

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062422\
 Data File : VN073083.D
 Acq On : 24 Jun 2022 14:46
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jun 24 23:38:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

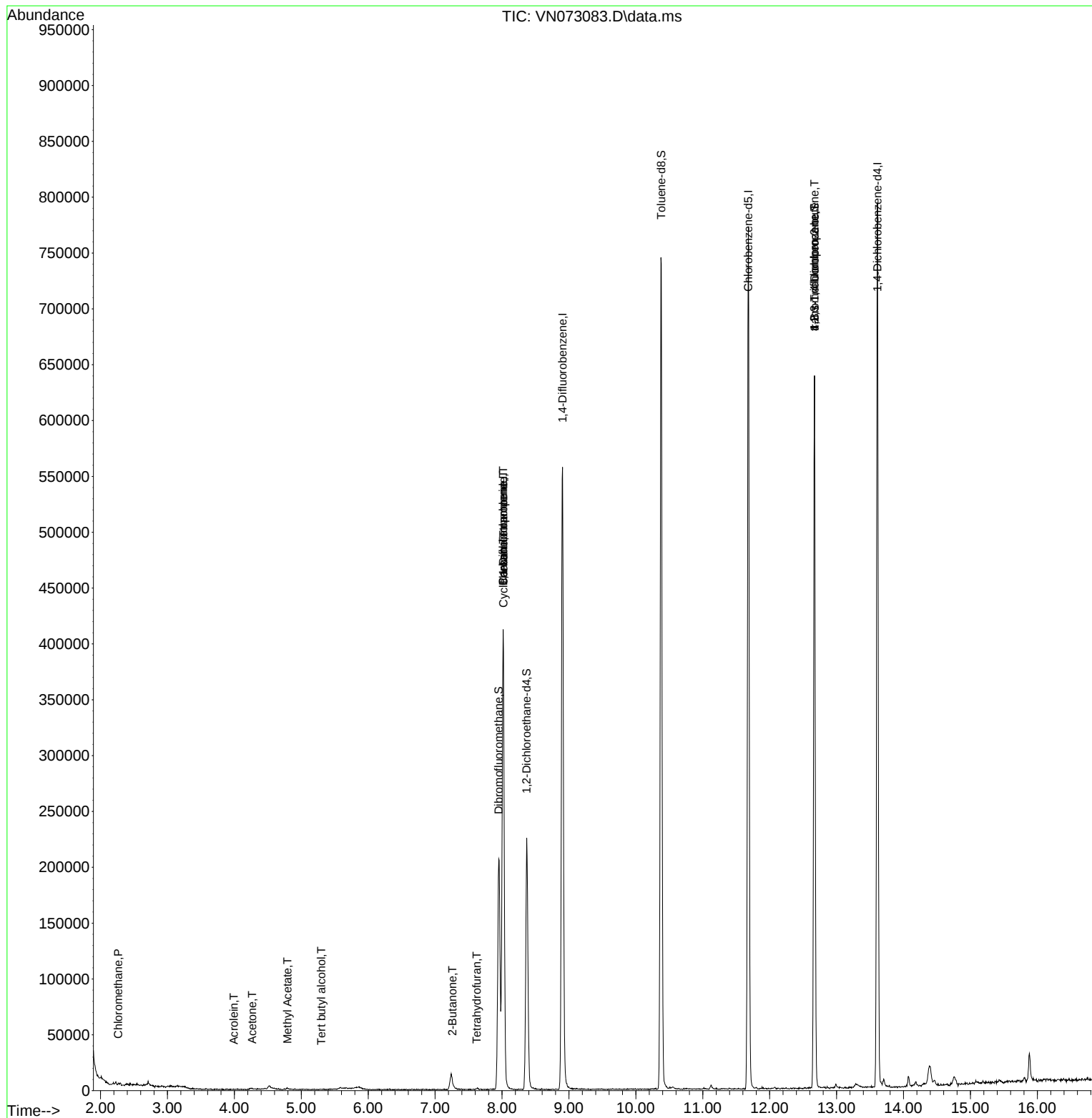
Internal Standards						
1) Pentafluorobenzene	8.016	168	308882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	497708	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	443725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	208548	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	183834	44.021	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.040%		
35) Dibromofluoromethane	7.951	113	156492	50.870	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.740%		
50) Toluene-d8	10.381	98	514209	44.921	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.840%		
62) 4-Bromofluorobenzene	12.669	95	216915	52.698	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.400%		
Target Compounds						Qvalue
3) Chloromethane	2.263	50	596	0.756	ug/l #	66
11) Tert butyl alcohol	5.298	59	523	0.485	ug/l	100
13) Acrolein	3.993	56	199	0.468	ug/l #	53
16) Acetone	4.263	43	2080	0.906	ug/l #	79
18) Methyl Acetate	4.793	43	2858	0.468	ug/l #	55
20) Methylene Chloride	5.022	84	238	Below Cal	#	60
25) 2-Butanone	7.257	43	758	0.208	ug/l #	45
26) 2,2-Dichloropropane	7.228	77	963	Below Cal	#	53
29) Tetrahydrofuran	7.622	42	1041	0.433	ug/l #	38
31) Cyclohexane	8.022	56	6950	1.230	ug/l #	23
36) 1,1-Dichloropropene	8.016	75	25085	6.026	ug/l #	48
38) Carbon Tetrachloride	8.016	117	31713	7.243	ug/l #	17
76) 1,2,3-Trichloropropane	12.669	75	112744	22.298	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	112744	60.219	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	14.539	75	110	Below Cal	#	1

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062422\
Data File : VN073083.D
Acq On : 24 Jun 2022 14:46
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Jun 24 23:38:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 18 06:22:45 2022
Response via : Initial Calibration

