

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081921\
 Data File : VD070189.D
 Acq On : 20 Aug 2021 03:16
 Operator : VA/SY
 Sample : M3449-07
 Misc : 5.30G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP3

Quant Time: Aug 20 05:50:49 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)

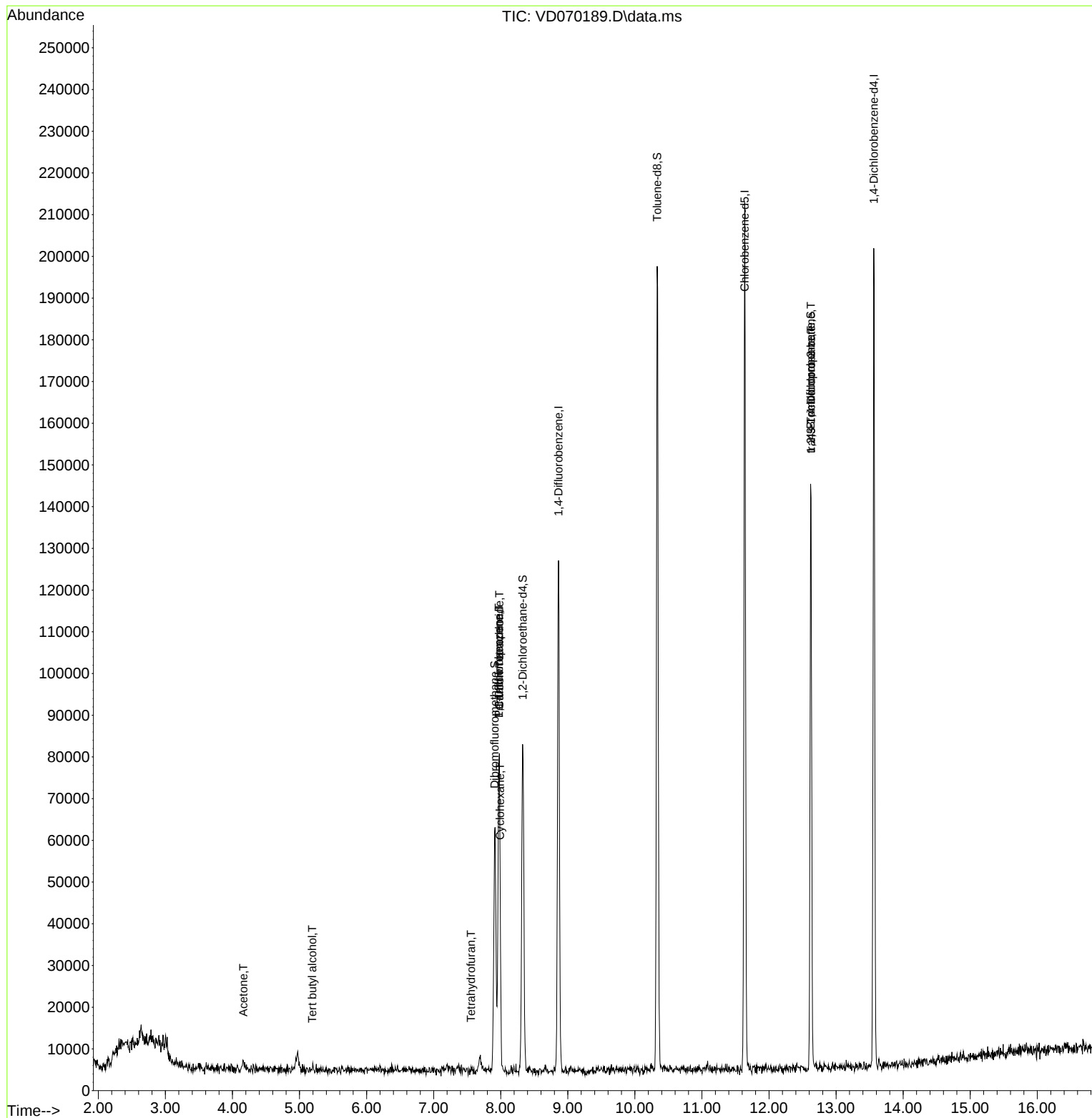
Internal Standards						
1) Pentafluorobenzene	7.973	168	54413	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	102217	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	116957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	52989	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	62497	97.654	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 195.300%#	
35) Dibromofluoromethane	7.909	113	41247	62.459	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 124.920%	
50) Toluene-d8	10.332	98	136368	53.091	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.180%	
62) 4-Bromofluorobenzene	12.620	95	47007	55.563	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.120%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.209	50	899	Below Cal	#	31
11) Tert butyl alcohol	5.191	59	61	1.724	ug/l #	71
16) Acetone	4.162	43	3400	28.839	ug/l #	77
20) Methylene Chloride	4.944	84	1041	Below Cal	#	77
29) Tetrahydrofuran	7.556	42	137	1.299	ug/l #	32
31) Cyclohexane	7.991	56	1351	1.067	ug/l #	37
36) 1,1-Dichloropropene	7.973	75	5605	5.097	ug/l #	47
38) Carbon Tetrachloride	7.979	117	6364	6.375	ug/l #	10
76) 1,2,3-Trichloropropane	12.626	75	22751	42.337	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	22751	109.891	ug/l #	17

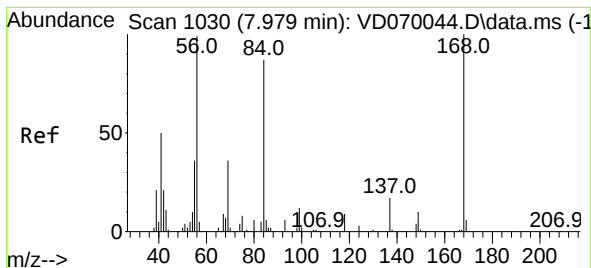
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD070189.D

