

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071422\
 Data File : VN073470.D
 Acq On : 14 Jul 2022 19:06
 Operator : JC\MD
 Sample : N3697-02 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CASING-NUMBER-5D-WATERING

Quant Time: Jul 15 02:03:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

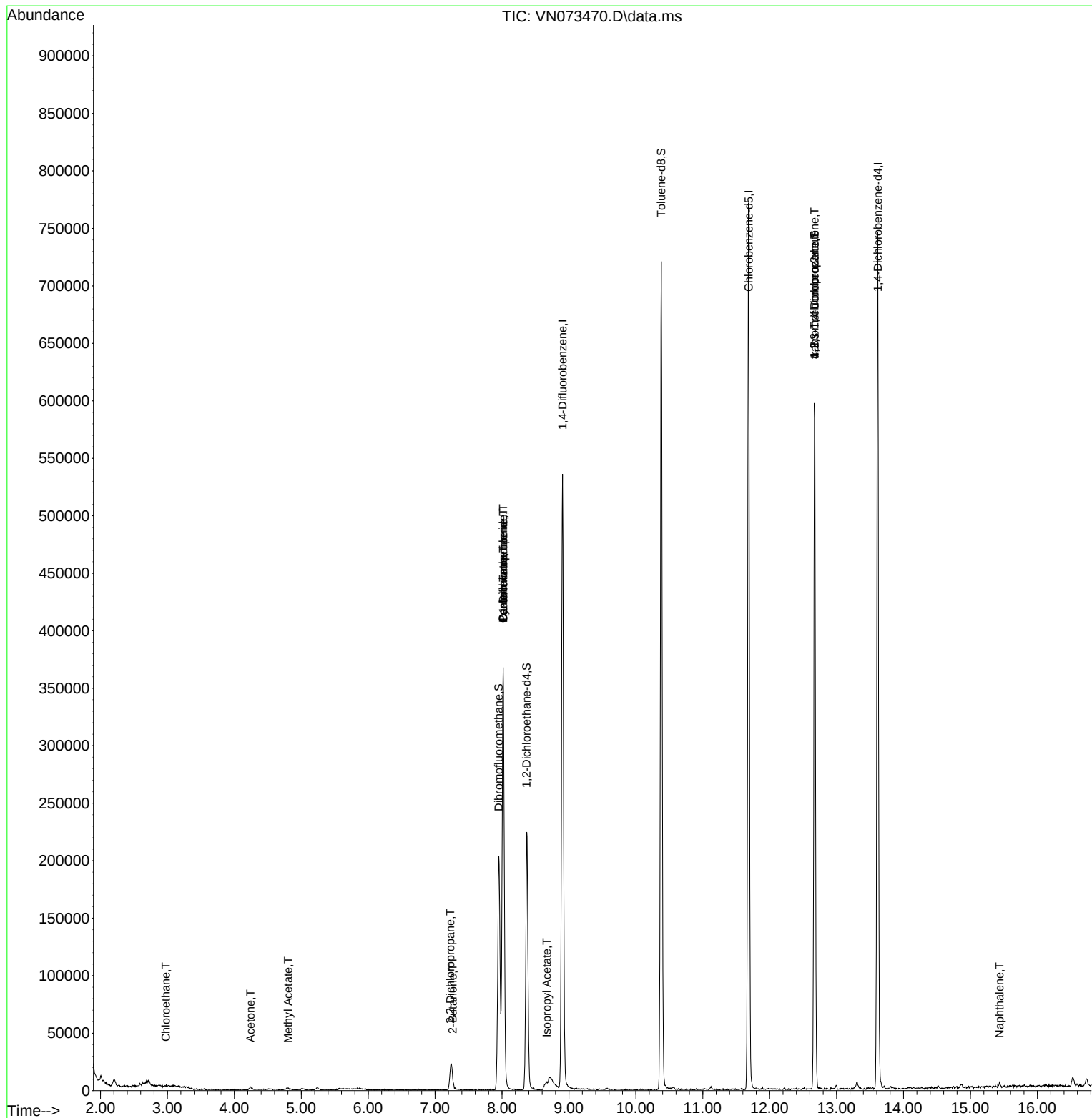
Internal Standards						
1) Pentafluorobenzene	8.016	168	270988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	461629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	428563	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	198306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	181117	46.298	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.600%		
35) Dibromofluoromethane	7.951	113	149067	48.536	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.080%		
50) Toluene-d8	10.381	98	488120	44.748	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.500%		
62) 4-Bromofluorobenzene	12.669	95	207186	49.425	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.840%		
Target Compounds						Qvalue
6) Chloroethane	2.975	64	1011	0.526	ug/l #	42
16) Acetone	4.240	43	4296	1.956	ug/l #	77
18) Methyl Acetate	4.804	43	3450	0.561	ug/l #	83
25) 2-Butanone	7.263	43	1731	0.495	ug/l #	45
26) 2,2-Dichloropropane	7.228	77	1569	0.261	ug/l #	53
31) Cyclohexane	8.016	56	6700	1.046	ug/l #	17
36) 1,1-Dichloropropene	8.016	75	24194	5.120	ug/l #	48
38) Carbon Tetrachloride	8.016	117	27655	5.659	ug/l #	15
43) Isopropyl Acetate	8.669	43	8522	0.830	ug/l #	53
76) 1,2,3-Trichloropropane	12.669	75	108015	20.831	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	108015	57.128	ug/l #	11
95) Naphthalene	15.433	128	3261	0.213	ug/l #	89

