

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031921\
 Data File : VN066289.D
 Acq On : 19 Mar 2021 18:35
 Operator : JC/MD
 Sample : M1719-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 99-2

Quant Time: Mar 20 05:01:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031621W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 17 05:05:15 2021
 Response via : Initial Calibration

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

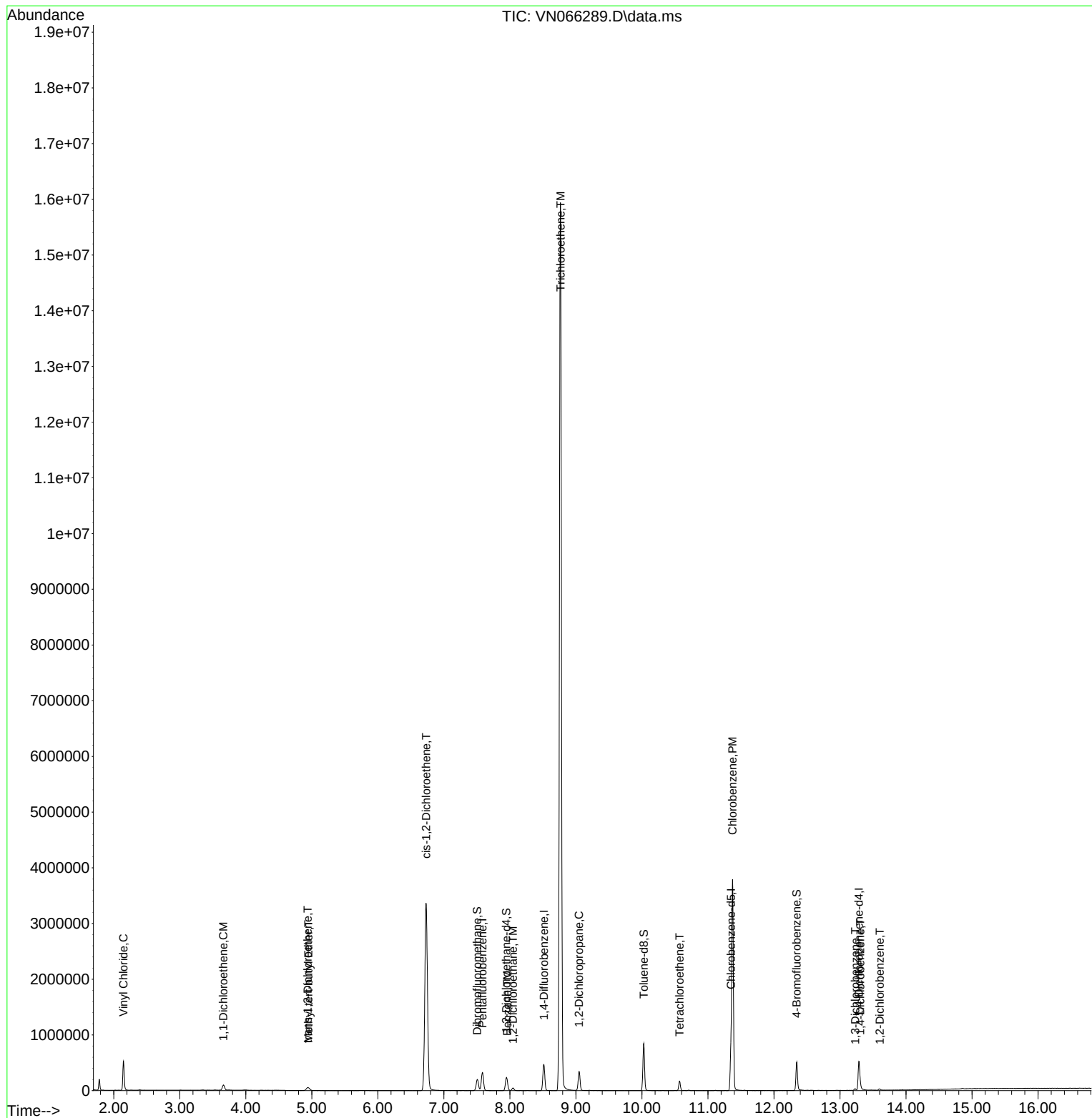
Internal Standards						
1) Pentafluorobenzene	7.585	168	289080	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	425539	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	405502	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	152896	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	190958	45.85	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.70%
35) Dibromofluoromethane	7.507	113	157612	58.06	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	116.12%
50) Toluene-d8	10.028	98	575011	54.78	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	109.56%
62) 4-Bromofluorobenzene	12.345	95	176309	46.60	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.20%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.148	62	478092	116.46	ug/l	99
12) 1,1-Dichloroethene	3.661	96	45158	16.64	ug/l	94
19) Methyl tert-butyl Ether	4.948	73	54099	5.21	ug/l	96
21) trans-1,2-Dichloroethene	4.937	96	12790	4.25	ug/l	82
27) cis-1,2-Dichloroethene	6.732	96	2275974	656.55	ug/l	75
40) Benzene	7.960	78	15118	1.17	ug/l #	89
42) 1,2-Dichloroethane	8.048	62	43289	9.22	ug/l	99
44) Trichloroethene	8.767	130	6242337	1985.04	ug/l	91
45) 1,2-Dichloropropane	9.049	63	149309	39.88	ug/l	100
64) Tetrachloroethene	10.572	164	43147	12.83	ug/l	97
65) Chlorobenzene	11.374	112	2152943	264.61	ug/l	100
87) 1,3-Dichlorobenzene	13.230	146	13750	2.89	ug/l	94
88) 1,4-Dichlorobenzene	13.308	146	30673	6.15	ug/l	96
91) 1,2-Dichlorobenzene	13.603	146	10712	2.28	ug/l	92

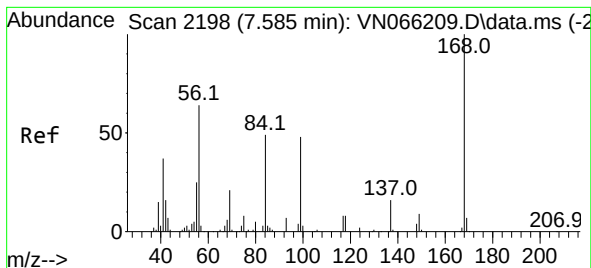
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.585 min Scan# 2198