Acq: 20 Aug 2021 03:16

Tgt Ion:168 Resp: 54413

Ion Ratio Lower Upper

168 100

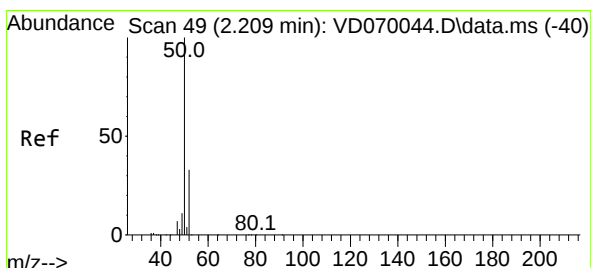
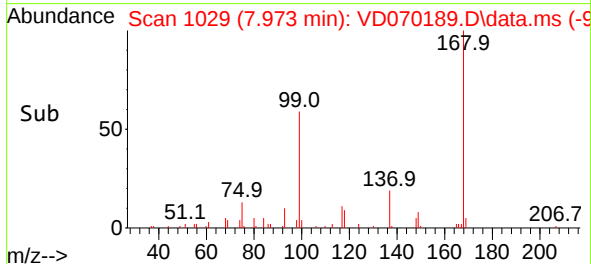
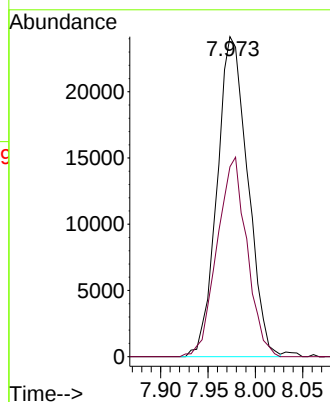
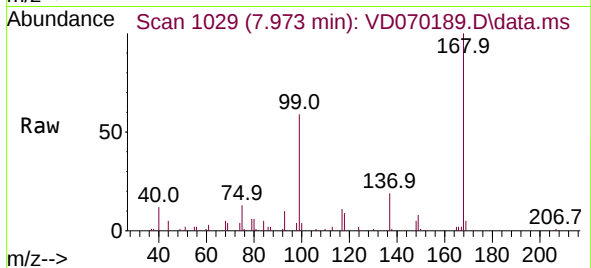
99 59.3 50.3 75.5

Instrument :

MSVOA_D

ClientSampleId :

TP3



#3

Chloromethane

Concen: Below Cal

RT: 2.209 min Scan# 49

Delta R.T. -0.000 min

Lab File: VD070189.D

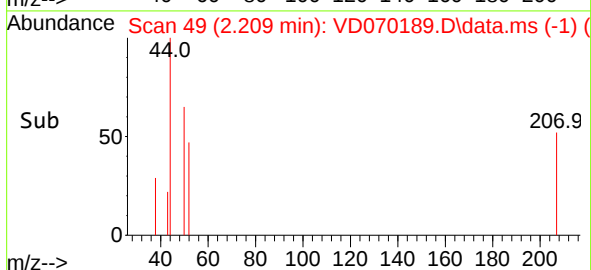
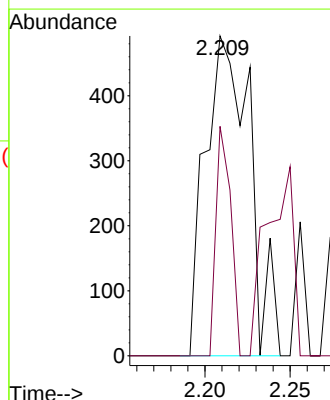
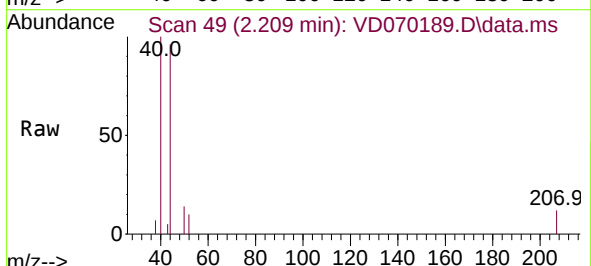
Acq: 20 Aug 2021 03:16

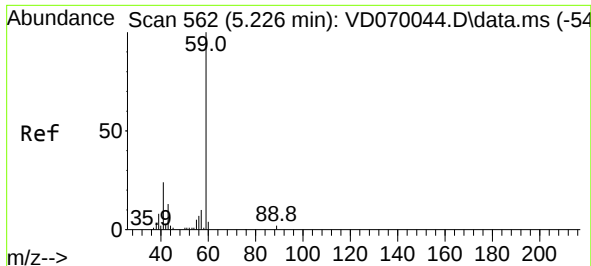
Tgt Ion: 50 Resp: 899

Ion Ratio Lower Upper

50 100

52 71.7 26.3 39.5#



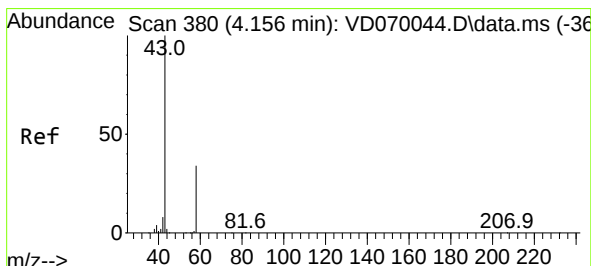
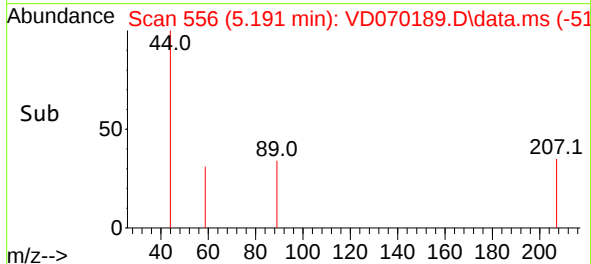
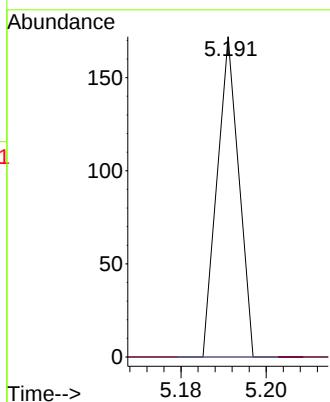
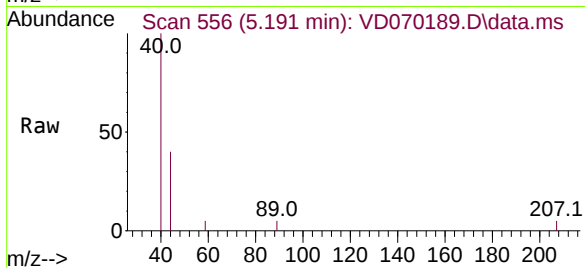