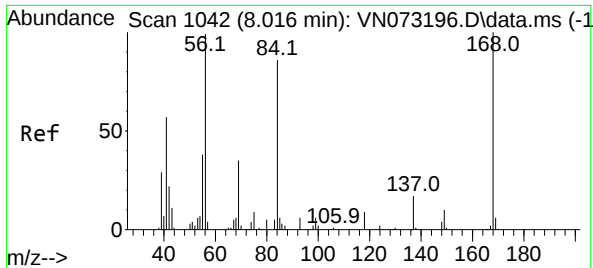
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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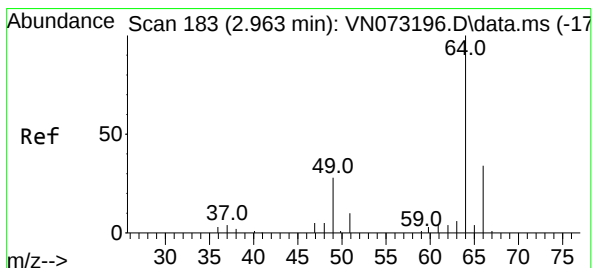
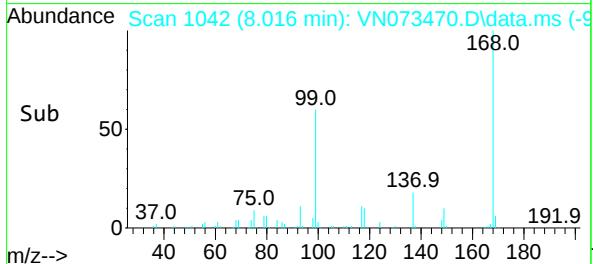
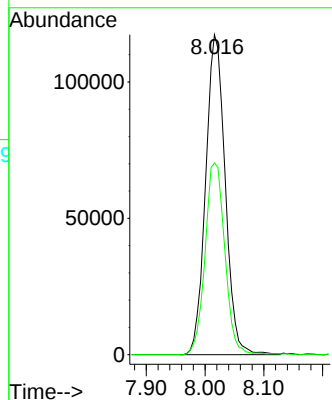
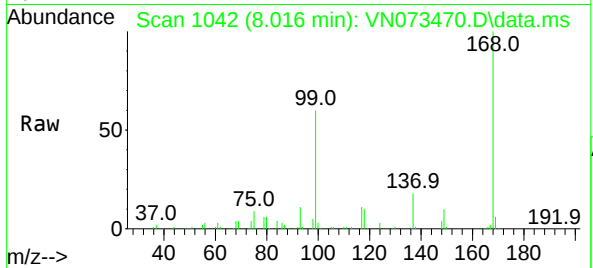




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073470.D
Acq: 14 Jul 2022 19:06

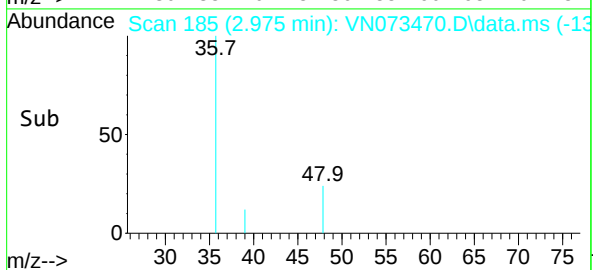
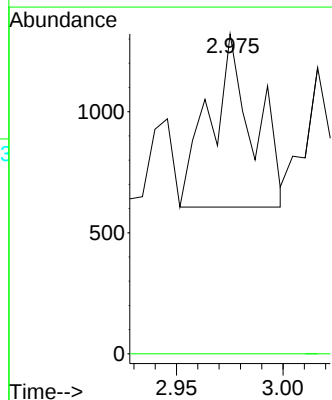
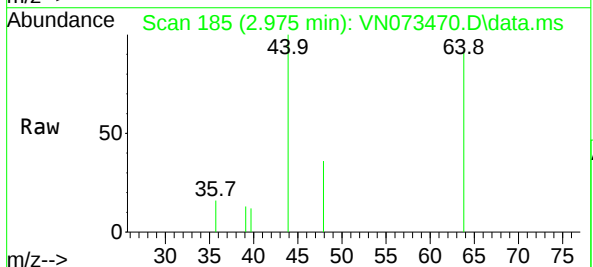
Instrument :
MSVOA_N
ClientSampleId :
CASING-NUMBER-5D-WATERING

Tgt Ion:168 Resp: 270988
Ion Ratio Lower Upper
168 100
99 59.9 42.3 63.5



#6
Chloroethane
Concen: 0.526 ug/l
RT: 2.975 min Scan# 185
Delta R.T. 0.012 min
Lab File: VN073470.D
Acq: 14 Jul 2022 19:06

Tgt Ion: 64 Resp: 1011
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

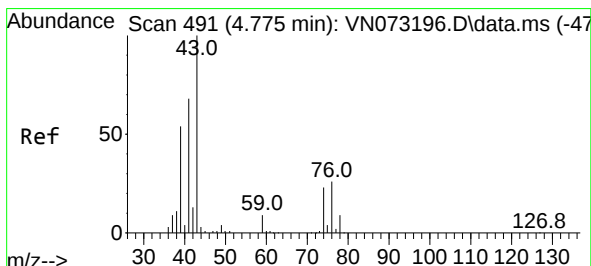
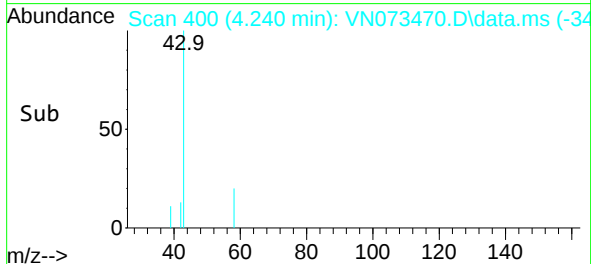
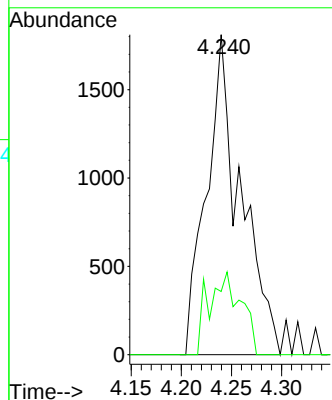
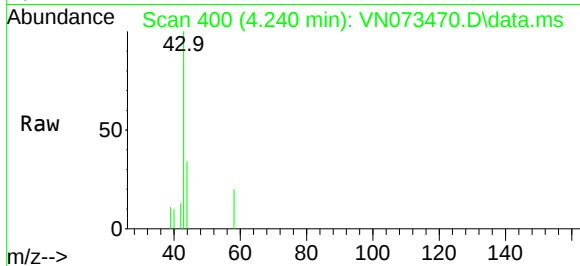




#16
Acetone
Concen: 1.956 ug/l
RT: 4.240 min Scan# 400
Delta R.T. 0.018 min
Lab File: VN073470.D
Acq: 14 Jul 2022 19:06

