

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062722\
 Data File : VN073177.D
 Acq On : 27 Jun 2022 22:33
 Operator : JC\MD
 Sample : VN0627WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627WBL02

Quant Time: Jun 28 06:40:19 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)

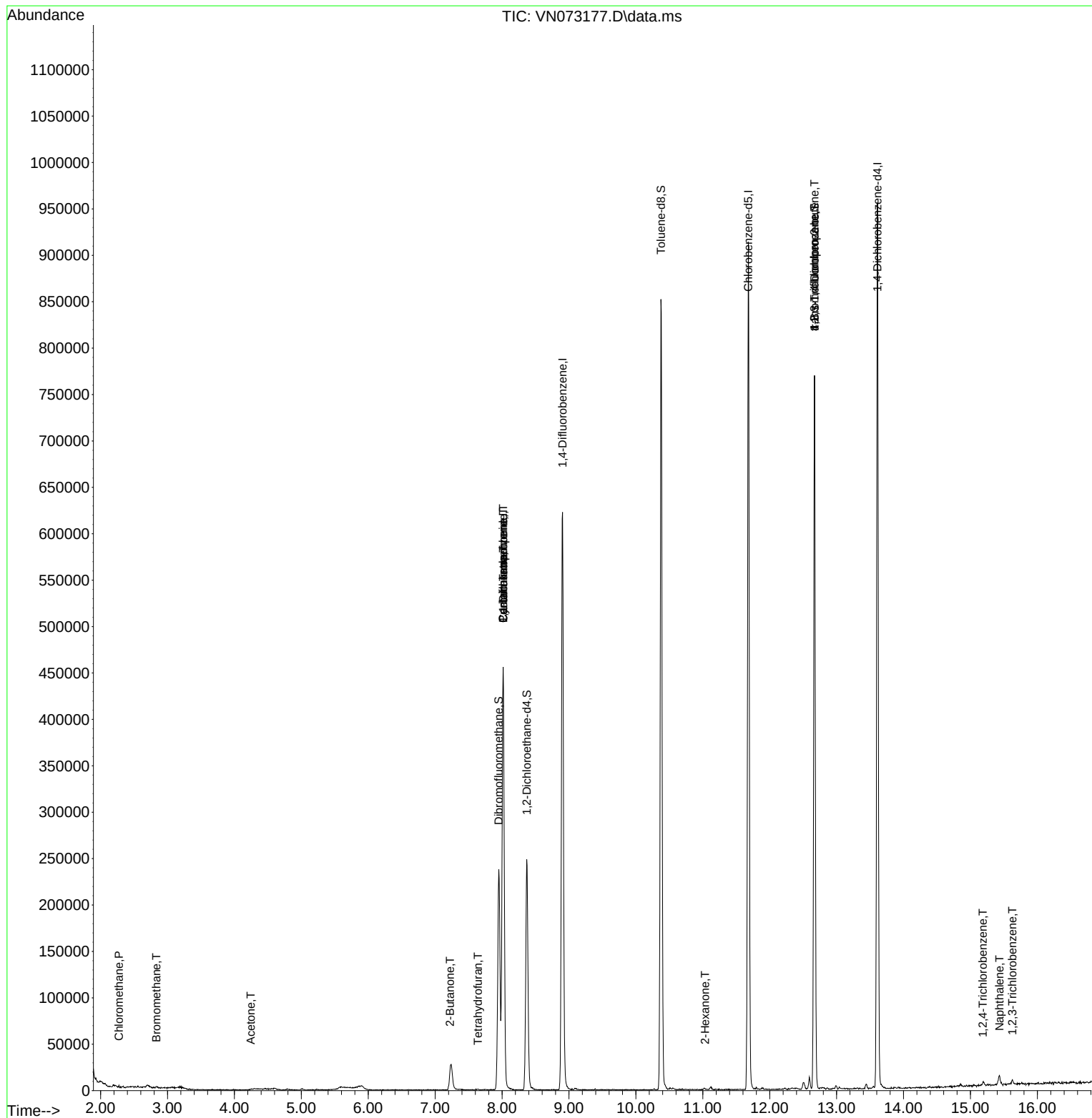
Internal Standards						
1) Pentafluorobenzene	8.016	168	351003	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	558389	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	518427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	258407	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	211113	44.487	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.980%
35) Dibromofluoromethane	7.951	113	176920	51.261	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.520%
50) Toluene-d8	10.374	98	585426	45.585	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.160%
62) 4-Bromofluorobenzene	12.668	95	265007	57.386	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.780%
Target Compounds						
					Qvalue	
3) Chloromethane	2.275	50	313	0.655	ug/l #	56
5) Bromomethane	2.834	94	392	0.332	ug/l	98
16) Acetone	4.245	43	1645	0.631	ug/l #	42
20) Methylene Chloride	5.022	84	946	Below Cal	#	48
25) 2-Butanone	7.222	43	1381	0.334	ug/l #	45
26) 2,2-Dichloropropane	7.245	77	1960	Below Cal	#	53
29) Tetrahydrofuran	7.639	42	755	0.276	ug/l #	59
31) Cyclohexane	8.016	56	8221	1.281	ug/l #	38
36) 1,1-Dichloropropene	8.016	75	27691	5.929	ug/l #	49
38) Carbon Tetrachloride	8.016	117	34766	7.077	ug/l #	15
59) 2-Hexanone	11.033	43	1900	0.353	ug/l	62
76) 1,2,3-Trichloropropane	12.668	75	135882	21.689	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	135882	58.574	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	14.580	75	60	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	15.186	180	1545	0.313	ug/l	83
95) Naphthalene	15.433	128	9851	0.493	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	1546	0.293	ug/l	83

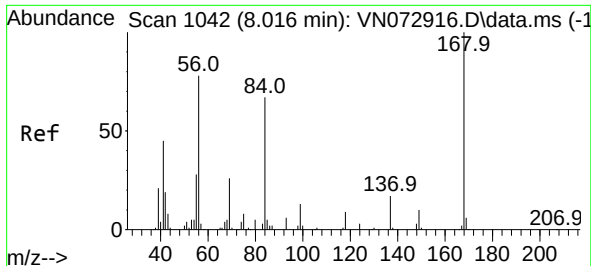
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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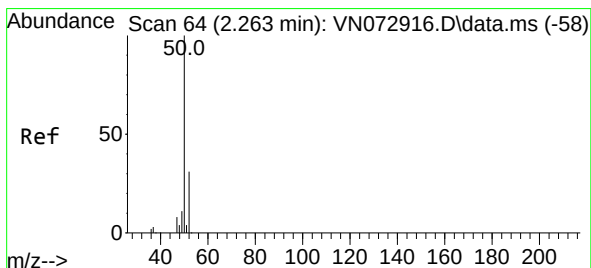
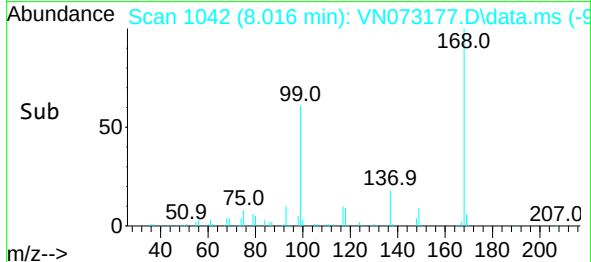
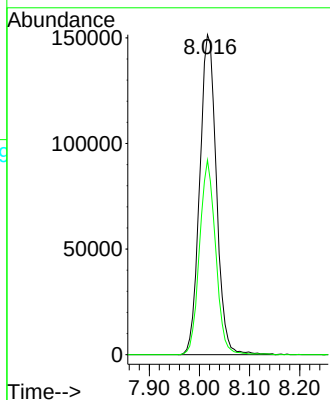
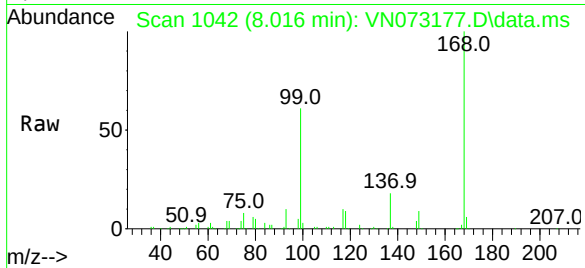