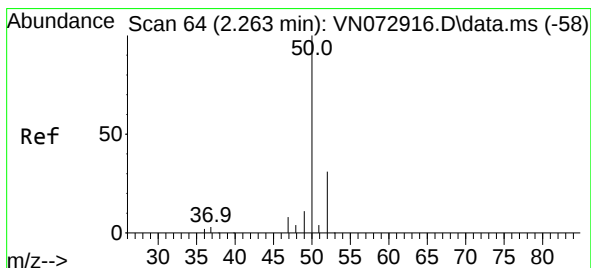
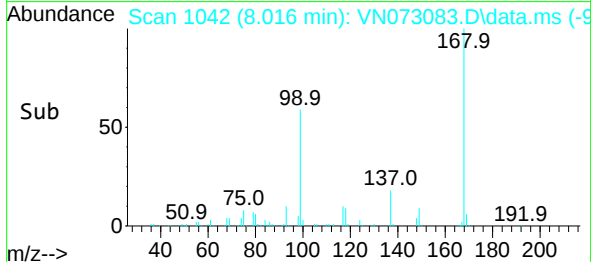
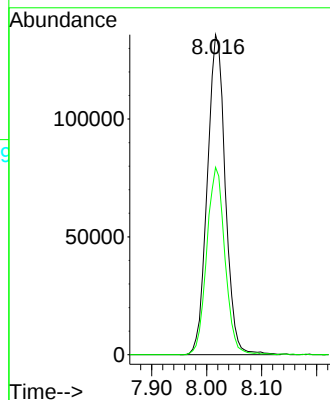
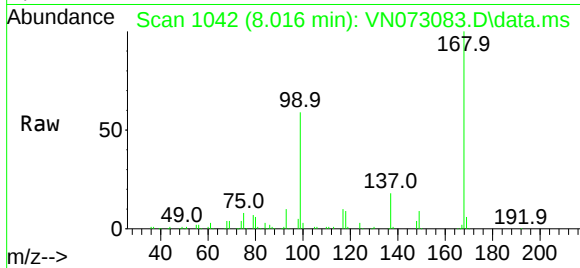




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073083.D
Acq: 24 Jun 2022 14:46

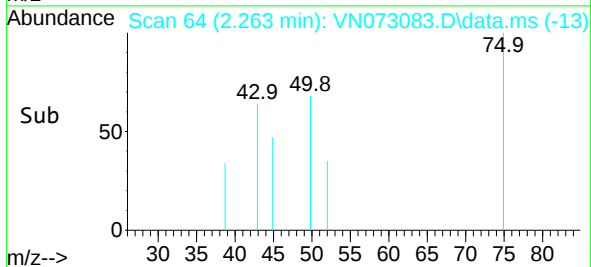
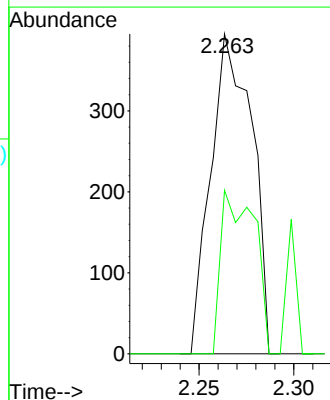
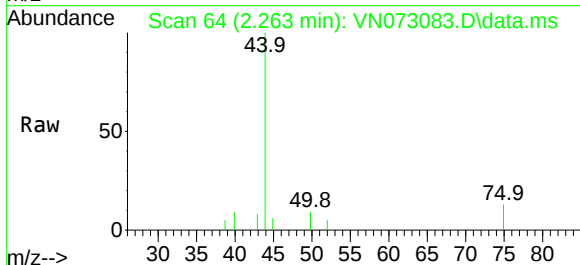
Instrument :
MSVOA_N
ClientSampleId :
IBLK

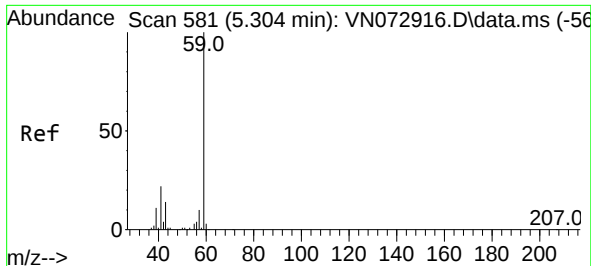
Tgt Ion:168 Resp: 308882
Ion Ratio Lower Upper
168 100
99 58.6 42.3 63.5



#3
Chloromethane
Concen: 0.756 ug/l
RT: 2.263 min Scan# 64
Delta R.T. 0.000 min
Lab File: VN073083.D
Acq: 24 Jun 2022 14:46

Tgt Ion: 50 Resp: 596
Ion Ratio Lower Upper
50 100
52 51.1 25.7 38.5#





#11

Tert butyl alcohol

Concen: 0.485 ug/l

RT: 5.298 min Scan# 51

Delta R.T. -0.006 min

Lab File: VN073083.D

Acq: 24 Jun 2022 14:46

Instrument :

MSVOA_N

ClientSampleId :

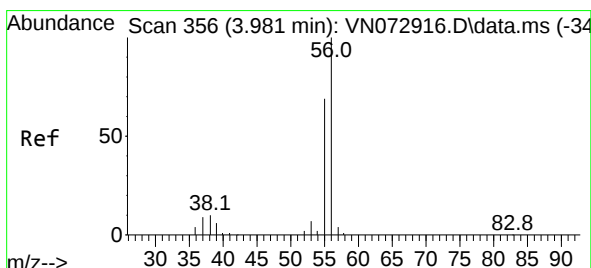
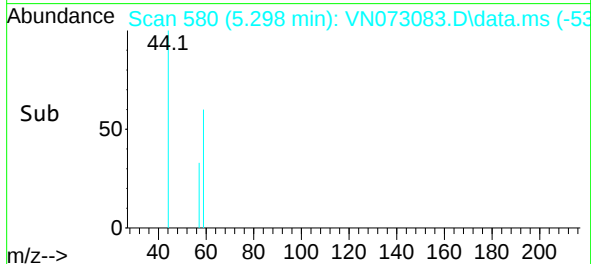
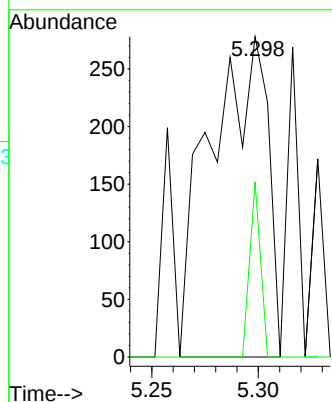
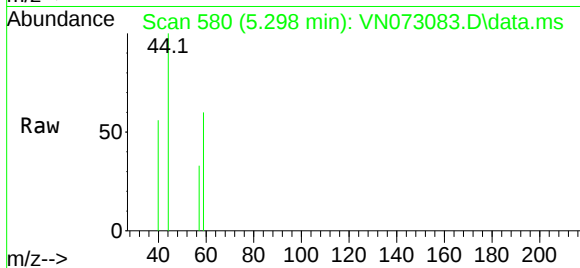
IBLK