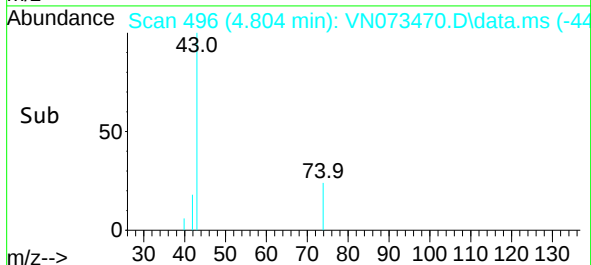
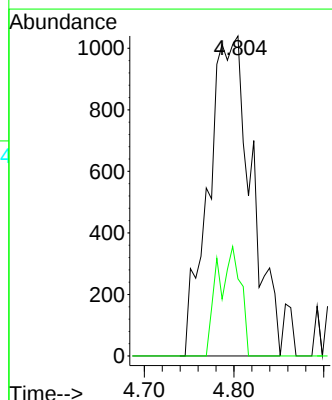
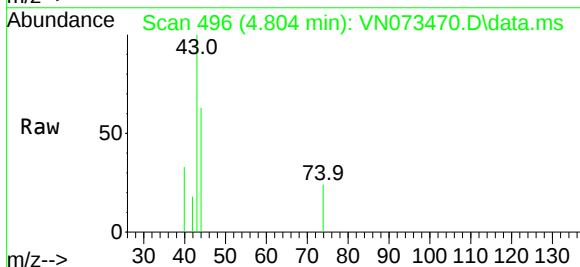
Instrument :
MSVOA_N
ClientSampleId :
CASING-NUMBER-5D-WATERING

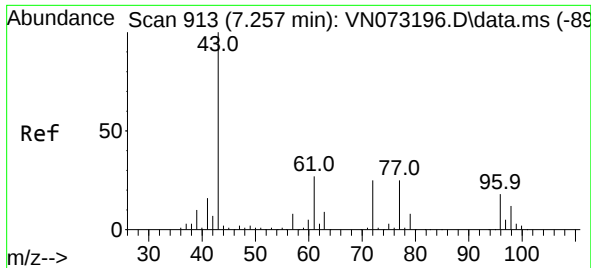
Tgt Ion: 43 Resp: 4296
Ion Ratio Lower Upper
43 100
58 19.8 26.0 39.0#



#18
Methyl Acetate
Concen: 0.561 ug/l
RT: 4.804 min Scan# 496
Delta R.T. 0.029 min
Lab File: VN073470.D
Acq: 14 Jul 2022 19:06

Tgt Ion: 43 Resp: 3450
Ion Ratio Lower Upper
43 100
74 18.1 21.6 32.4#

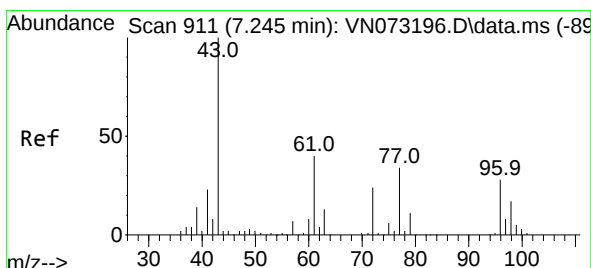
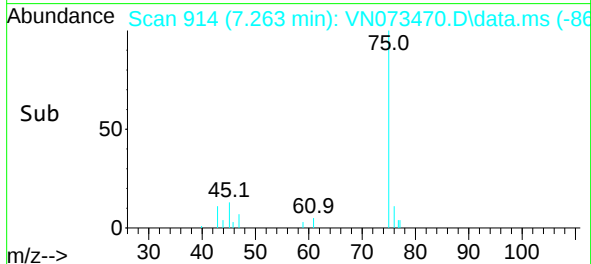
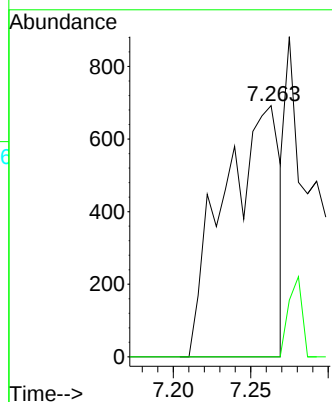
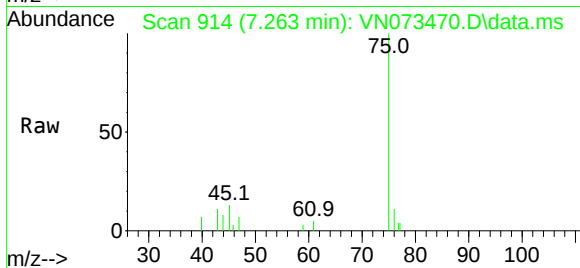




#25
2-Butanone
Concen: 0.495 ug/l
RT: 7.263 min Scan# 913
Delta R.T. 0.006 min
Lab File: VN073470.D
Acq: 14 Jul 2022 19:06

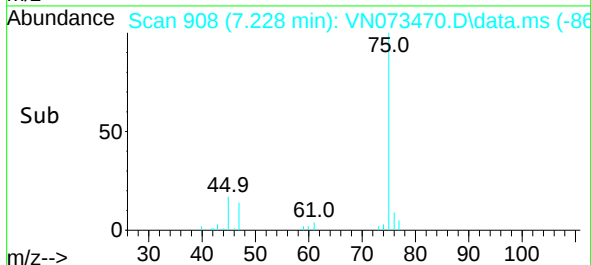
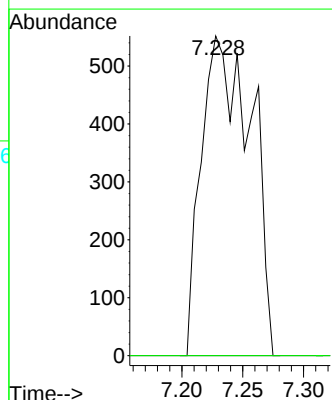
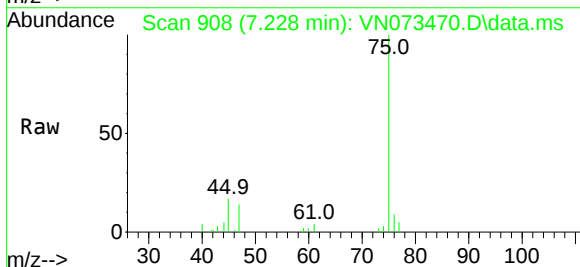
Instrument :
MSVOA_N
ClientSampleId :
CASING-NUMBER-5D-WATERING

