

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091321\
 Data File : VD070326.D
 Acq On : 13 Sep 2021 15:01
 Operator : VA/SY
 Sample : M3715-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-2-091021

Quant Time: Sep 14 00:53:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	2124	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	4174	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	4920	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	2023	50.000	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	2428	89.027	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	178.060%#
35) Dibromofluoromethane	7.909	113	1762	59.304	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.600%
50) Toluene-d8	10.332	98	5086	47.148	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.300%
62) 4-Bromofluorobenzene	12.620	95	1588	42.122	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.240%

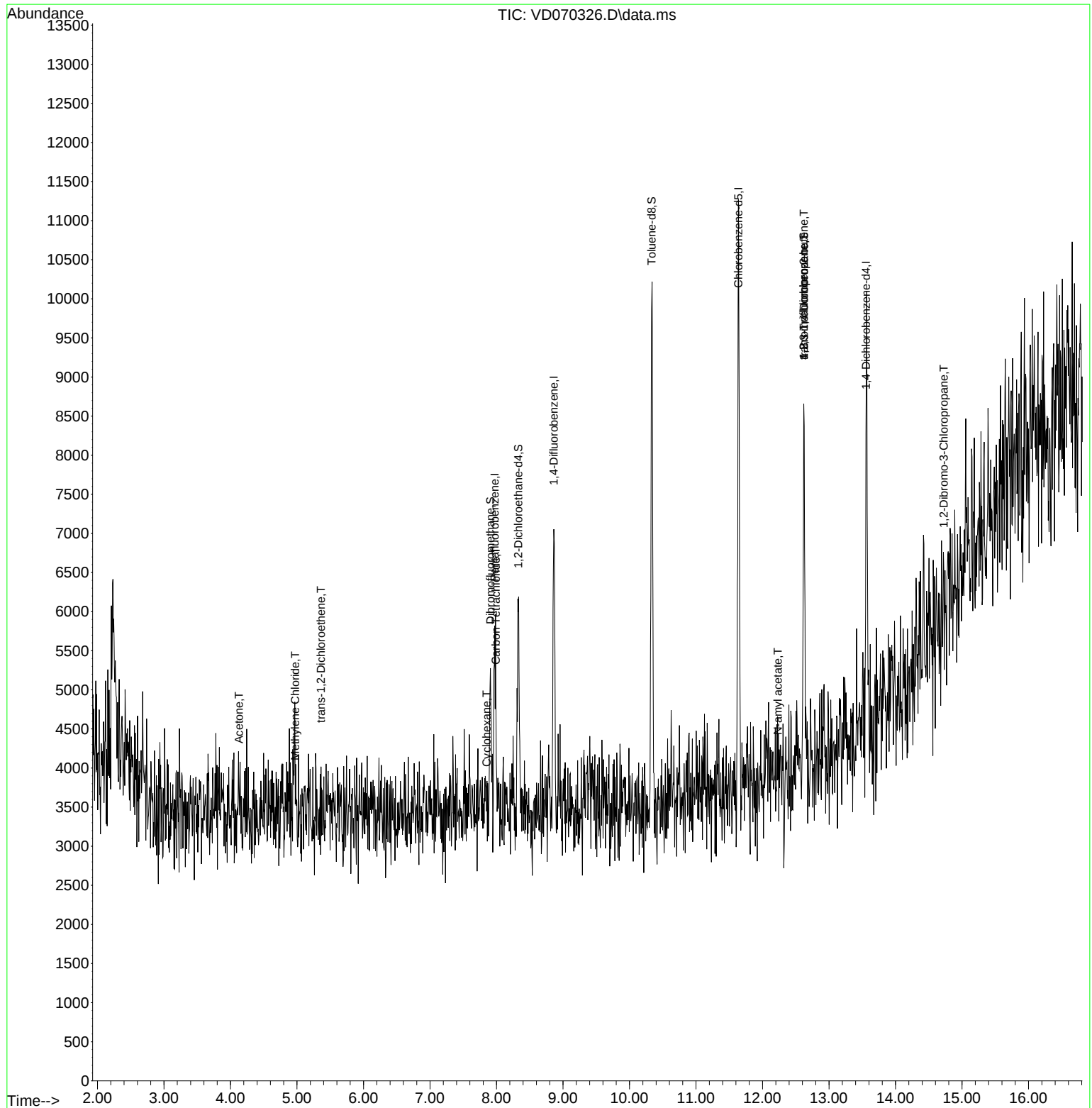
Target Compounds					Qvalue	
5) Bromomethane	2.809	94	66	Below Cal	#	65
16) Acetone	4.126	43	65	13.349	ug/l #	36
20) Methylene Chloride	4.973	84	261	1.565	ug/l #	64
21) trans-1,2-Dichloroethene	5.362	96	60	2.038	ug/l #	1
31) Cyclohexane	7.850	56	67	1.426	ug/l #	14
38) Carbon Tetrachloride	7.991	117	72	1.632	ug/l #	12
74) N-amyl acetate	12.232	43	61	1.973	ug/l #	37
76) 1,2,3-Trichloropropane	12.620	75	997	48.722	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	997	122.078	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	14.726	75	53	11.647	ug/l #	5

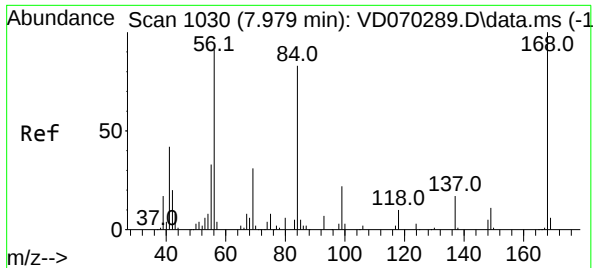
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.02G/5.00ml/MSVOA_D/SOIL
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 09 03:07:09 2021
Response via : Initial Calibration