Tgt Ion: 59 Resp: 523

Ion Ratio Lower Upper

59 100

57 10.3 8.3 12.5



#13

Acrolein

Concen: 0.468 ug/l

RT: 3.993 min Scan# 358

Delta R.T. 0.012 min

Lab File: VN073083.D

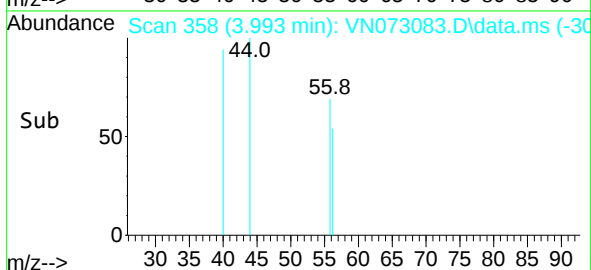
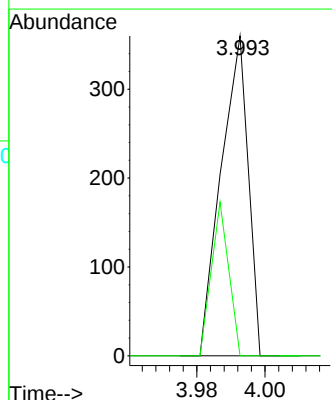
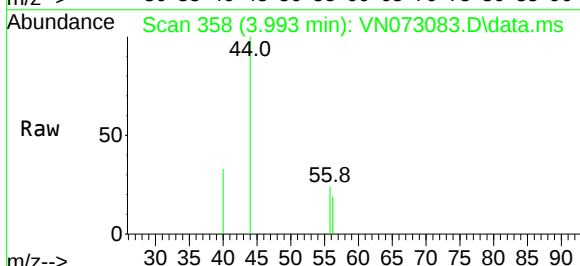
Acq: 24 Jun 2022 14:46

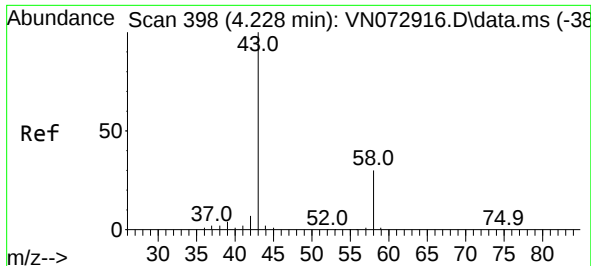
Tgt Ion: 56 Resp: 199

Ion Ratio Lower Upper

56 100

55 30.7 54.8 82.2#





#16

Acetone

Concen: 0.906 ug/l

RT: 4.263 min Scan# 404

Delta R.T. 0.035 min

Lab File: VN073083.D

Acq: 24 Jun 2022 14:46

Instrument :

MSVOA_N

ClientSampleId :

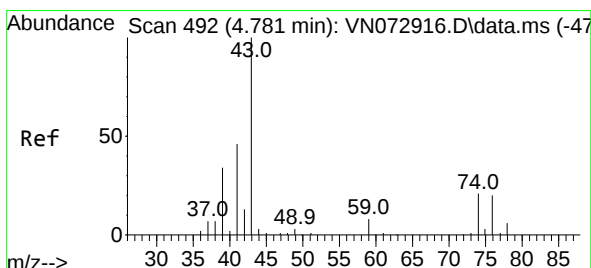
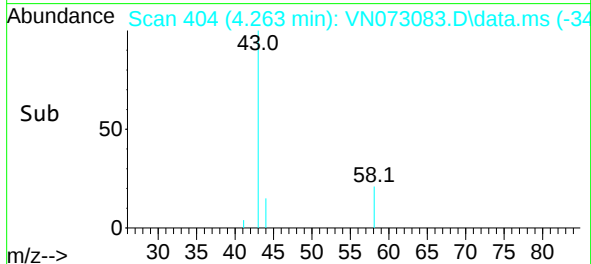
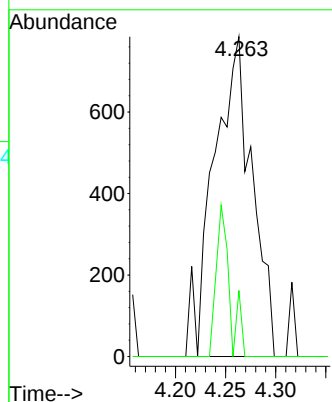
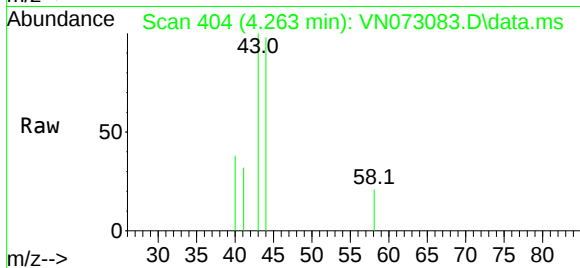
IBLK

Tgt Ion: 43 Resp: 2080

Ion Ratio Lower Upper

43 100

58 20.6 26.0 39.0#



#18

Methyl Acetate

Concen: 0.468 ug/l

RT: 4.793 min Scan# 494

Delta R.T. 0.012 min

Lab File: VN073083.D

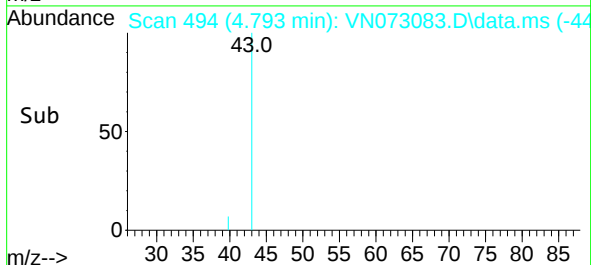
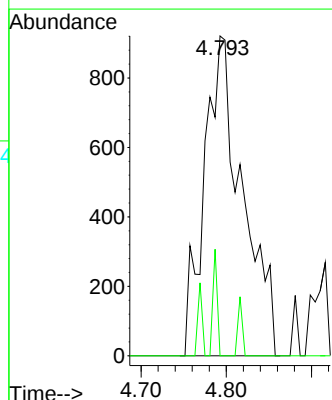
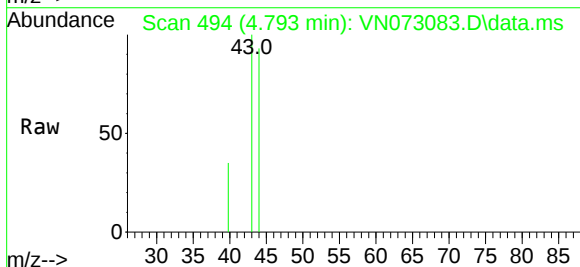
Acq: 24 Jun 2022 14:46

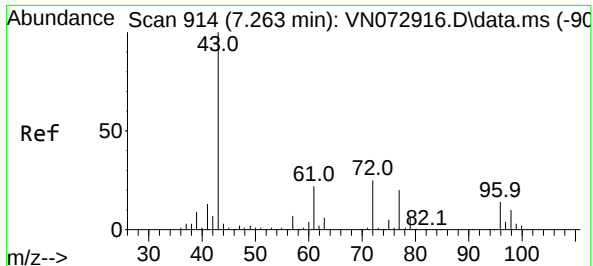
Tgt Ion: 43 Resp: 2858

Ion Ratio Lower Upper

43 100

74 3.8 21.6 32.4#





#25

2-Butanone

Concen: 0.208 ug/l

RT: 7.257 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN073083.D

Acq: 24 Jun 2022 14:46

Instrument :