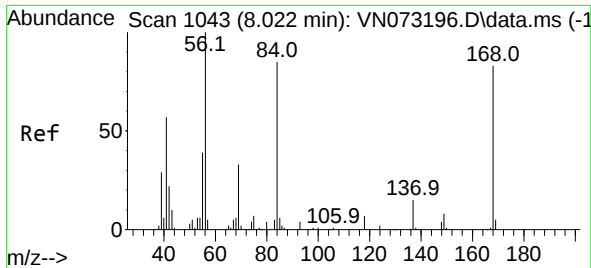
Tgt Ion: 43 Resp: 1731
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#26
2,2-Dichloropropane
Concen: 0.261 ug/l
RT: 7.228 min Scan# 908
Delta R.T. -0.017 min
Lab File: VN073470.D
Acq: 14 Jul 2022 19:06

Tgt Ion: 77 Resp: 1569
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#

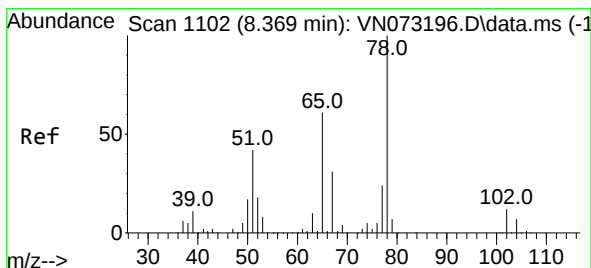
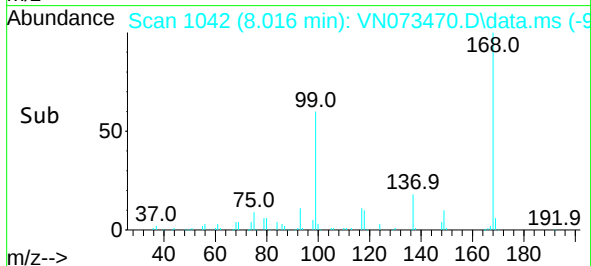
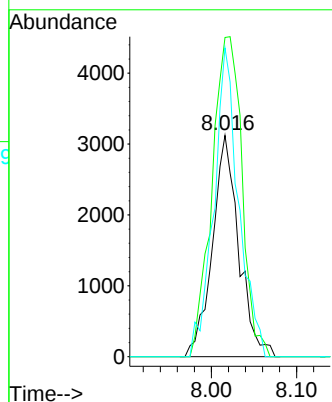
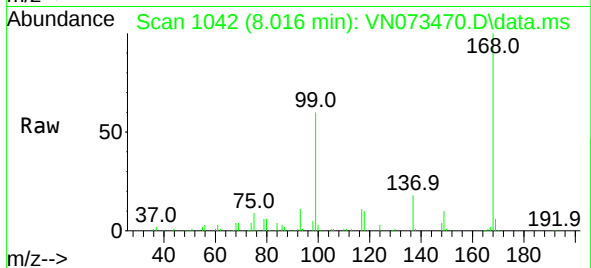




#31
Cyclohexane
Concen: 1.046 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073470.D
Acq: 14 Jul 2022 19:06

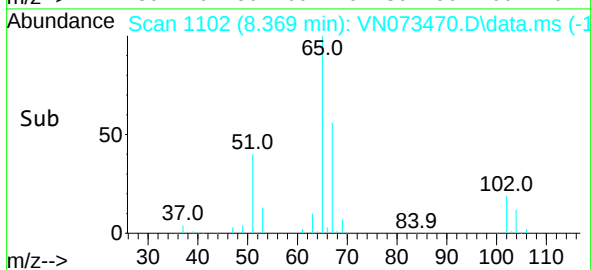
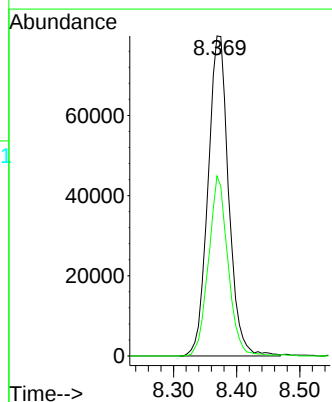
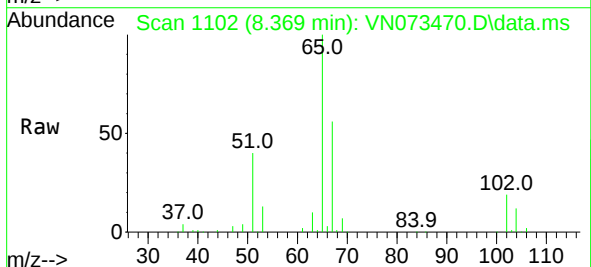
Instrument :
MSVOA_N
ClientSampleId :
CASING-NUMBER-5D-WATERING

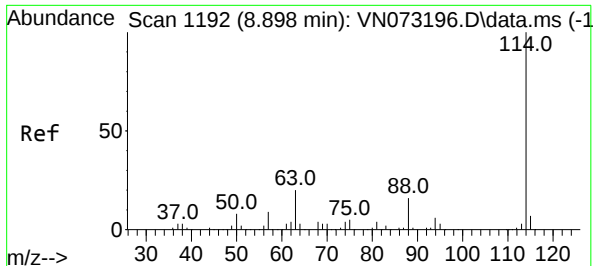
Tgt Ion: 56 Resp: 6700
Ion Ratio Lower Upper
56 100
69 144.2 27.8 41.8#
84 139.5 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 46.298 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073470.D
Acq: 14 Jul 2022 19:06