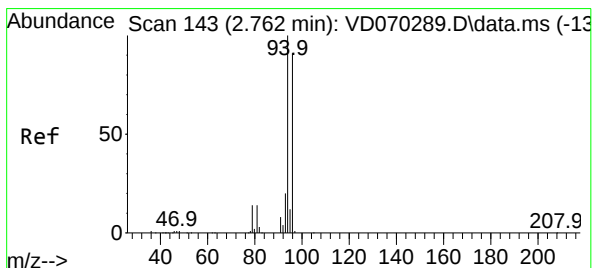
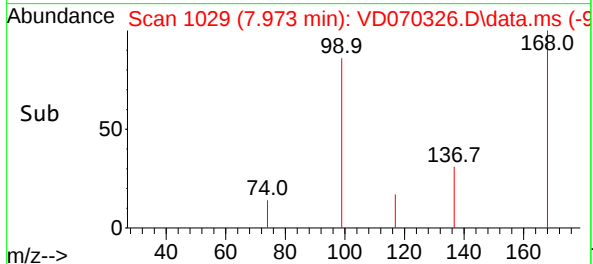
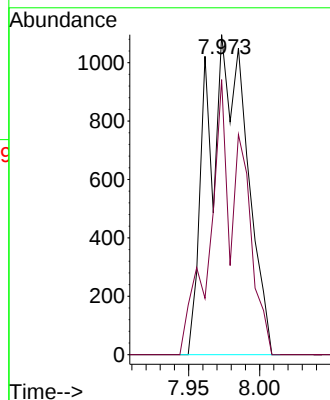
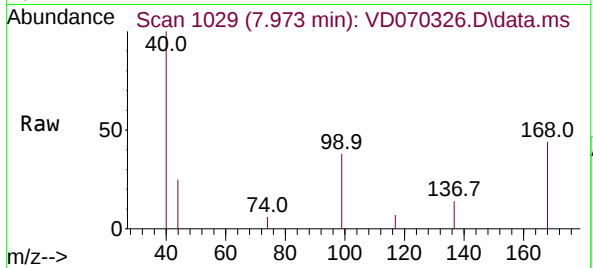




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070326.D
Acq: 13 Sep 2021 15:01

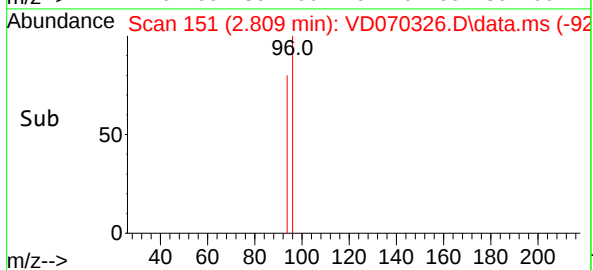
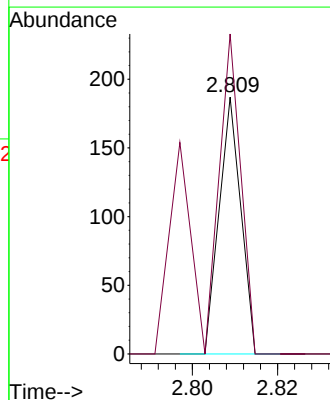
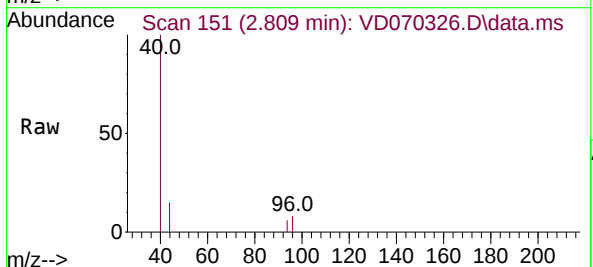
Instrument :
MSVOA_D
ClientSampleId :
CL-2-091021

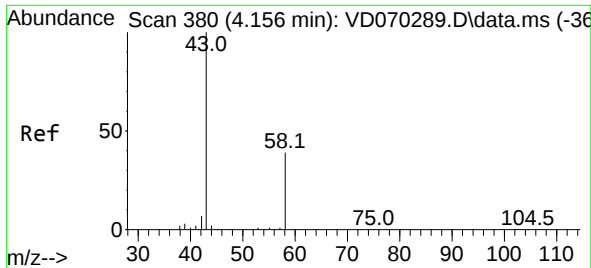
Tgt Ion:168 Resp: 2124
Ion Ratio Lower Upper
168 100
99 85.9 50.8 76.2#



#5
Bromomethane
Concen: Below Cal
RT: 2.809 min Scan# 151
Delta R.T. 0.047 min
Lab File: VD070326.D
Acq: 13 Sep 2021 15:01

Tgt Ion: 94 Resp: 66
Ion Ratio Lower Upper
94 100
96 124.6 73.0 109.6#

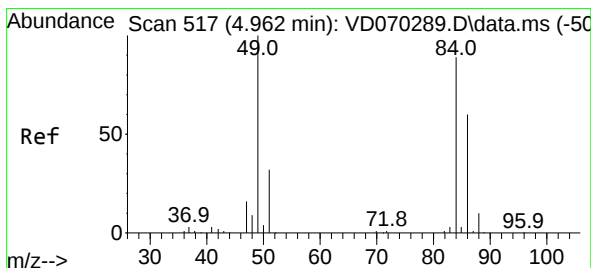
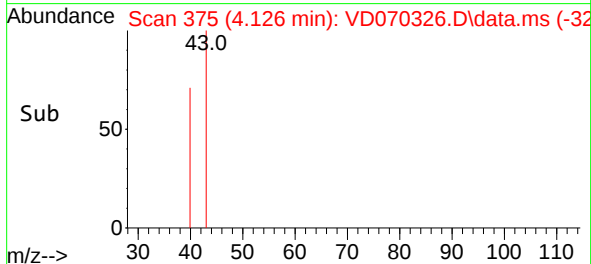
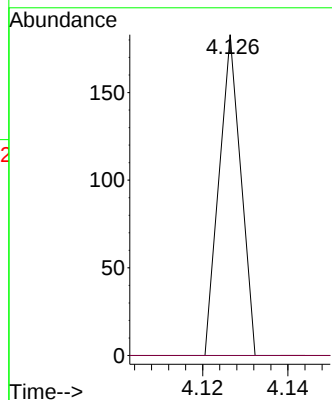
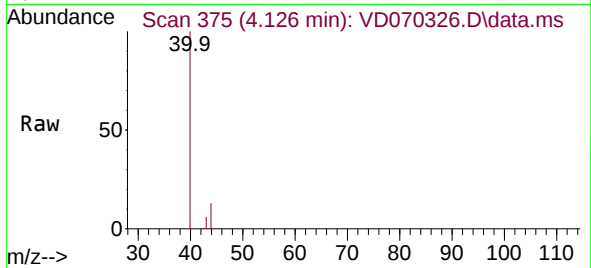