MSVOA_N

ClientSampleId :

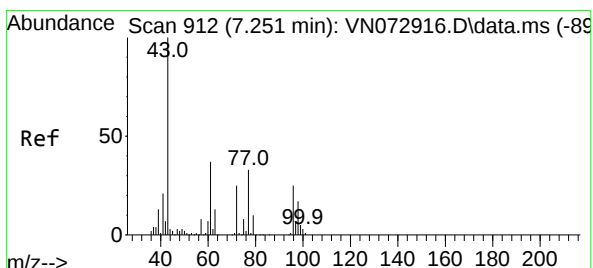
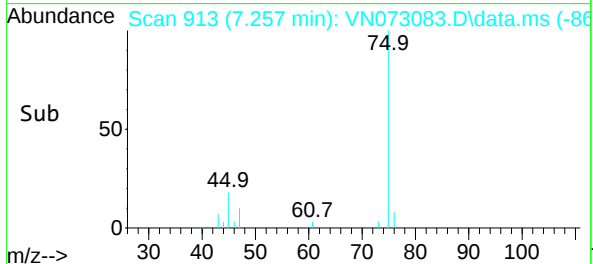
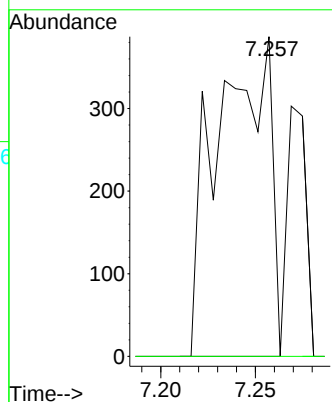
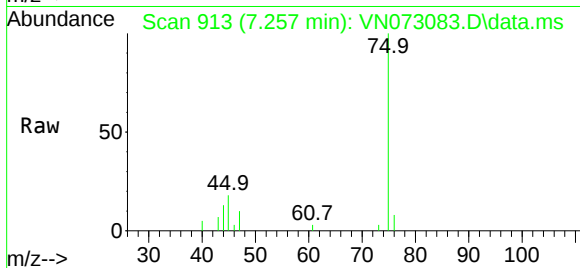
IBLK

Tgt Ion: 43 Resp: 758

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#



#26

2,2-Dichloropropane

Concen: Below Cal

RT: 7.228 min Scan# 908

Delta R.T. -0.023 min

Lab File: VN073083.D

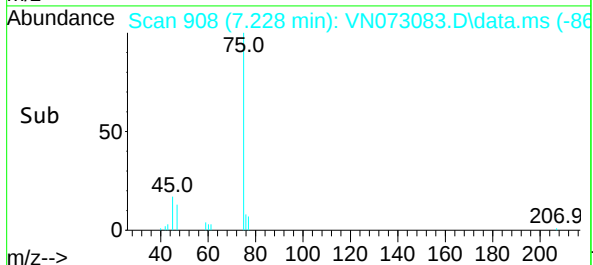
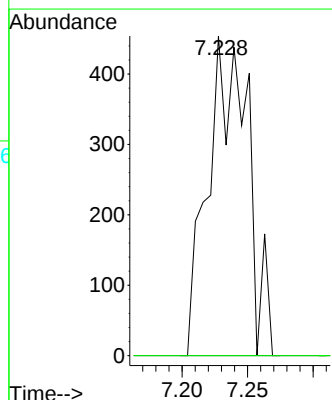
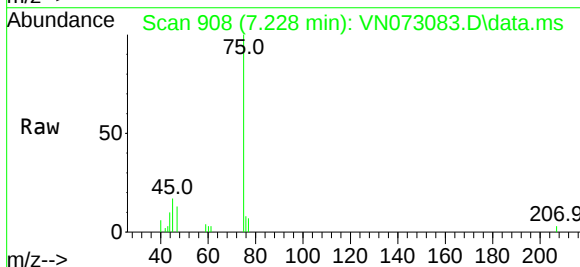
Acq: 24 Jun 2022 14:46

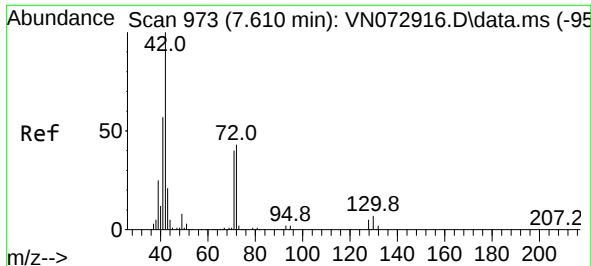
Tgt Ion: 77 Resp: 963

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.2#





#29

Tetrahydrofuran

Concen: 0.433 ug/l

RT: 7.622 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN073083.D

Acq: 24 Jun 2022 14:46

Instrument :

MSVOA_N

ClientSampleId :

IBLK

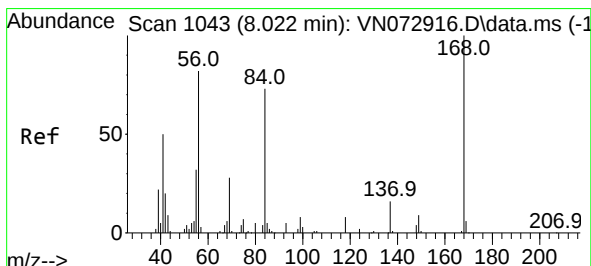
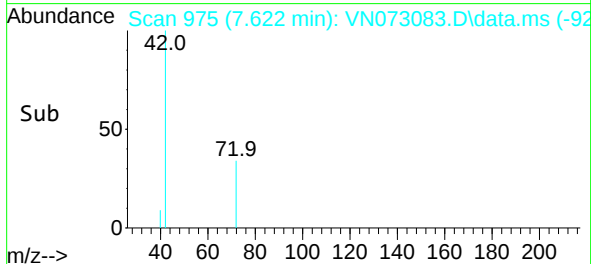
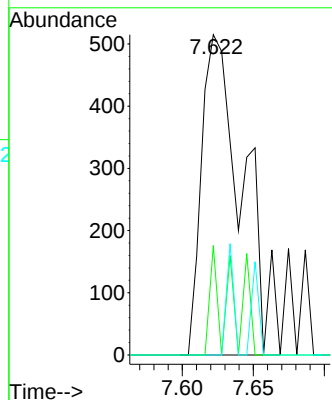
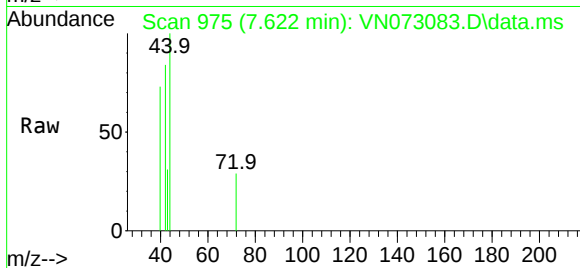
Tgt Ion: 42 Resp: 1041