Delta R.T. -0.000 min

Lab File: VN066289.D

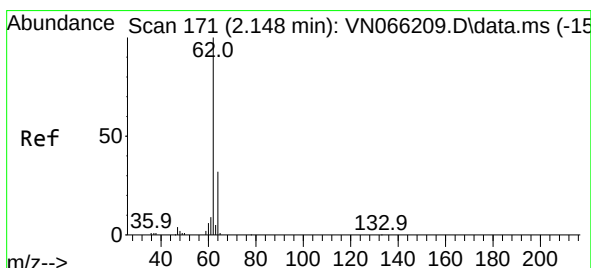
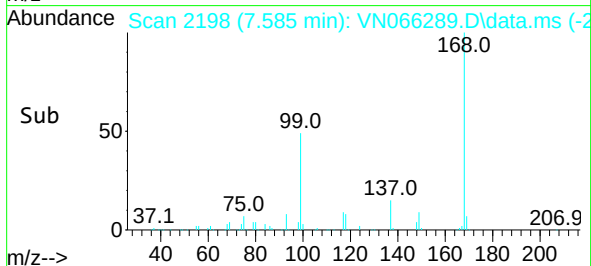
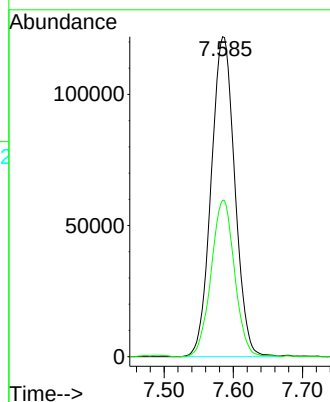
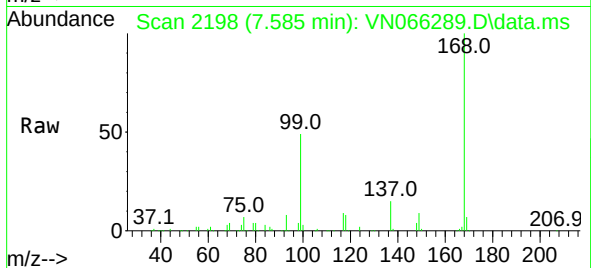
Acq: 19 Mar 2021 18:35

Tgt Ion:168 Resp: 289080

Ion Ratio Lower Upper

168 100

99 48.9 45.4 68.0



#4

Vinyl Chloride

Concen: 116.46 ug/l

RT: 2.148 min Scan# 171

Delta R.T. 0.000 min

Lab File: VN066289.D

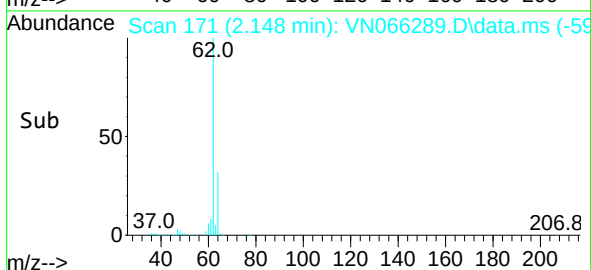
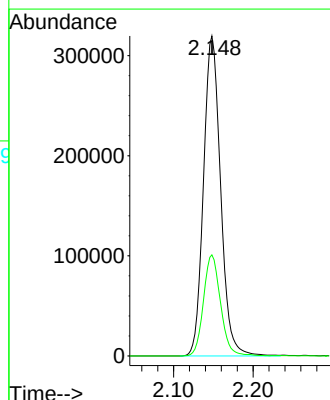
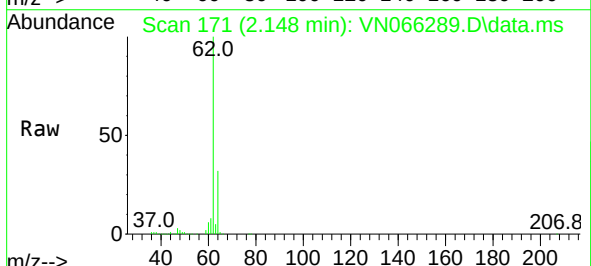
Acq: 19 Mar 2021 18:35

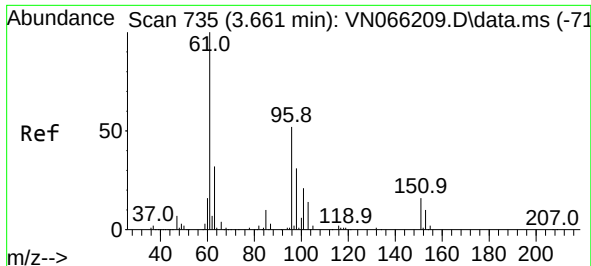
Tgt Ion: 62 Resp: 478092

Ion Ratio Lower Upper

62 100

64 31.6 24.9 37.3

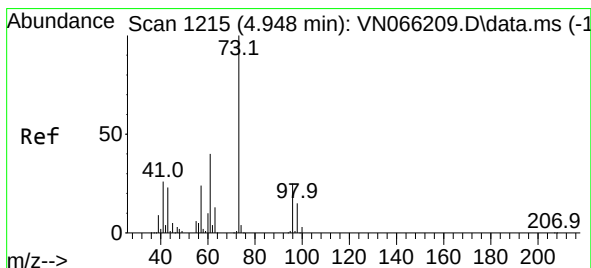
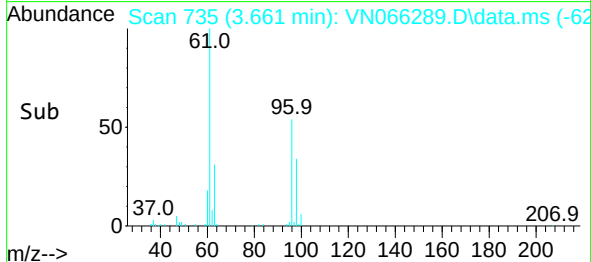
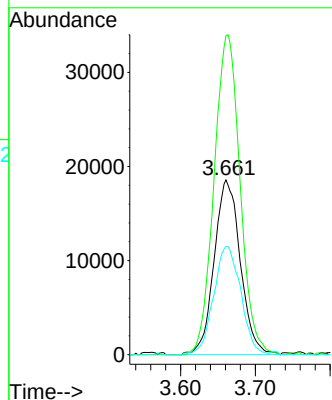
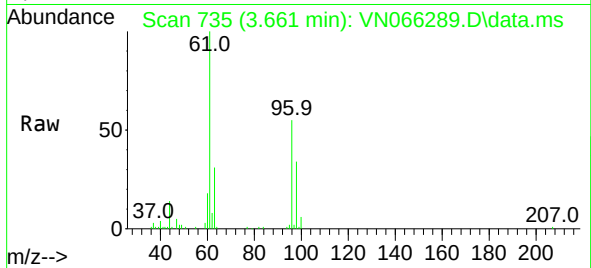




#12
1,1-Dichloroethene
Concen: 16.64 ug/l
RT: 3.661 min Scan# 735
Delta R.T. -0.000 min
Lab File: VN066289.D
Acq: 19 Mar 2021 18:35

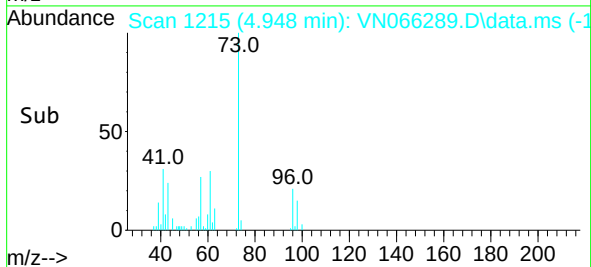
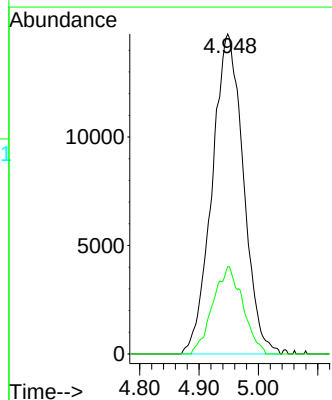
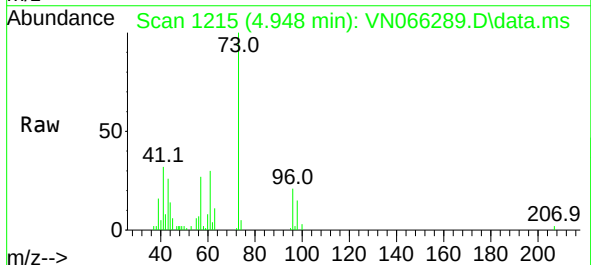
Instrument :
MSVOA_N
ClientSampled :
99-2