#16
Acetone
Concen: 13.349 ug/l
RT: 4.126 min Scan# 375
Delta R.T. -0.029 min
Lab File: VD070326.D
Acq: 13 Sep 2021 15:01

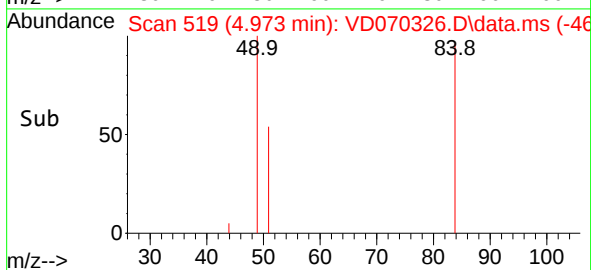
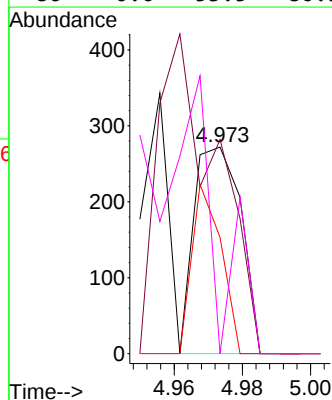
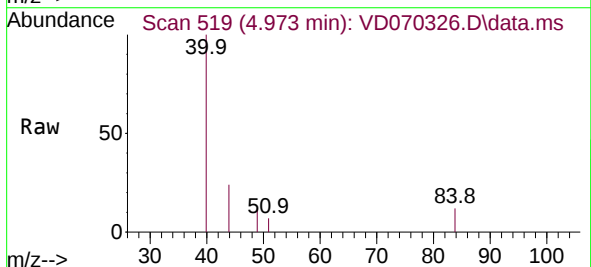
Instrument :
MSVOA_D
ClientSampleId :
CL-2-091021

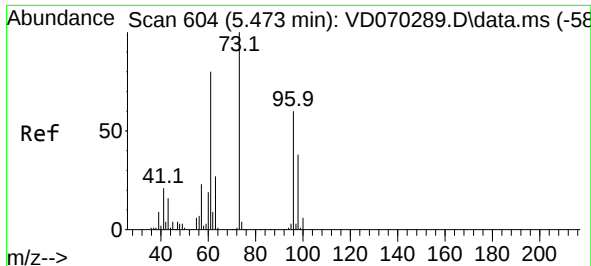
Tgt Ion: 43 Resp: 65
Ion Ratio Lower Upper
43 100
58 0.0 30.9 46.3#



#20
Methylene Chloride
Concen: 1.565 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.011 min
Lab File: VD070326.D
Acq: 13 Sep 2021 15:01

Tgt Ion: 84 Resp: 261
Ion Ratio Lower Upper
84 100
49 103.7 89.6 134.4
51 56.3 28.6 43.0#
86 0.0 53.5 80.3#

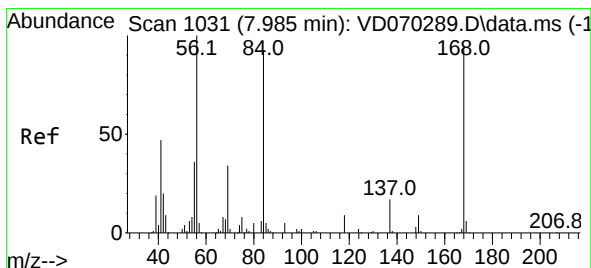
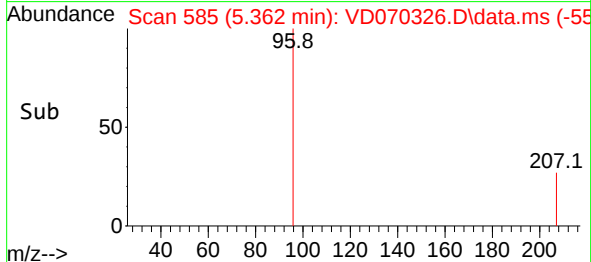
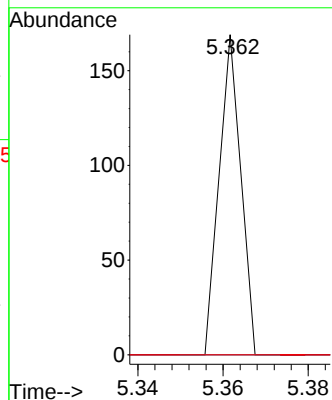
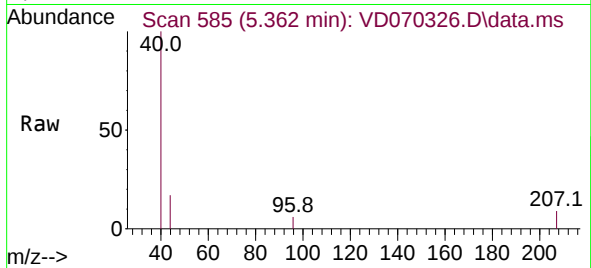




#21
trans-1,2-Dichloroethene
Concen: 2.038 ug/l
RT: 5.362 min Scan# 585
Delta R.T. -0.112 min
Lab File: VD070326.D
Acq: 13 Sep 2021 15:01

