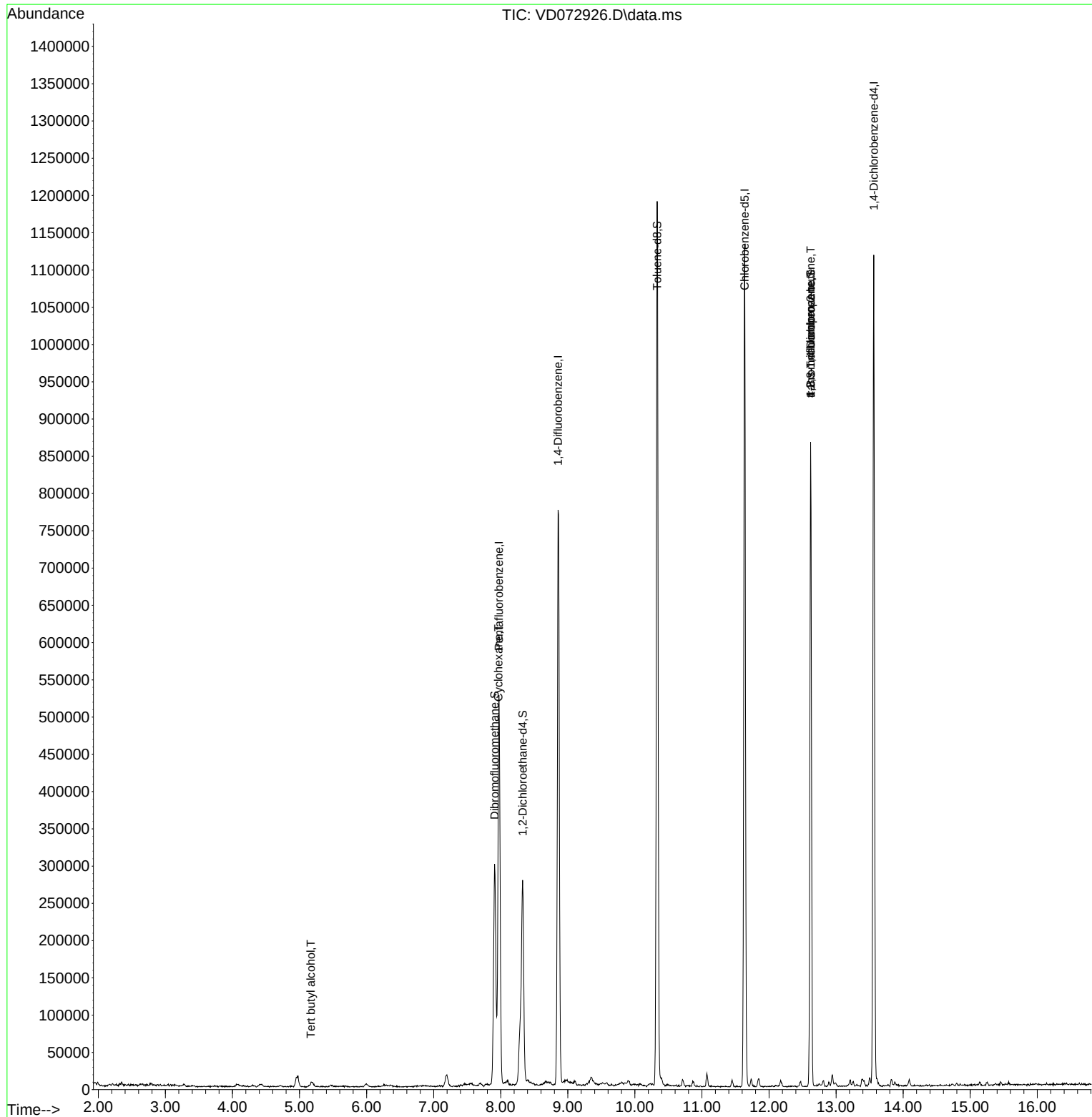
Internal Standards						
1) Pentafluorobenzene	7.973	168	370833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	663582	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	643388	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	293273	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	206755	42.951	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.900%
35) Dibromofluoromethane	7.908	113	215439	46.228	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.460%
50) Toluene-d8	10.332	98	804444	48.120	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.240%
62) 4-Bromofluorobenzene	12.620	95	284342	45.616	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.240%
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	2222	Below Cal	#	49
11) Tert butyl alcohol	5.167	59	4280	10.276	ug/l #	74
13) Acrolein	3.944	56	80	Below Cal	#	14
16) Acetone	4.167	43	1580	Below Cal	#	89
18) Methyl Acetate	4.715	43	62	Below Cal	#	55
20) Methylene Chloride	4.956	84	10764	Below Cal	#	68
31) Cyclohexane	7.967	56	10832	1.287	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	146808	44.893	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	146808	103.235	ug/l #	7