#11

Tert butyl alcohol
Concen: 1.724 ug/l
RT: 5.191 min Scan# 556
Delta R.T. -0.035 min
Lab File: VD070189.D
Acq: 20 Aug 2021 03:16

Instrument :
MSVOA_D
ClientSampleId :
TP3

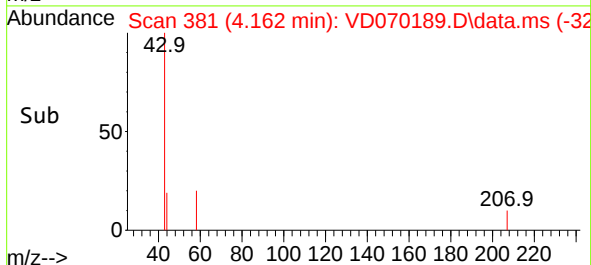
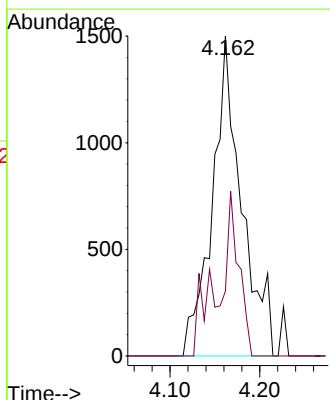
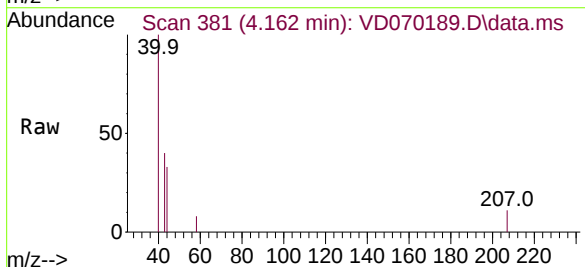
Tgt Ion: 59 Resp: 61
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

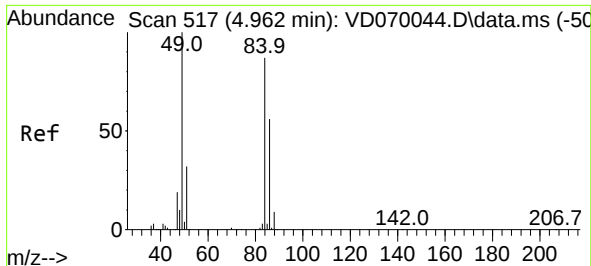


#16

Acetone
Concen: 28.839 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070189.D
Acq: 20 Aug 2021 03:16

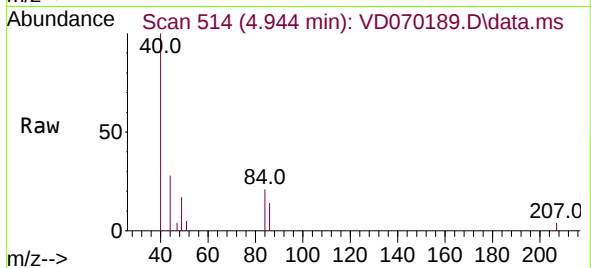
Tgt Ion: 43 Resp: 3400
Ion Ratio Lower Upper
43 100
58 20.2 26.8 40.2#



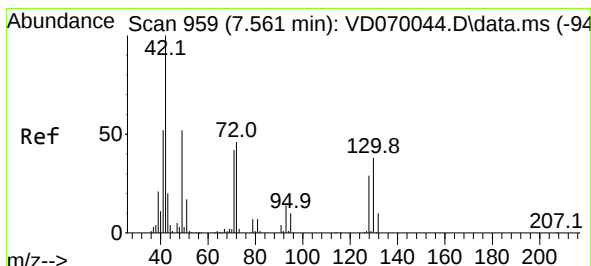
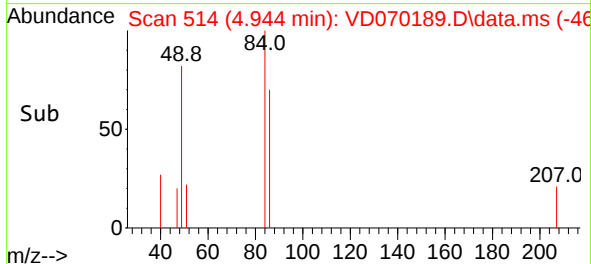
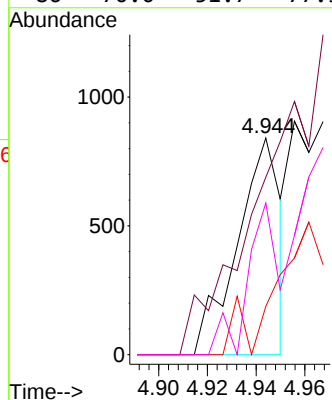