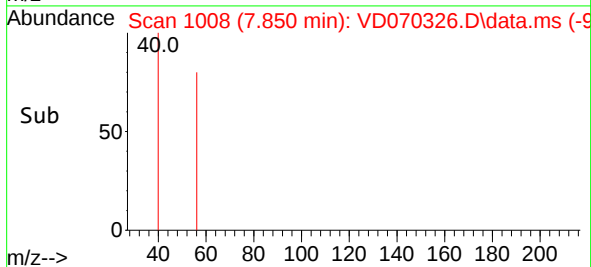
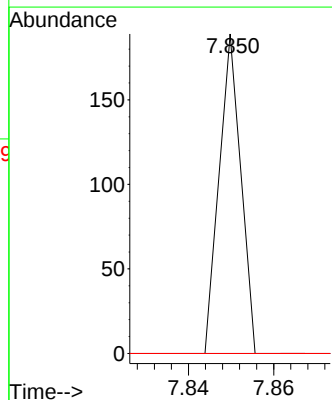
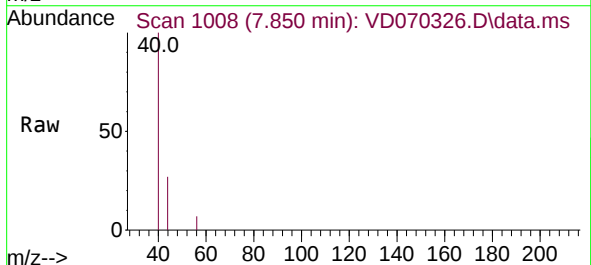
Instrument :
MSVOA_D
ClientSampleId :
CL-2-091021

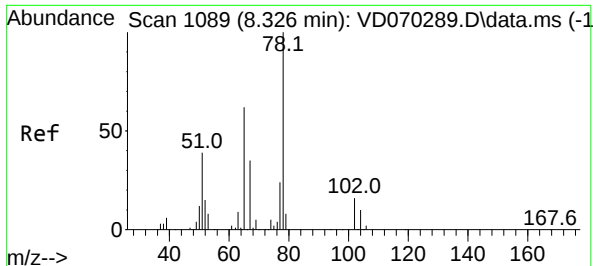
Tgt Ion: 96 Resp: 60
Ion Ratio Lower Upper
96 100
61 0.0 106.0 159.0#
98 0.0 50.5 75.7#



#31
Cyclohexane
Concen: 1.426 ug/l
RT: 7.850 min Scan# 1008
Delta R.T. -0.135 min
Lab File: VD070326.D
Acq: 13 Sep 2021 15:01

Tgt Ion: 56 Resp: 67
Ion Ratio Lower Upper
56 100
69 0.0 26.9 40.3#
84 0.0 73.6 110.4#

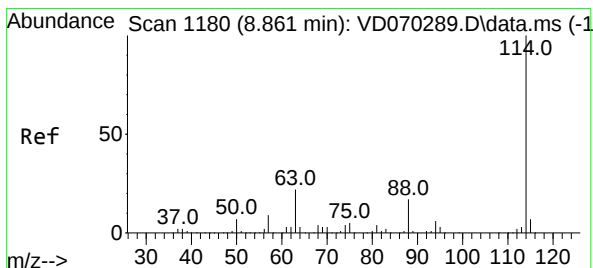
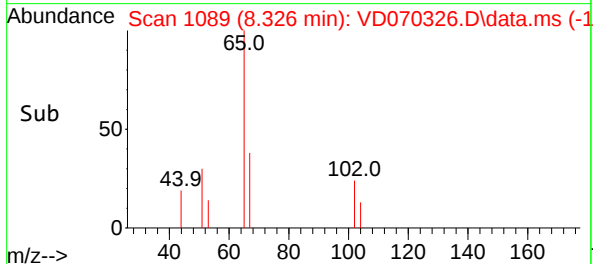
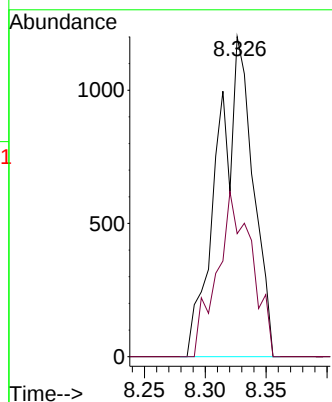
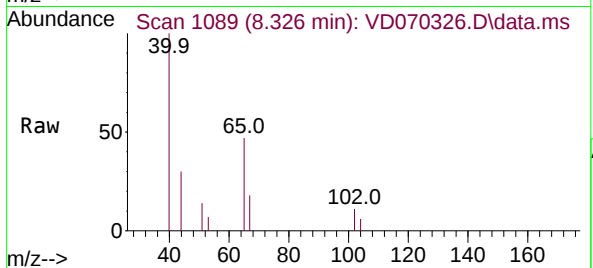




#33
1,2-Dichloroethane-d4
Concen: 89.027 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070326.D
Acq: 13 Sep 2021 15:01

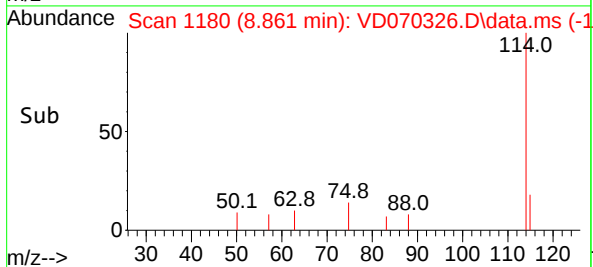
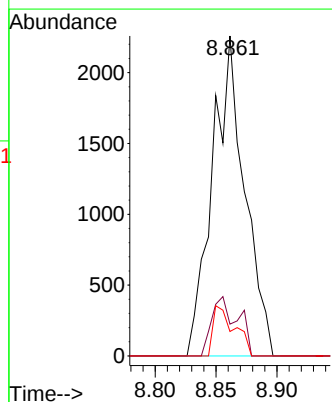
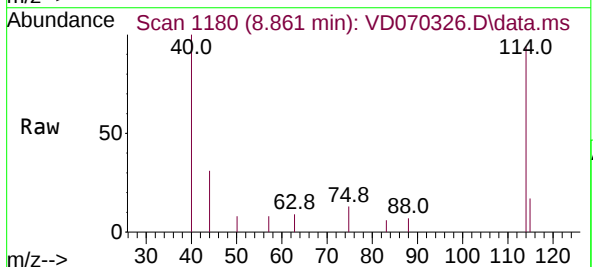
Instrument :
MSVOA_D
ClientSampleId :
CL-2-091021

