

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081921\
 Data File : VD070180.D
 Acq On : 19 Aug 2021 22:29
 Operator : VA/SY
 Sample : VD0819SBL02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0819SBL02

Quant Time: Aug 20 05:49:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

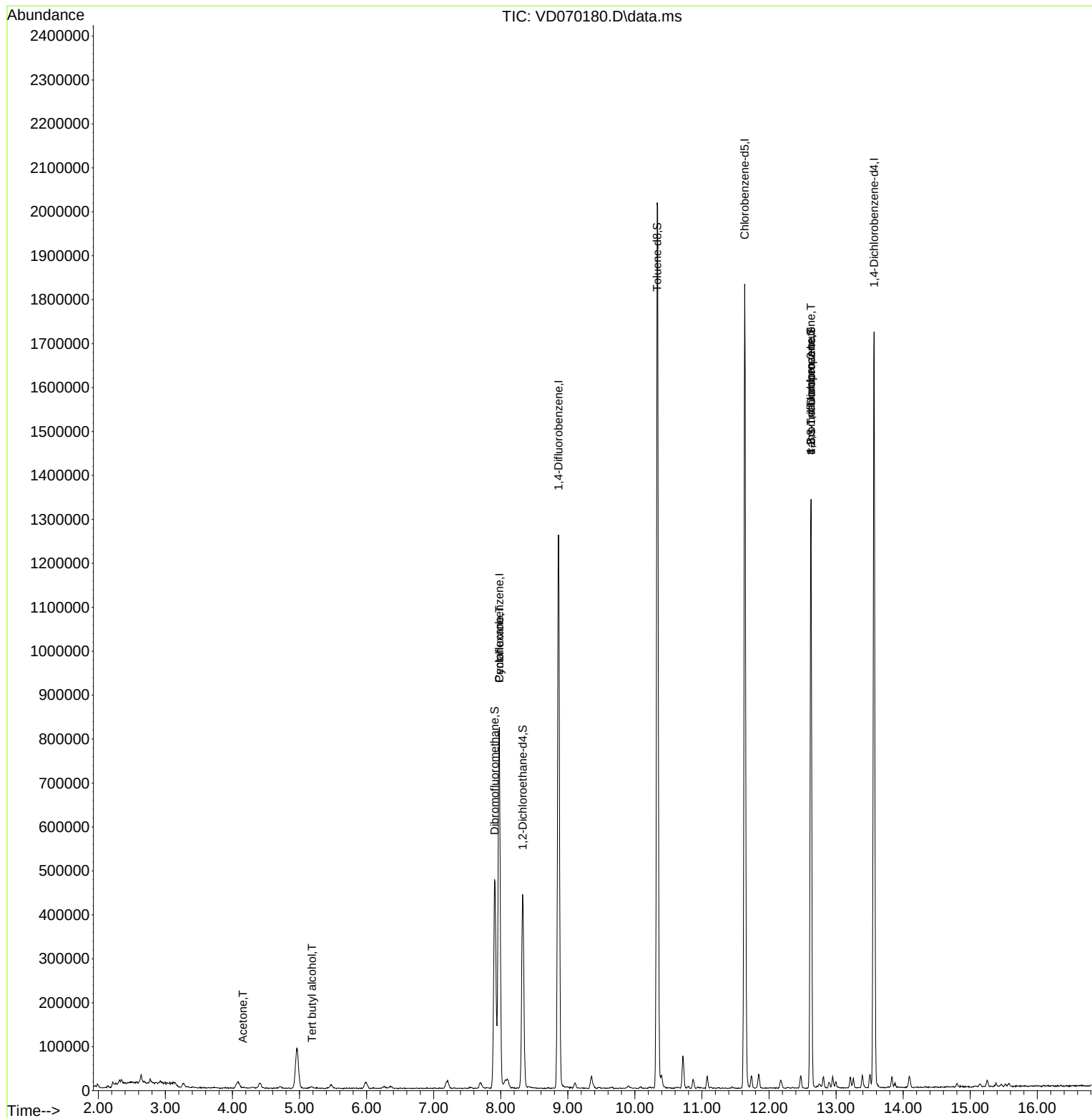
Internal Standards						
1) Pentafluorobenzene	7.979	168	562154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1087248	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1053716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	457942	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	342761	51.841	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.680%
35) Dibromofluoromethane	7.909	113	347831	49.518	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.040%
50) Toluene-d8	10.332	98	1403141	51.358	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.720%
62) 4-Bromofluorobenzene	12.626	95	453140	50.356	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.720%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	5692	Below Cal		95
3) Chloromethane	2.215	50	6621	Below Cal		97
5) Bromomethane	2.774	94	6285	Below Cal		96
11) Tert butyl alcohol	5.185	59	884	2.419 ug/l #		71
16) Acetone	4.156	43	3672	3.015 ug/l #		80
31) Cyclohexane	7.979	56	22164	1.694 ug/l #		38
76) 1,2,3-Trichloropropane	12.626	75	218210	46.986 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.626	75	218210	121.958 ug/l #		18

