

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071122\
 Data File : VN073421.D
 Acq On : 11 Jul 2022 15:55
 Operator : JC\MD
 Sample : N3651-13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SW-5

Quant Time: Jul 12 07:28:04 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)

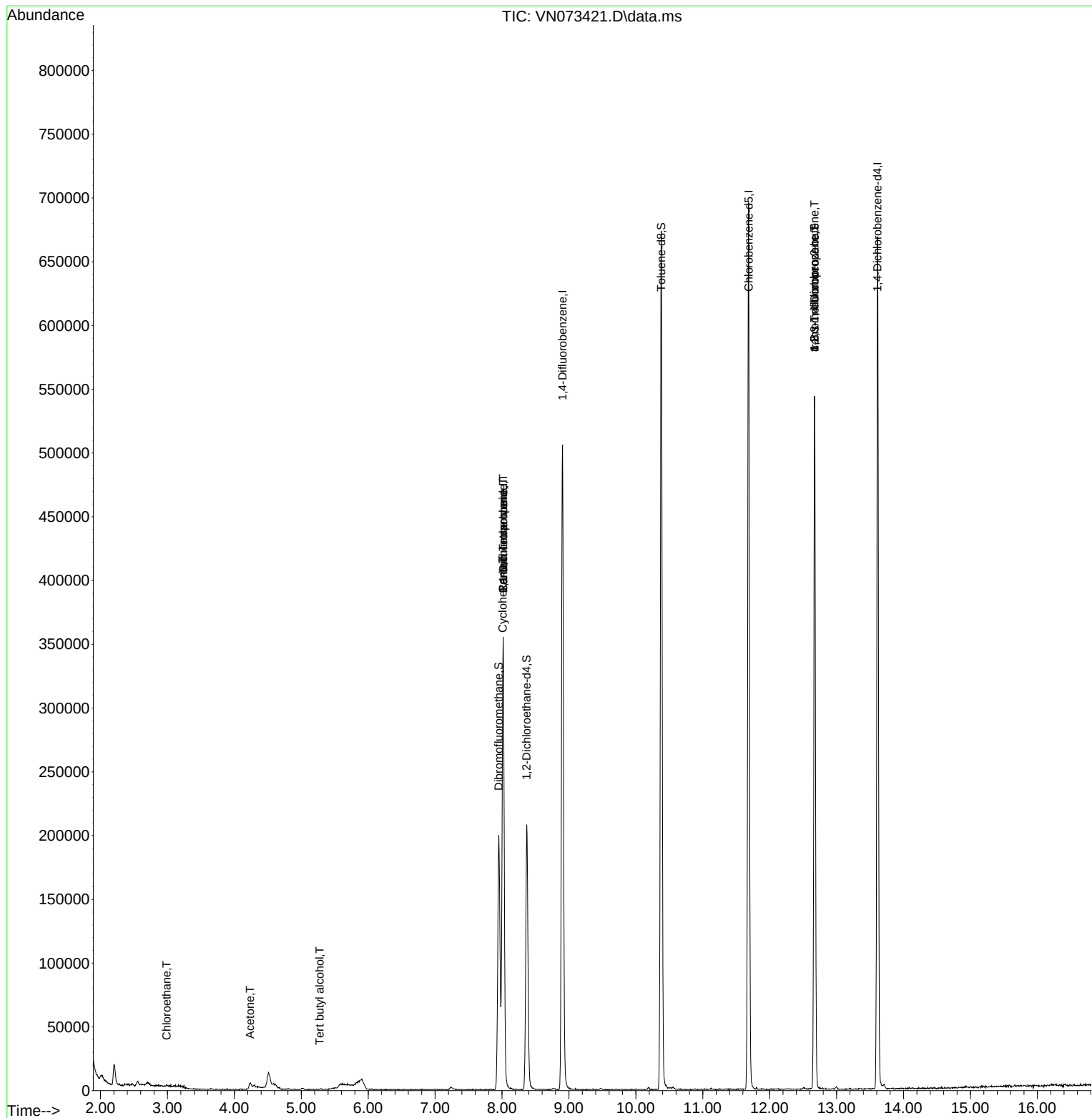
Internal Standards						
1) Pentafluorobenzene	8.016	168	260283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	440898	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	391741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	178524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	175349	46.667	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.340%
35) Dibromofluoromethane	7.951	113	147040	50.127	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.260%
50) Toluene-d8	10.381	98	463534	44.492	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.980%
62) 4-Bromofluorobenzene	12.669	95	186515	46.586	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.180%
Target Compounds						
					Qvalue	
6) Chloroethane	2.987	64	531	0.288	ug/l #	42
11) Tert butyl alcohol	5.275	59	304	0.334	ug/l #	72
16) Acetone	4.234	43	10346	4.905	ug/l #	78
31) Cyclohexane	8.010	56	6827	1.109	ug/l #	45
36) 1,1-Dichloropropene	8.016	75	22119	4.901	ug/l #	49
38) Carbon Tetrachloride	8.016	117	27539	5.900	ug/l #	17
76) 1,2,3-Trichloropropane	12.669	75	98670	21.137	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	98670	57.968	ug/l #	10