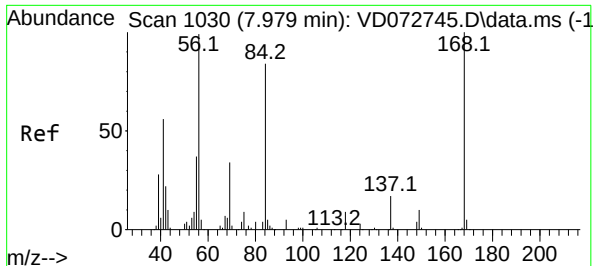
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 03 08:33:49 2022
Response via : Initial Calibration

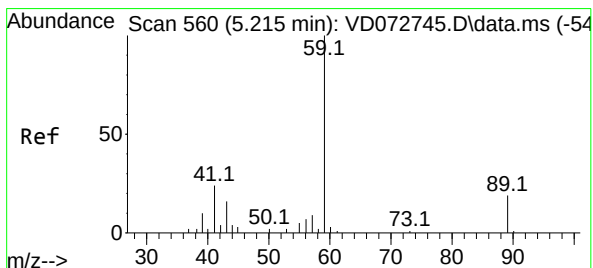
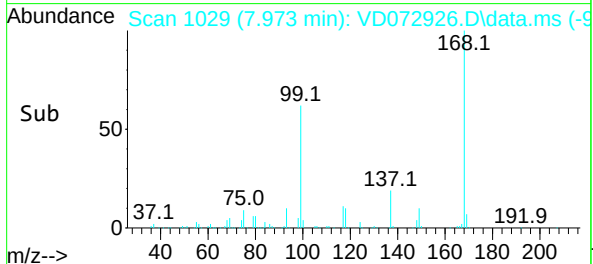
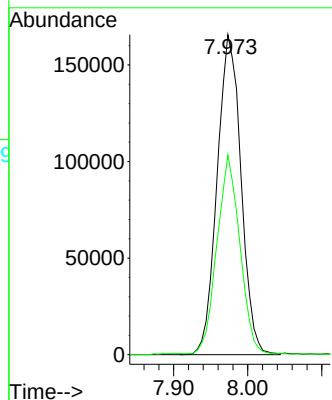
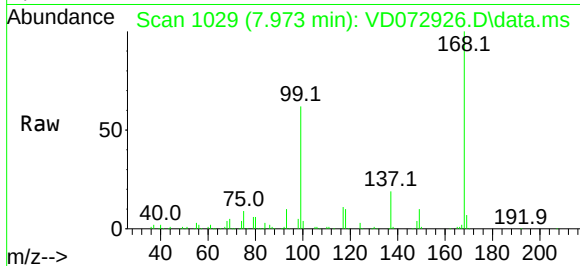




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD072926.D
Acq: 11 May 2022 12:58

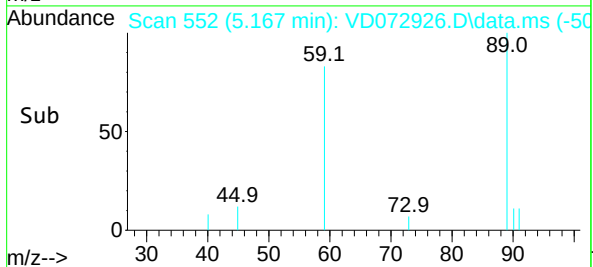
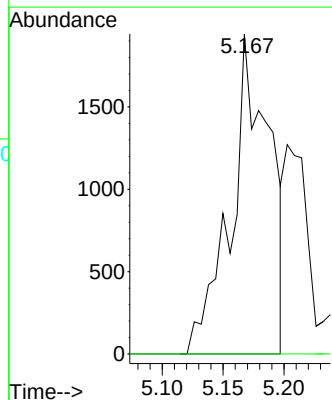
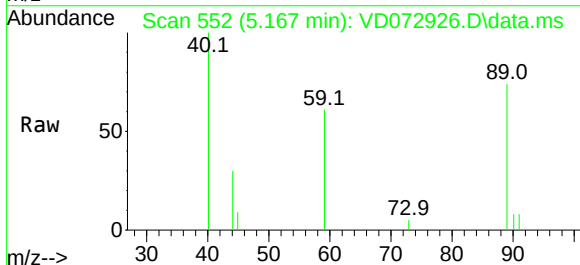
Instrument :
MSVOA_D
ClientSampleId :
124055

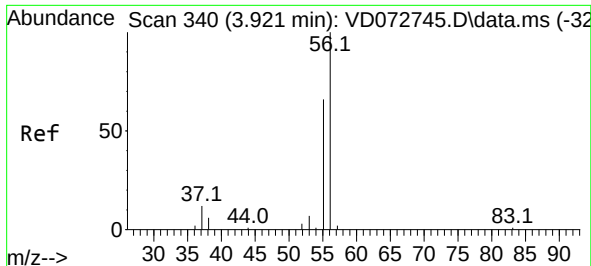
Tgt Ion:168 Resp: 370833
Ion Ratio Lower Upper
168 100
99 62.0 49.8 74.6