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073177.D
Acq: 27 Jun 2022 22:33

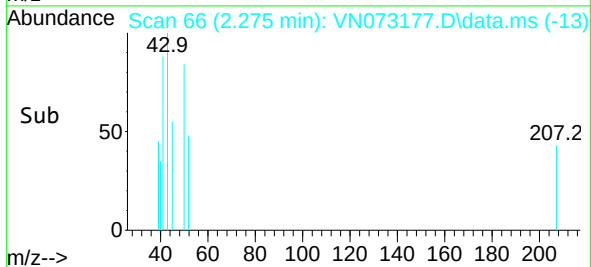
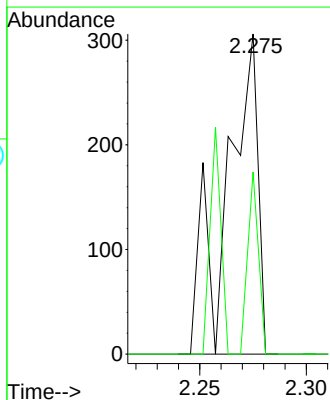
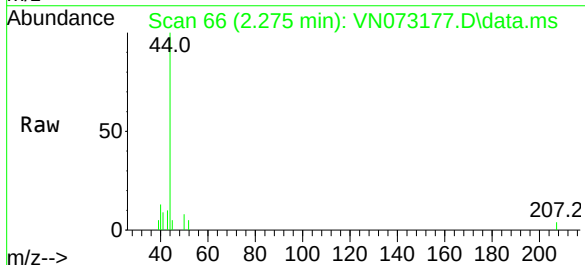
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBL02

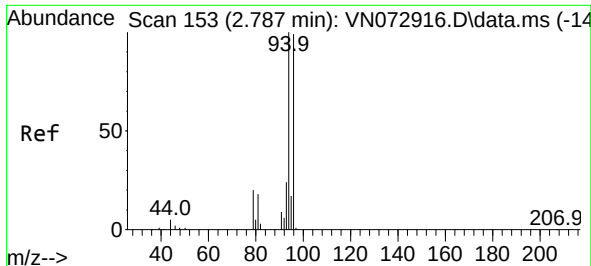
Tgt Ion:168 Resp: 351003
Ion Ratio Lower Upper
168 100
99 60.8 42.3 63.5



#3
Chloromethane
Concen: 0.655 ug/l
RT: 2.275 min Scan# 66
Delta R.T. 0.012 min
Lab File: VN073177.D
Acq: 27 Jun 2022 22:33

Tgt Ion: 50 Resp: 313
Ion Ratio Lower Upper
50 100
52 56.9 25.7 38.5#

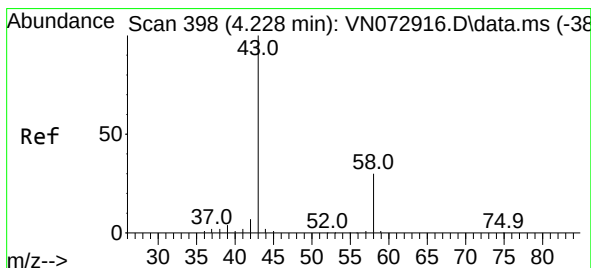
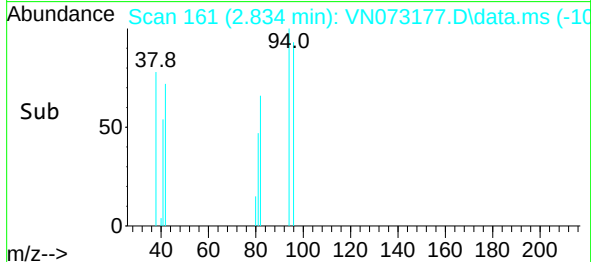
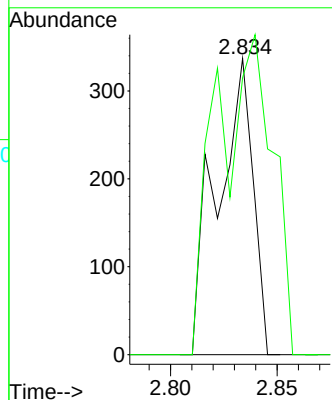
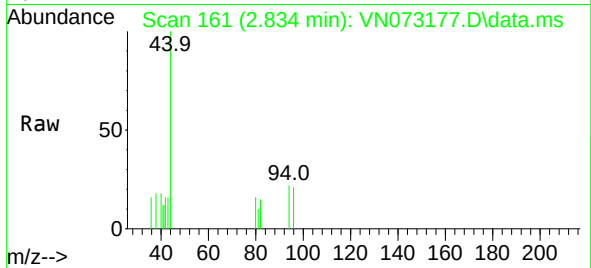




#5
Bromomethane
Concen: 0.332 ug/l
RT: 2.834 min Scan# 1
Delta R.T. 0.047 min
Lab File: VN073177.D
Acq: 27 Jun 2022 22:33

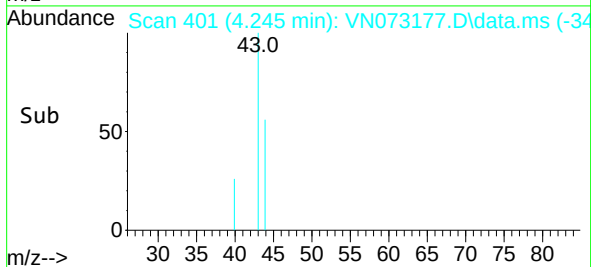
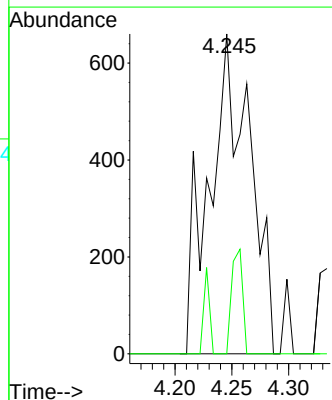
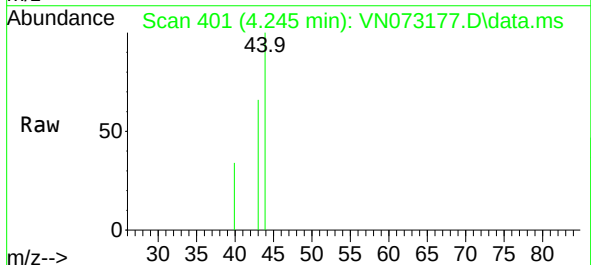
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBL02