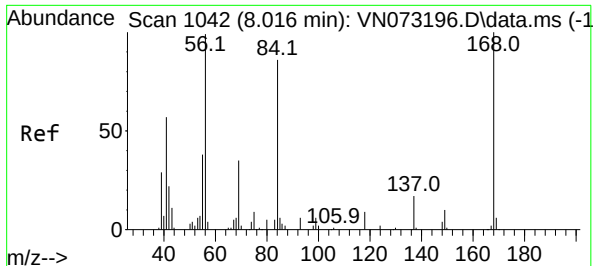
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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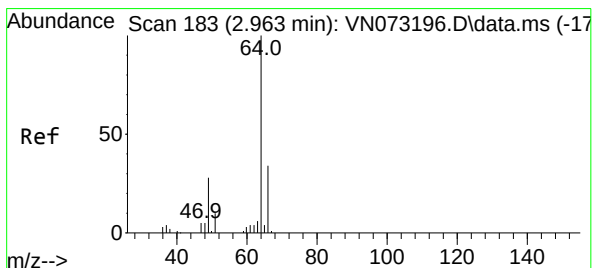
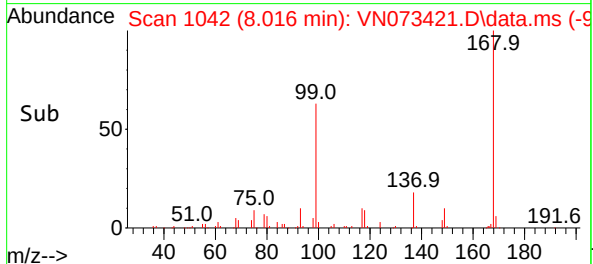
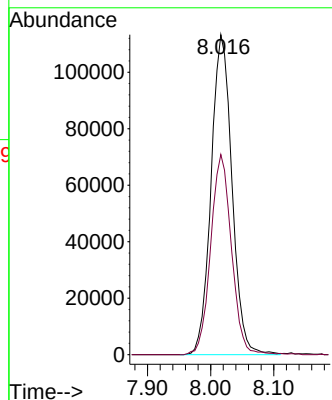
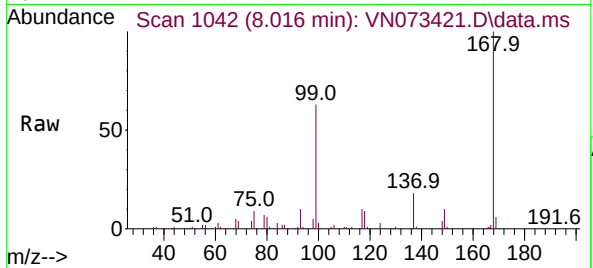




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073421.D
Acq: 11 Jul 2022 15:55

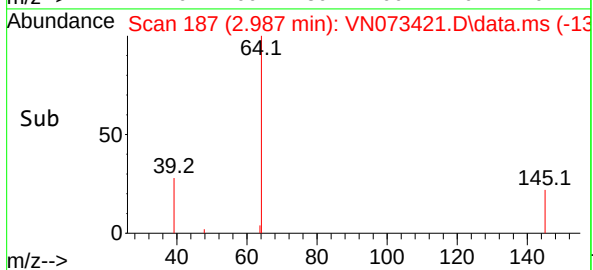
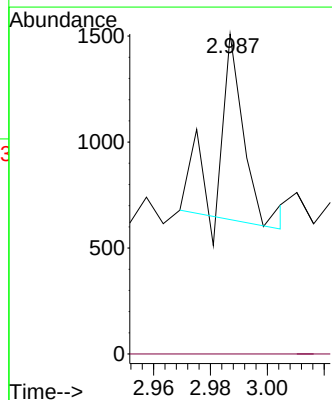
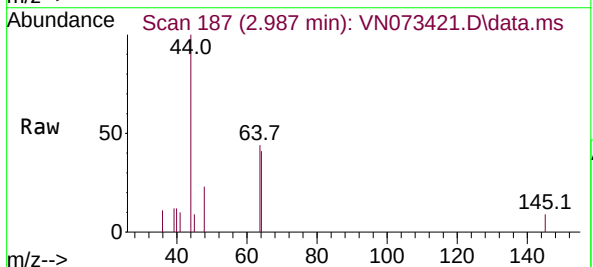
Instrument :
MSVOA_N
ClientSampleId :
SW-5

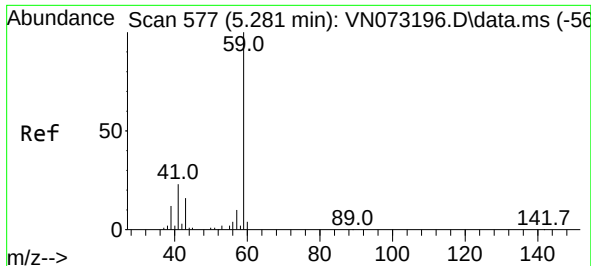
Tgt Ion:168 Resp: 260283
Ion Ratio Lower Upper
168 100
99 62.6 42.3 63.5



#6
Chloroethane
Concen: 0.288 ug/l
RT: 2.987 min Scan# 187
Delta R.T. 0.024 min
Lab File: VN073421.D
Acq: 11 Jul 2022 15:55