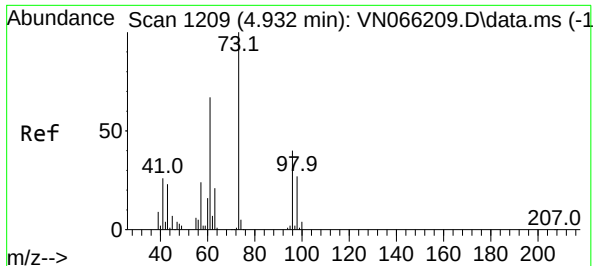
Tgt Ion: 96 Resp: 45158
Ion Ratio Lower Upper
96 100
61 182.5 155.4 233.2
98 61.9 50.8 76.2



#19
Methyl tert-butyl Ether
Concen: 5.21 ug/l
RT: 4.948 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN066289.D
Acq: 19 Mar 2021 18:35

Tgt Ion: 73 Resp: 54099
Ion Ratio Lower Upper
73 100
57 27.3 20.3 30.5

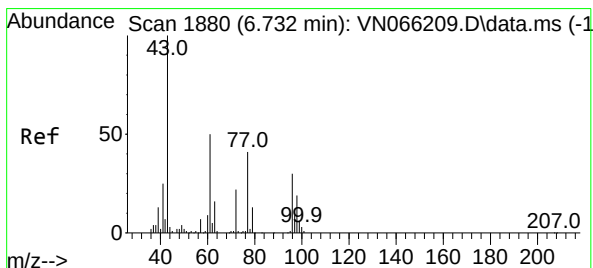
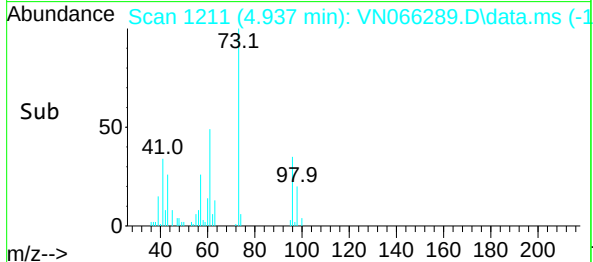
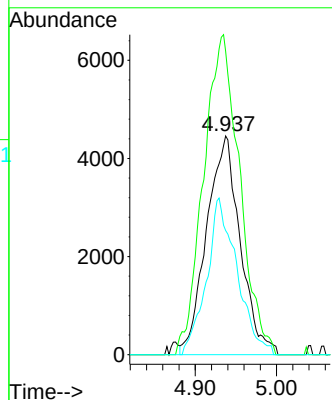
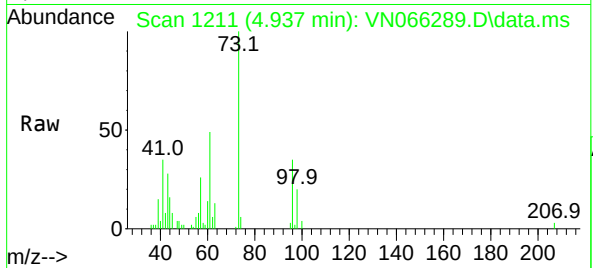




#21
trans-1,2-Dichloroethene
Concen: 4.25 ug/l
RT: 4.937 min Scan# 1211
Delta R.T. 0.005 min
Lab File: VN066289.D
Acq: 19 Mar 2021 18:35

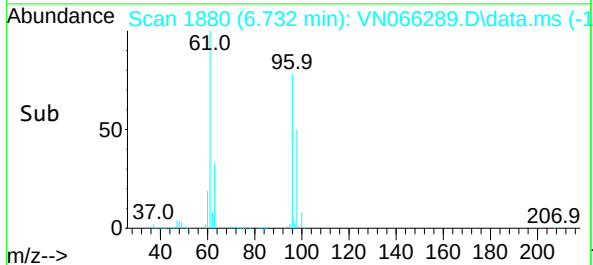
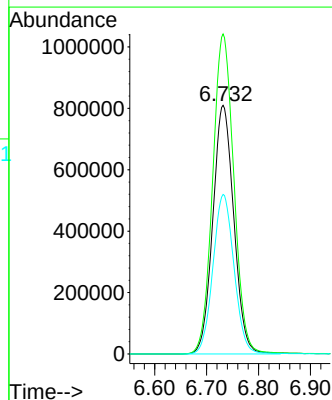
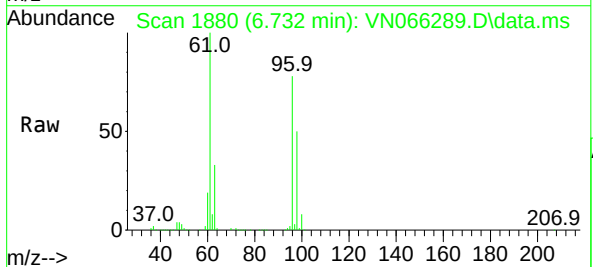
Instrument :
MSVOA_N
ClientSampled :
99-2

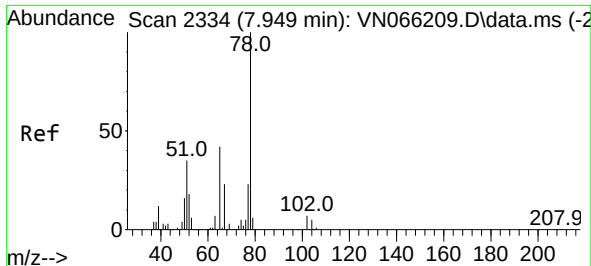
Tgt Ion: 96 Resp: 12790
Ion Ratio Lower Upper
96 100
61 138.7 133.2 199.8
98 56.7 52.0 78.0



#27
cis-1,2-Dichloroethene
Concen: 656.55 ug/l
RT: 6.732 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN066289.D
Acq: 19 Mar 2021 18:35

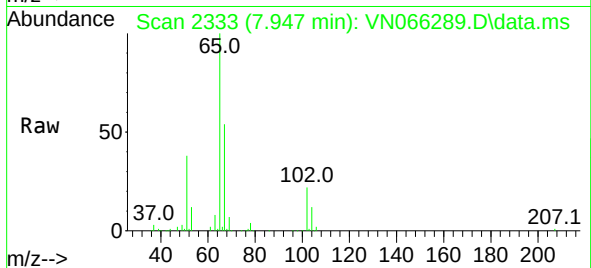
Tgt Ion: 96 Resp: 2275974
Ion Ratio Lower Upper
96 100
61 129.8 0.0 350.8
98 64.4 0.0 125.0