#11
Tert butyl alcohol
Concen: 10.276 ug/l
RT: 5.167 min Scan# 552
Delta R.T. -0.048 min
Lab File: VD072926.D
Acq: 11 May 2022 12:58

Tgt Ion: 59 Resp: 4280
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

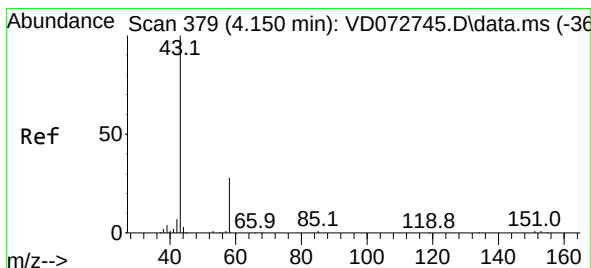
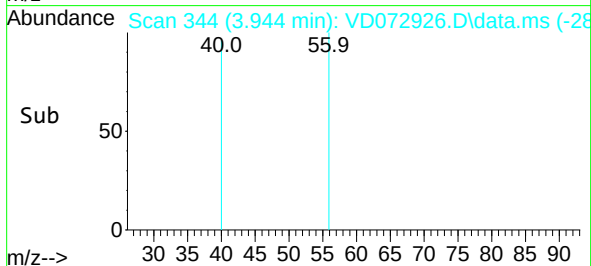
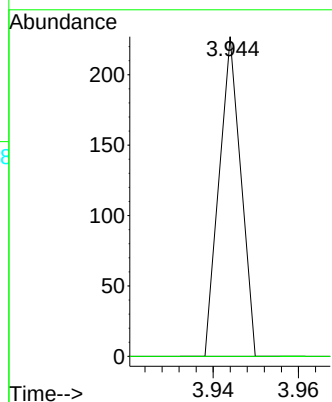
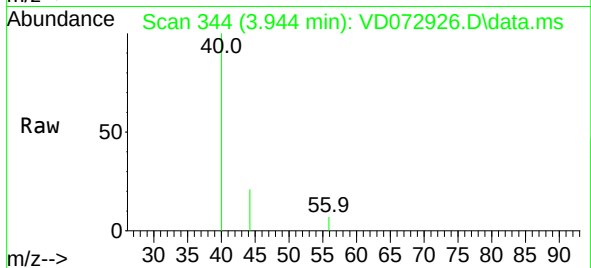




#13
Acrolein
Concen: Below Cal
RT: 3.944 min Scan# 34
Delta R.T. 0.023 min
Lab File: VD072926.D
Acq: 11 May 2022 12:58

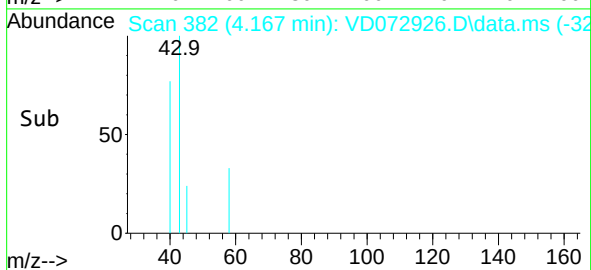
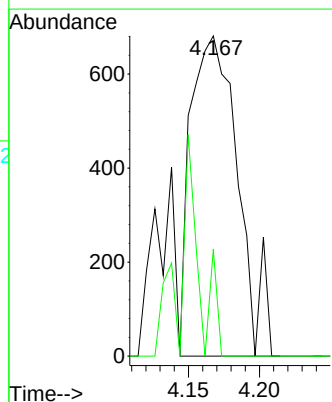
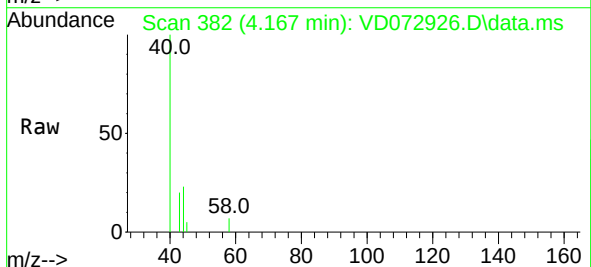
Instrument :
MSVOA_D
ClientSampleId :
124055

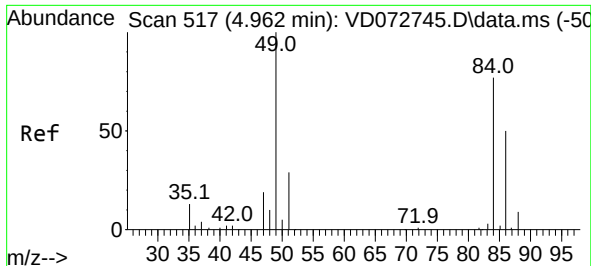
Tgt Ion: 56 Resp: 80
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: Below Cal
RT: 4.167 min Scan# 382
Delta R.T. 0.017 min
Lab File: VD072926.D
Acq: 11 May 2022 12:58