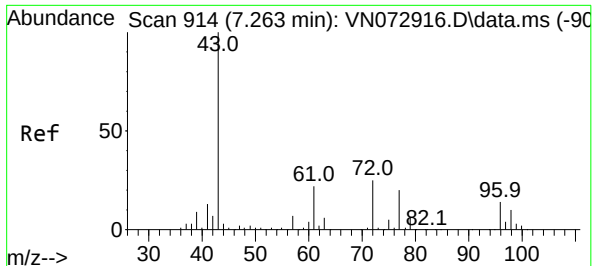
Tgt Ion: 94 Resp: 392
Ion Ratio Lower Upper
94 100
96 93.5 76.0 114.0



#16
Acetone
Concen: 0.631 ug/l
RT: 4.245 min Scan# 401
Delta R.T. 0.018 min
Lab File: VN073177.D
Acq: 27 Jun 2022 22:33

Tgt Ion: 43 Resp: 1645
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#





#25

2-Butanone

Concen: 0.334 ug/l

RT: 7.222 min Scan# 90

Delta R.T. -0.041 min

Lab File: VN073177.D

Acq: 27 Jun 2022 22:33

Instrument :

MSVOA_N

ClientSampleId :

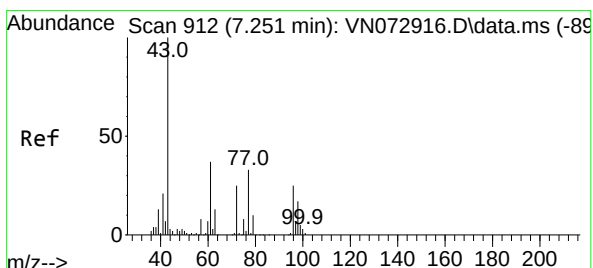
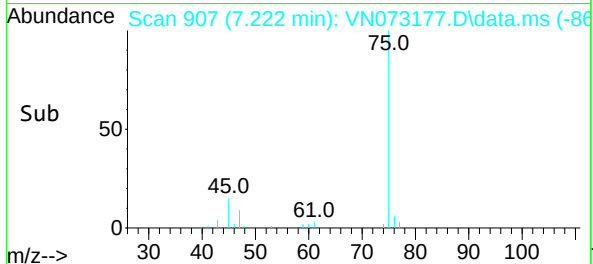
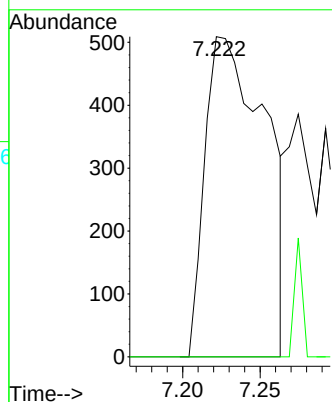
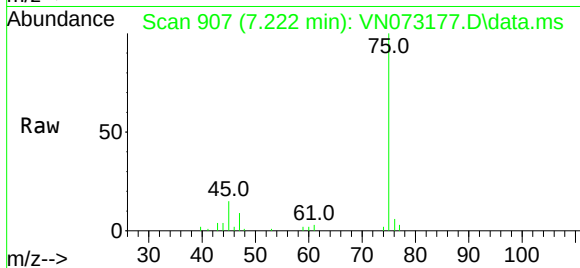
VN0627WBL02

Tgt Ion: 43 Resp: 1381

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#



#26

2,2-Dichloropropane

Concen: Below Cal

RT: 7.245 min Scan# 911

Delta R.T. -0.006 min

Lab File: VN073177.D

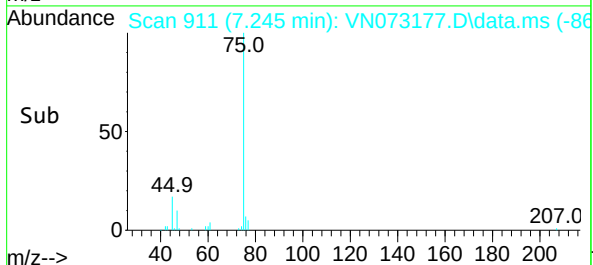
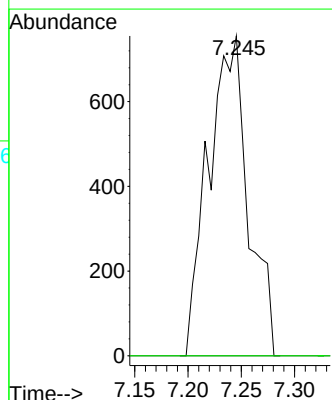
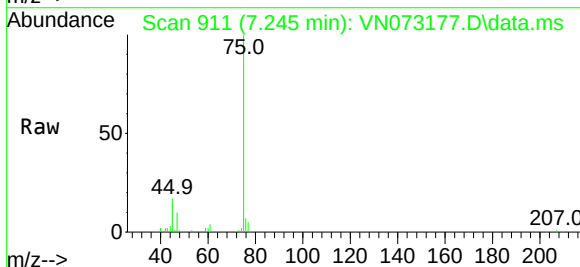
Acq: 27 Jun 2022 22:33

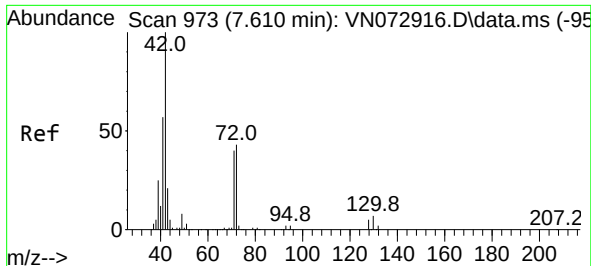
Tgt Ion: 77 Resp: 1960

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.2#





#29

Tetrahydrofuran

Concen: 0.276 ug/l

RT: 7.639 min Scan# 91

Delta R.T. 0.029 min

Lab File: VN073177.D

Acq: 27 Jun 2022 22:33

Instrument :

MSVOA_N

ClientSampleId :