#20
Methylene Chloride
Concen: Below Cal
RT: 4.944 min Scan# 514
Delta R.T. -0.018 min
Lab File: VD070189.D
Acq: 20 Aug 2021 03:16

Instrument :
MSVOA_D
ClientSampled :
TP3

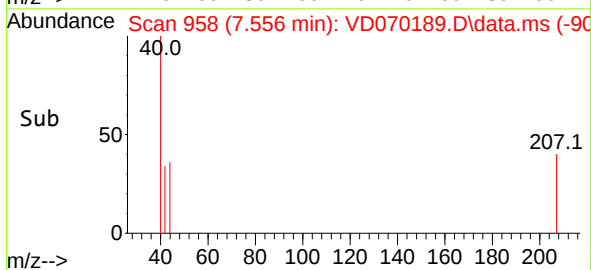
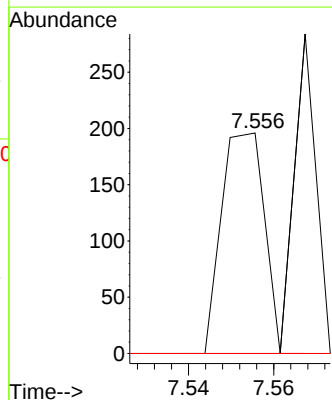
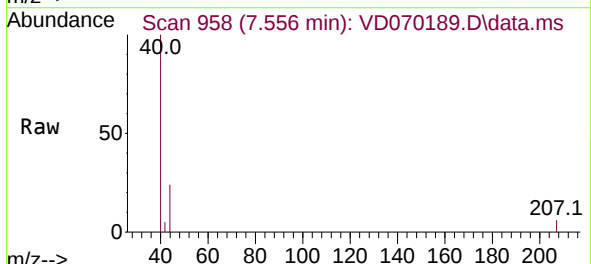


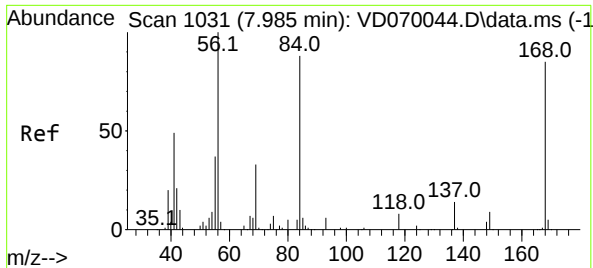
Tgt Ion:	84	Resp:	1041
Ion	Ratio	Lower	Upper
84	100		
49	81.9	92.5	138.7#
51	22.4	29.7	44.5#
86	70.0	51.7	77.5



#29
Tetrahydrofuran
Concen: 1.299 ug/l
RT: 7.556 min Scan# 958
Delta R.T. -0.006 min
Lab File: VD070189.D
Acq: 20 Aug 2021 03:16

Tgt Ion:	42	Resp:	137
Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.5	56.3#
71	0.0	33.6	50.4#

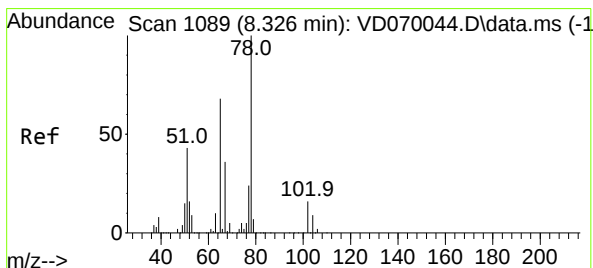
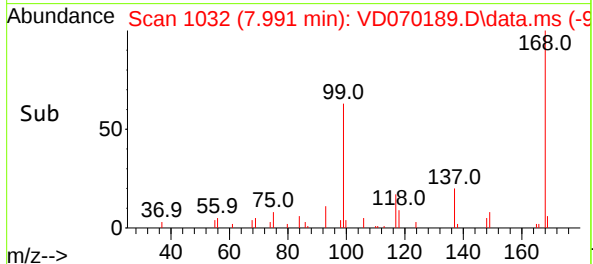
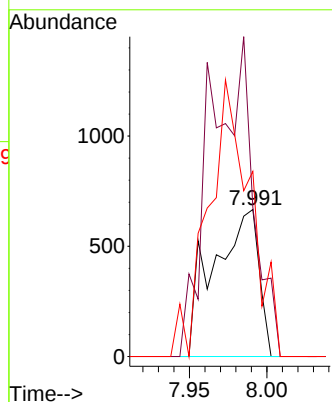
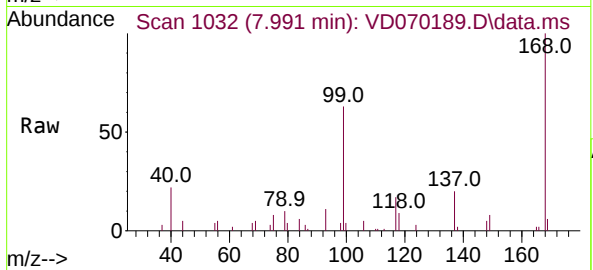




#31
Cyclohexane
Concen: 1.067 ug/l
RT: 7.991 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VD070189.D
Acq: 20 Aug 2021 03:16