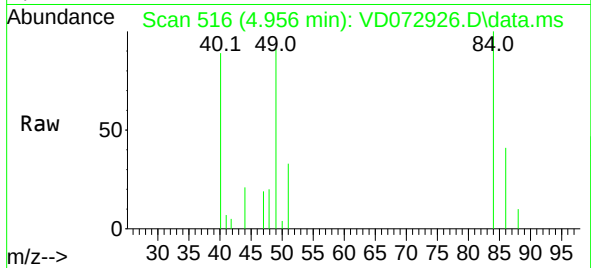
Tgt Ion: 43 Resp: 1580
Ion Ratio Lower Upper
43 100
58 33.3 22.1 33.1#



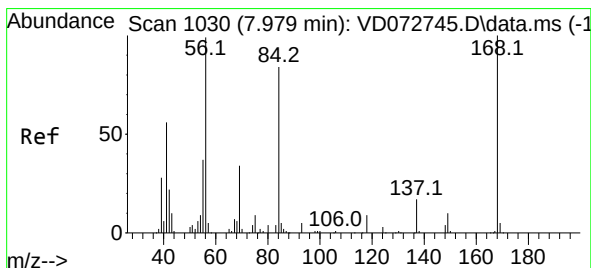
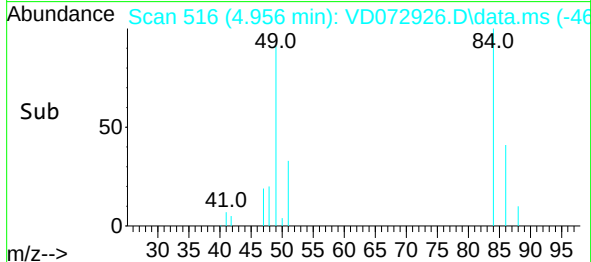
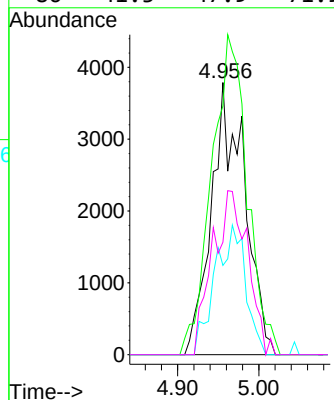


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD072926.D
Acq: 11 May 2022 12:58

Instrument :
MSVOA_D
ClientSampleId :
124055

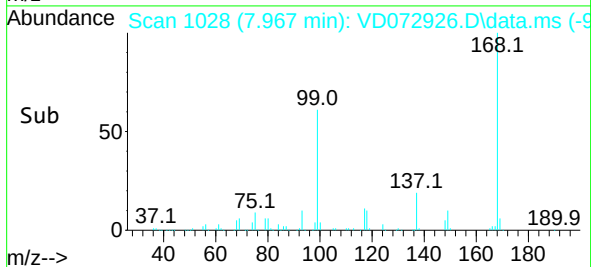
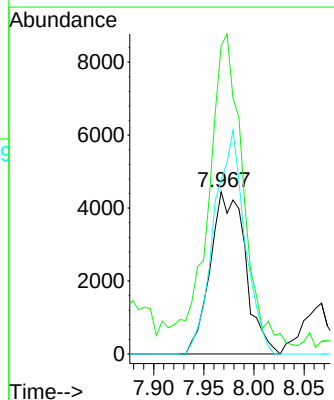
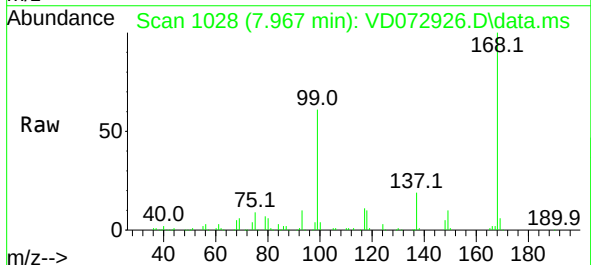


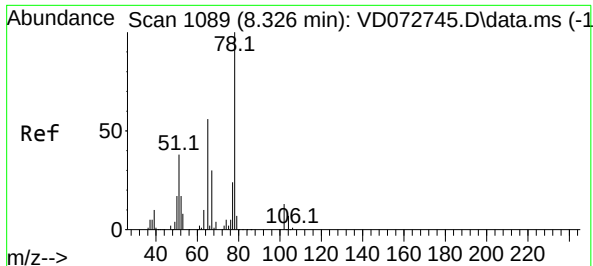
Tgt Ion:	84	Resp:	10764
Ion	Ratio	Lower	Upper
84	100		
49	91.4	112.8	169.2#
51	32.8	32.6	48.8
86	41.3	47.9	71.9#



#31
Cyclohexane
Concen: 1.287 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD072926.D
Acq: 11 May 2022 12:58