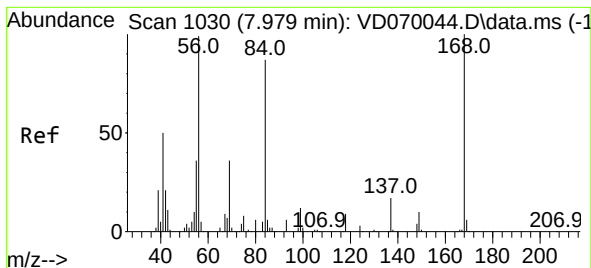
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Aug 14 02:33:51 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD070180.D

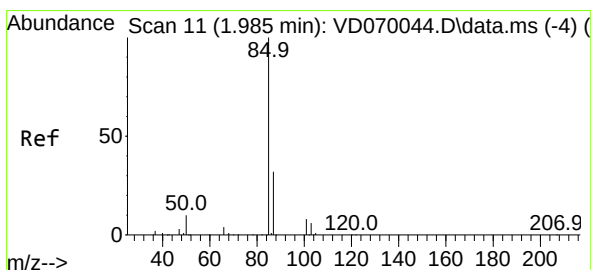
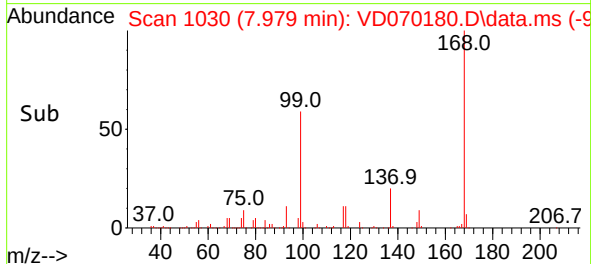
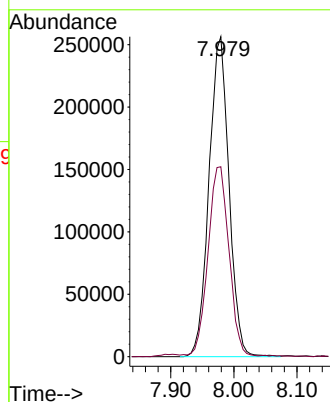
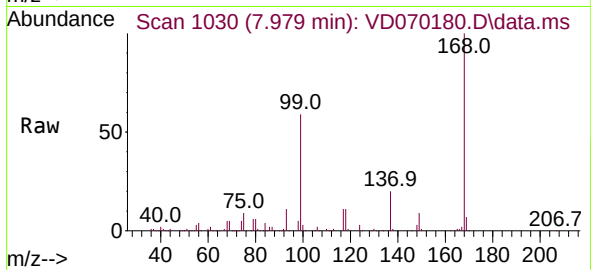
Acq: 19 Aug 2021 22:29

Tgt Ion:168 Resp: 562154

Ion Ratio Lower Upper

168 100

99 59.1 50.3 75.5



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.985 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD070180.D

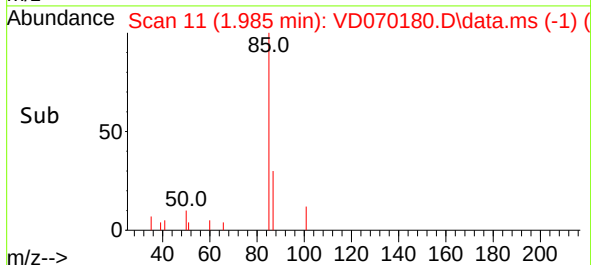
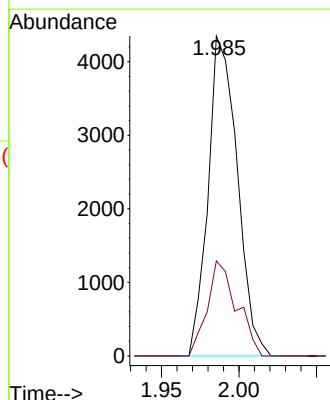
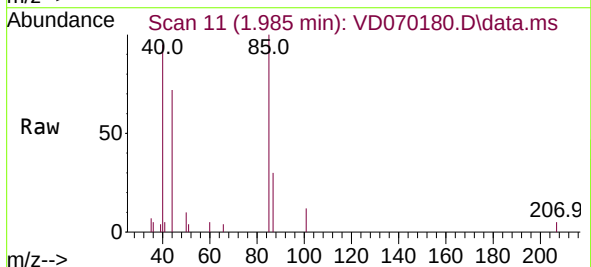
Acq: 19 Aug 2021 22:29