VN0627WBL02

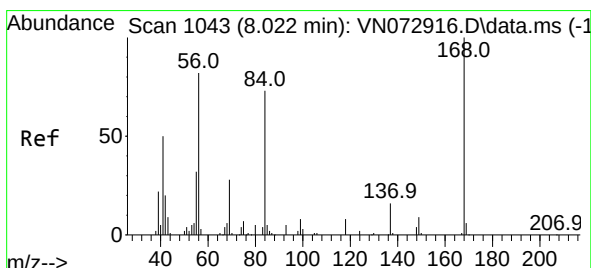
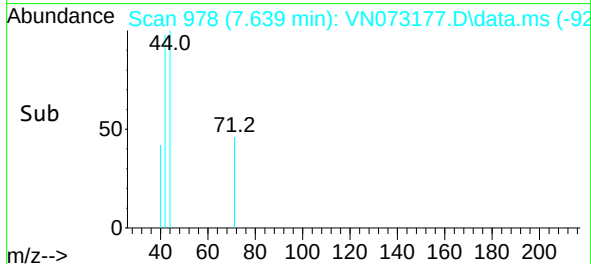
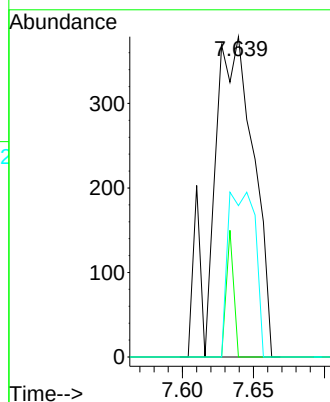
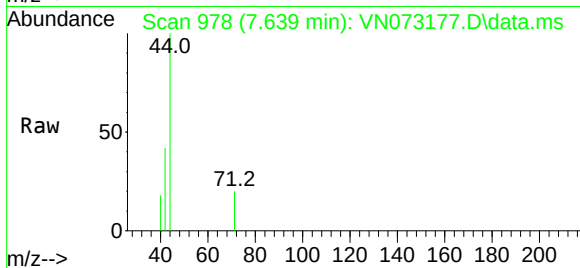
Tgt Ion: 42 Resp: 755

Ion Ratio Lower Upper

42 100

72 7.0 39.7 59.5#

71 34.4 36.6 55.0#



#31

Cyclohexane

Concen: 1.281 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VN073177.D

Acq: 27 Jun 2022 22:33

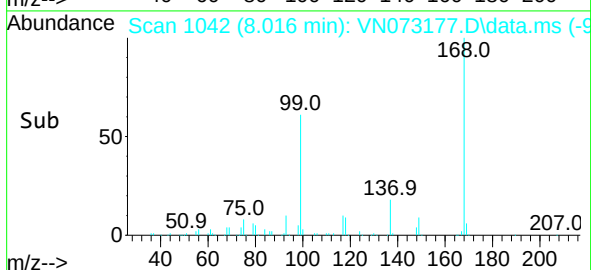
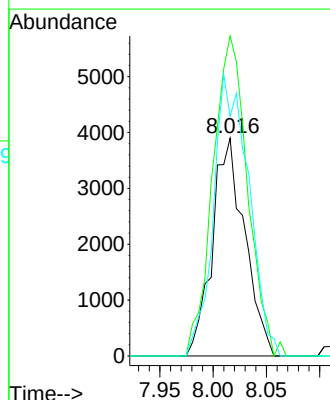
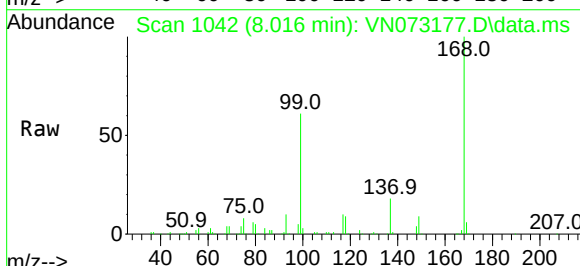
Tgt Ion: 56 Resp: 8221

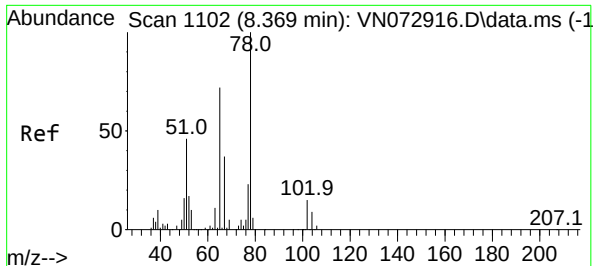
Ion Ratio Lower Upper

56 100

69 146.9 27.8 41.8#

84 110.0 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 44.487 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073177.D

Acq: 27 Jun 2022 22:33

Instrument :

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ClientSampleId :

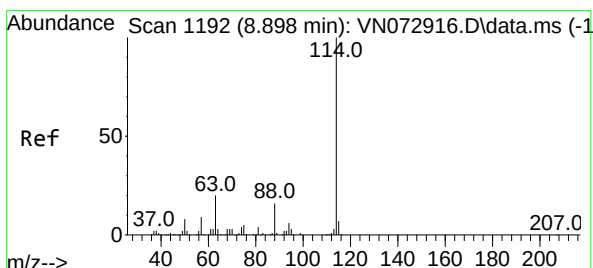
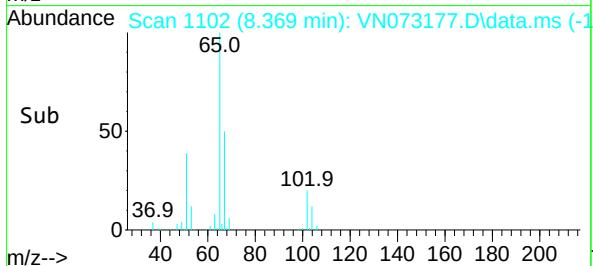
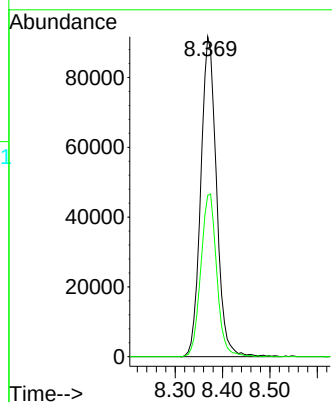
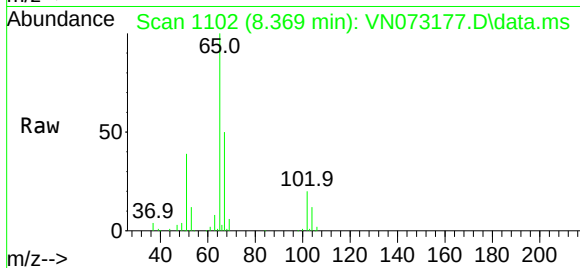
VN0627WBL02