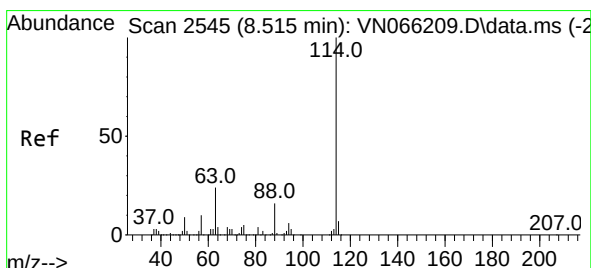
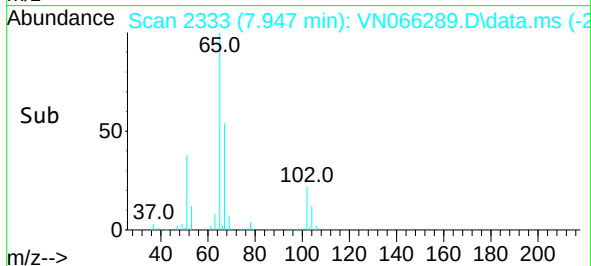
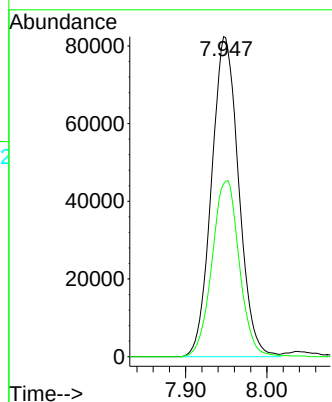


#33
 1,2-Dichloroethane-d4
 Concen: 45.85 ug/l
 RT: 7.947 min Scan# 2333
 Delta R.T. -0.002 min
 Lab File: VN066289.D
 Acq: 19 Mar 2021 18:35

Instrument :
 MSVOA_N
 ClientSampled :
 99-2

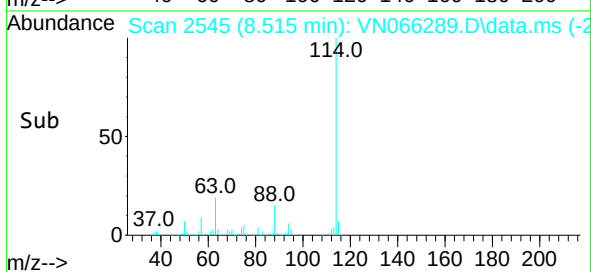
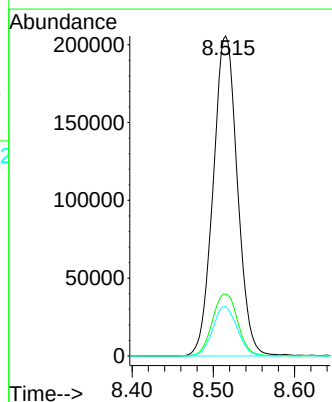
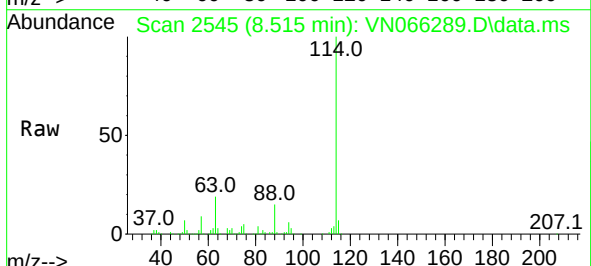


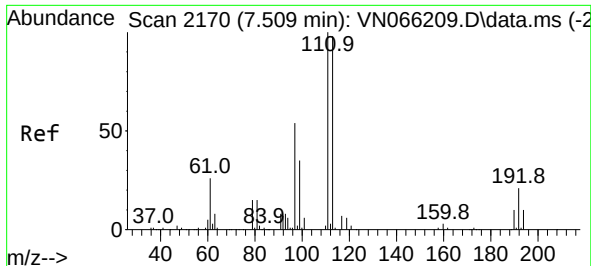
Tgt Ion: 65 Resp: 190958
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.515 min Scan# 2545
 Delta R.T. 0.000 min
 Lab File: VN066289.D
 Acq: 19 Mar 2021 18:35

Tgt Ion: 114 Resp: 425539
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 49.2
 88 15.5 0.0 33.8

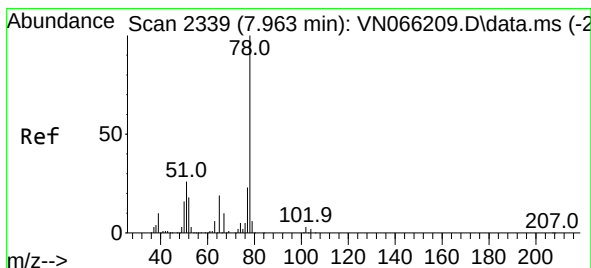
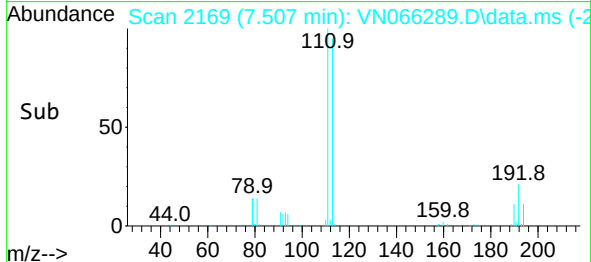
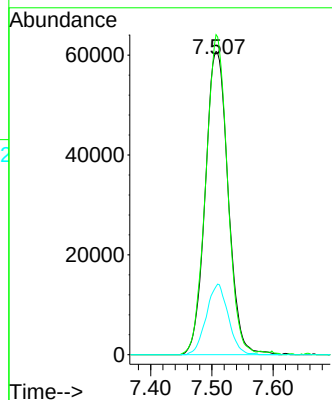
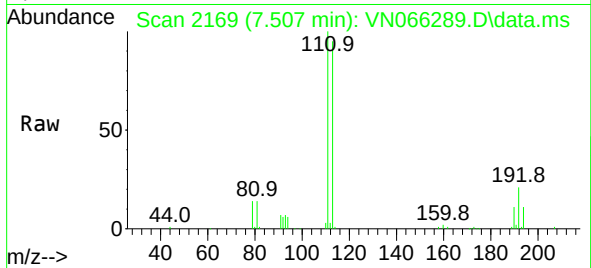




#35
Dibromofluoromethane
Concen: 58.06 ug/l
RT: 7.507 min Scan# 2169
Delta R.T. -0.002 min
Lab File: VN066289.D
Acq: 19 Mar 2021 18:35

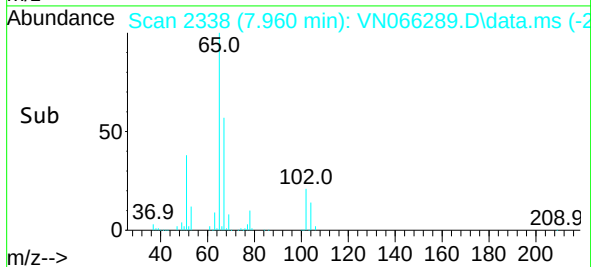
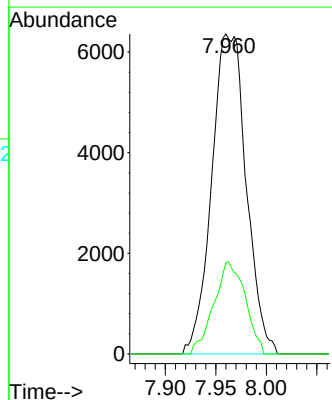
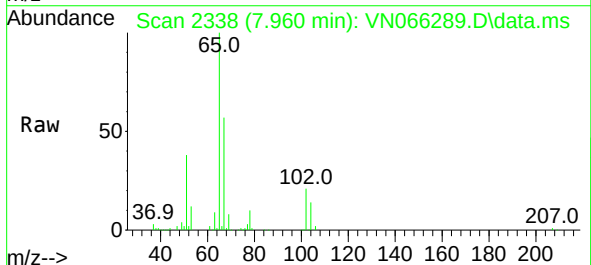
Instrument :
MSVOA_N
ClientSampled :
99-2