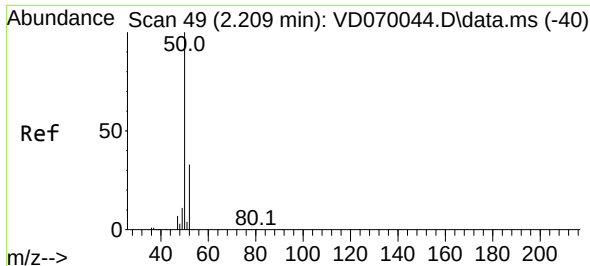
Tgt Ion: 85 Resp: 5692

Ion Ratio Lower Upper

85 100

87 29.7 16.2 48.6

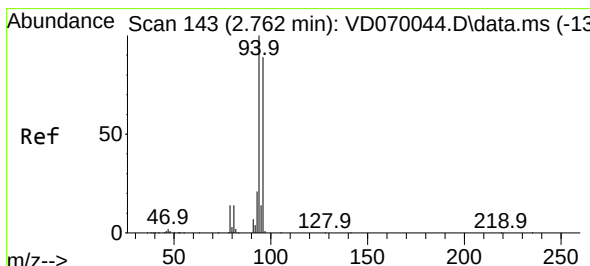
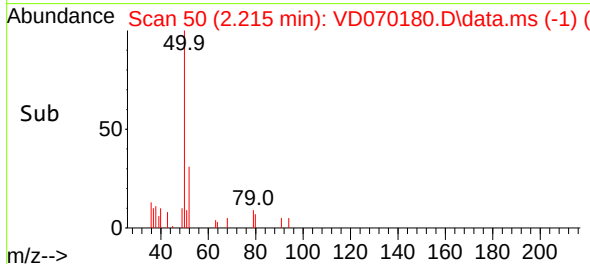
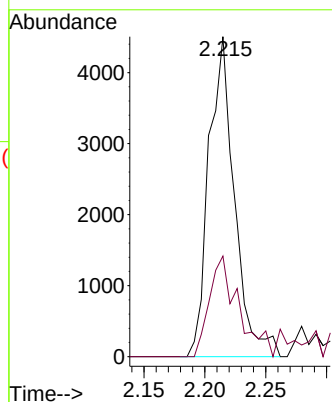
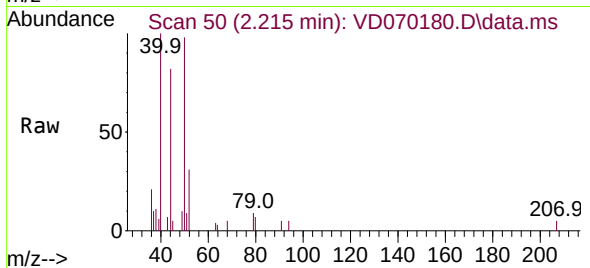




#3
Chloromethane
Concen: Below Cal
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD070180.D
Acq: 19 Aug 2021 22:29

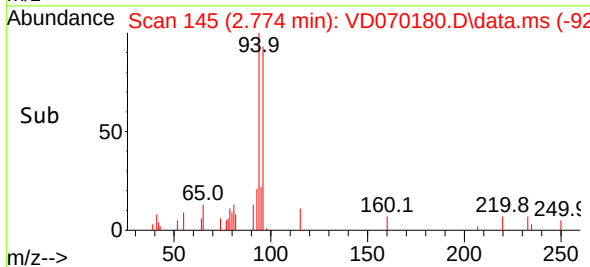
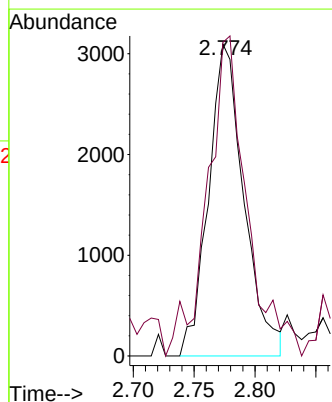
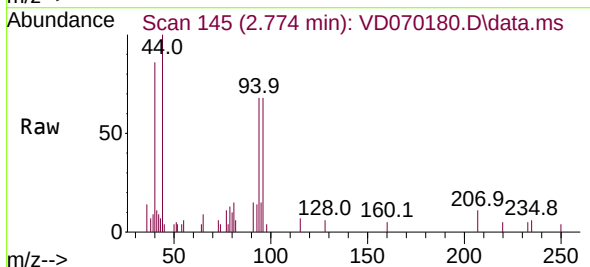
Instrument :
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VD0819SBL02

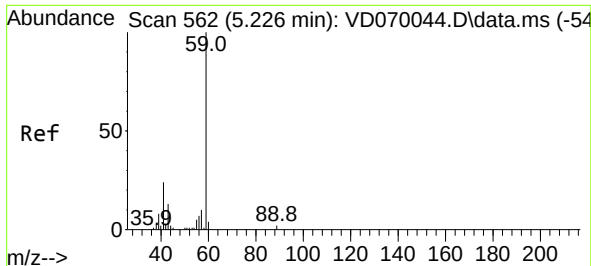
Tgt Ion: 50 Resp: 6621
Ion Ratio Lower Upper
50 100
52 31.4 26.3 39.5



#5
Bromomethane
Concen: Below Cal
RT: 2.774 min Scan# 145
Delta R.T. 0.012 min
Lab File: VD070180.D
Acq: 19 Aug 2021 22:29