Tgt Ion: 64 Resp: 531
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#





#11

Tert butyl alcohol

Concen: 0.334 ug/l

RT: 5.275 min Scan# 51

Delta R.T. -0.006 min

Lab File: VN073421.D

Acq: 11 Jul 2022 15:55

Instrument :

MSVOA_N

ClientSampleId :

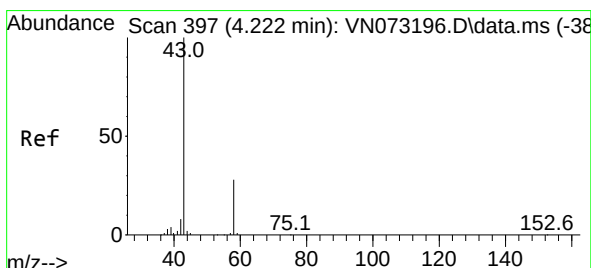
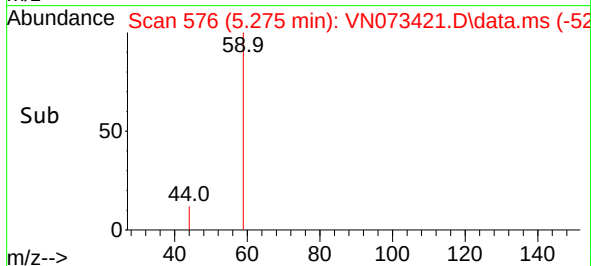
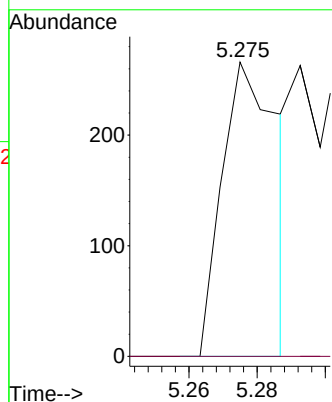
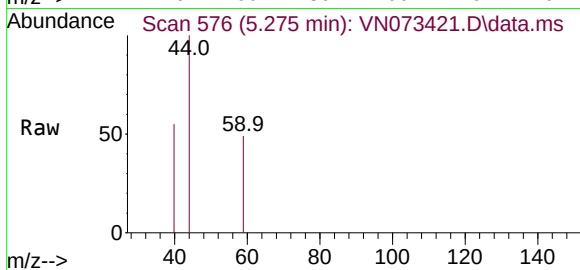
SW-5

Tgt Ion: 59 Resp: 304

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 4.905 ug/l

RT: 4.234 min Scan# 399

Delta R.T. 0.012 min

Lab File: VN073421.D

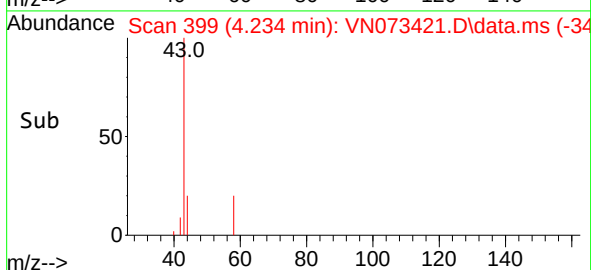
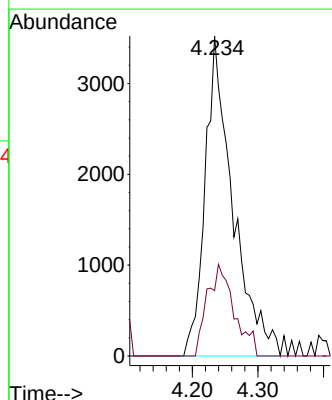
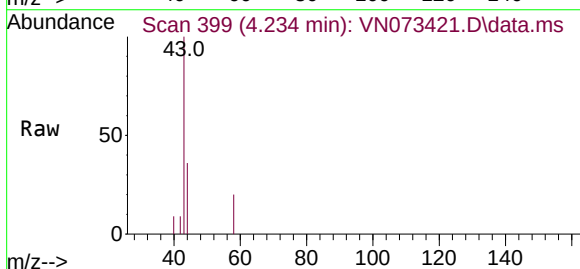
Acq: 11 Jul 2022 15:55

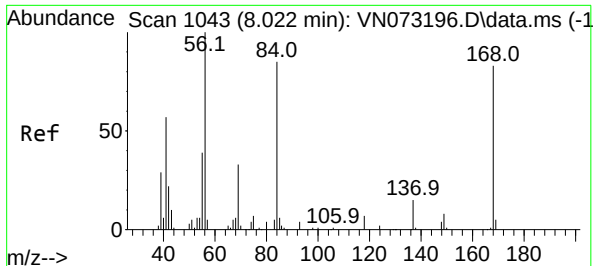
Tgt Ion: 43 Resp: 10346

Ion Ratio Lower Upper

43 100

58 20.4 26.0 39.0#





#31

Cyclohexane

Concen: 1.109 ug/l

RT: 8.010 min Scan# 1041

Delta R.T. -0.012 min

Lab File: VN073421.D

Acq: 11 Jul 2022 15:55

Instrument :