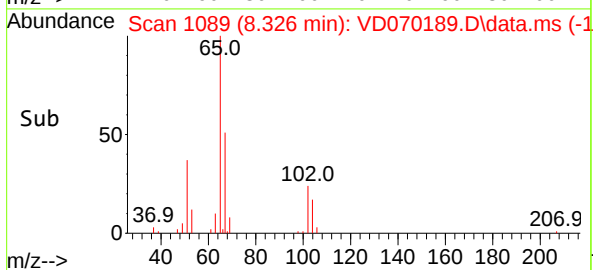
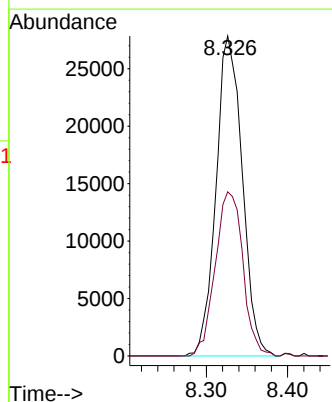
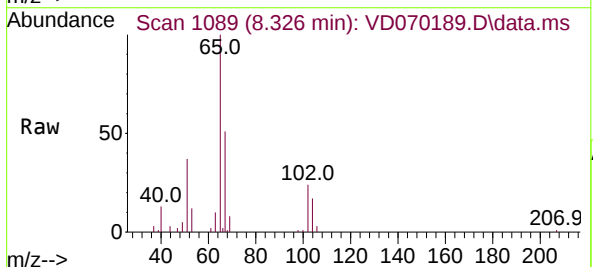
Instrument :
MSVOA_D
ClientSampleId :
TP3

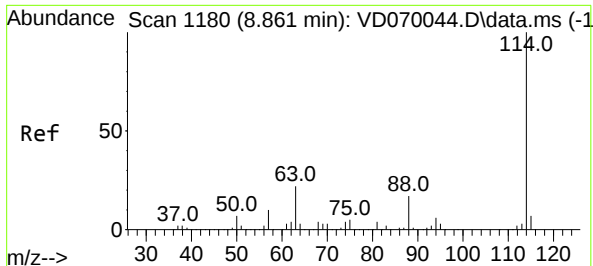
Tgt Ion: 56 Resp: 1351
Ion Ratio Lower Upper
56 100
69 101.5 26.7 40.1#
84 125.9 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 97.654 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070189.D
Acq: 20 Aug 2021 03:16

Tgt Ion: 65 Resp: 62497
Ion Ratio Lower Upper
65 100
67 54.2 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: VD070189.D

Acq: 20 Aug 2021 03:16

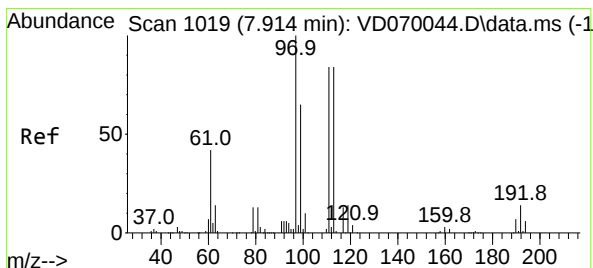
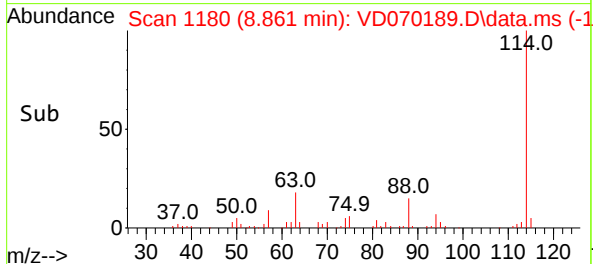
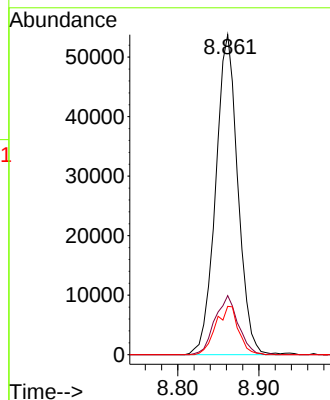
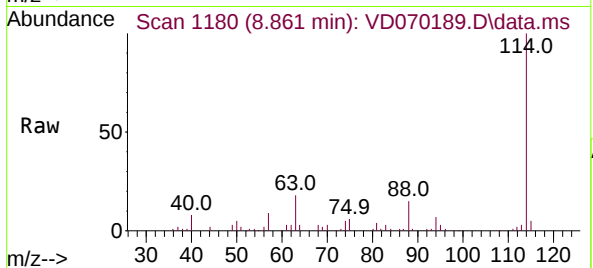
Tgt Ion:114 Resp: 102217

Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.6

88 15.1 0.0 33.4



#35

Dibromofluoromethane

Concen: 62.459 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070189.D

Acq: 20 Aug 2021 03:16

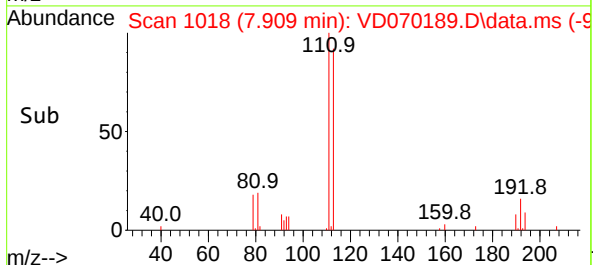
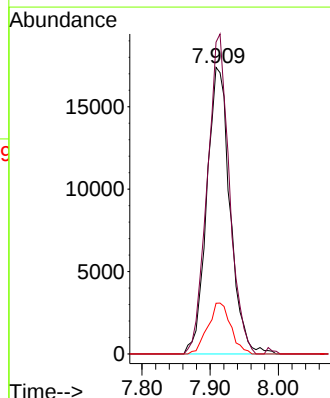
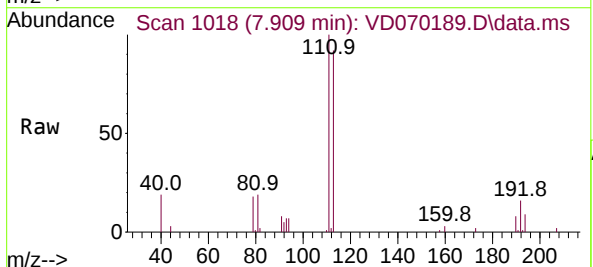
Tgt Ion:113 Resp: 41247