Tgt Ion: 94 Resp: 6285
Ion Ratio Lower Upper
94 100
96 91.9 70.9 106.3





#11

Tert butyl alcohol

Concen: 2.419 ug/l

RT: 5.185 min Scan# 555

Delta R.T. -0.041 min

Lab File: VD070180.D

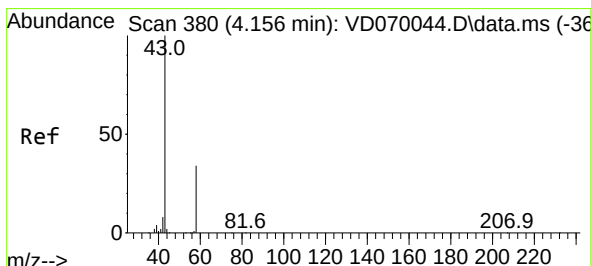
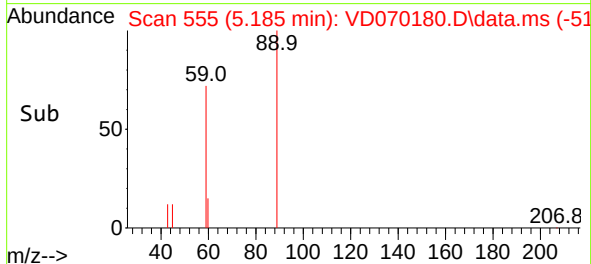
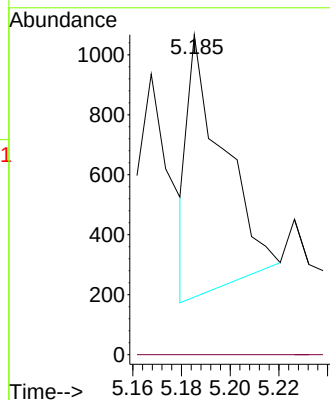
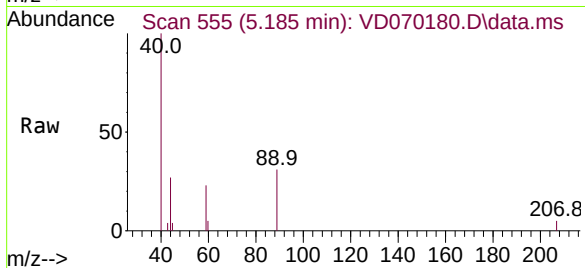
Acq: 19 Aug 2021 22:29

Tgt Ion: 59 Resp: 884

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#



#16

Acetone

Concen: 3.015 ug/l

RT: 4.156 min Scan# 380

Delta R.T. 0.000 min

Lab File: VD070180.D

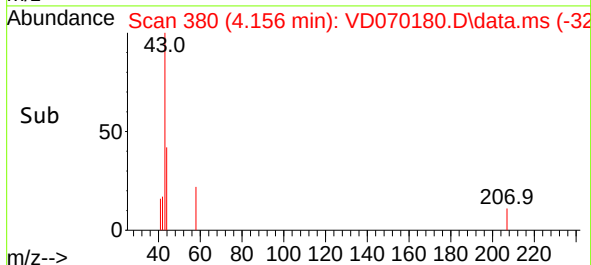
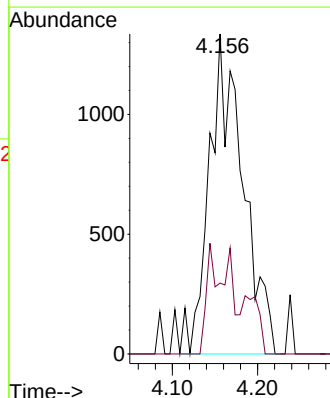
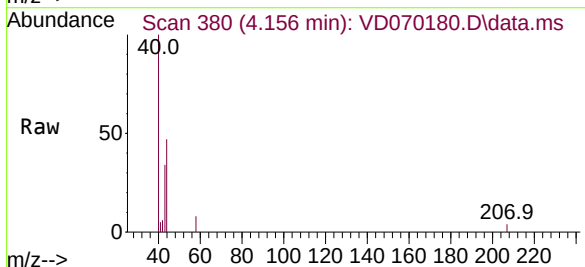
Acq: 19 Aug 2021 22:29