MSVOA_N

ClientSampleId :

SW-5

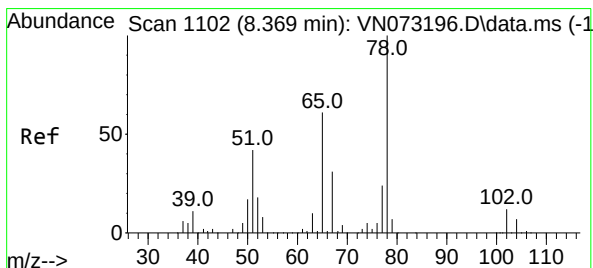
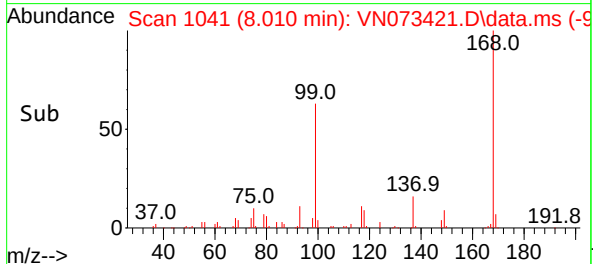
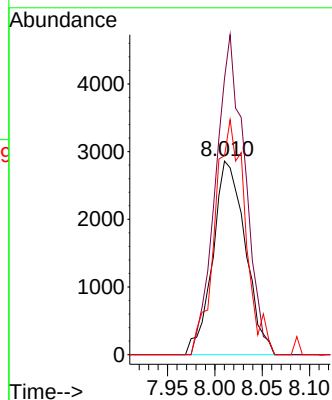
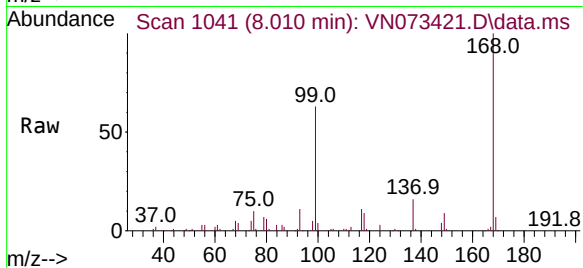
Tgt Ion: 56 Resp: 6827

Ion Ratio Lower Upper

56 100

69 142.7 27.8 41.8#

84 102.8 76.9 115.3



#33

1,2-Dichloroethane-d4

Concen: 46.667 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073421.D

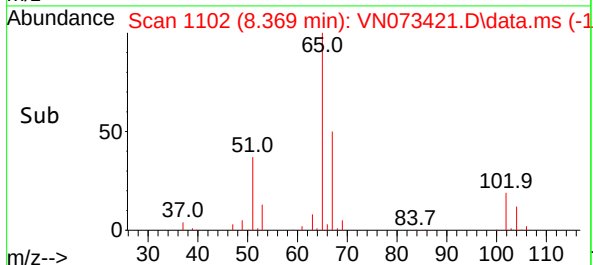
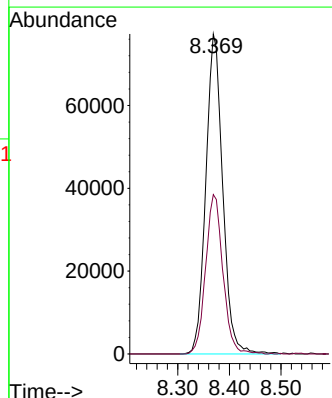
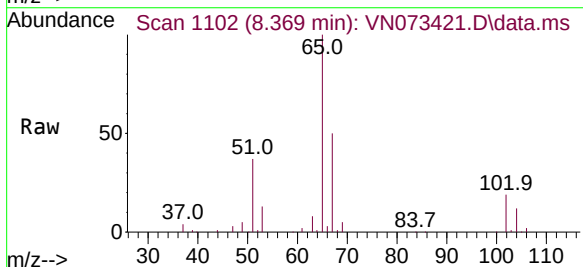
Acq: 11 Jul 2022 15:55

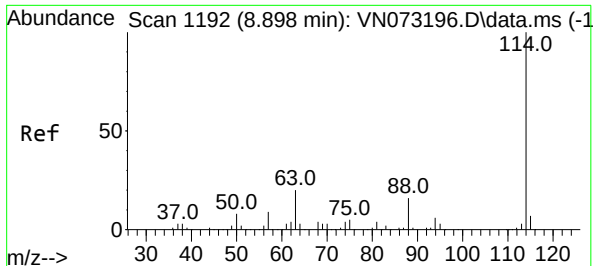
Tgt Ion: 65 Resp: 175349

Ion Ratio Lower Upper

65 100

67 50.9 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: VN073421.D

Acq: 11 Jul 2022 15:55

Instrument :

MSVOA_N

ClientSampleId :