Ion Ratio Lower Upper

42 100

72 6.0 39.7 59.5#

71 6.1 36.6 55.0#



#31

Cyclohexane

Concen: 1.230 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VN073083.D

Acq: 24 Jun 2022 14:46

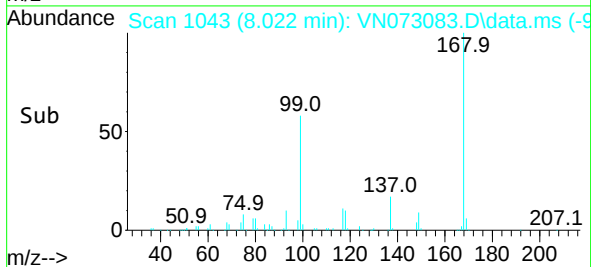
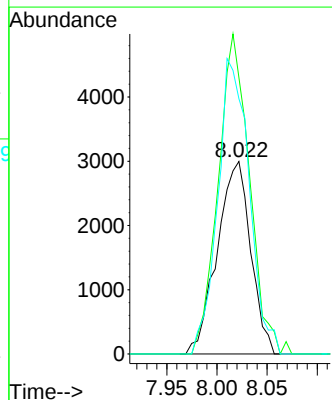
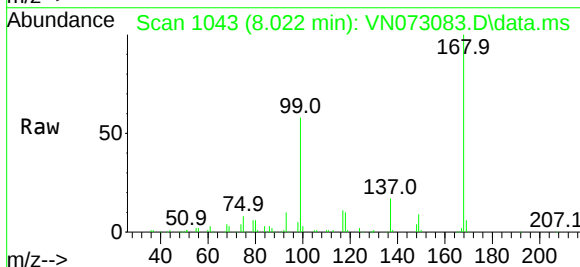
Tgt Ion: 56 Resp: 6950

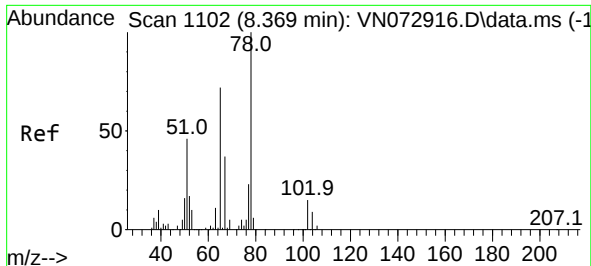
Ion Ratio Lower Upper

56 100

69 143.5 27.8 41.8#

84 132.6 76.9 115.3#

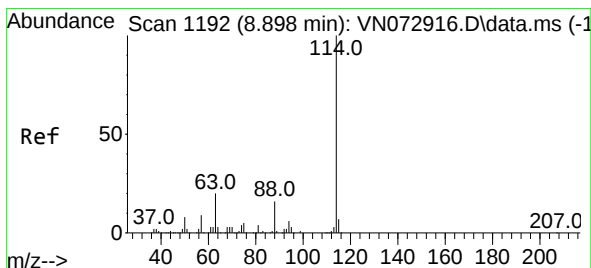
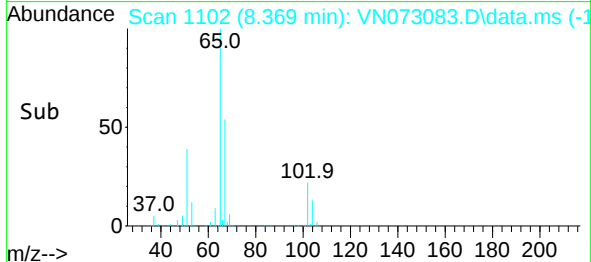
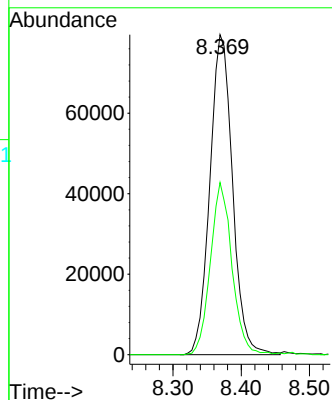
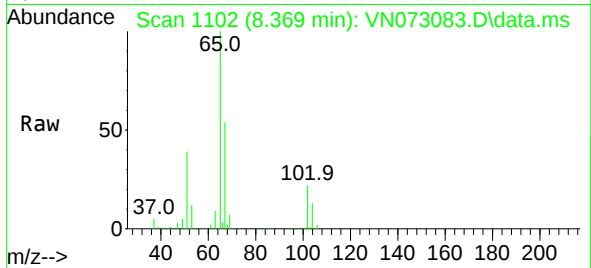




#33
1,2-Dichloroethane-d4
Concen: 44.021 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073083.D
Acq: 24 Jun 2022 14:46

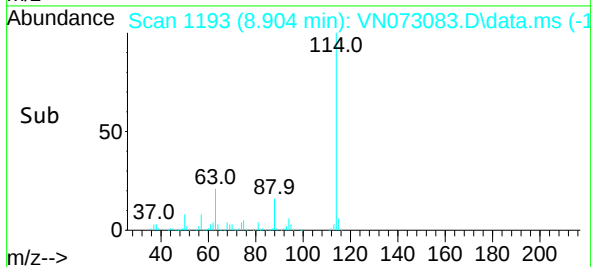
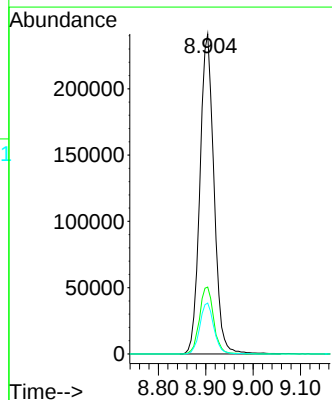
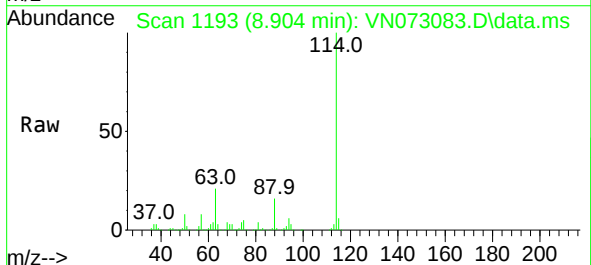
Instrument :
MSVOA_N
ClientSampleId :
IBLK