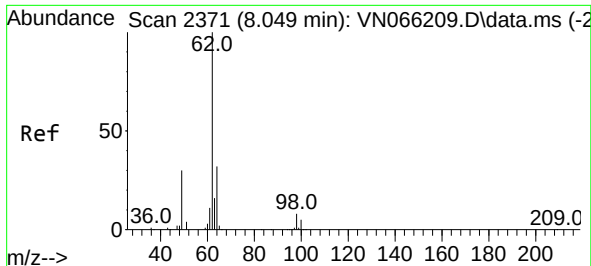
Tgt Ion:	113	Resp:	157612
Ion Ratio	Lower	Upper	
113	100		
111	100.5	84.0	126.0
192	22.2	16.7	25.1



#40
Benzene
Concen: 1.17 ug/l
RT: 7.960 min Scan# 2338
Delta R.T. -0.003 min
Lab File: VN066289.D
Acq: 19 Mar 2021 18:35

Tgt Ion:	78	Resp:	15118
Ion Ratio	Lower	Upper	
78	100		
77	28.6	18.5	27.7#

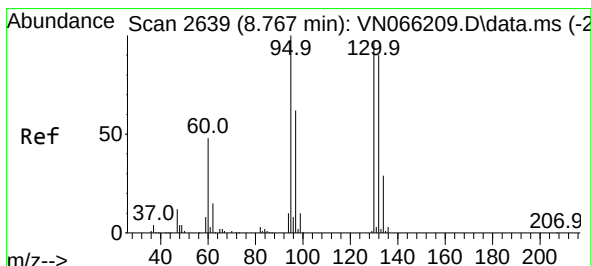
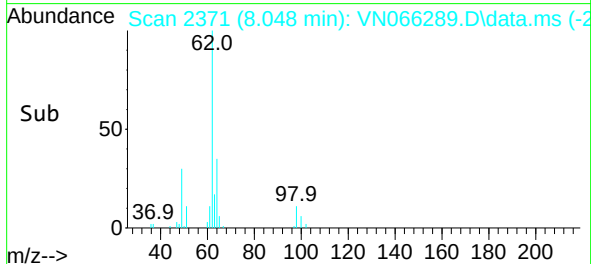
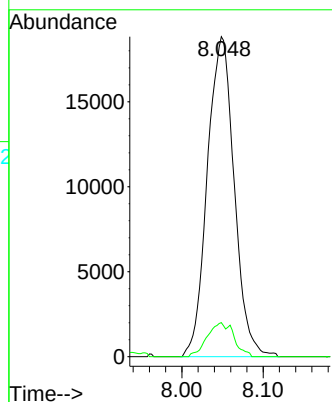
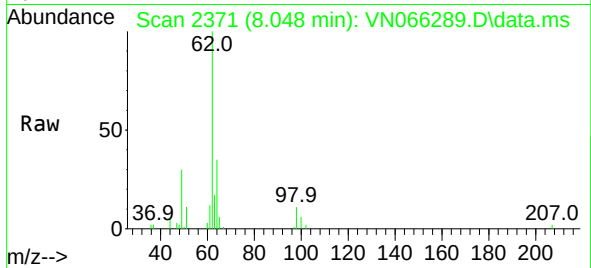




#42
1,2-Dichloroethane
Concen: 9.22 ug/l
RT: 8.048 min Scan# 2371
Delta R.T. -0.001 min
Lab File: VN066289.D
Acq: 19 Mar 2021 18:35

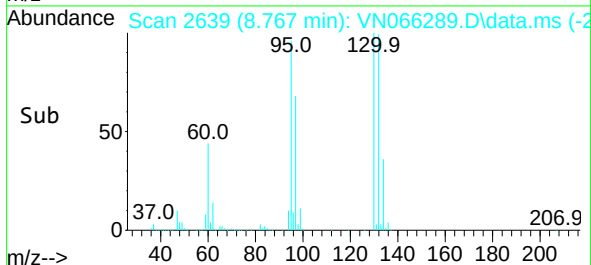
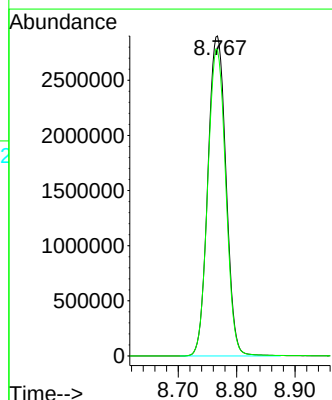
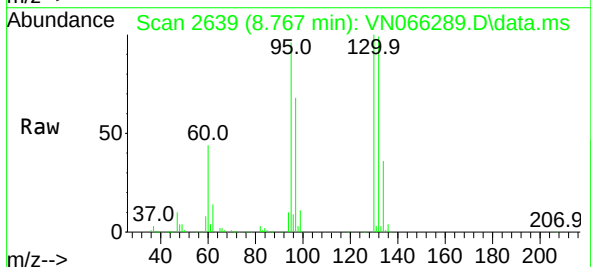
Instrument :
MSVOA_N
ClientSampled :
99-2

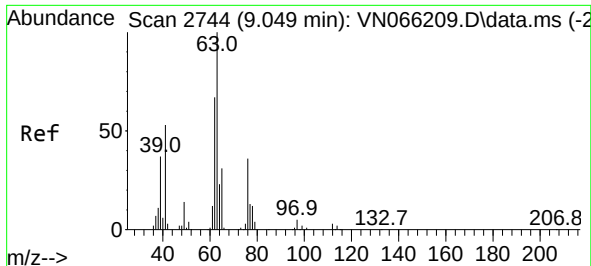
Tgt Ion: 62 Resp: 43289
Ion Ratio Lower Upper
62 100
98 7.2 0.0 14.8



#44
Trichloroethene
Concen: 1985.04 ug/l
RT: 8.767 min Scan# 2639
Delta R.T. 0.000 min
Lab File: VN066289.D
Acq: 19 Mar 2021 18:35