Tgt Ion:	56	Resp:	10832
Ion	Ratio	Lower	Upper
56	100		
69	177.5	25.4	38.2#
84	107.2	63.0	94.4#





#33

1,2-Dichloroethane-d4

Concen: 42.951 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VD072926.D

Acq: 11 May 2022 12:58

Instrument :

MSVOA_D

ClientSampleId :

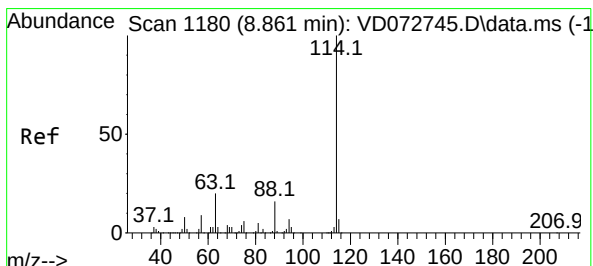
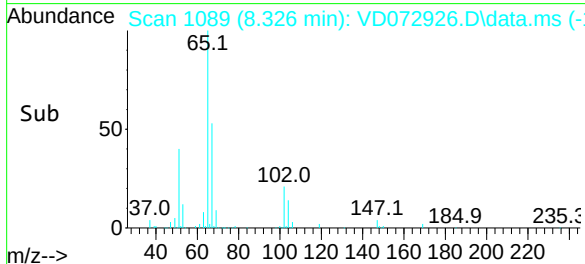
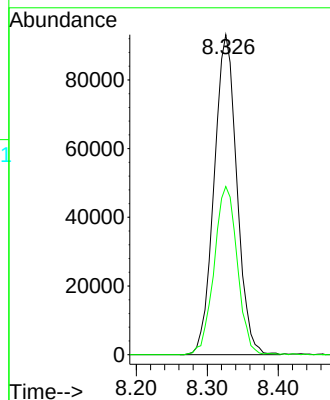
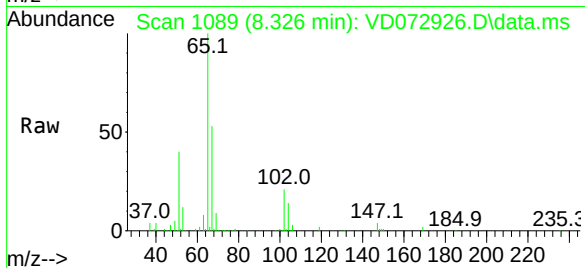
124055

Tgt Ion: 65 Resp: 206755

Ion Ratio Lower Upper

65 100

67 53.7 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD072926.D

Acq: 11 May 2022 12:58

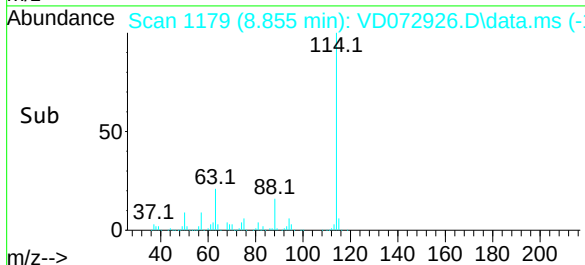
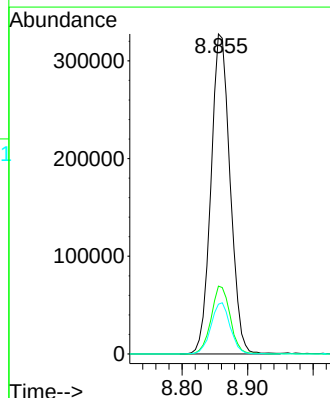
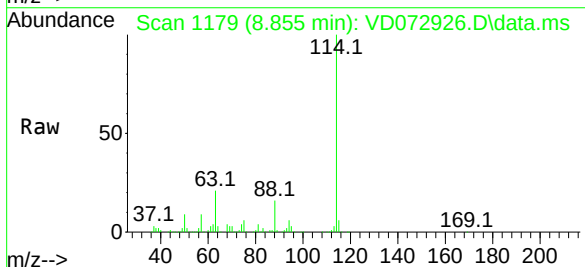
Tgt Ion: 114 Resp: 663582

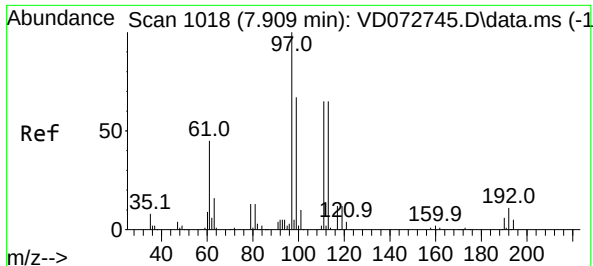
Ion Ratio Lower Upper

114 100

63 21.2 0.0 46.6

88 15.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 46.228 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD072926.D

Acq: 11 May 2022 12:58

Instrument :