Tgt Ion: 65 Resp: 181117
Ion Ratio Lower Upper
65 100
67 52.9 0.0 104.8

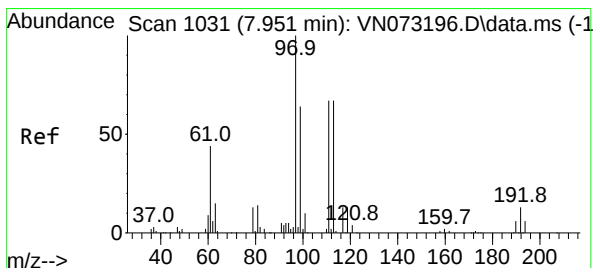
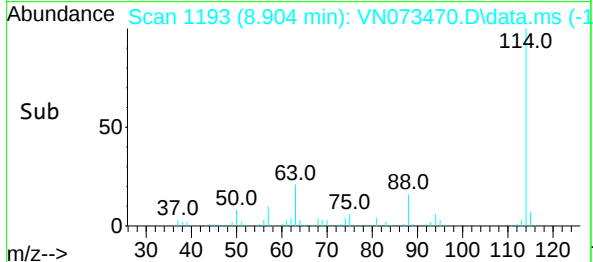
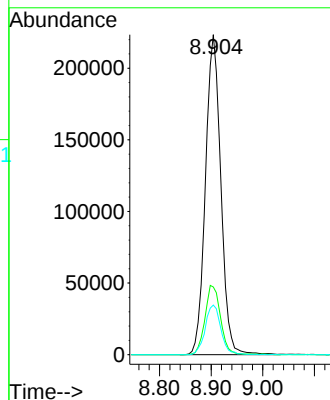
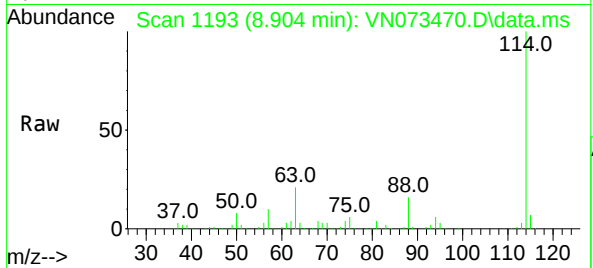




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.006 min
Lab File: VN073470.D
Acq: 14 Jul 2022 19:06

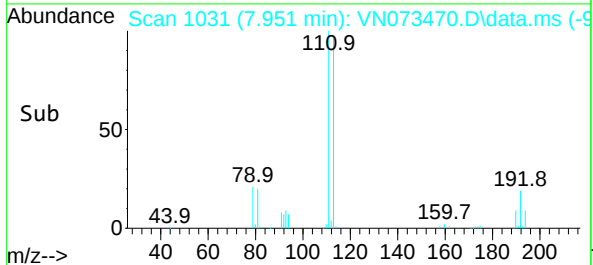
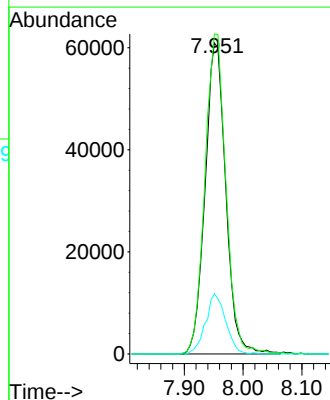
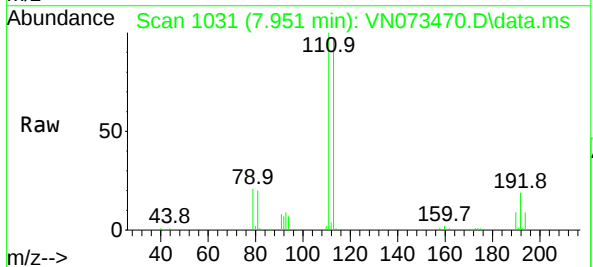
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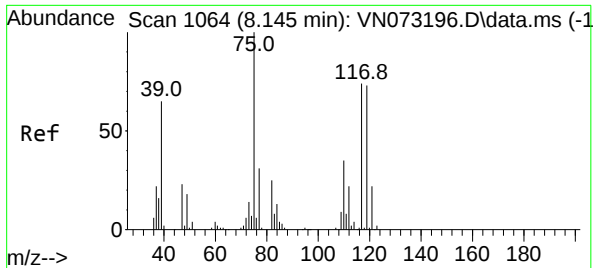
Tgt Ion:114 Resp: 461629
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.0
88 15.5 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.536 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073470.D
Acq: 14 Jul 2022 19:06

Tgt Ion:113 Resp: 149067
Ion Ratio Lower Upper
113 100
111 104.6 81.4 122.0
192 18.7 17.0 25.6

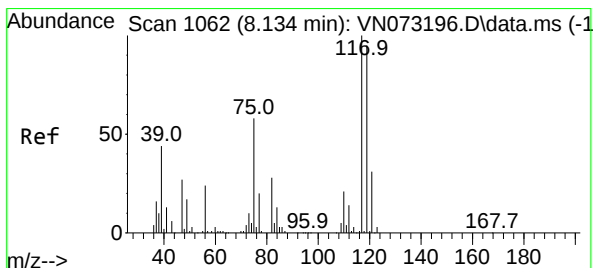
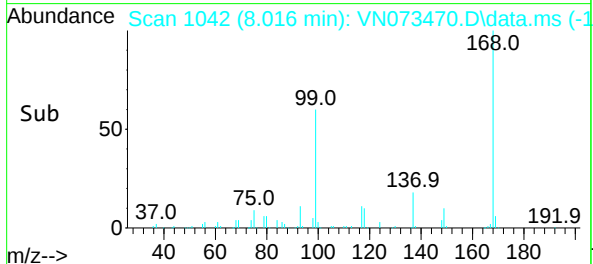
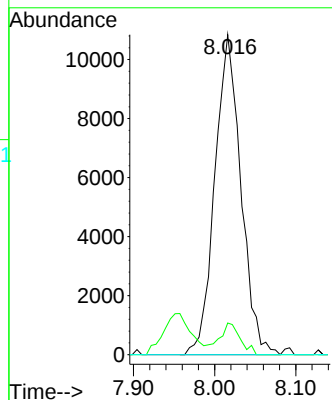
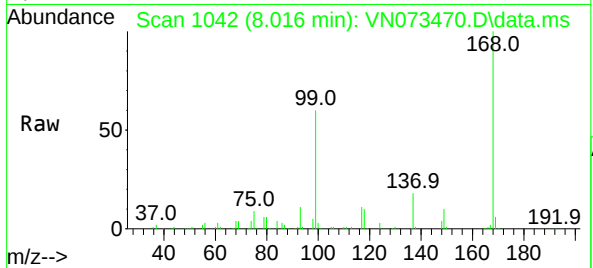




#36
1,1-Dichloropropene
Concen: 5.120 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.129 min
Lab File: VN073470.D
Acq: 14 Jul 2022 19:06