SW-5

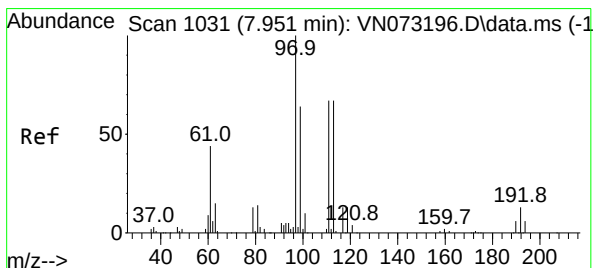
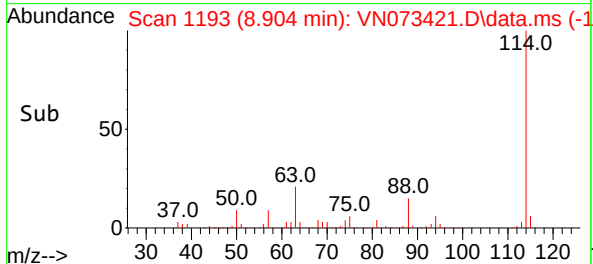
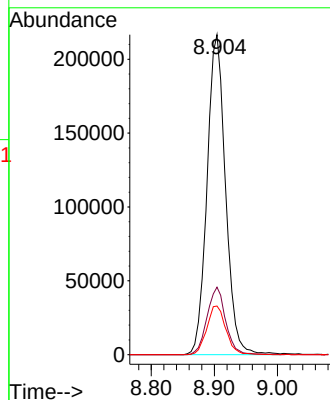
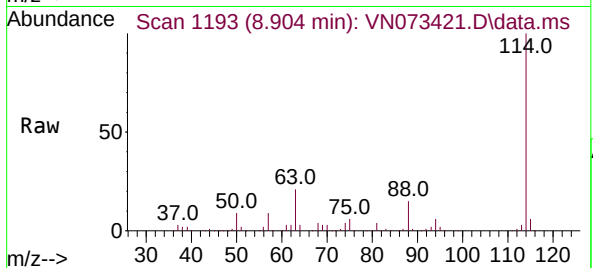
Tgt Ion:114 Resp: 440898

Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.0

88 15.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.127 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073421.D

Acq: 11 Jul 2022 15:55

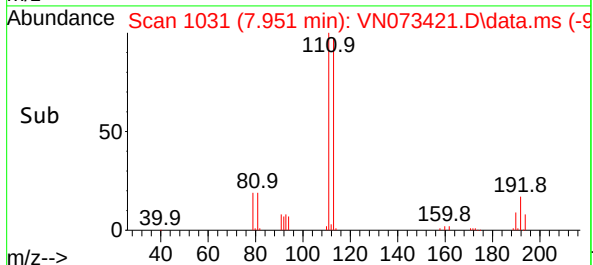
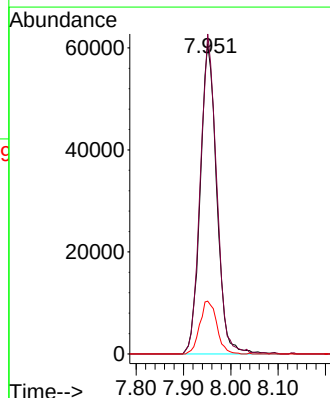
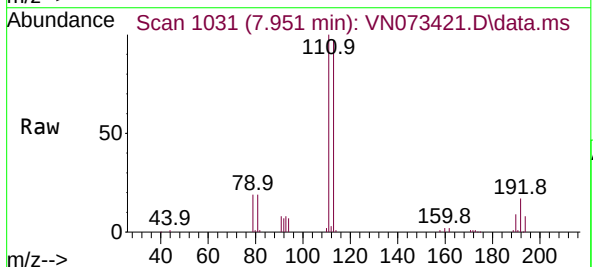
Tgt Ion:113 Resp: 147040

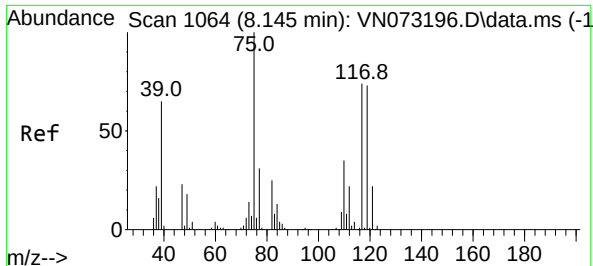
Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

192 17.6 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.901 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073421.D

Acq: 11 Jul 2022 15:55

Instrument :

MSVOA_N

ClientSampleId :