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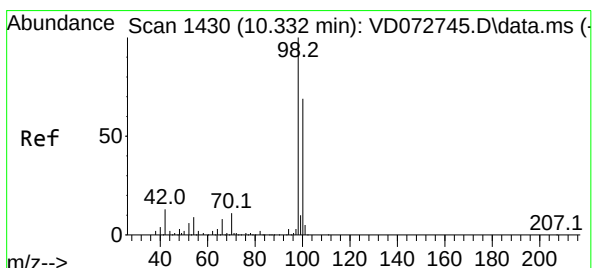
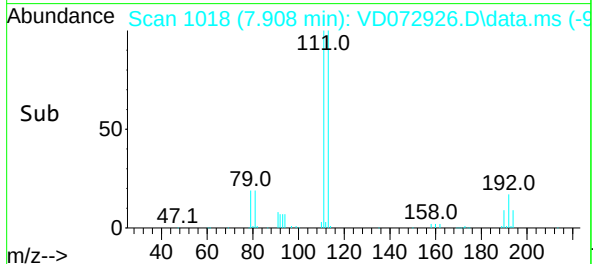
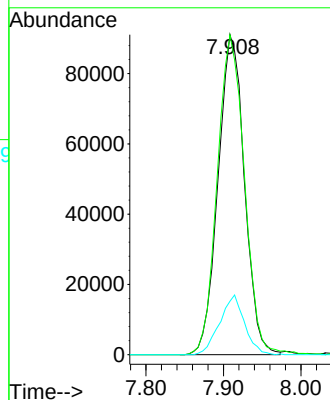
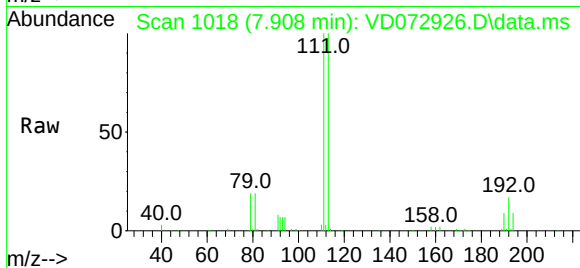
Tgt Ion:113 Resp: 215439

Ion Ratio Lower Upper

113 100

111 103.2 83.8 125.6

192 17.6 14.6 21.8



#50

Toluene-d8

Concen: 48.120 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD072926.D

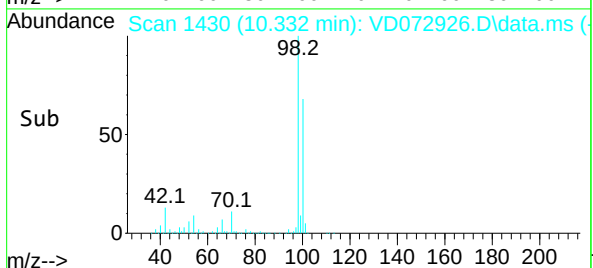
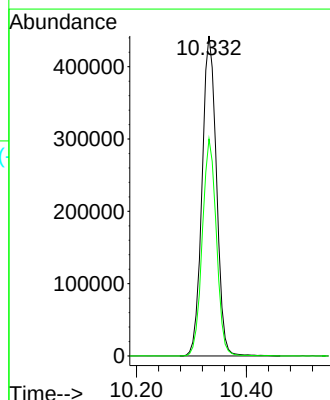
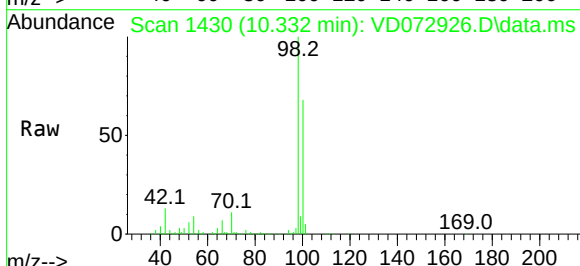
Acq: 11 May 2022 12:58