Tgt Ion:130 Resp: 6242337
Ion Ratio Lower Upper
130 100
95 95.6 0.0 210.2

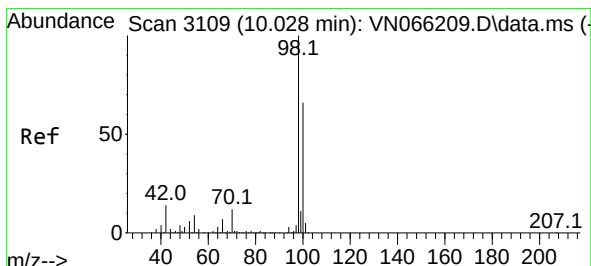
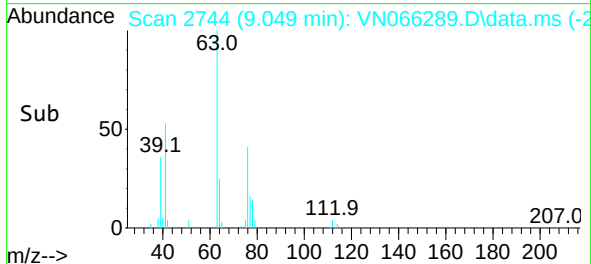
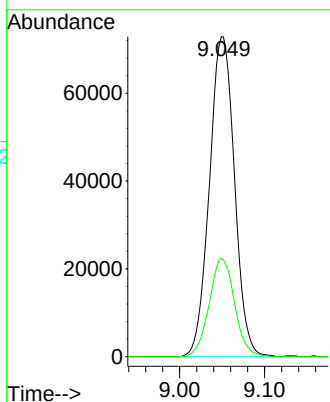
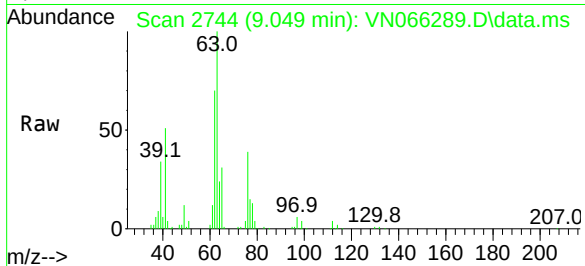




#45
1,2-Dichloropropane
Concen: 39.88 ug/l
RT: 9.049 min Scan# 2744
Delta R.T. -0.000 min
Lab File: VN066289.D
Acq: 19 Mar 2021 18:35

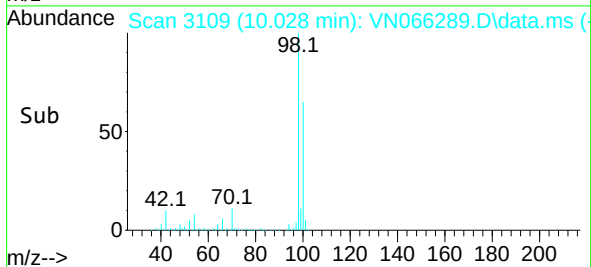
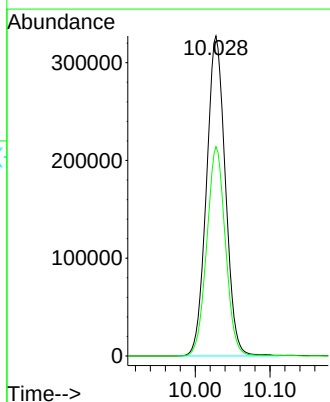
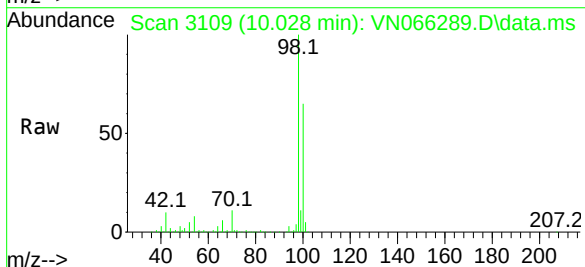
Instrument :
MSVOA_N
ClientSampled :
99-2

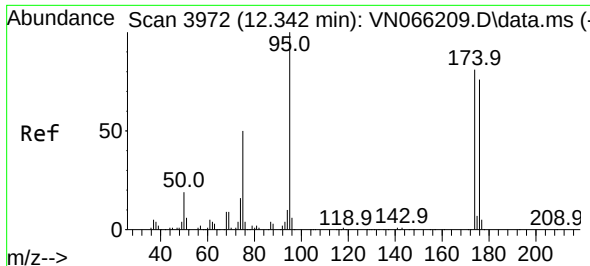
Tgt Ion: 63 Resp: 149309
Ion Ratio Lower Upper
63 100
65 30.8 24.6 37.0



#50
Toluene-d8
Concen: 54.78 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066289.D
Acq: 19 Mar 2021 18:35

Tgt Ion: 98 Resp: 575011
Ion Ratio Lower Upper
98 100
100 64.5 51.0 76.6

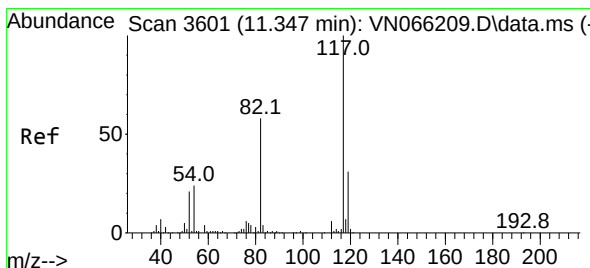
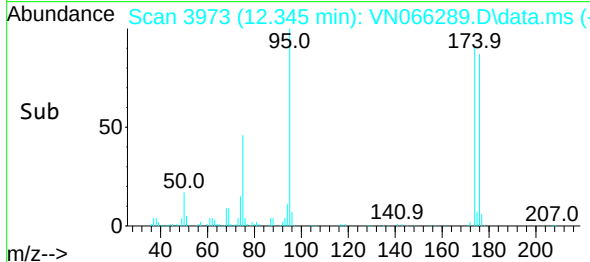
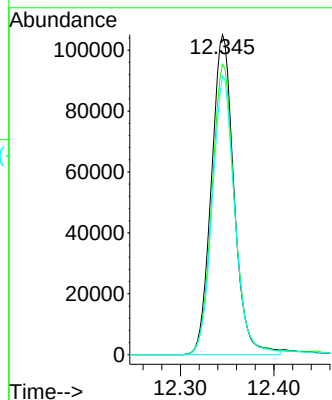
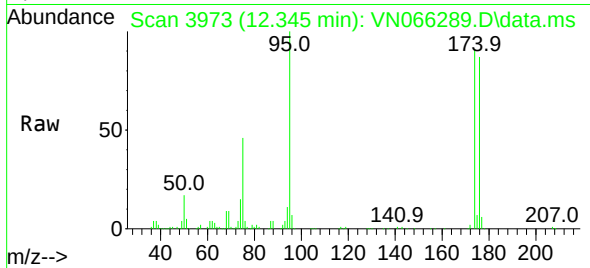




#62
4-Bromofluorobenzene
Concen: 46.60 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.003 min
Lab File: VN066289.D
Acq: 19 Mar 2021 18:35