SW-5

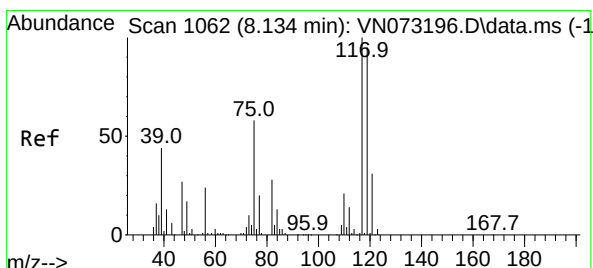
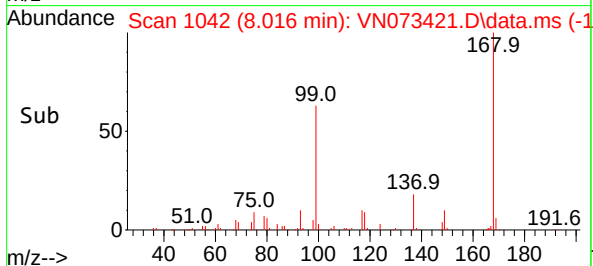
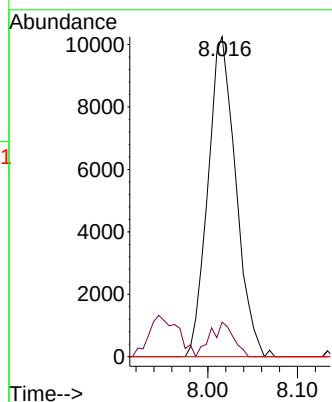
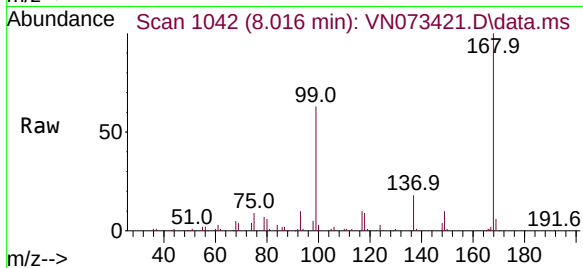
Tgt Ion: 75 Resp: 22119

Ion Ratio Lower Upper

75 100

110 8.9 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.900 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.118 min

Lab File: VN073421.D

Acq: 11 Jul 2022 15:55

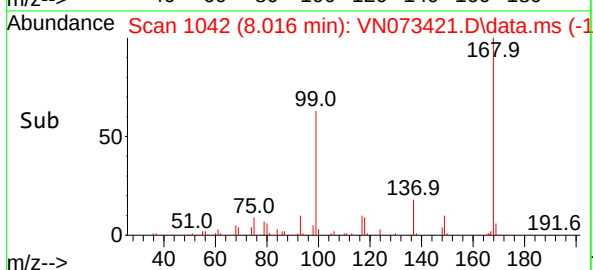
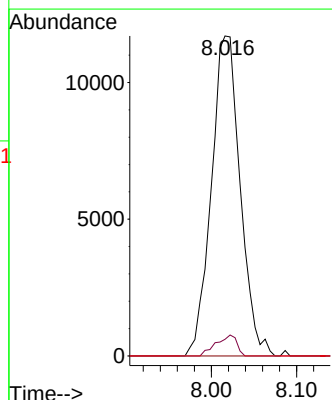
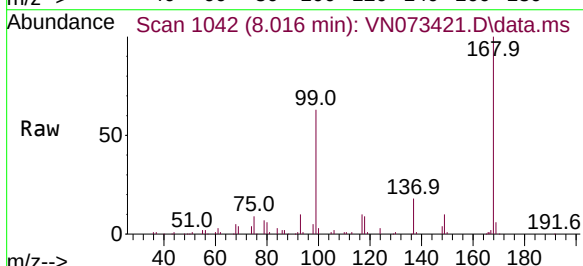
Tgt Ion: 117 Resp: 27539

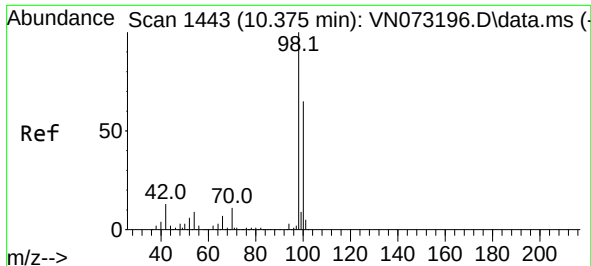
Ion Ratio Lower Upper

117 100

119 5.2 75.8 113.8#

121 0.0 24.6 37.0#

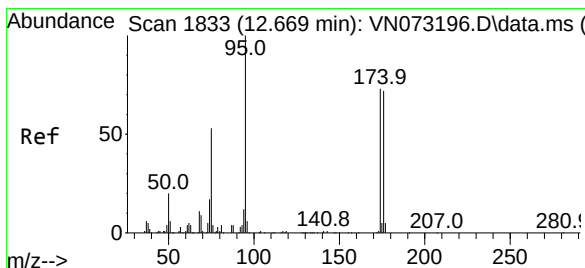
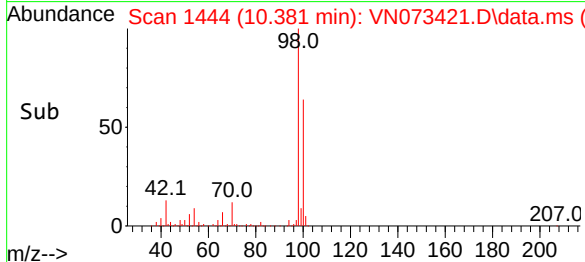
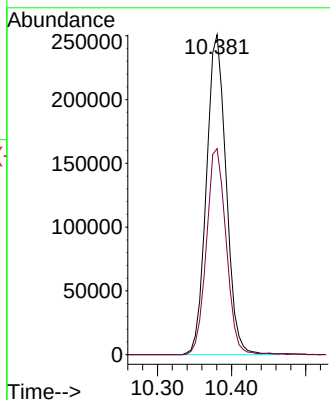
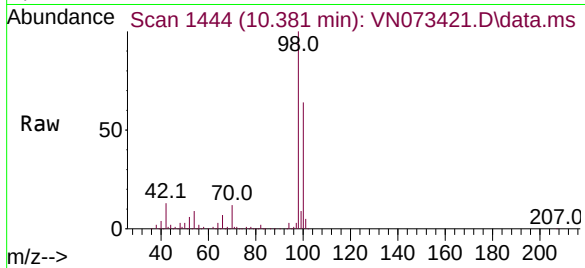