Tgt Ion: 65 Resp: 211113

Ion Ratio Lower Upper

65 100

67 51.5 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: VN073177.D

Acq: 27 Jun 2022 22:33

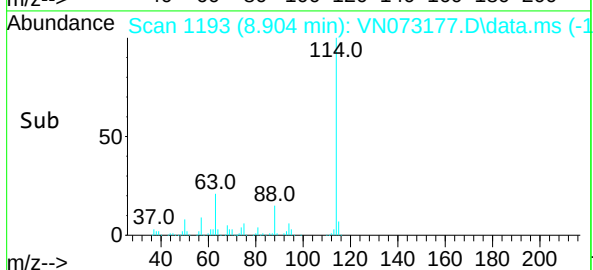
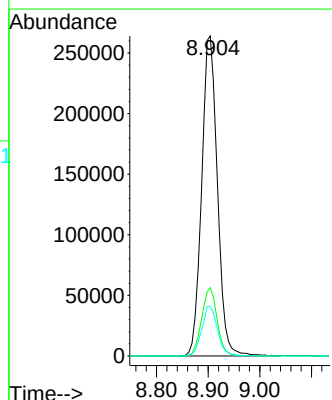
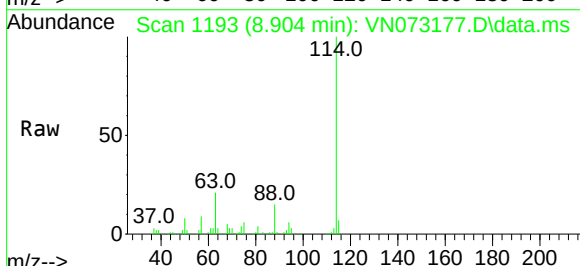
Tgt Ion: 114 Resp: 558389

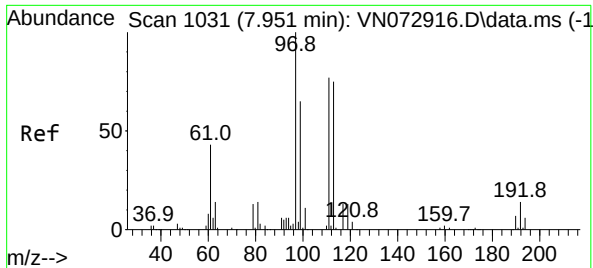
Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.0

88 15.4 0.0 32.6

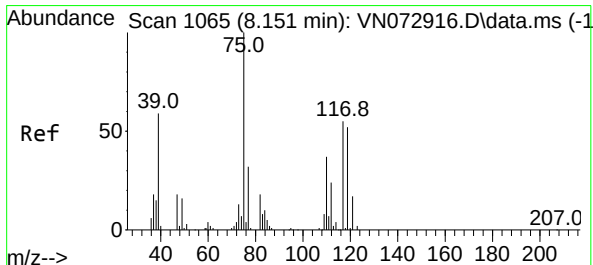
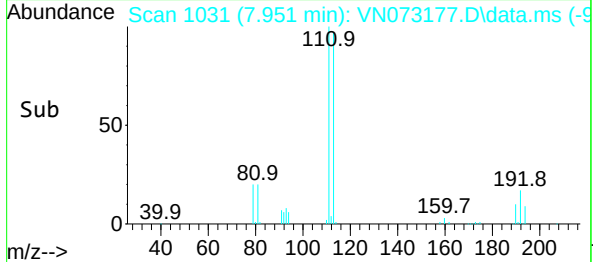
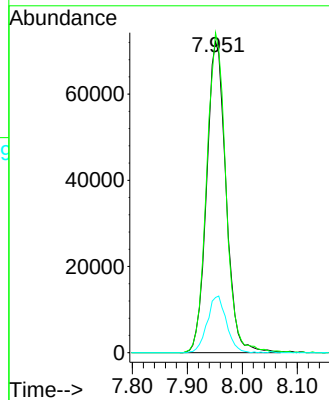
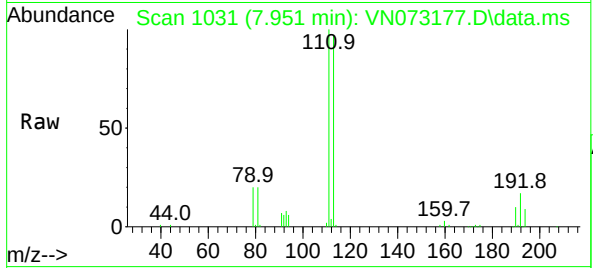




#35
Dibromofluoromethane
Concen: 51.261 ug/l
RT: 7.951 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VN073177.D
Acq: 27 Jun 2022 22:33

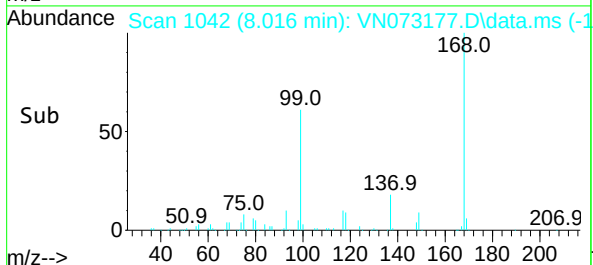
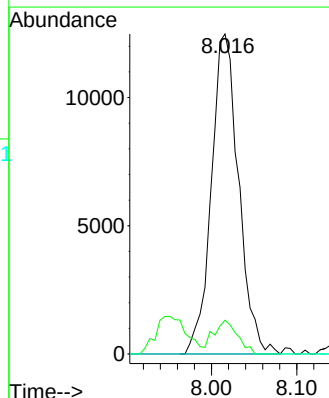
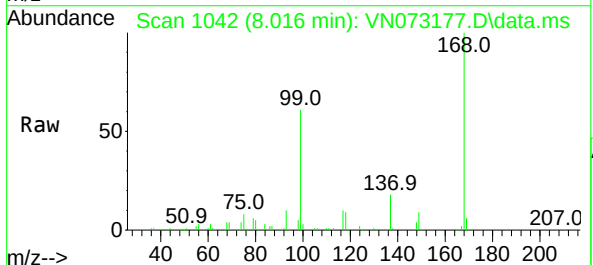
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VN0627WBL02

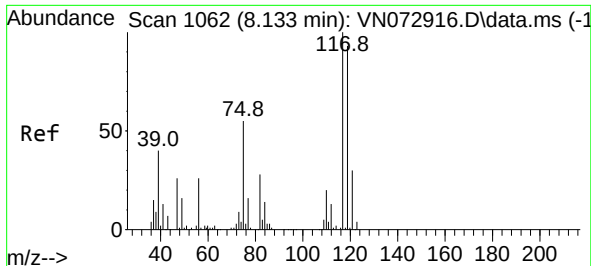
Tgt Ion:113 Resp: 176920
Ion Ratio Lower Upper
113 100
111 102.0 81.4 122.0
192 18.1 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.929 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN073177.D
Acq: 27 Jun 2022 22:33

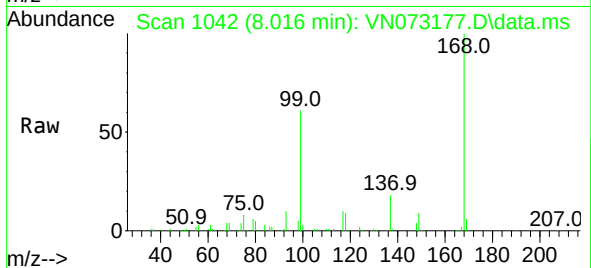
Tgt Ion: 75 Resp: 27691
Ion Ratio Lower Upper
75 100
110 9.1 18.3 54.8#
77 0.0 25.1 37.7#