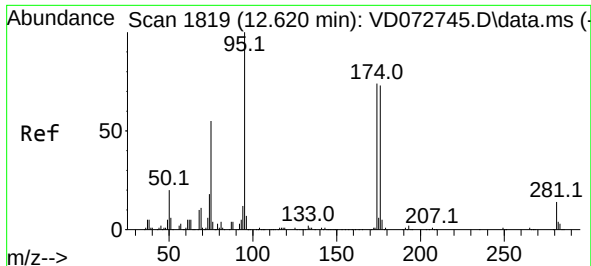
Tgt Ion: 98 Resp: 804444

Ion Ratio Lower Upper

98 100

100 66.5 52.4 78.6

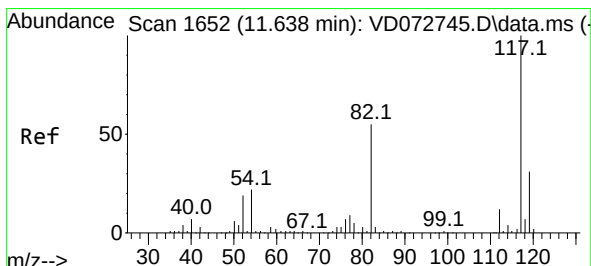
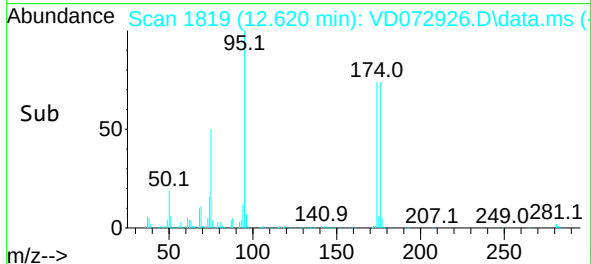
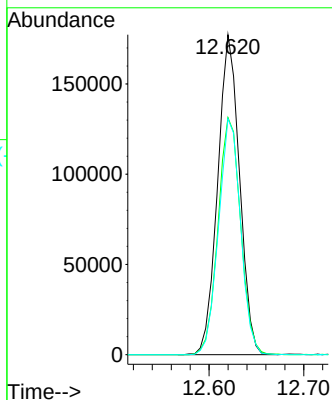
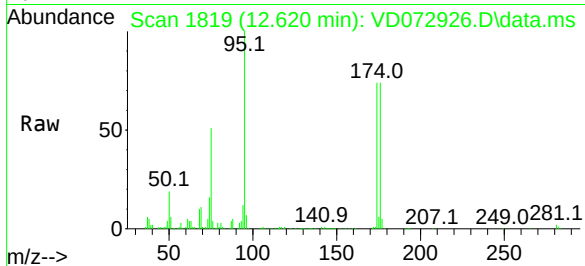




#62
4-Bromofluorobenzene
Concen: 45.616 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072926.D
Acq: 11 May 2022 12:58

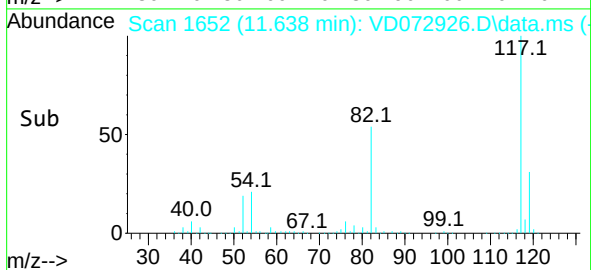
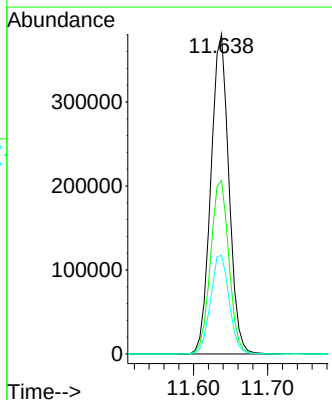
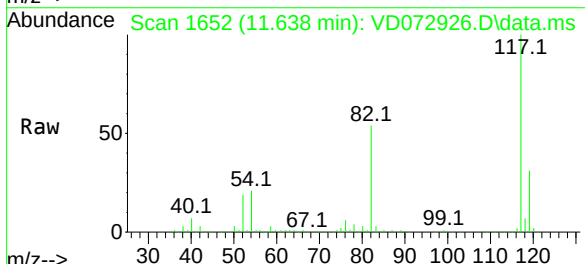
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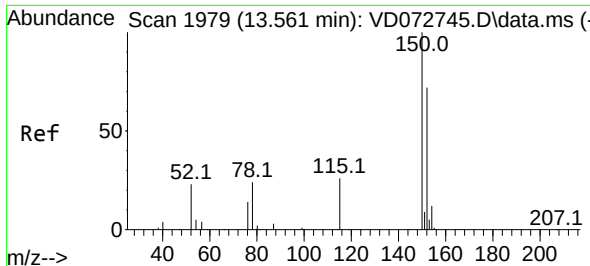
Tgt Ion: 95 Resp: 284342
Ion Ratio Lower Upper
95 100
174 76.5 0.0 152.8
176 74.0 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072926.D
Acq: 11 May 2022 12:58

Tgt Ion: 117 Resp: 643388
Ion Ratio Lower Upper
117 100
82 54.1 45.3 67.9
119 30.8 26.6 40.0