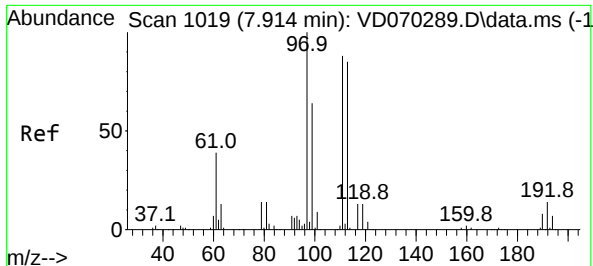
Tgt Ion: 65 Resp: 2428
Ion Ratio Lower Upper
65 100
67 50.7 0.0 111.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070326.D
Acq: 13 Sep 2021 15:01

Tgt Ion:114 Resp: 4174
Ion Ratio Lower Upper
114 100
63 10.0 0.0 43.4
88 7.7 0.0 33.4





#35

Dibromofluoromethane

Concen: 59.304 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070326.D

Acq: 13 Sep 2021 15:01

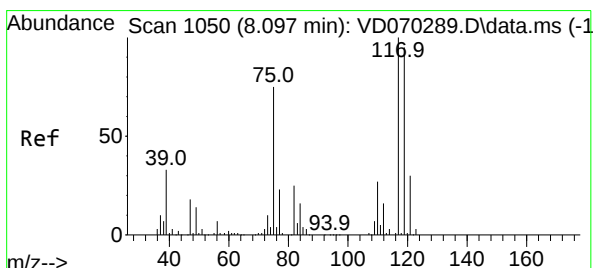
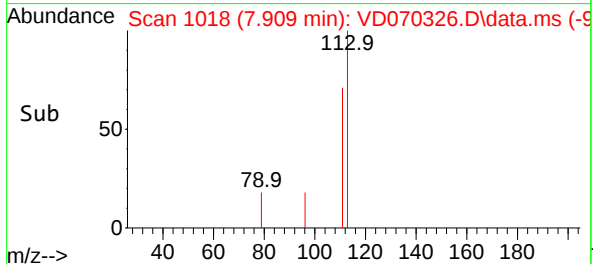
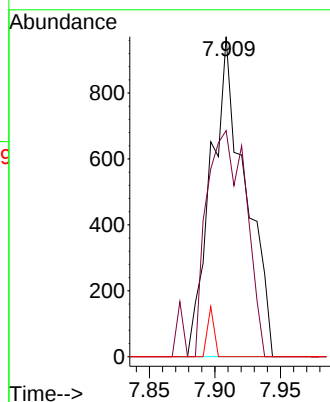
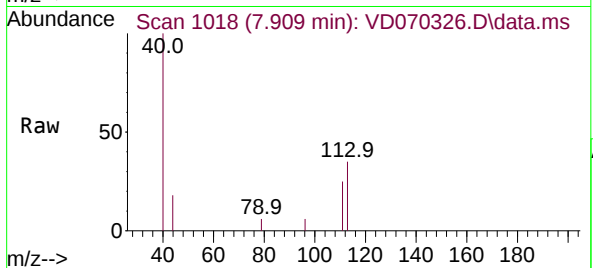
Instrument :

MSVOA_D

ClientSampleId :

CL-2-091021

Tgt Ion:113	Resp:	1762
Ion	Ratio	Lower Upper
113	100	
111	84.4	81.4 122.2
192	3.1	13.0 19.6#



#38

Carbon Tetrachloride

Concen: 1.632 ug/l

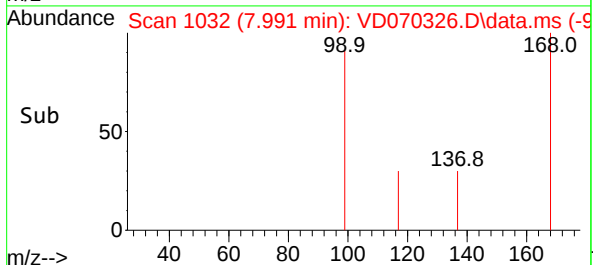
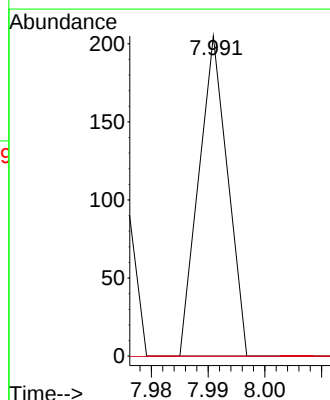
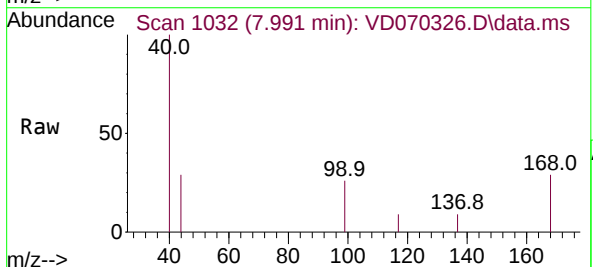
RT: 7.991 min Scan# 1032