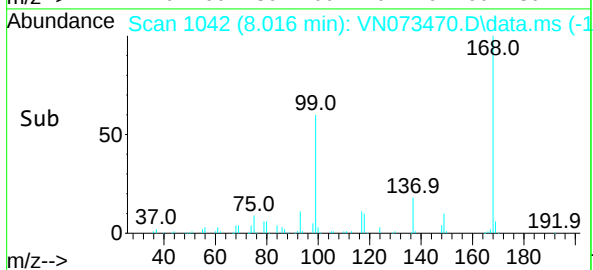
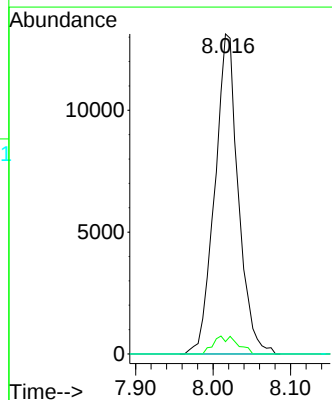
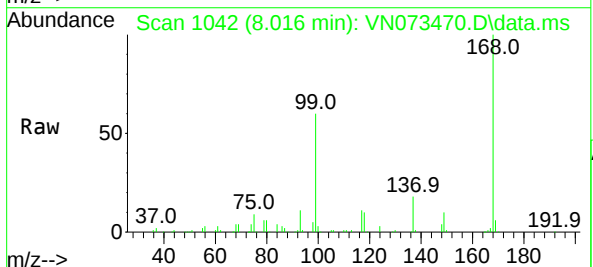
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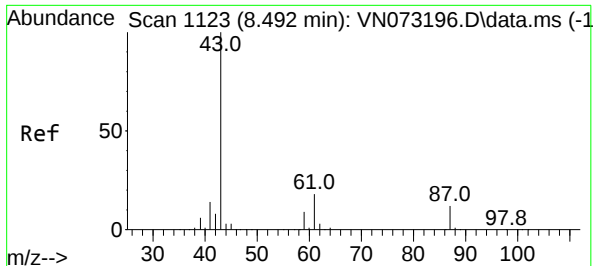
Tgt Ion: 75 Resp: 24194
Ion Ratio Lower Upper
75 100
110 7.7 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.659 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.118 min
Lab File: VN073470.D
Acq: 14 Jul 2022 19:06

Tgt Ion: 117 Resp: 27655
Ion Ratio Lower Upper
117 100
119 3.9 75.8 113.8#
121 0.0 24.6 37.0#





#43

Isopropyl Acetate

Concen: 0.830 ug/l

RT: 8.669 min Scan# 1123

Delta R.T. 0.177 min

Lab File: VN073470.D

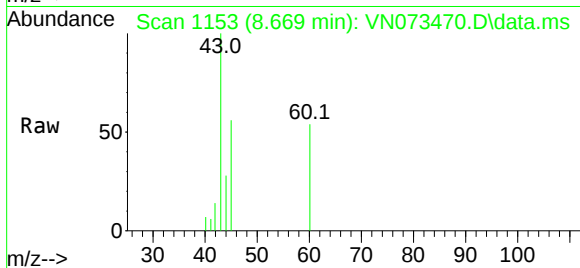
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Instrument :

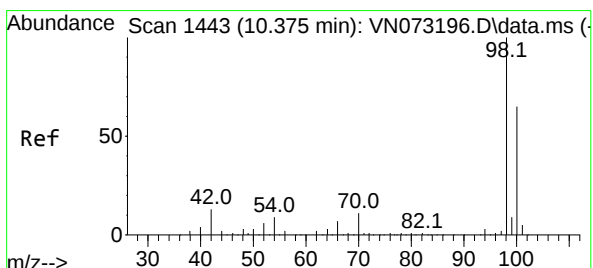
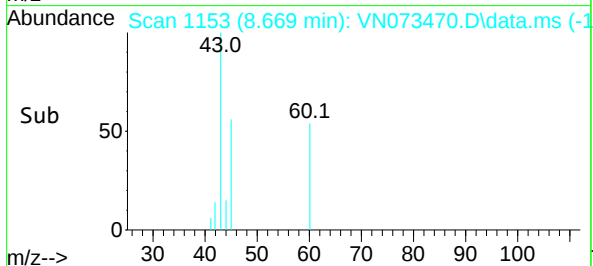
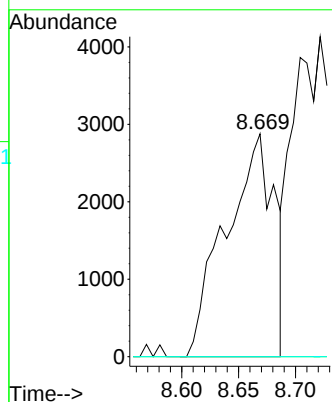
MSVOA_N

ClientSampleId :

CASING-NUMBER-5D-WATERING



Tgt Ion: 43	Resp: 8522
Ion Ratio	Lower Upper
43	100
61	0.0 21.9 32.9#
87	0.0 12.0 18.0#



#50

Toluene-d8

Concen: 44.748 ug/l

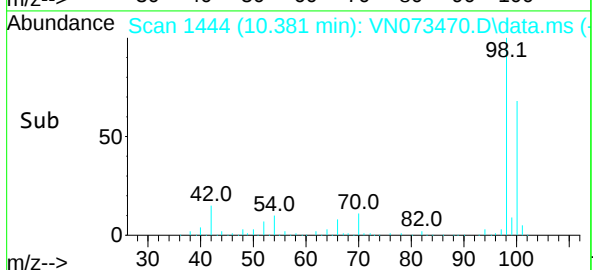
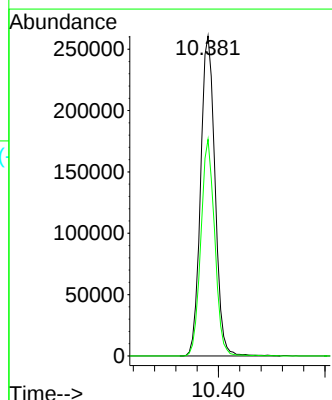
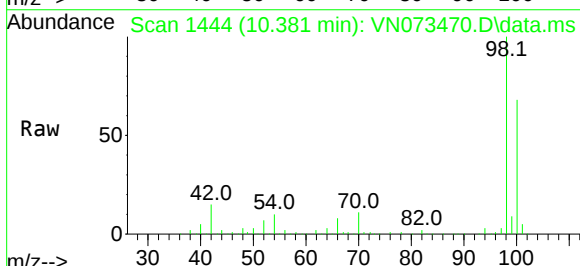
RT: 10.381 min Scan# 1444