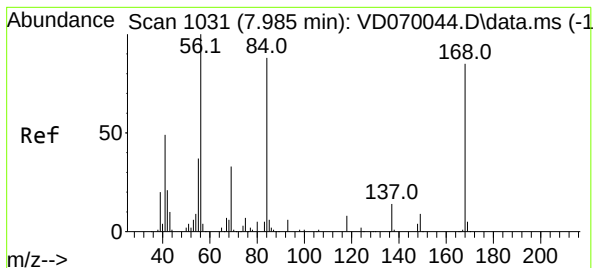
Tgt Ion: 43 Resp: 3672

Ion Ratio Lower Upper

43 100

58 22.2 26.8 40.2#





#31

Cyclohexane

Concen: 1.694 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD070180.D

Acq: 19 Aug 2021 22:29

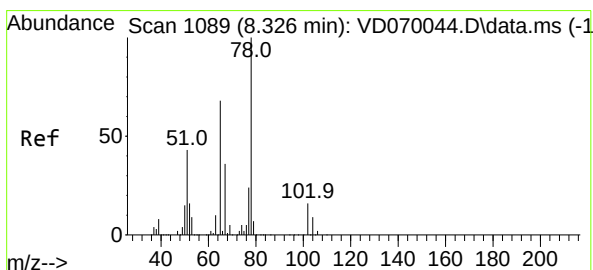
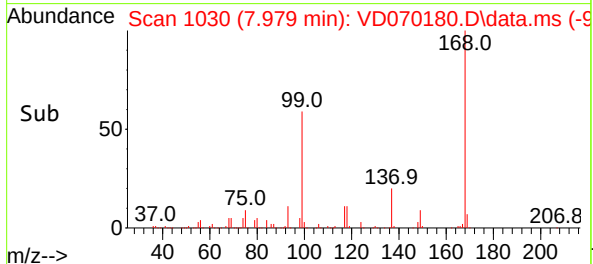
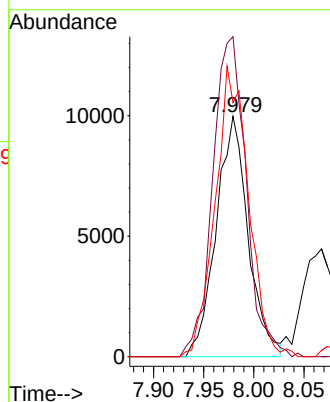
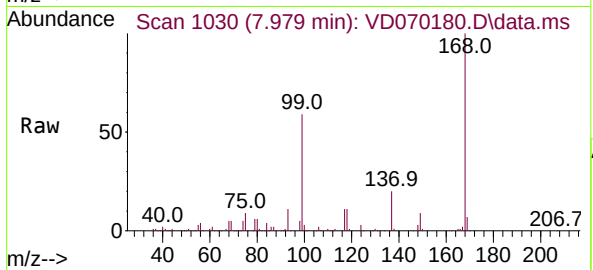
Instrument :

MSVOA_D

ClientSampleId :

VD0819SBL02

Tgt Ion:	56	Resp:	22164
Ion	Ratio	Lower	Upper
56	100		
69	133.2	26.7	40.1#
84	105.8	70.4	105.6#



#33

1,2-Dichloroethane-d4

Concen: 51.841 ug/l

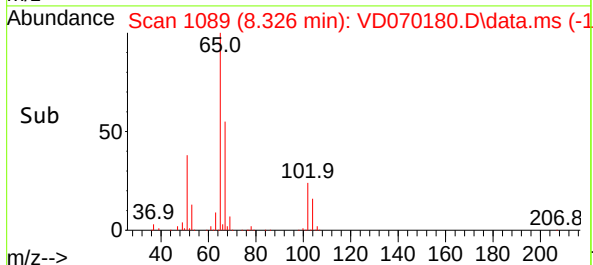
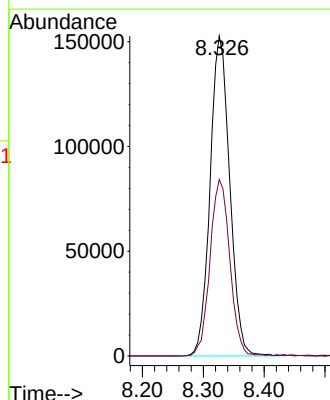
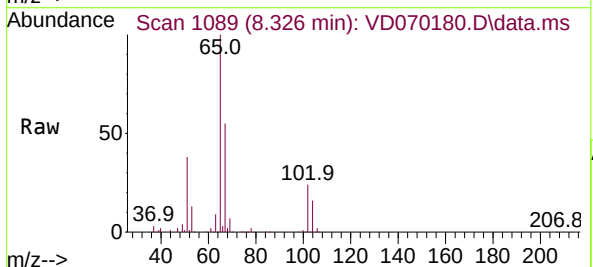
RT: 8.326 min Scan# 1089

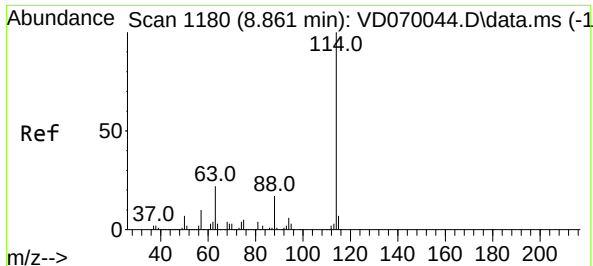
Delta R.T. 0.000 min

Lab File: VD070180.D

Acq: 19 Aug 2021 22:29

Tgt Ion:	65	Resp:	342761
Ion	Ratio	Lower	Upper
65	100		
67	55.5	0.0	107.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD070180.D