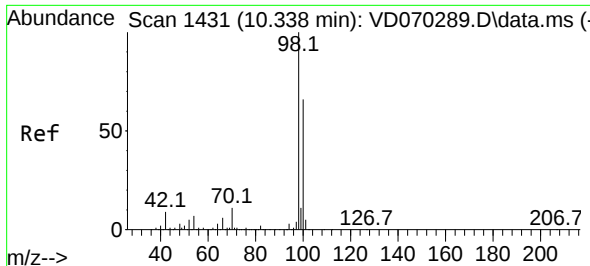
Delta R.T. -0.106 min

Lab File: VD070326.D

Acq: 13 Sep 2021 15:01

Tgt Ion:117	Resp:	72
Ion	Ratio	Lower Upper
117	100	
119	0.0	76.1 114.1#
121	0.0	23.8 35.6#

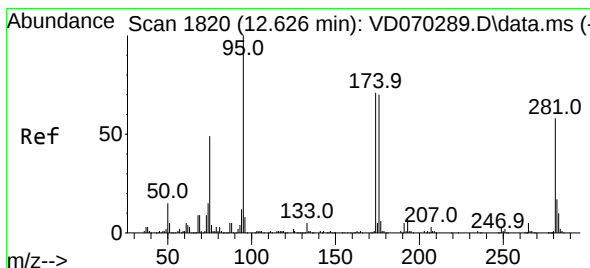
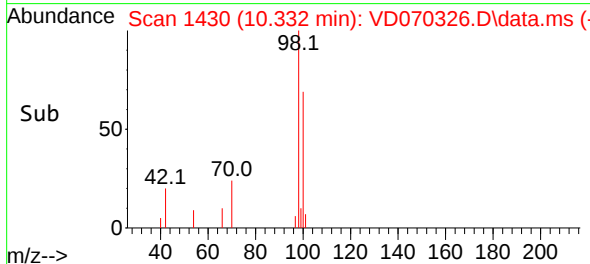
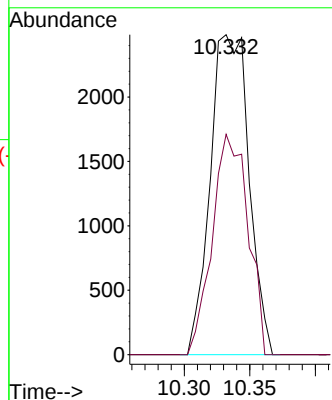
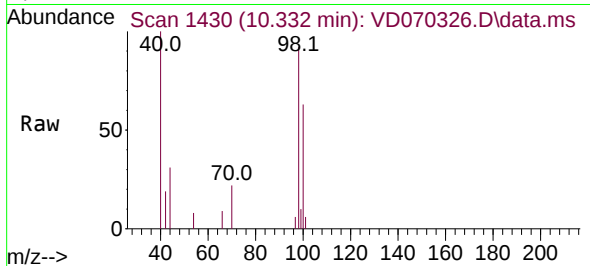




#50
Toluene-d8
Concen: 47.148 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070326.D
Acq: 13 Sep 2021 15:01

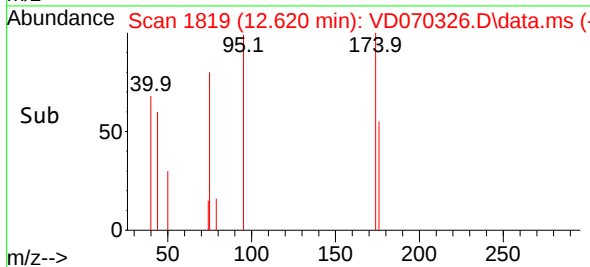
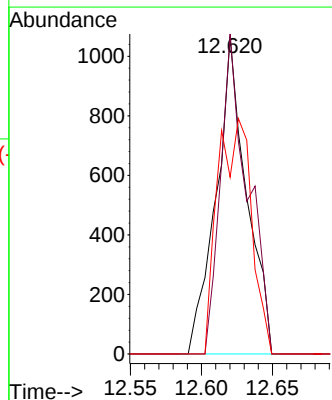
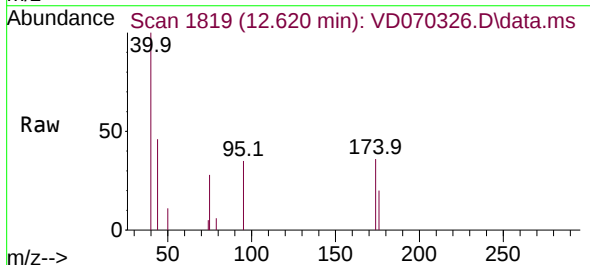
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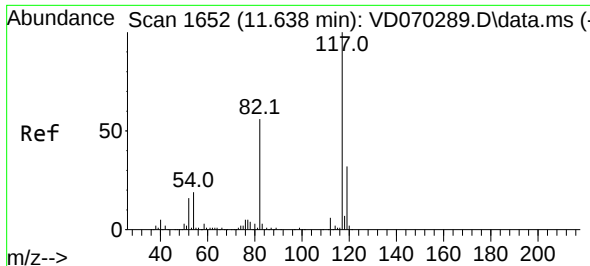
Tgt Ion: 98 Resp: 5086
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.122 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070326.D
Acq: 13 Sep 2021 15:01

Tgt Ion: 95 Resp: 1588
Ion Ratio Lower Upper
95 100
174 89.9 0.0 140.6
176 82.7 0.0 137.4