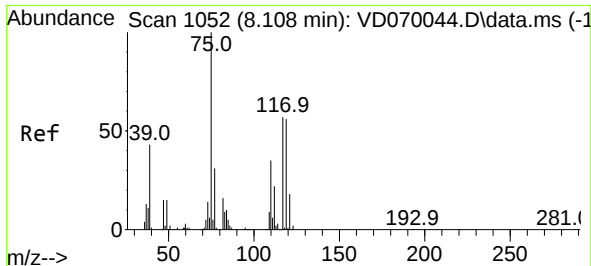
Ion Ratio Lower Upper

113 100

111 106.6 81.8 122.6

192 17.5 13.2 19.8

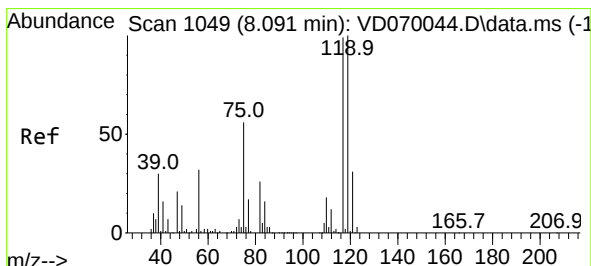
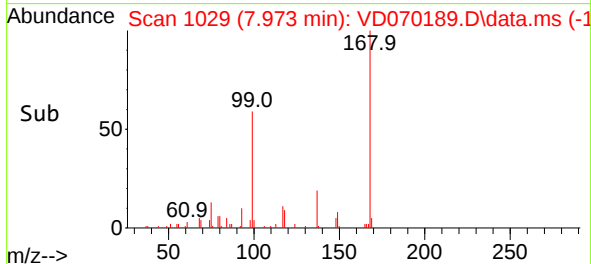
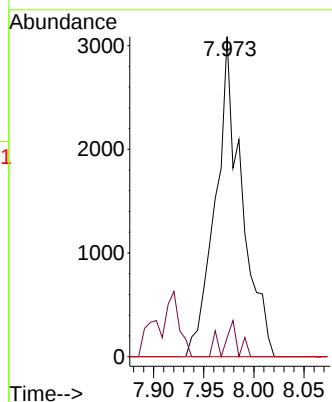
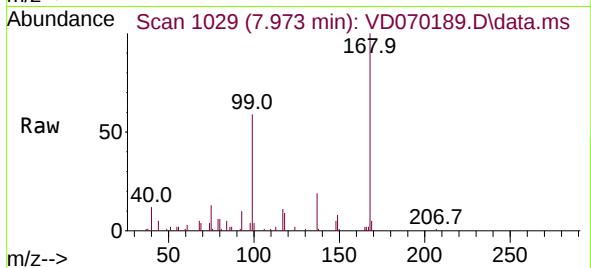




#36
1,1-Dichloropropene
Concen: 5.097 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD070189.D
Acq: 20 Aug 2021 03:16

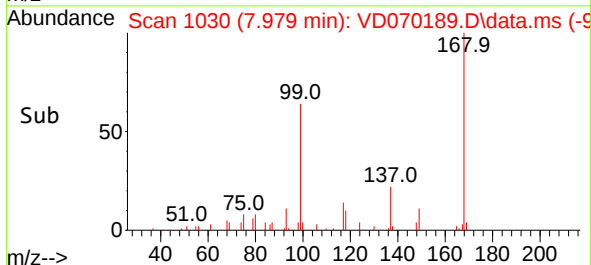
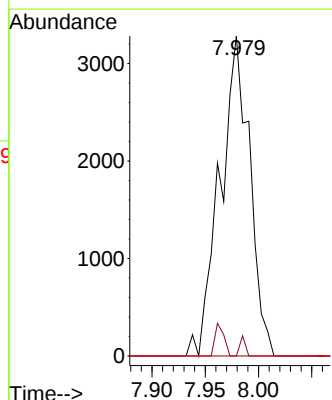
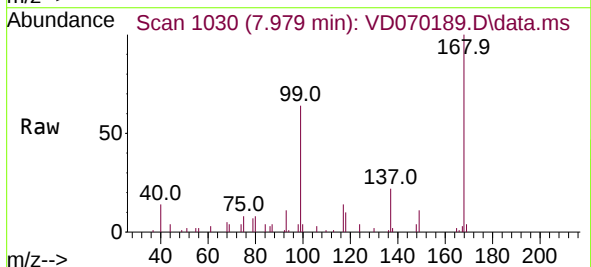
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MSVOA_D
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TP3

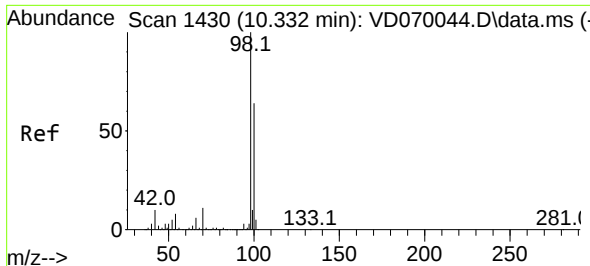
Tgt Ion: 75 Resp: 5605
Ion Ratio Lower Upper
75 100
110 6.1 16.9 50.7#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 6.375 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD070189.D
Acq: 20 Aug 2021 03:16

Tgt Ion: 117 Resp: 6364
Ion Ratio Lower Upper
117 100
119 0.0 81.0 121.6#
121 0.0 25.0 37.6#