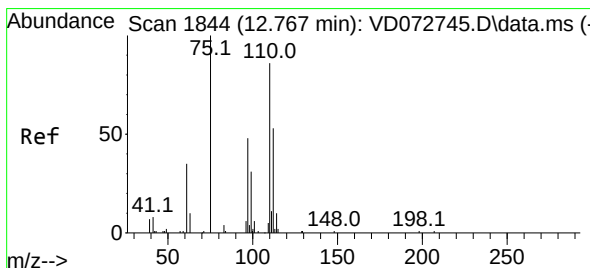
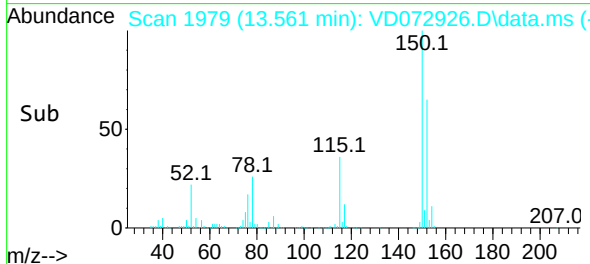
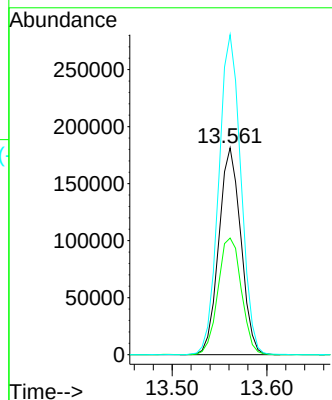
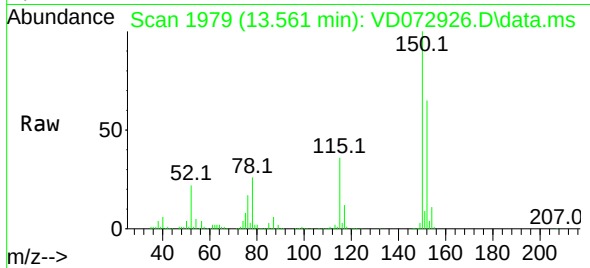




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD072926.D
 Acq: 11 May 2022 12:58

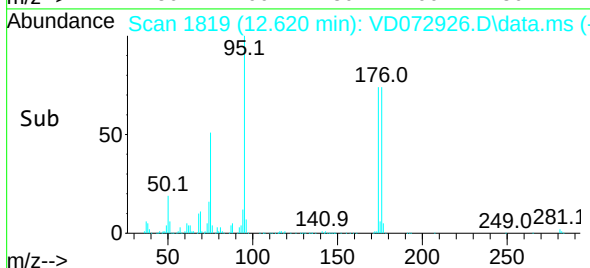
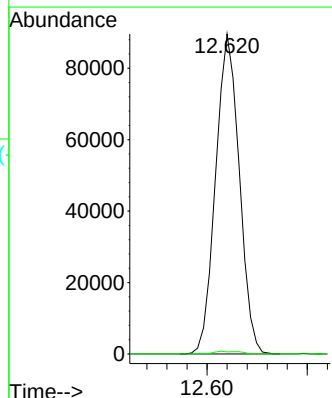
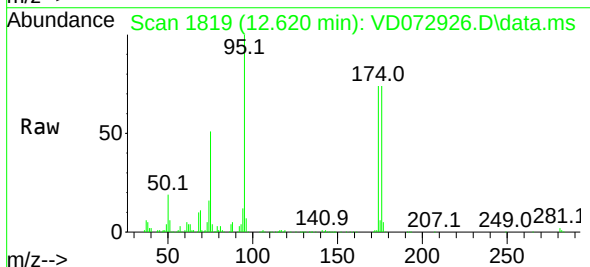
Instrument :
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 ClientSampleId :
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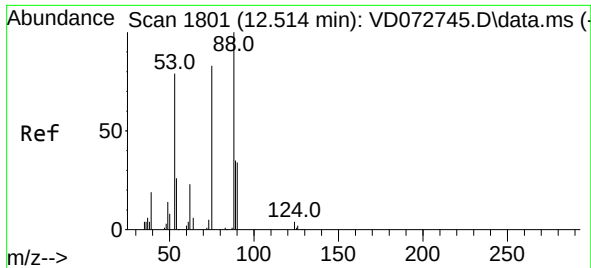
Tgt Ion:152 Resp: 293273
 Ion Ratio Lower Upper
 152 100
 115 59.9 31.3 93.8
 150 155.9 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 44.893 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD072926.D
 Acq: 11 May 2022 12:58

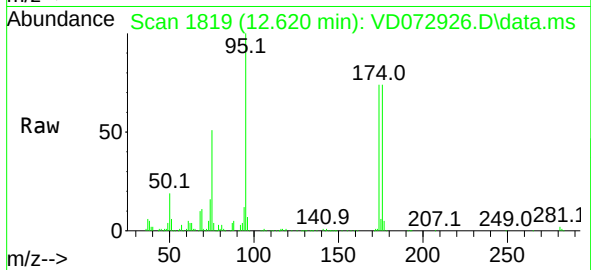
Tgt Ion: 75 Resp: 146808
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.235 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD072926.D
 Acq: 11 May 2022 12:58

Instrument :
 MSVOA_D
 ClientSampleId :
 124055



Tgt Ion: 75 Resp: 146808
 Ion Ratio Lower Upper
 75 100
 53 0.1 86.5 129.7#
 89 0.1 33.9 50.9#