Acq: 19 Aug 2021 22:29

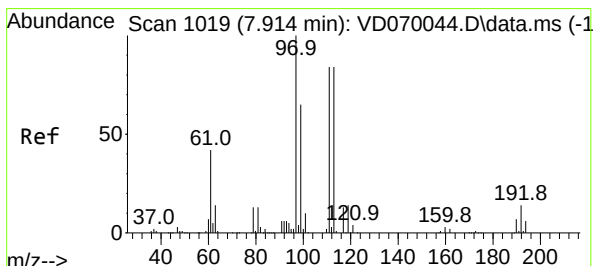
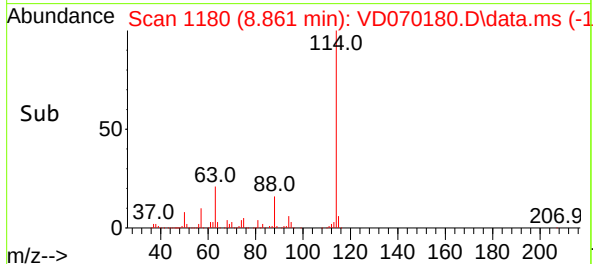
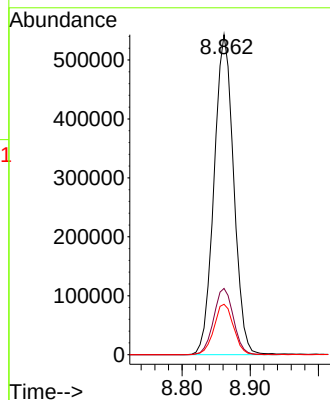
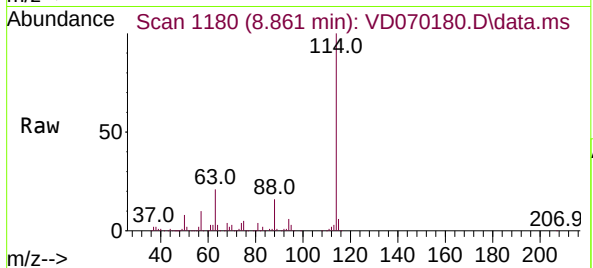
Tgt Ion:114 Resp: 1087248

Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.6

88 15.7 0.0 33.4



#35

Dibromofluoromethane

Concen: 49.518 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070180.D

Acq: 19 Aug 2021 22:29

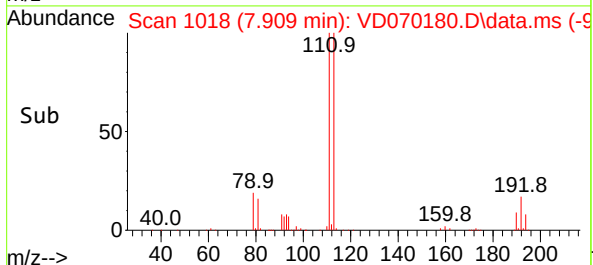
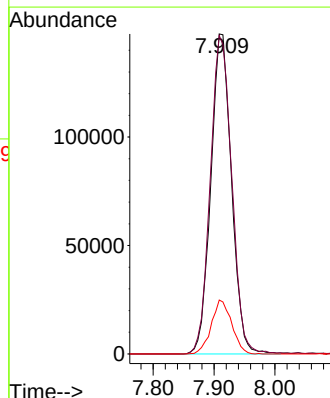
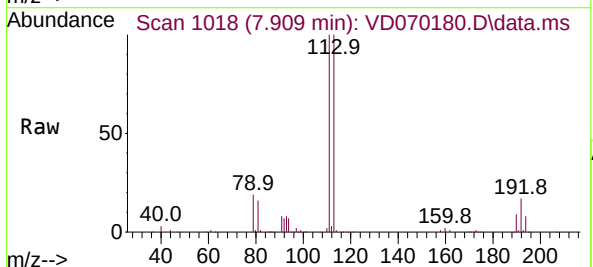
Tgt Ion:113 Resp: 347831

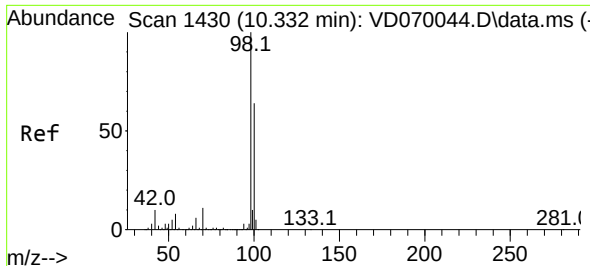
Ion Ratio Lower Upper

113 100

111 103.6 81.8 122.6

192 16.6 13.2 19.8

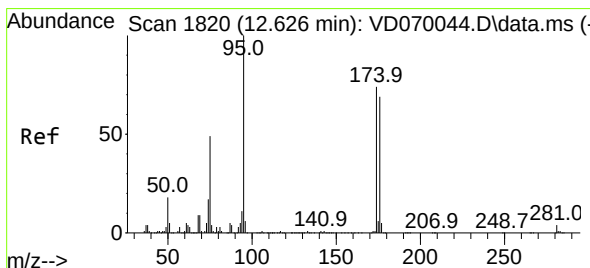
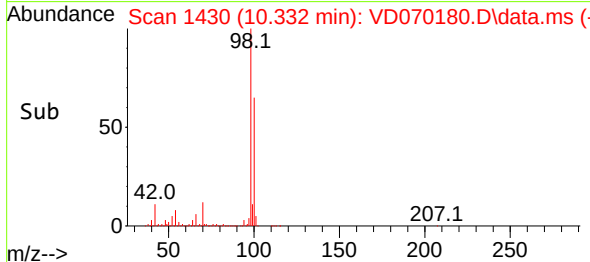
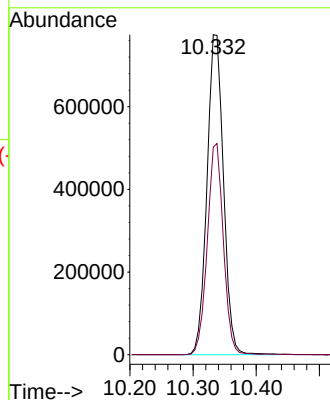
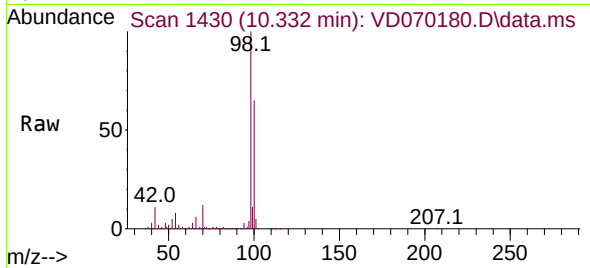