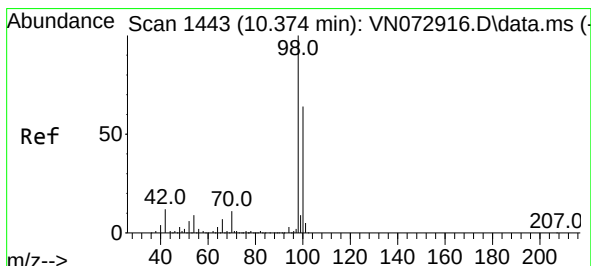
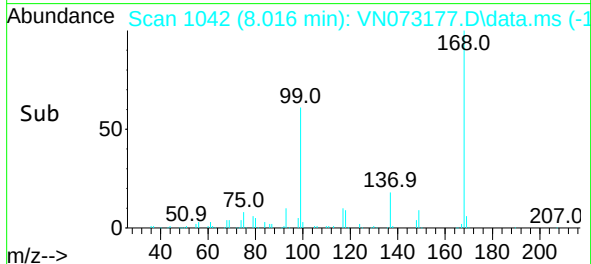
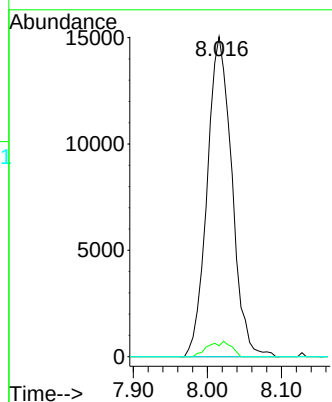


#38
Carbon Tetrachloride
Concen: 7.077 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.118 min
Lab File: VN073177.D
Acq: 27 Jun 2022 22:33

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBL02

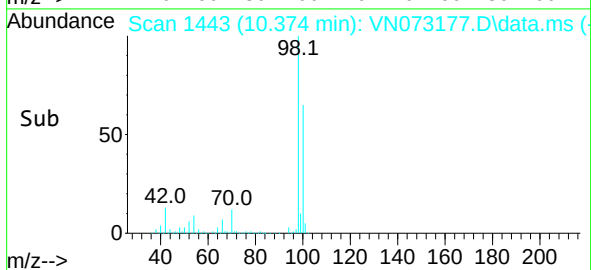
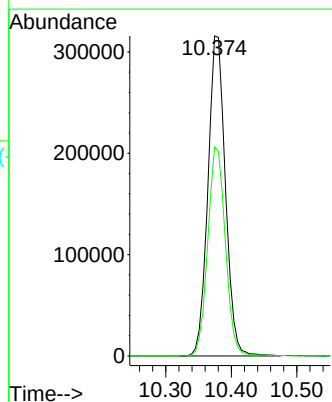
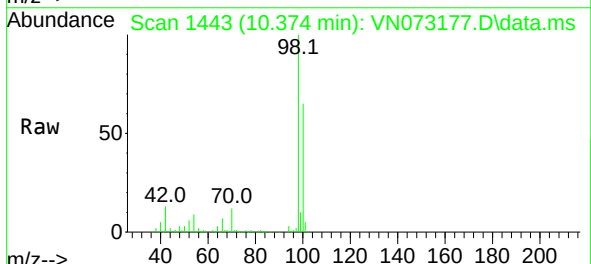


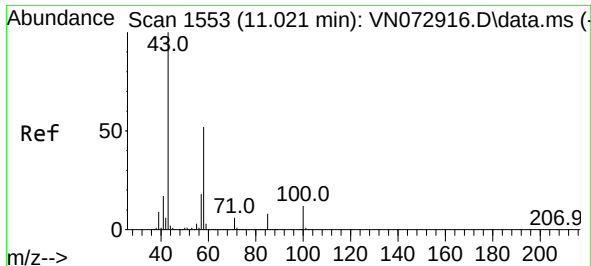
Tgt Ion:117 Resp: 34766
Ion Ratio Lower Upper
117 100
119 3.4 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 45.585 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073177.D
Acq: 27 Jun 2022 22:33

Tgt Ion: 98 Resp: 585426
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8

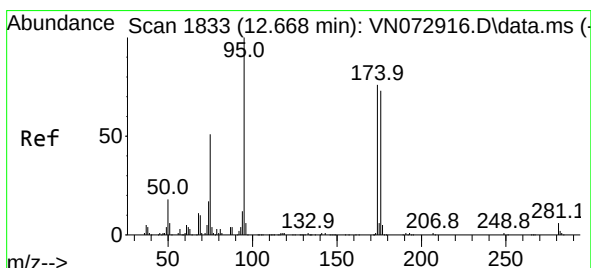
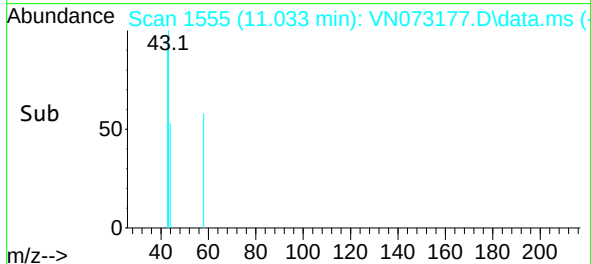
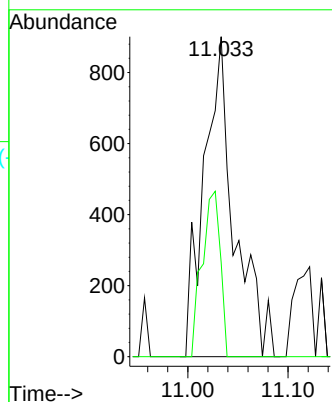
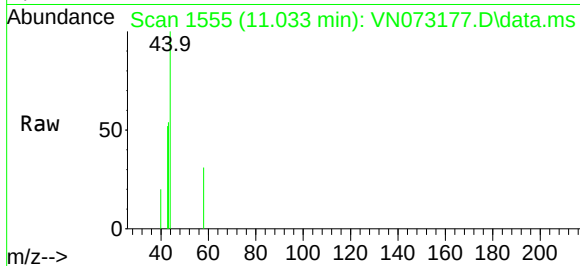




#59
2-Hexanone
Concen: 0.353 ug/l
RT: 11.033 min Scan# 1555
Delta R.T. 0.012 min
Lab File: VN073177.D
Acq: 27 Jun 2022 22:33