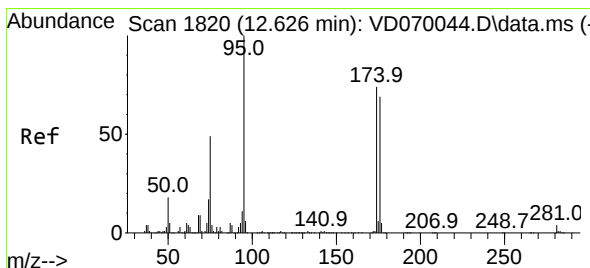
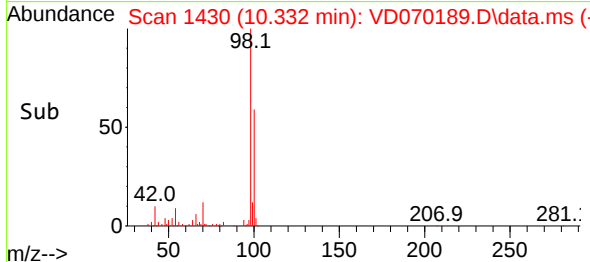
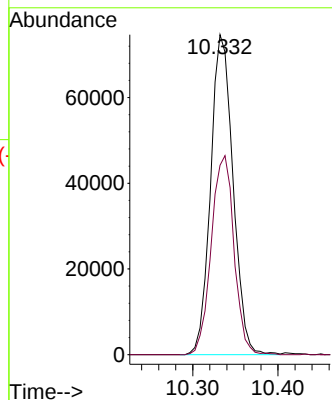
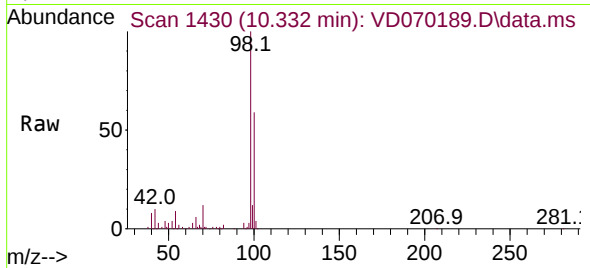




#50
Toluene-d8
Concen: 53.091 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070189.D
Acq: 20 Aug 2021 03:16

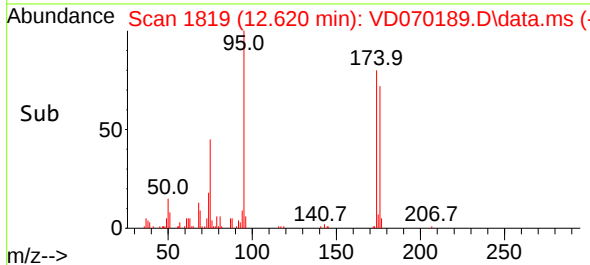
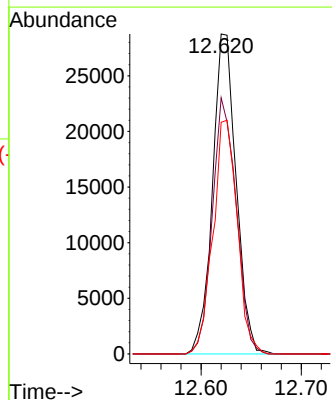
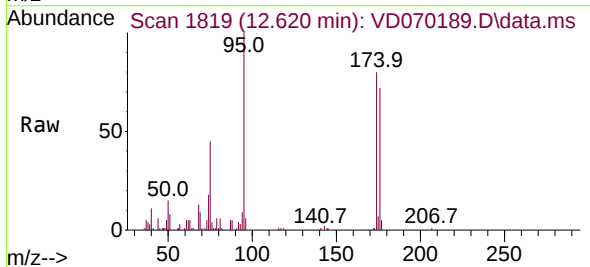
Instrument :
MSVOA_D
ClientSampleId :
TP3

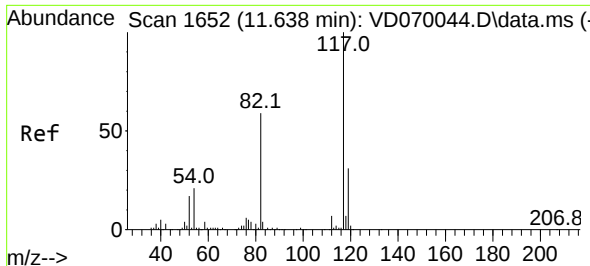
Tgt Ion: 98 Resp: 136368
Ion Ratio Lower Upper
98 100
100 63.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 55.563 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070189.D
Acq: 20 Aug 2021 03:16

Tgt Ion: 95 Resp: 47007
Ion Ratio Lower Upper
95 100
174 80.8 0.0 141.6
176 74.9 0.0 138.2

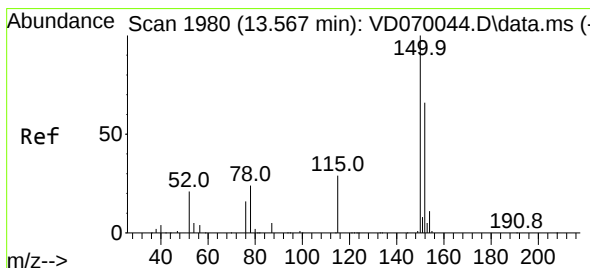
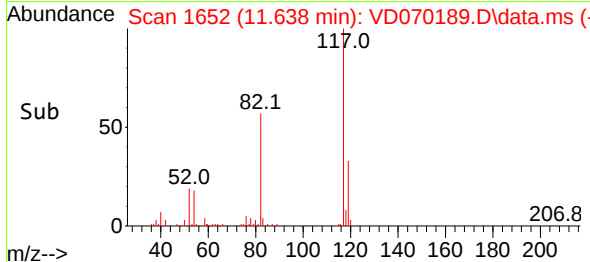
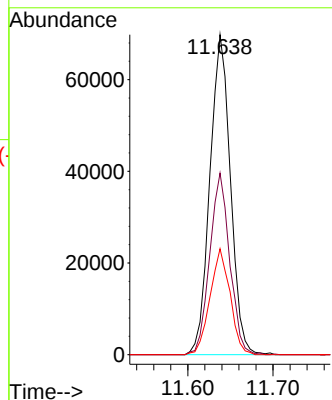
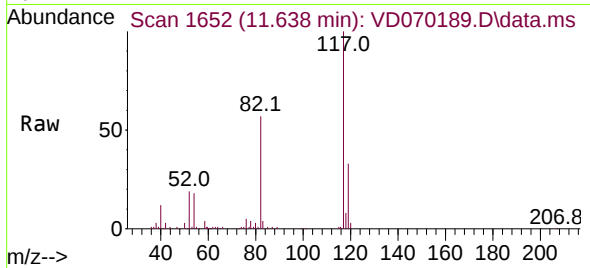