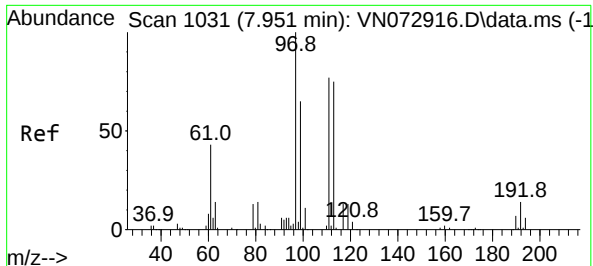
Tgt Ion: 65 Resp: 183834
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.006 min
Lab File: VN073083.D
Acq: 24 Jun 2022 14:46

Tgt Ion: 114 Resp: 497708
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.0
88 15.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.870 ug/l

RT: 7.951 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073083.D

Acq: 24 Jun 2022 14:46

Instrument :

MSVOA_N

ClientSampleId :

IBLK

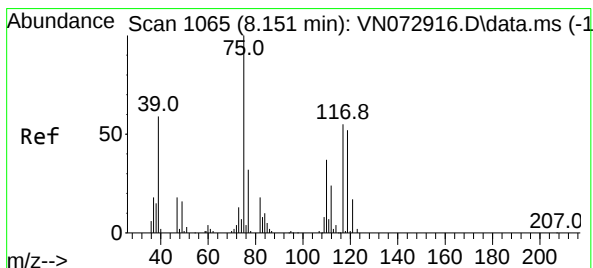
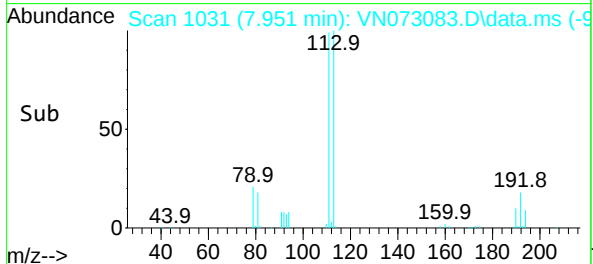
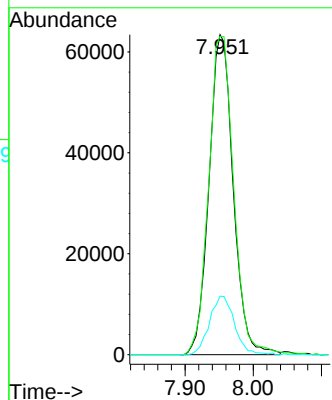
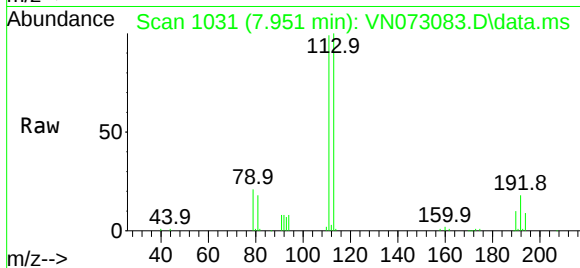
Tgt Ion:113 Resp: 156492

Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

192 18.9 17.0 25.6



#36

1,1-Dichloropropene

Concen: 6.026 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.135 min

Lab File: VN073083.D

Acq: 24 Jun 2022 14:46

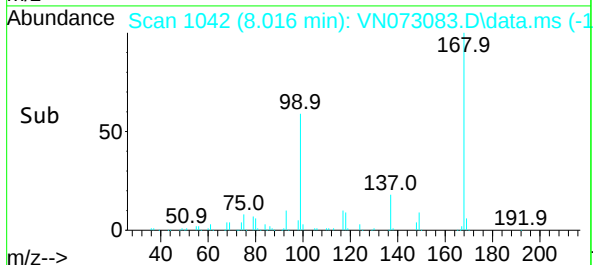
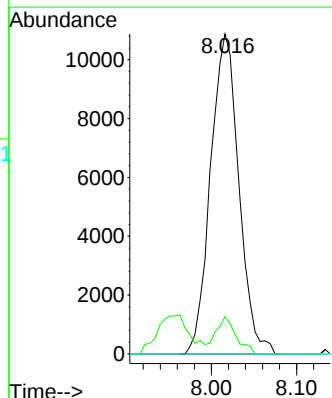
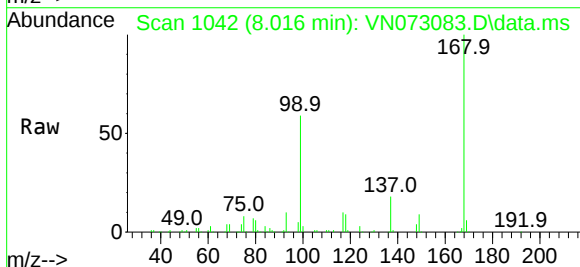
Tgt Ion: 75 Resp: 25085

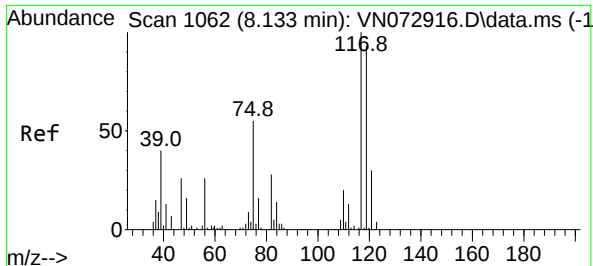
Ion Ratio Lower Upper

75 100

110 8.4 18.3 54.8#

77 0.0 25.1 37.7#

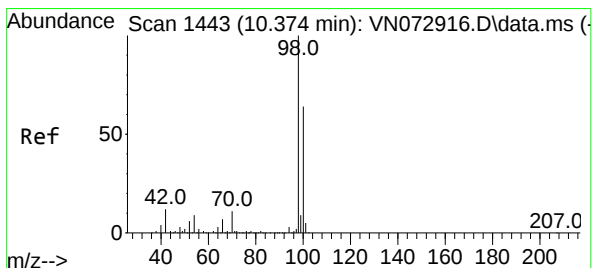
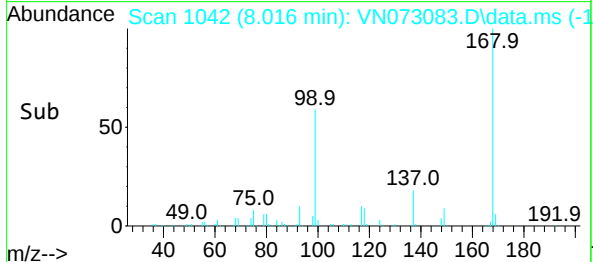
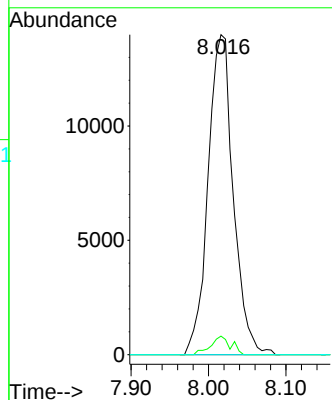
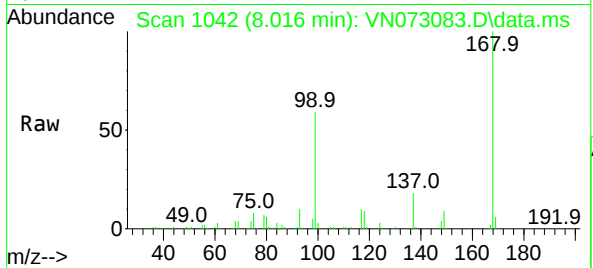