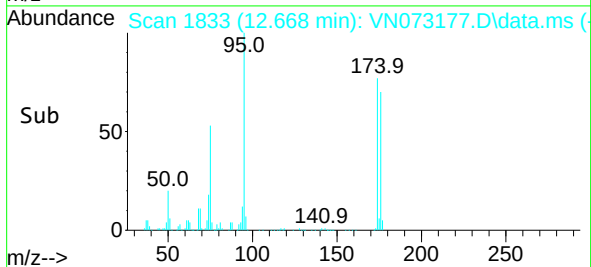
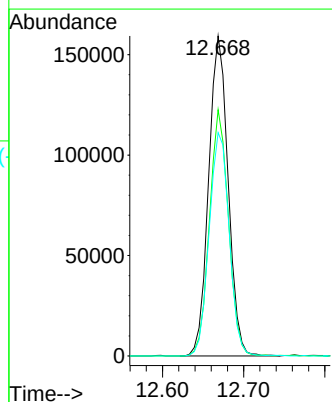
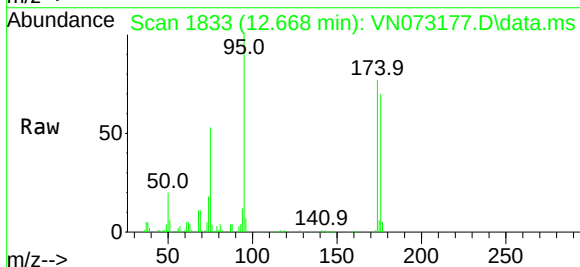
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBL02

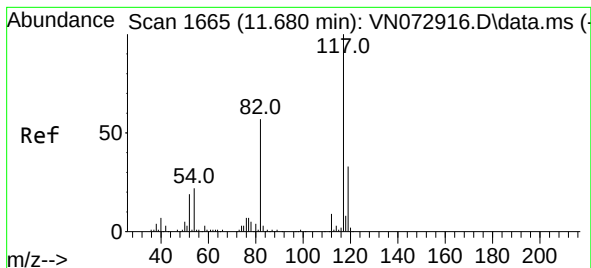
Tgt Ion: 43 Resp: 1900
Ion Ratio Lower Upper
43 100
58 31.1 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 57.386 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073177.D
Acq: 27 Jun 2022 22:33

Tgt Ion: 95 Resp: 265007
Ion Ratio Lower Upper
95 100
174 75.2 0.0 167.6
176 71.6 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.680 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073177.D

Acq: 27 Jun 2022 22:33

Instrument :

MSVOA_N

ClientSampleId :

VN0627WBL02

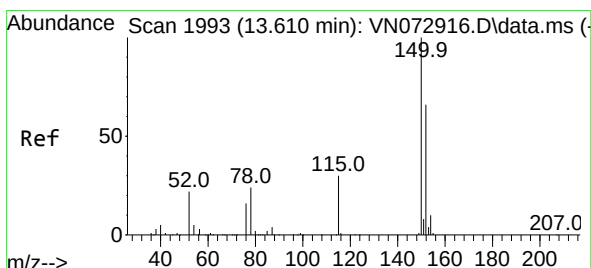
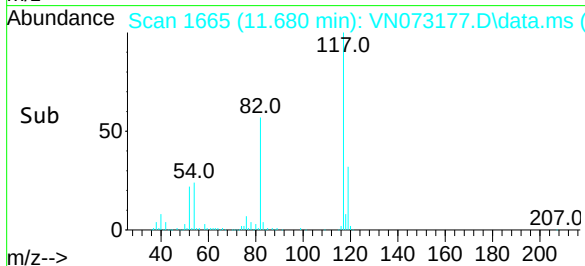
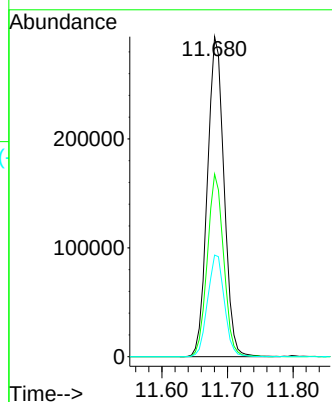
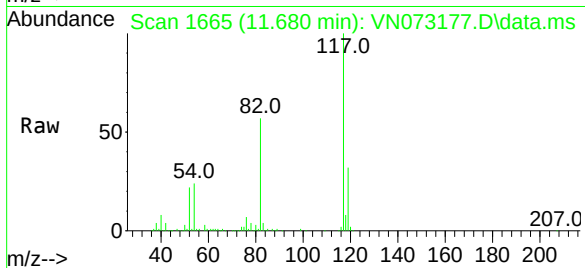
Tgt Ion:117 Resp: 518427

Ion Ratio Lower Upper

117 100

82 57.0 44.2 66.2

119 31.8 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: VN073177.D

Acq: 27 Jun 2022 22:33

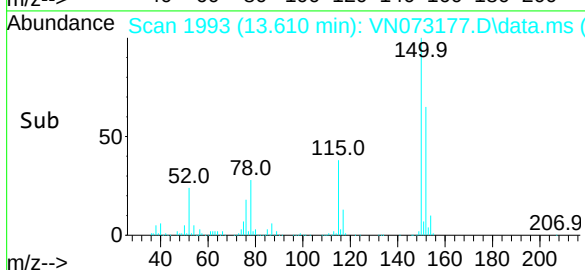
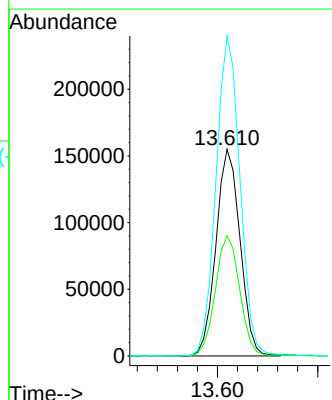
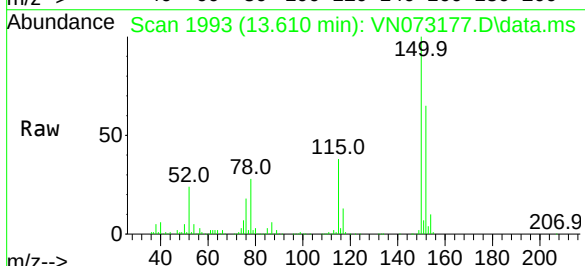
Tgt Ion:152 Resp: 258407