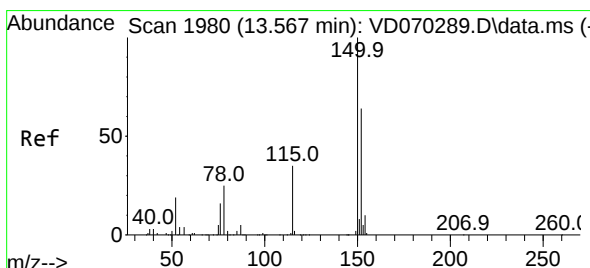
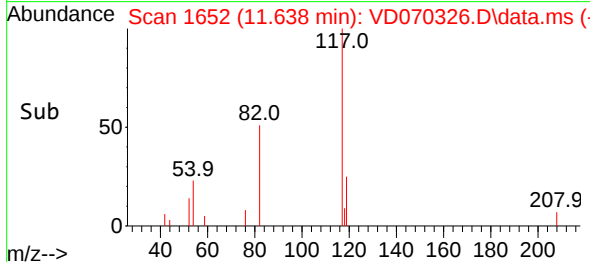
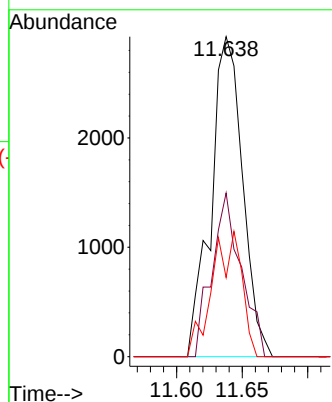
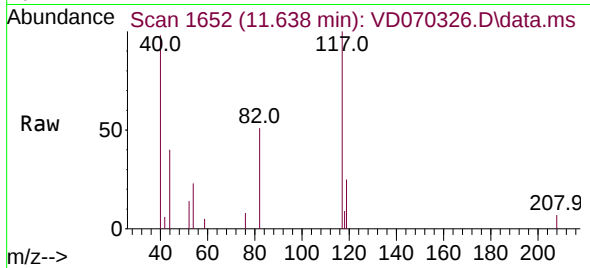




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070326.D
Acq: 13 Sep 2021 15:01

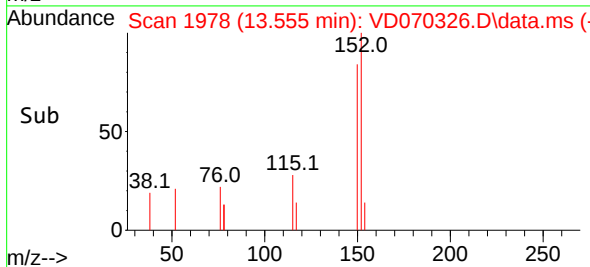
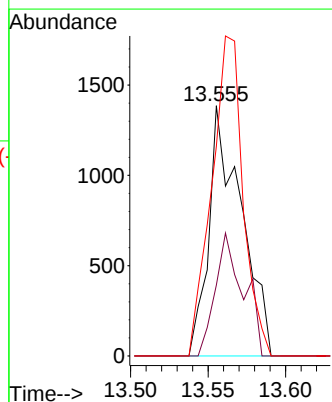
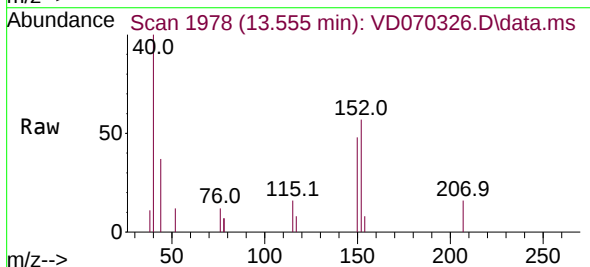
Instrument :
MSVOA_D
ClientSampleId :
CL-2-091021

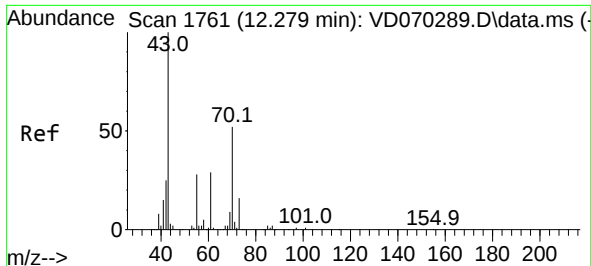
Tgt Ion:117 Resp: 4920
Ion Ratio Lower Upper
117 100
82 51.1 45.0 67.4
119 24.7 25.2 37.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. -0.012 min
Lab File: VD070326.D
Acq: 13 Sep 2021 15:01

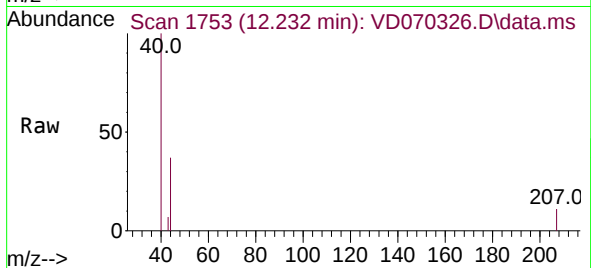
Tgt Ion:152 Resp: 2023
Ion Ratio Lower Upper
152 100
115 42.2 32.1 96.3
150 123.5 0.0 350.6



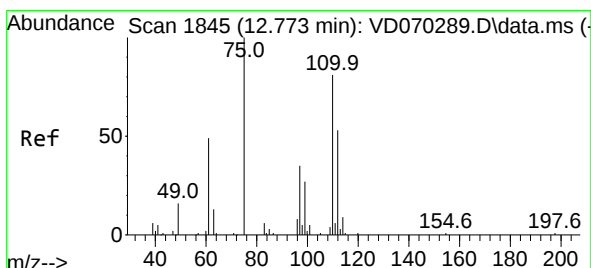
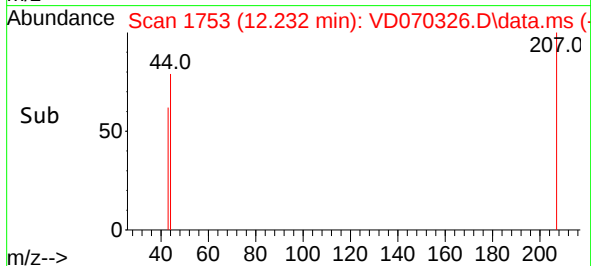
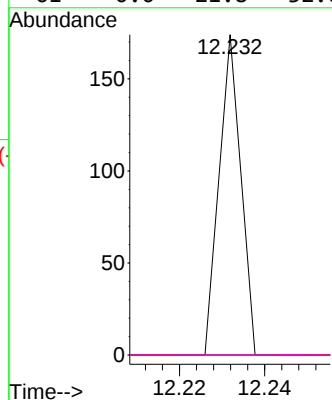