#50
Toluene-d8
Concen: 44.492 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN073421.D
Acq: 11 Jul 2022 15:55

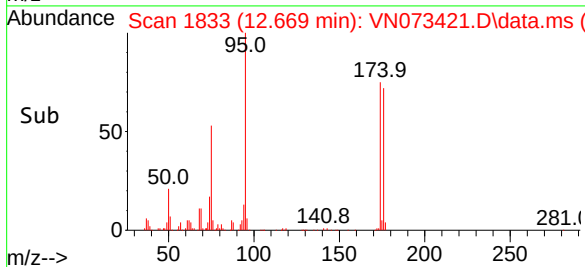
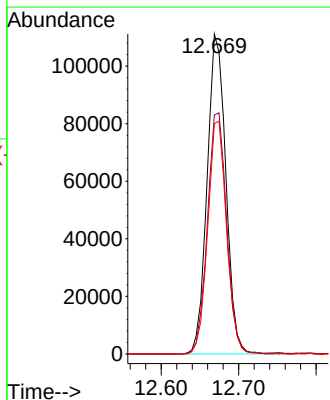
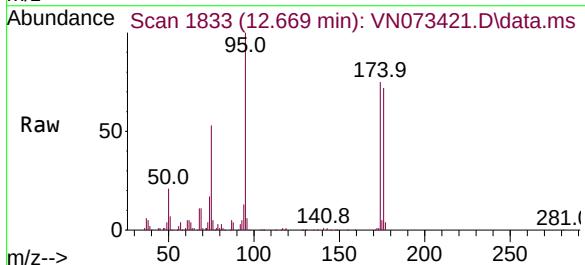
Instrument :
MSVOA_N
ClientSampleId :
SW-5

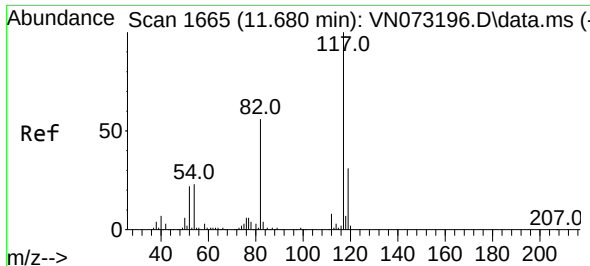
Tgt Ion: 98 Resp: 463534
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 46.586 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073421.D
Acq: 11 Jul 2022 15:55

Tgt Ion: 95 Resp: 186515
Ion Ratio Lower Upper
95 100
174 77.6 0.0 167.6
176 73.0 0.0 163.4

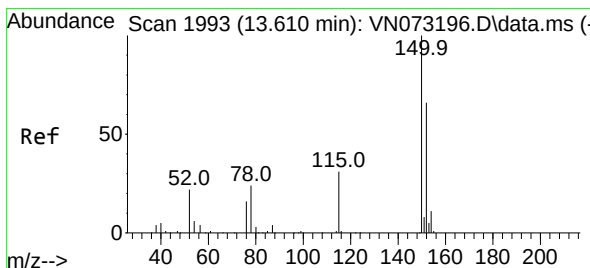
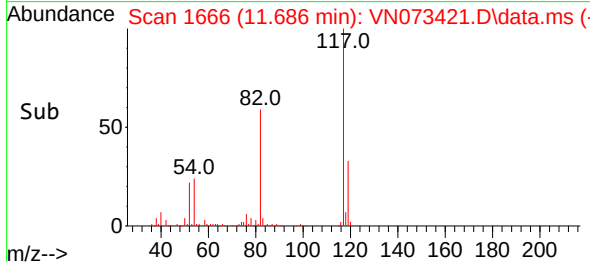
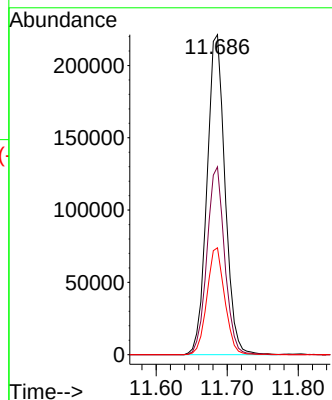
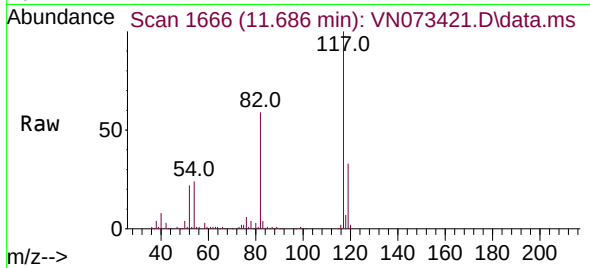