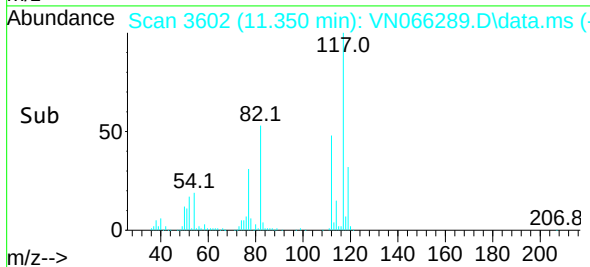
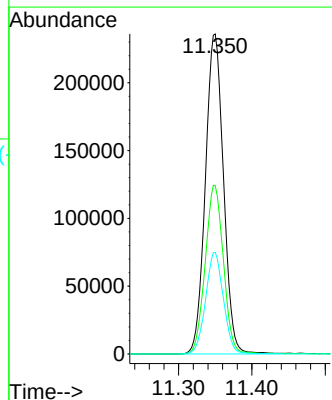
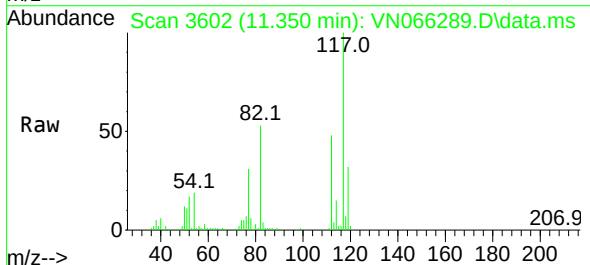
Instrument :
MSVOA_N
ClientSampled :
99-2

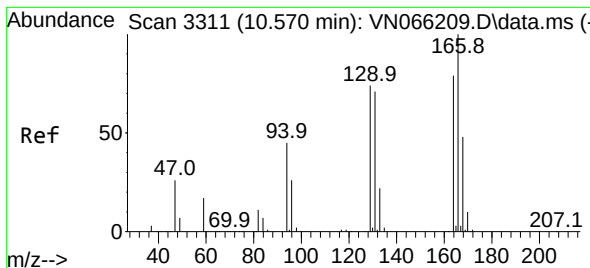
Tgt Ion: 95 Resp: 176309
Ion Ratio Lower Upper
95 100
174 91.3 0.0 162.4
176 87.1 0.0 156.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. 0.003 min
Lab File: VN066289.D
Acq: 19 Mar 2021 18:35

Tgt Ion: 117 Resp: 405502
Ion Ratio Lower Upper
117 100
82 52.6 49.0 73.6
119 31.7 25.7 38.5





#64

Tetrachloroethene

Concen: 12.83 ug/l

RT: 10.572 min Scan# 3312

Delta R.T. 0.002 min

Lab File: VN066289.D

Acq: 19 Mar 2021 18:35

Instrument :

MSVOA_N

ClientSampleId :

99-2

Tgt Ion:164 Resp: 43147

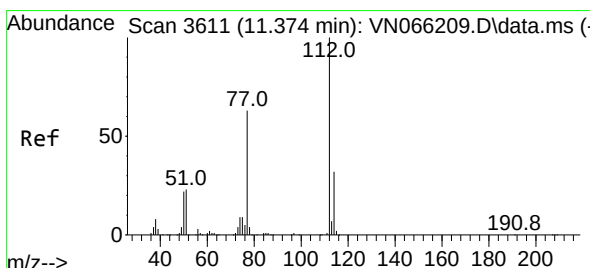
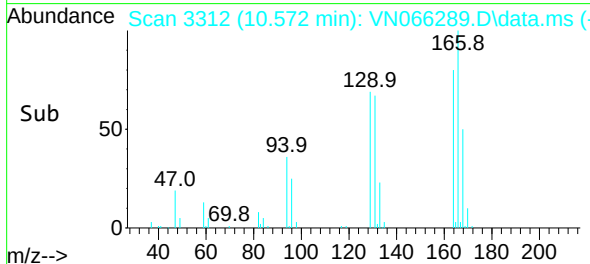
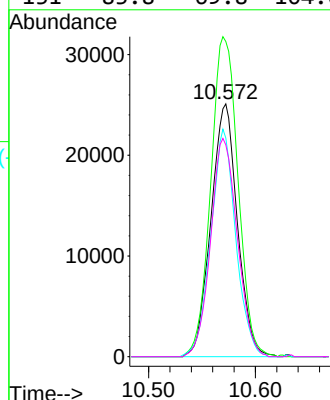
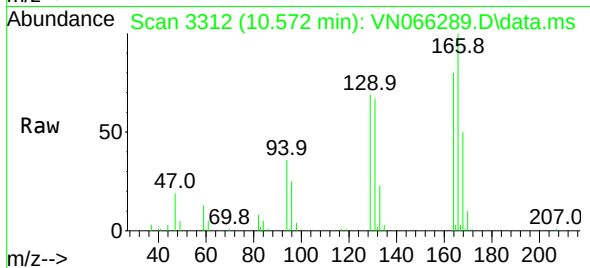
Ion Ratio Lower Upper

164 100

166 124.7 98.9 148.3

129 86.5 73.2 109.8

131 83.8 69.8 104.6



#65

Chlorobenzene

Concen: 264.61 ug/l

RT: 11.374 min Scan# 3611

Delta R.T. 0.000 min

Lab File: VN066289.D

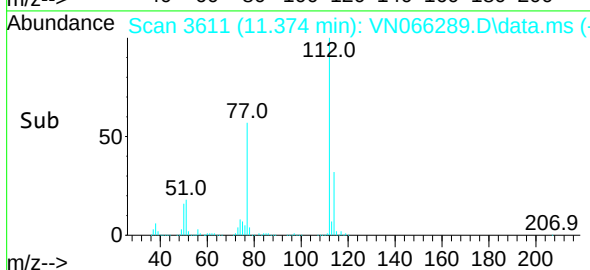
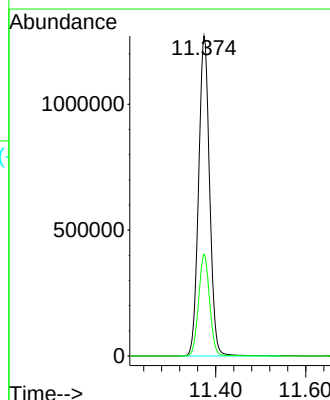
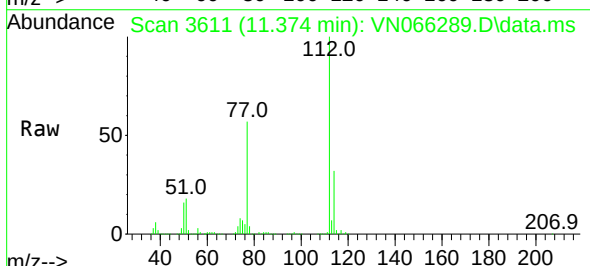
Acq: 19 Mar 2021 18:35