#50
Toluene-d8
Concen: 51.358 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070180.D
Acq: 19 Aug 2021 22:29

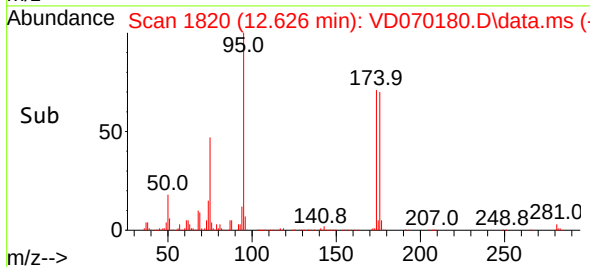
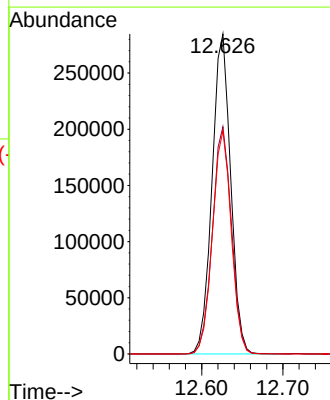
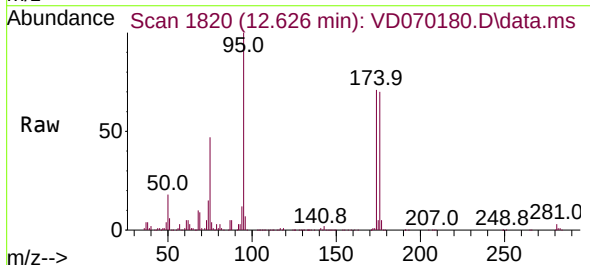
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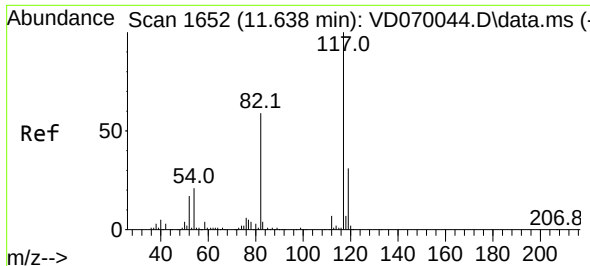
Tgt Ion: 98 Resp: 1403141
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.356 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070180.D
Acq: 19 Aug 2021 22:29

Tgt Ion: 95 Resp: 453140
Ion Ratio Lower Upper
95 100
174 72.8 0.0 141.6
176 70.1 0.0 138.2

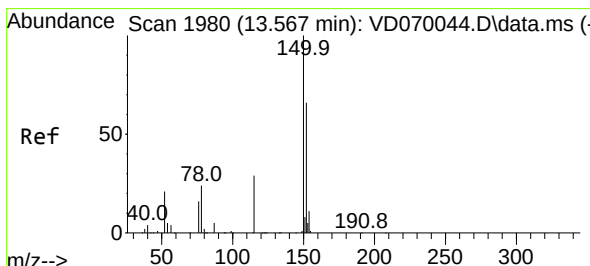
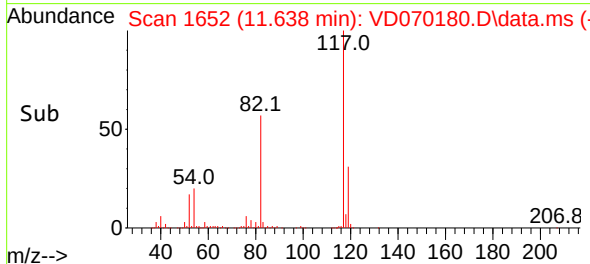
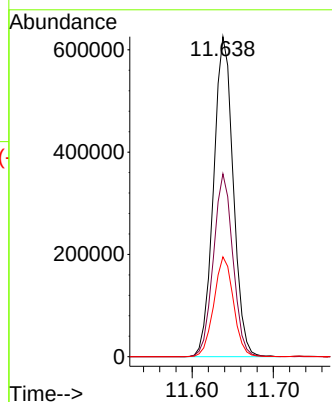
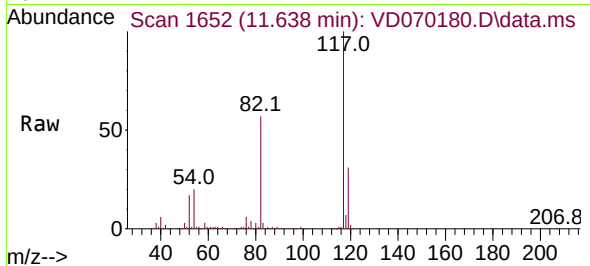