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073421.D
Acq: 11 Jul 2022 15:55

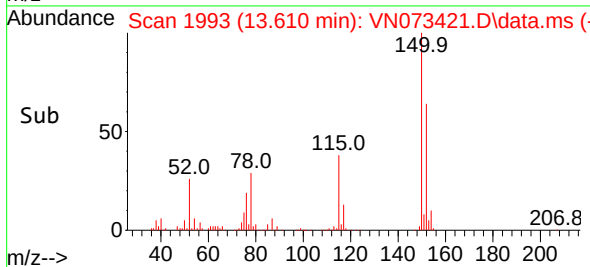
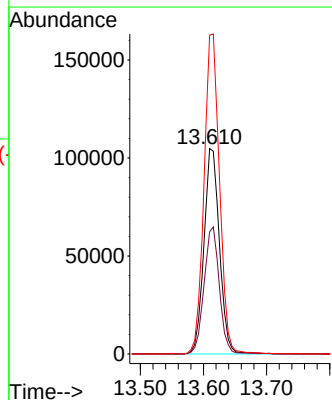
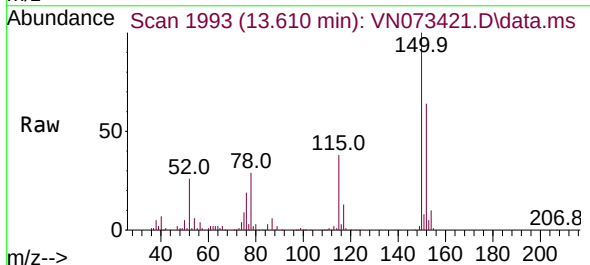
Instrument :
MSVOA_N
ClientSampleId :
SW-5

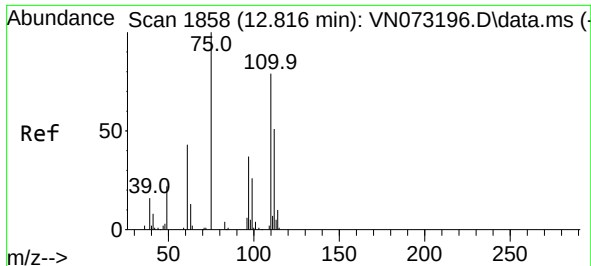
Tgt Ion:117 Resp: 391741
Ion Ratio Lower Upper
117 100
82 58.7 44.2 66.2
119 33.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073421.D
Acq: 11 Jul 2022 15:55

Tgt Ion:152 Resp: 178524
Ion Ratio Lower Upper
152 100
115 60.9 28.9 86.7
150 155.7 0.0 356.2

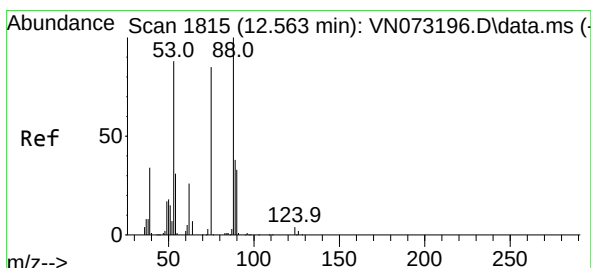
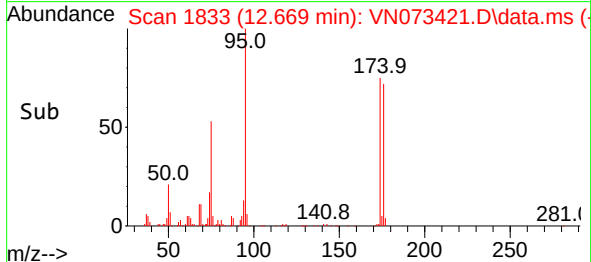
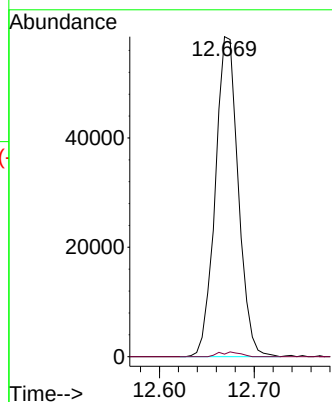
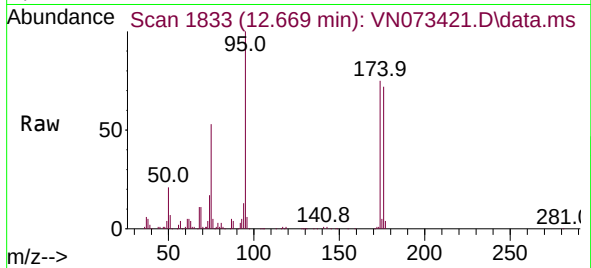




#76
1,2,3-Trichloropropane
Concen: 21.137 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.147 min
Lab File: VN073421.D
Acq: 11 Jul 2022 15:55

Instrument :
MSVOA_N
ClientSampleId :
SW-5

Tgt Ion: 75 Resp: 98670
Ion Ratio Lower Upper
75 100
77 1.4 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.968 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN073421.D
Acq: 11 Jul 2022 15:55

Tgt Ion: 75 Resp: 98670
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