#74
N-amy1 acetate
Concen: 1.973 ug/l
RT: 12.232 min Scan# 1753
Delta R.T. -0.047 min
Lab File: VD070326.D
Acq: 13 Sep 2021 15:01

Instrument :
MSVOA_D
ClientSampleId :
CL-2-091021

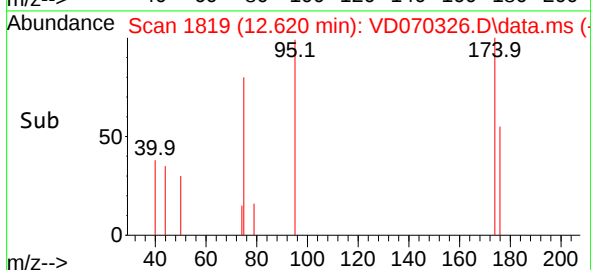
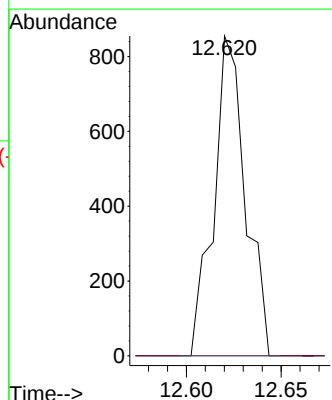
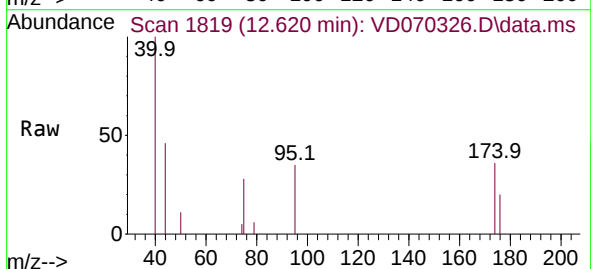


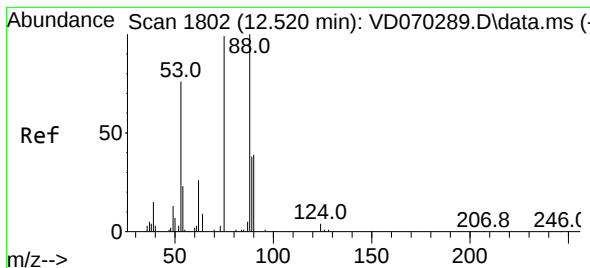
Tgt Ion:	43	Resp:	61
Ion	Ratio	Lower	Upper
43	100		
70	0.0	41.4	62.0#
55	0.0	22.8	34.2#
61	0.0	21.8	32.6#



#76
1,2,3-Trichloropropane
Concen: 48.722 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD070326.D
Acq: 13 Sep 2021 15:01

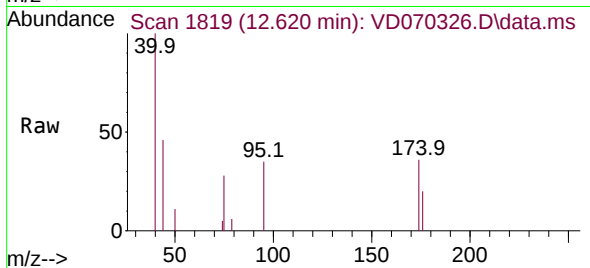
Tgt Ion:	75	Resp:	997
Ion	Ratio	Lower	Upper
75	100		
77	0.0	174.9	524.7#



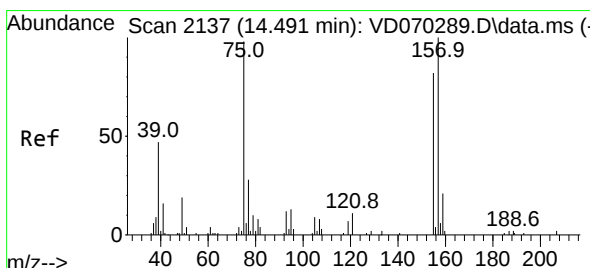
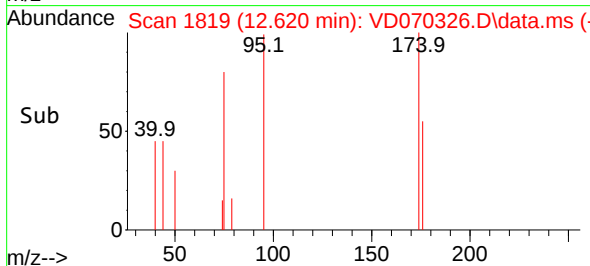
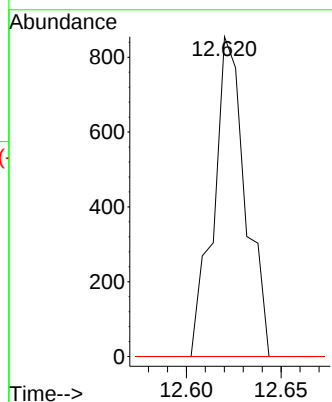


#81
trans-1,4-Dichloro-2-butene
Concen: 122.078 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070326.D
Acq: 13 Sep 2021 15:01

Instrument :
MSVOA_D
ClientSampled :
CL-2-091021



Tgt Ion: 75 Resp: 997
Ion Ratio Lower Upper
75 100
53 0.0 64.2 96.2#
89 0.0 35.6 53.4#



#92
1,2-Dibromo-3-Chloropropane
Concen: 11.647 ug/l
RT: 14.726 min Scan# 2177
Delta R.T. 0.235 min
Lab File: VD070326.D
Acq: 13 Sep 2021 15:01

Tgt Ion: 75 Resp: 53
Ion Ratio Lower Upper
75 100
155 0.0 40.3 120.9#
157 0.0 48.9 146.6#