#38
Carbon Tetrachloride
Concen: 7.243 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.117 min
Lab File: VN073083.D
Acq: 24 Jun 2022 14:46

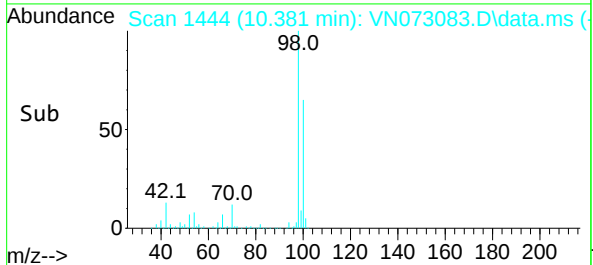
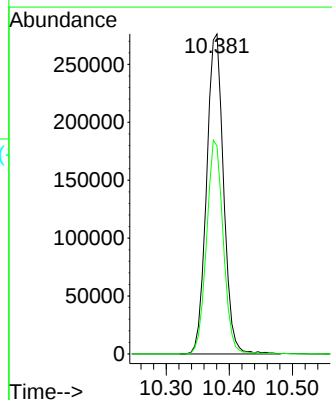
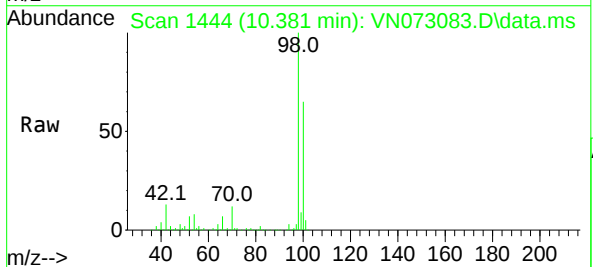
Instrument :
MSVOA_N
ClientSampleId :
IBLK

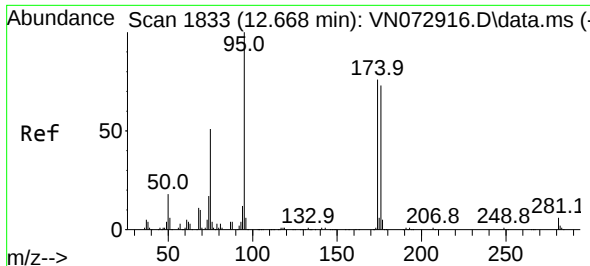
Tgt Ion:117 Resp: 31713
Ion Ratio Lower Upper
117 100
119 5.8 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 44.921 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN073083.D
Acq: 24 Jun 2022 14:46

Tgt Ion: 98 Resp: 514209
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8

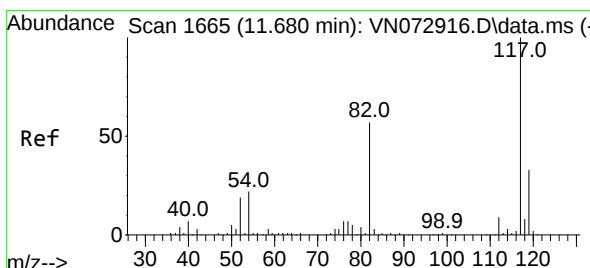
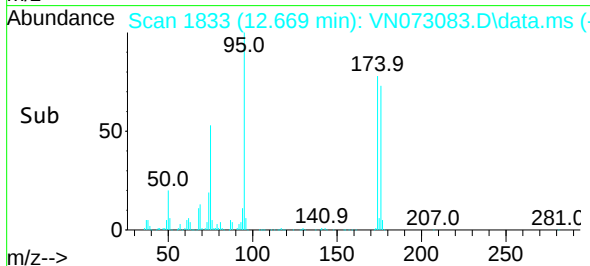
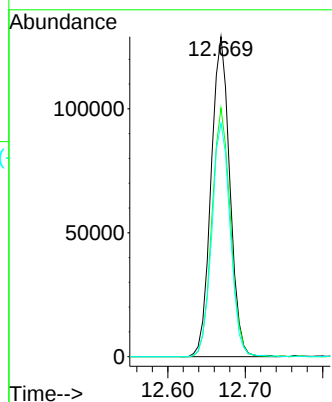
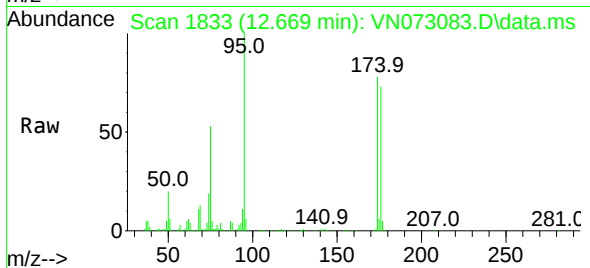




#62
4-Bromofluorobenzene
Concen: 52.698 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073083.D
Acq: 24 Jun 2022 14:46

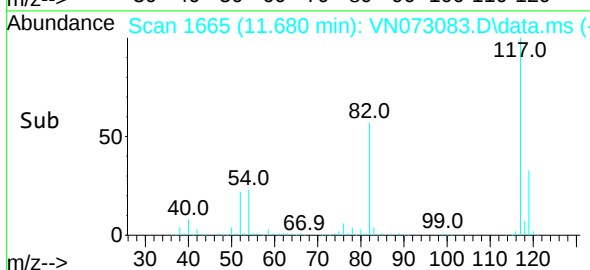
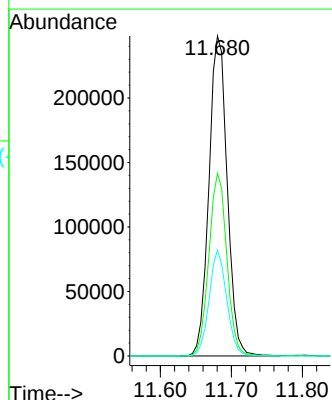
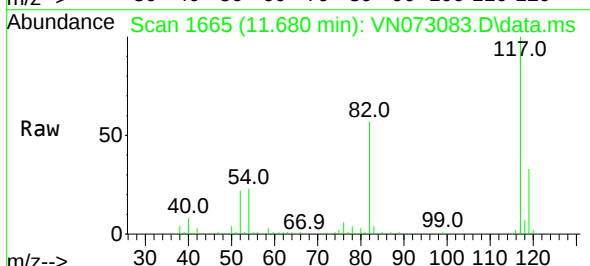
Instrument :
MSVOA_N
ClientSampleId :
IBLK