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070189.D
Acq: 20 Aug 2021 03:16

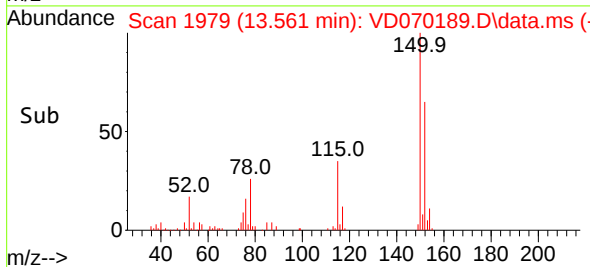
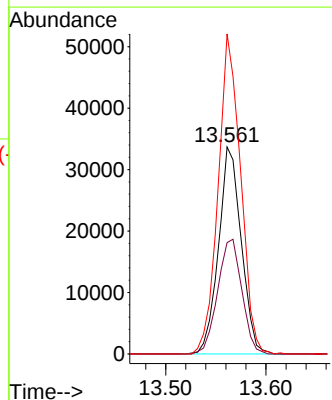
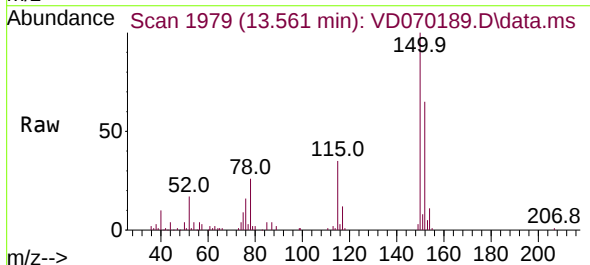
Instrument :
MSVOA_D
ClientSampled :
TP3

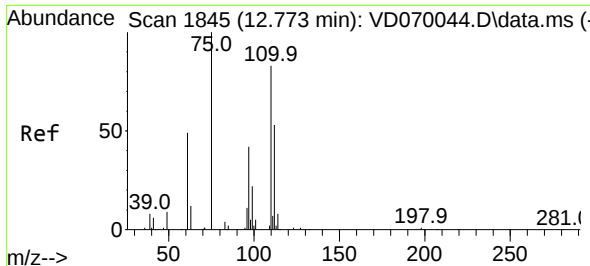
Tgt Ion:117 Resp: 116957
Ion Ratio Lower Upper
117 100
82 56.7 47.5 71.3
119 33.1 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070189.D
Acq: 20 Aug 2021 03:16

Tgt Ion:152 Resp: 52989
Ion Ratio Lower Upper
152 100
115 58.8 31.2 93.6
150 152.5 0.0 352.0

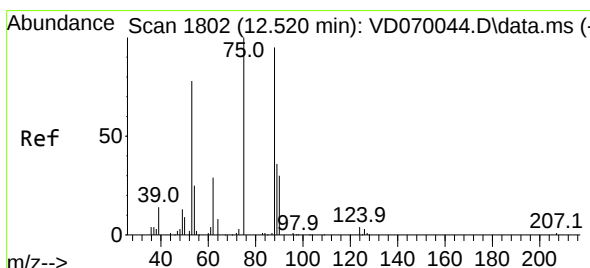
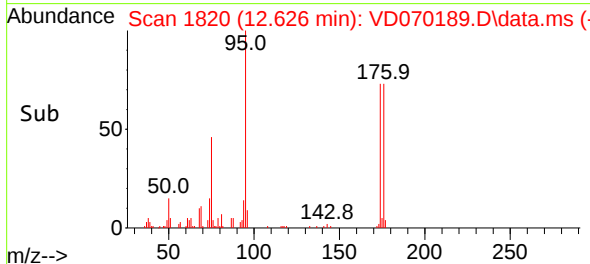
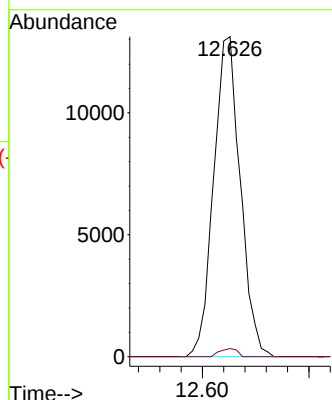
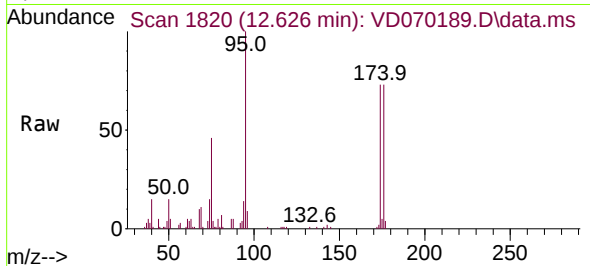




#76
1,2,3-Trichloropropane
Concen: 42.337 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070189.D
Acq: 20 Aug 2021 03:16

Instrument :
MSVOA_D
ClientSampleId :
TP3

Tgt Ion: 75 Resp: 22751
Ion Ratio Lower Upper
75 100
77 1.7 182.4 547.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.891 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070189.D
Acq: 20 Aug 2021 03:16

Tgt Ion: 75 Resp: 22751
Ion Ratio Lower Upper
75 100
53 0.0 64.5 96.7#
89 0.0 33.7 50.5#