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070180.D
Acq: 19 Aug 2021 22:29

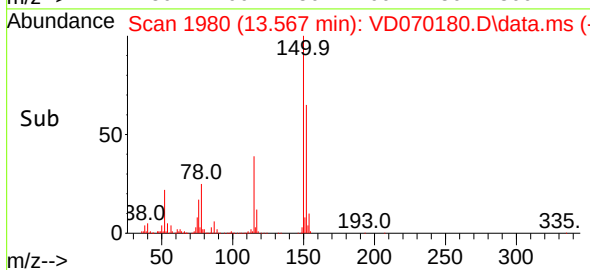
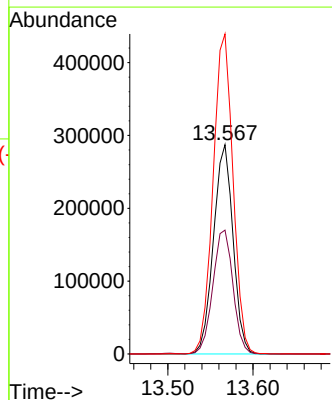
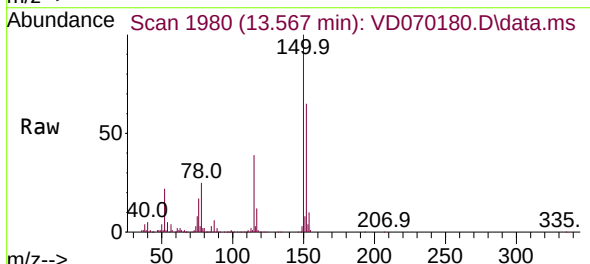
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBL02

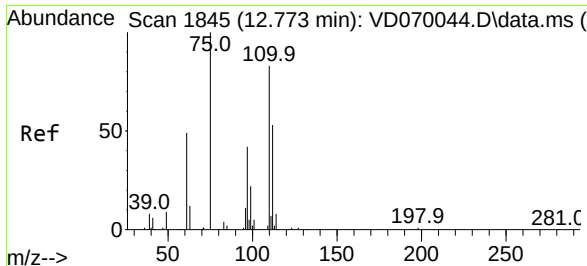
Tgt Ion:117 Resp: 1053716
Ion Ratio Lower Upper
117 100
82 57.2 47.5 71.3
119 31.2 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070180.D
Acq: 19 Aug 2021 22:29

Tgt Ion:152 Resp: 457942
Ion Ratio Lower Upper
152 100
115 61.0 31.2 93.6
150 155.4 0.0 352.0

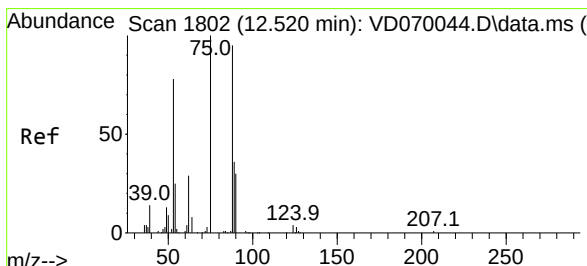
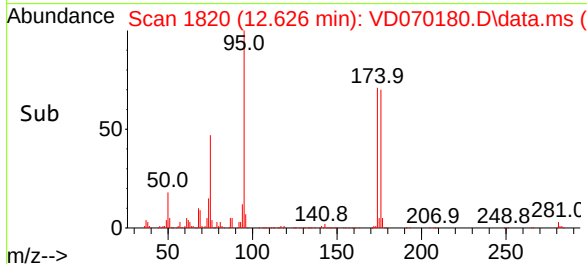
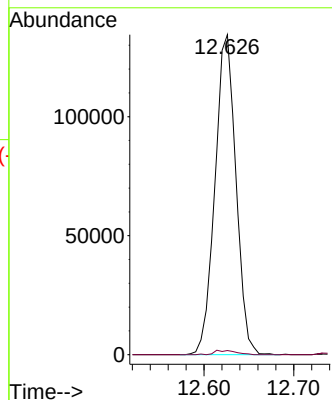
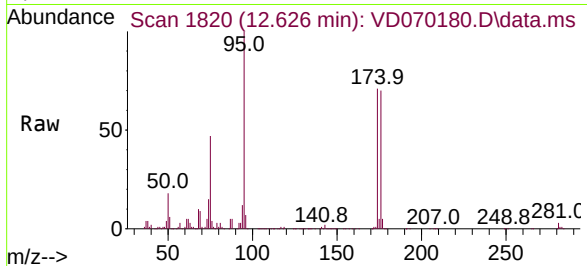




#76
1,2,3-Trichloropropane
Concen: 46.986 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070180.D
Acq: 19 Aug 2021 22:29

Instrument :
MSVOA_D
ClientSampleId :
VD0819SBL02

Tgt Ion: 75 Resp: 218210
Ion Ratio Lower Upper
75 100
77 1.4 182.4 547.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 121.958 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070180.D
Acq: 19 Aug 2021 22:29

Tgt Ion: 75 Resp: 218210
Ion Ratio Lower Upper
75 100
53 0.3 64.5 96.7#
89 0.1 33.7 50.5#