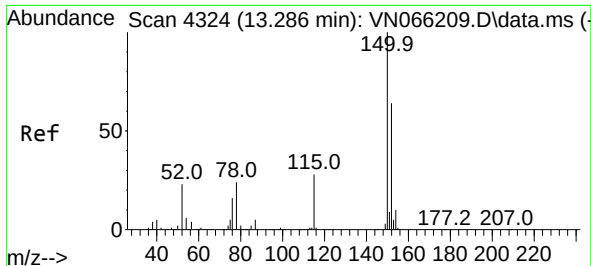
Tgt Ion:112 Resp: 2152943

Ion Ratio Lower Upper

112 100

114 31.8 25.4 38.0

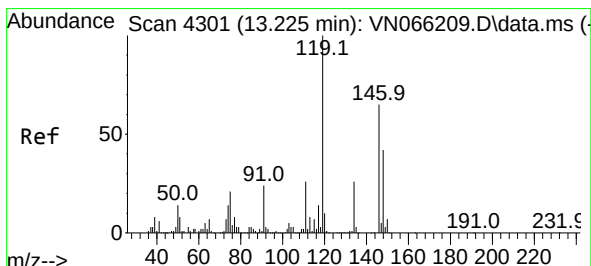
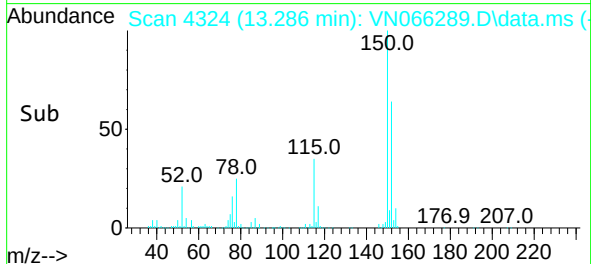
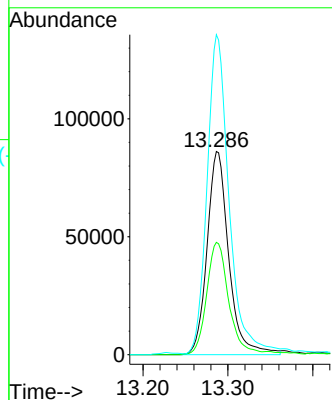
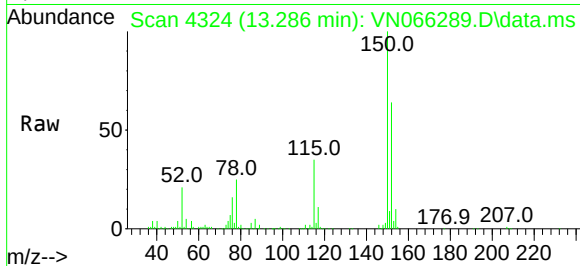




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.000 min
Lab File: VN066289.D
Acq: 19 Mar 2021 18:35

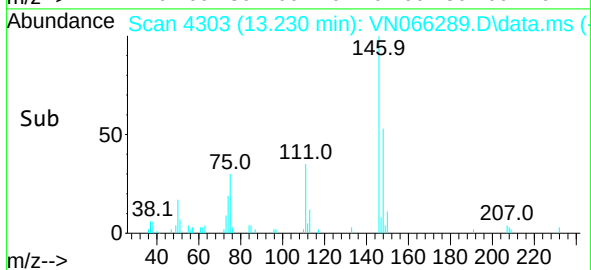
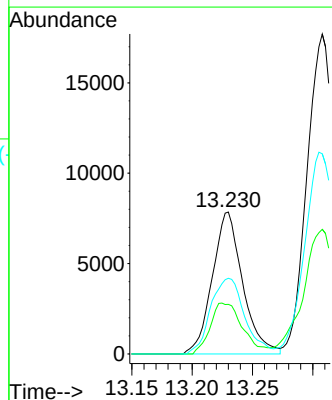
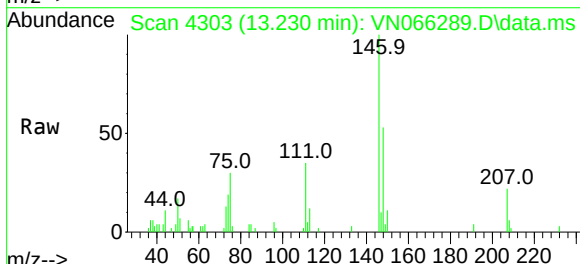
Instrument :
MSVOA_N
ClientSampled :
99-2

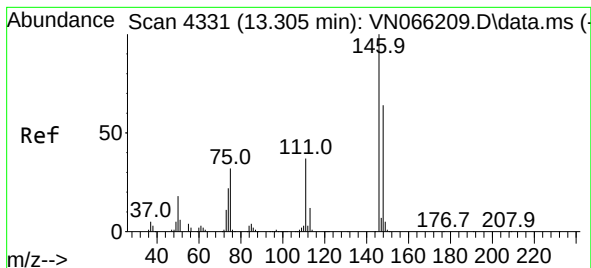
Tgt Ion:152 Resp: 152896
Ion Ratio Lower Upper
152 100
115 55.9 29.4 88.3
150 159.8 0.0 352.2



#87
1,3-Dichlorobenzene
Concen: 2.89 ug/l
RT: 13.230 min Scan# 4303
Delta R.T. 0.005 min
Lab File: VN066289.D
Acq: 19 Mar 2021 18:35

Tgt Ion:146 Resp: 13750
Ion Ratio Lower Upper
146 100
111 38.1 20.3 61.0
148 59.8 32.4 97.2





#88

1,4-Dichlorobenzene

Concen: 6.15 ug/l

RT: 13.308 min Scan# 4332

Delta R.T. 0.003 min

Lab File: VN066289.D

Acq: 19 Mar 2021 18:35

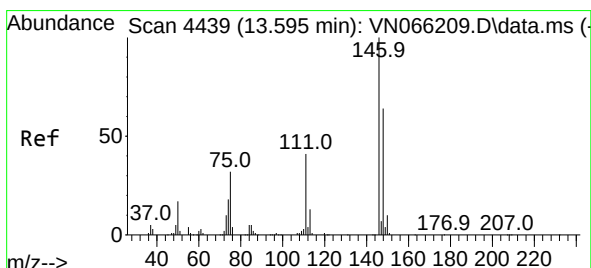
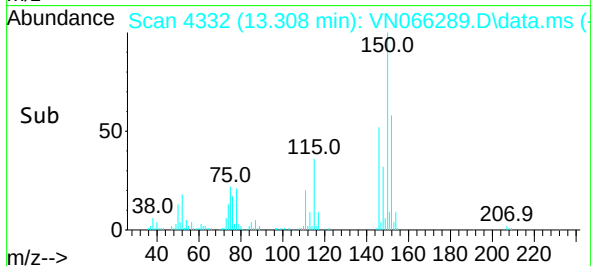
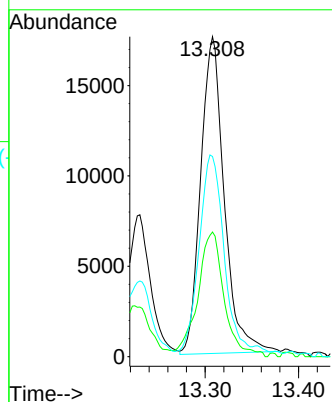
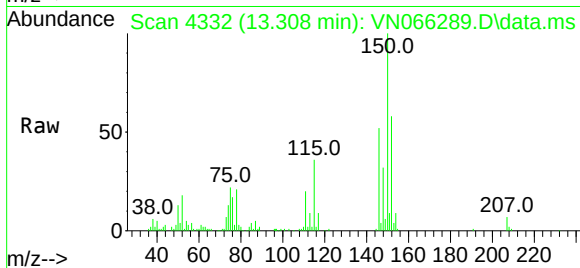
Tgt Ion:146 Resp: 30673

Ion Ratio Lower Upper

146 100

111 44.2 19.9 59.7

148 64.2 33.2 99.6



#91

1,2-Dichlorobenzene

Concen: 2.28 ug/l

RT: 13.603 min Scan# 4442

Delta R.T. 0.008 min

Lab File: VN066289.D

Acq: 19 Mar 2021 18:35

Tgt Ion:146 Resp: 10712

Ion Ratio Lower Upper

146 100

111 46.6 20.9 62.7

148 69.4 31.2 93.6