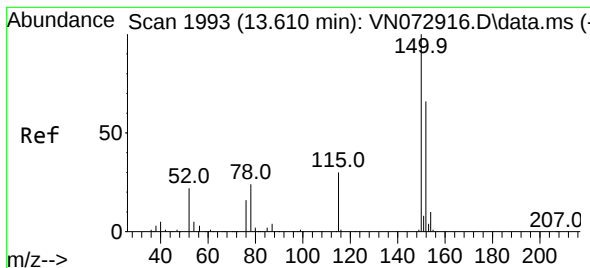
Tgt Ion: 95 Resp: 216915
Ion Ratio Lower Upper
95 100
174 76.3 0.0 167.6
176 71.9 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073083.D
Acq: 24 Jun 2022 14:46

Tgt Ion: 117 Resp: 443725
Ion Ratio Lower Upper
117 100
82 57.0 44.2 66.2
119 33.2 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.610 min Scan# 1993

Delta R.T. 0.000 min

Lab File: VN073083.D

Acq: 24 Jun 2022 14:46

Instrument :

MSVOA_N

ClientSampleId :

IBLK

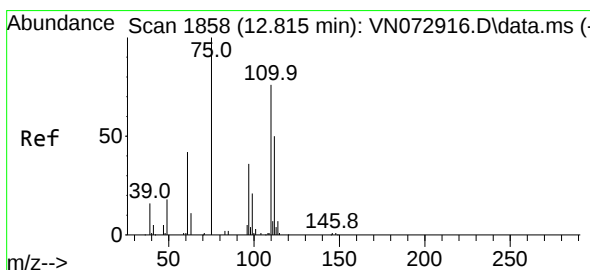
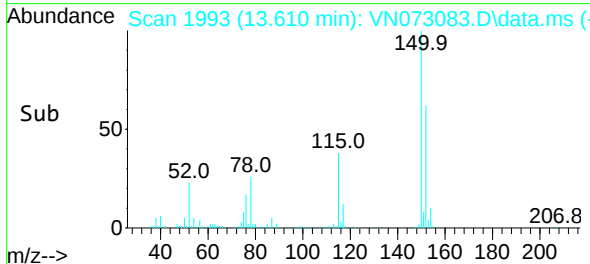
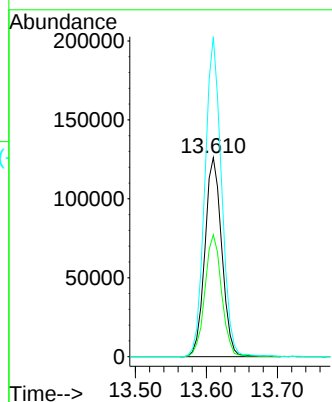
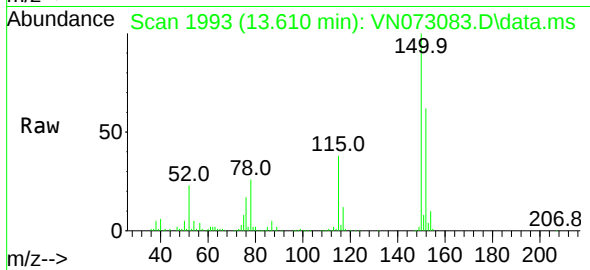
Tgt Ion:152 Resp: 208548

Ion Ratio Lower Upper

152 100

115 60.9 28.9 86.7

150 158.4 0.0 356.2



#76

1,2,3-Trichloropropane

Concen: 22.298 ug/l

RT: 12.669 min Scan# 1833

Delta R.T. -0.147 min

Lab File: VN073083.D

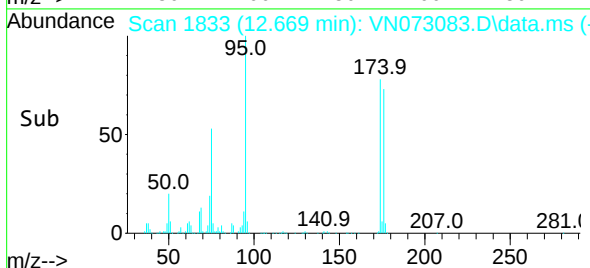
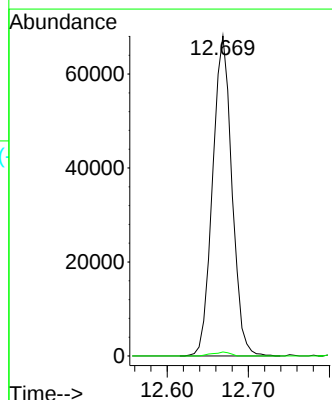
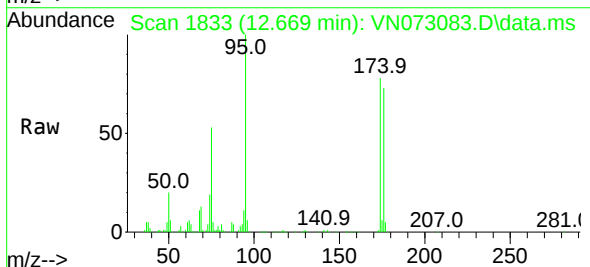
Acq: 24 Jun 2022 14:46

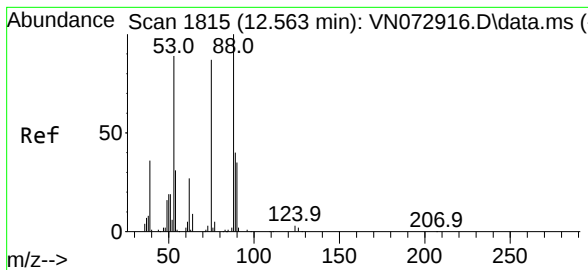
Tgt Ion: 75 Resp: 112744

Ion Ratio Lower Upper

75 100

77 1.1 98.5 295.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.219 ug/l
 RT: 12.669 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN073083.D
 Acq: 24 Jun 2022 14:46

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tgt Ion: 75 Resp: 112744
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 37.2 55.8#