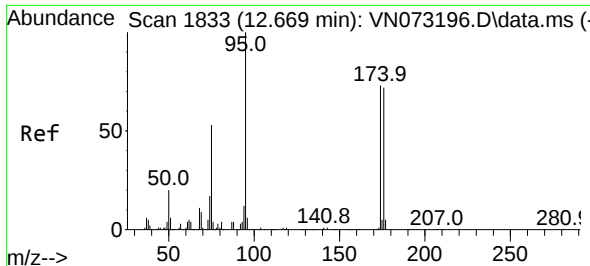
Delta R.T. 0.006 min

Lab File: VN073470.D

Acq: 14 Jul 2022 19:06

Tgt Ion: 98	Resp: 488120
Ion Ratio	Lower Upper
98	100
100	65.3 52.6 78.8

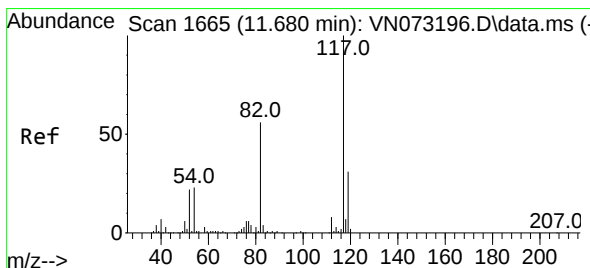
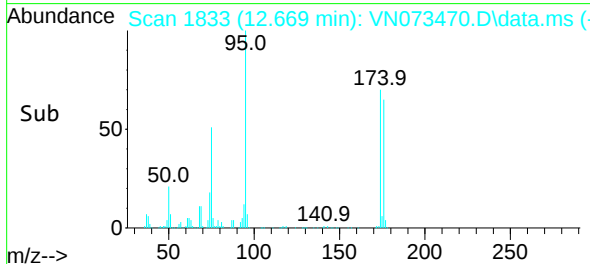
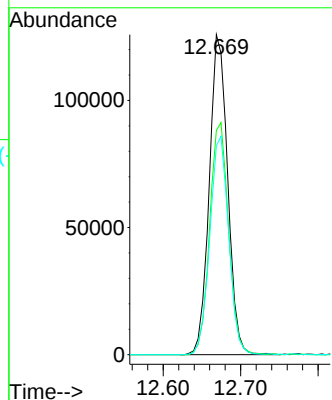
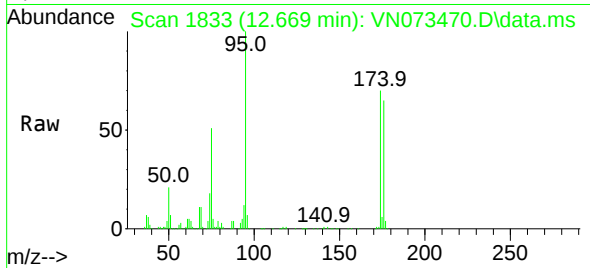




#62
4-Bromofluorobenzene
Concen: 49.425 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073470.D
Acq: 14 Jul 2022 19:06

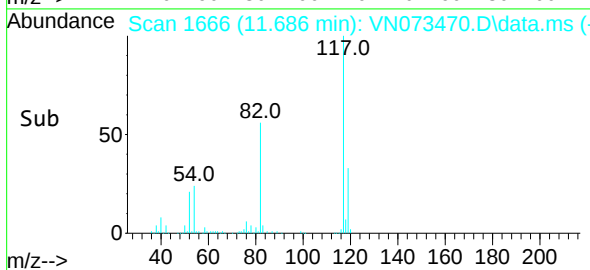
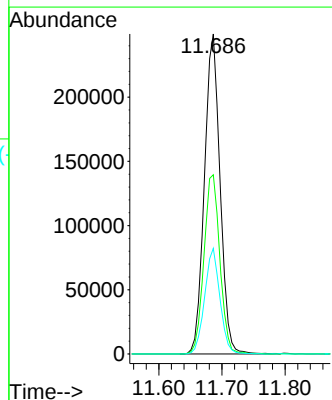
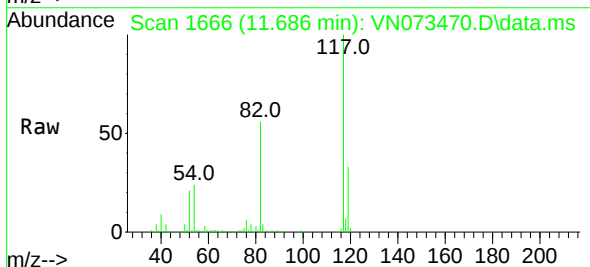
Instrument :
MSVOA_N
ClientSampleId :
CASING-NUMBER-5D-WATERING

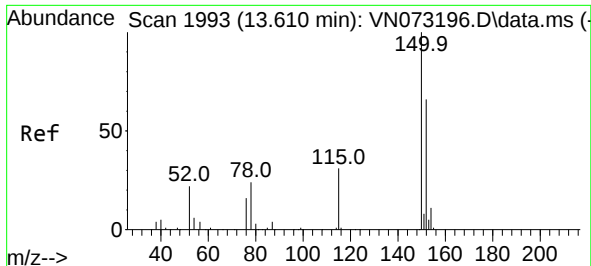
Tgt Ion: 95 Resp: 207186
Ion Ratio Lower Upper
95 100
174 74.5 0.0 167.6
176 70.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073470.D
Acq: 14 Jul 2022 19:06

Tgt Ion: 117 Resp: 428563
Ion Ratio Lower Upper
117 100
82 56.0 44.2 66.2
119 33.0 25.4 38.0

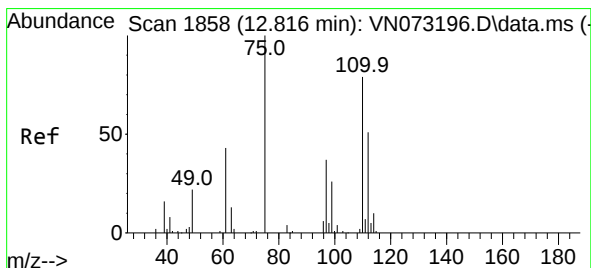
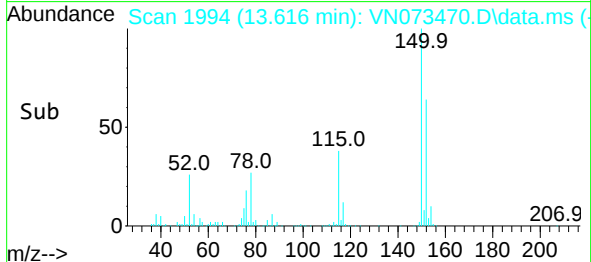
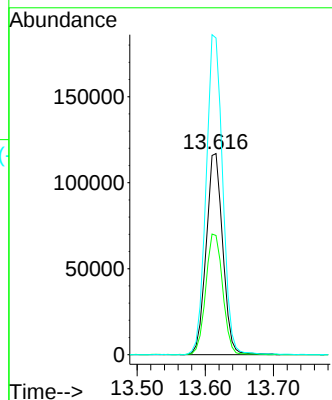
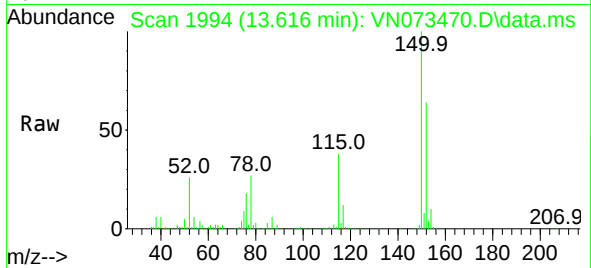




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1993
Delta R.T. 0.006 min
Lab File: VN073470.D
Acq: 14 Jul 2022 19:06

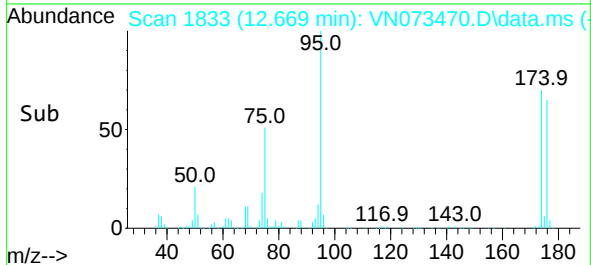
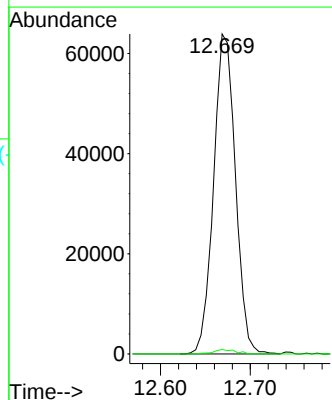
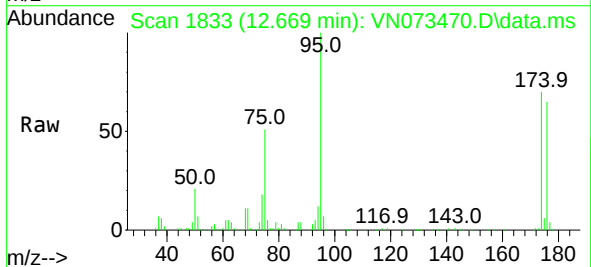
Instrument :
MSVOA_N
ClientSampleId :
CASING-NUMBER-5D-WATERING

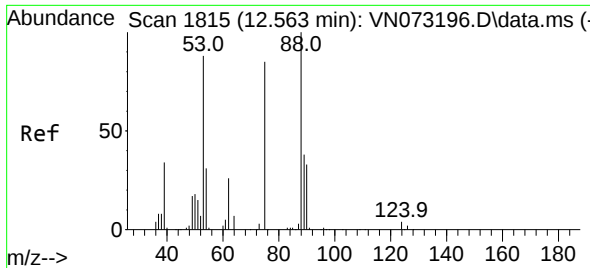
Tgt Ion:152 Resp: 198306
Ion Ratio Lower Upper
152 100
115 61.2 28.9 86.7
150 159.0 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 20.831 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.147 min
Lab File: VN073470.D
Acq: 14 Jul 2022 19:06

Tgt Ion: 75 Resp: 108015
Ion Ratio Lower Upper
75 100
77 1.4 98.5 295.5#

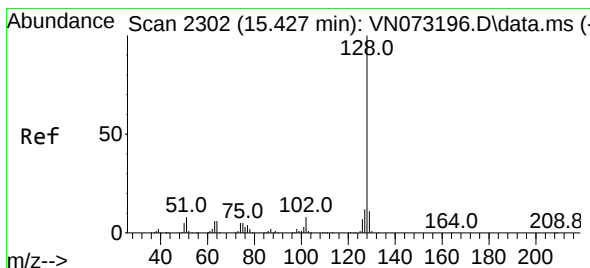
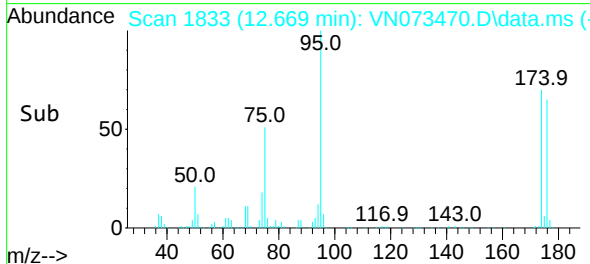
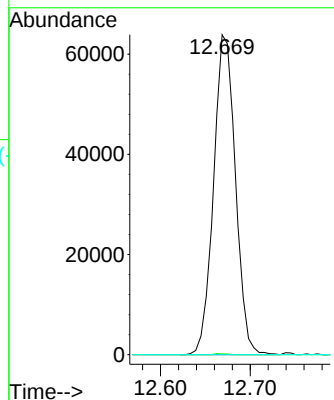
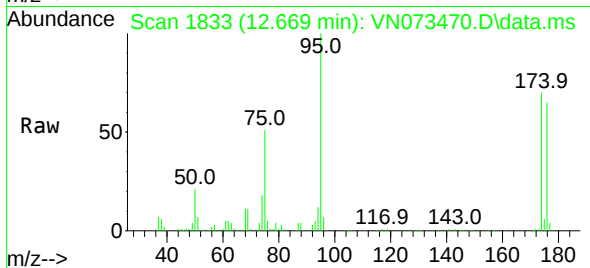




#81
trans-1,4-Dichloro-2-butene
Concen: 57.128 ug/l
RT: 12.669 min Scan# 1815
Delta R.T. 0.106 min
Lab File: VN073470.D
Acq: 14 Jul 2022 19:06

Instrument : MSVOA_N
ClientSampleId : CASING-NUMBER-5D-WATERING

Tgt Ion: 75 Resp: 108015
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 0.213 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN073470.D
Acq: 14 Jul 2022 19:06

Tgt Ion:128 Resp: 3261
Ion Ratio Lower Upper
128 100
127 6.7 10.3 15.5#
129 8.4 8.6 13.0#