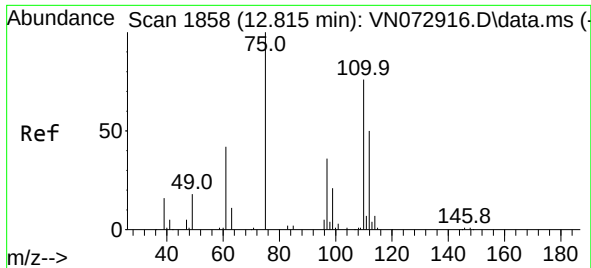
Ion Ratio Lower Upper

152 100

115 59.0 28.9 86.7

150 155.0 0.0 356.2

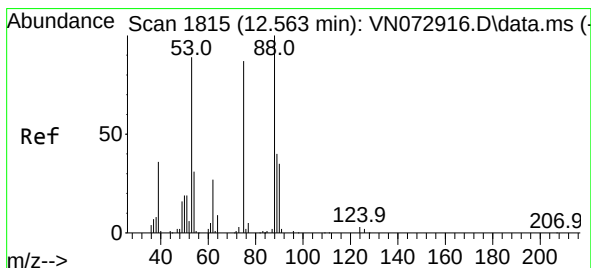
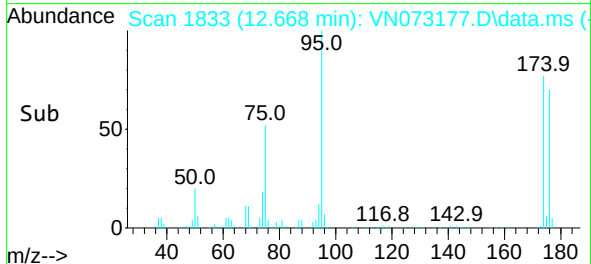
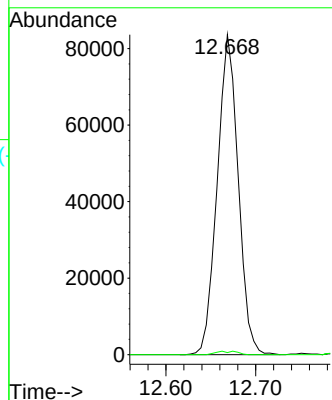
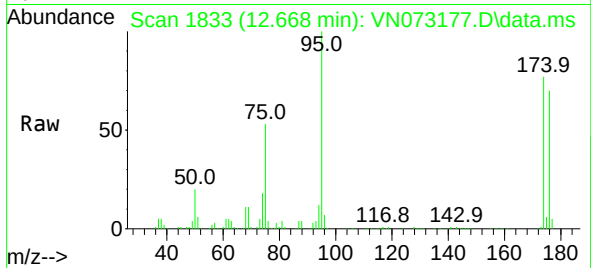




#76
1,2,3-Trichloropropane
Concen: 21.689 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.147 min
Lab File: VN073177.D
Acq: 27 Jun 2022 22:33

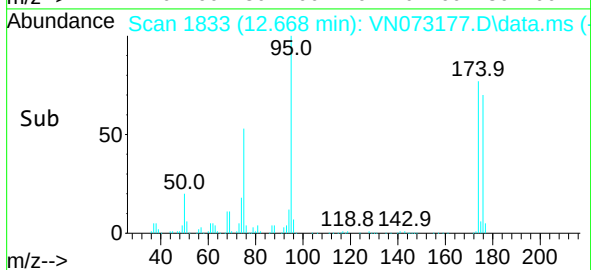
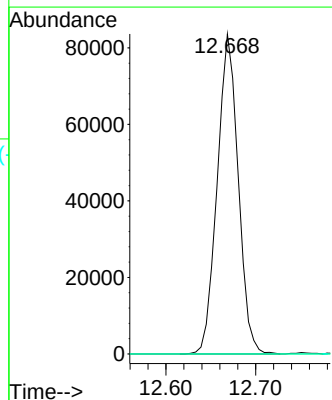
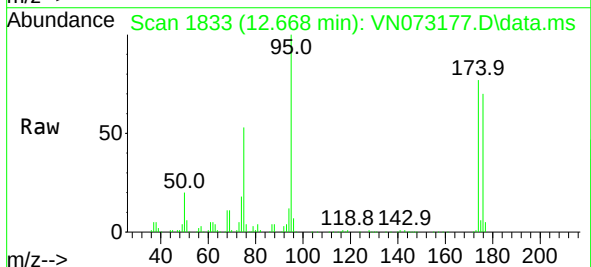
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBL02

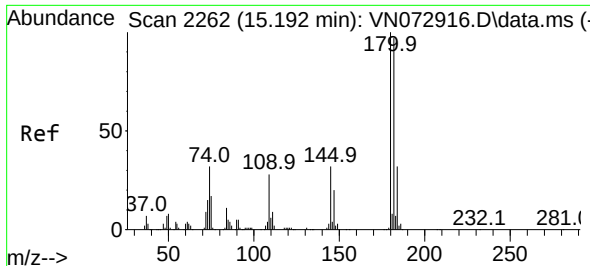
Tgt Ion: 75 Resp: 135882
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.574 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN073177.D
Acq: 27 Jun 2022 22:33

Tgt Ion: 75 Resp: 135882
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

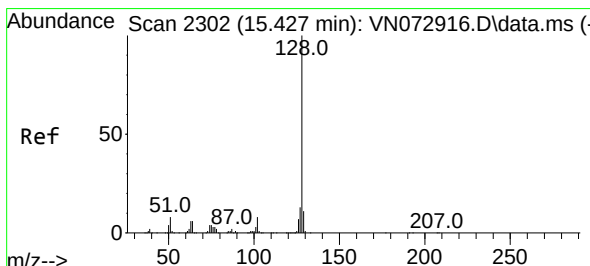
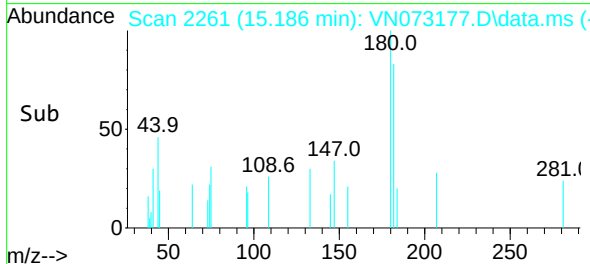
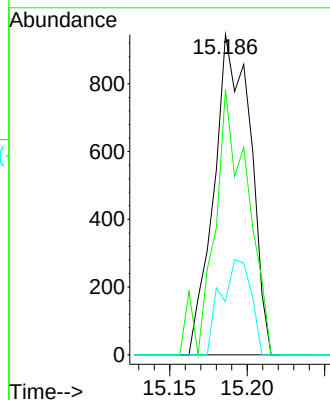
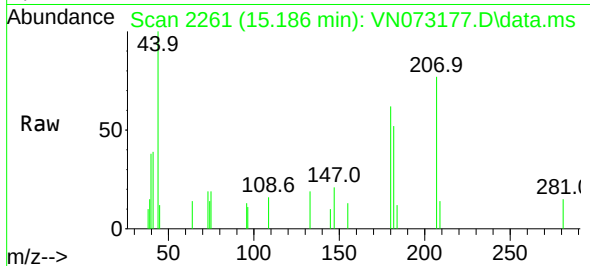




#93
1,2,4-Trichlorobenzene
Concen: 0.313 ug/l
RT: 15.186 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN073177.D
Acq: 27 Jun 2022 22:33

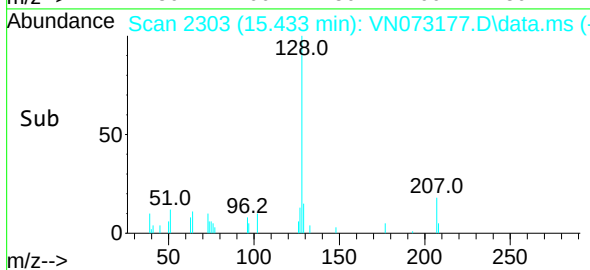
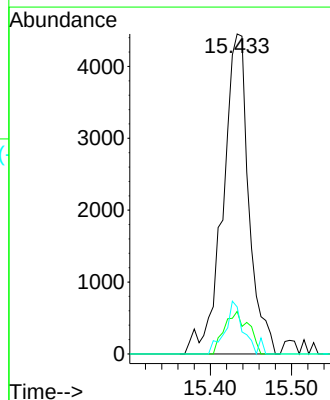
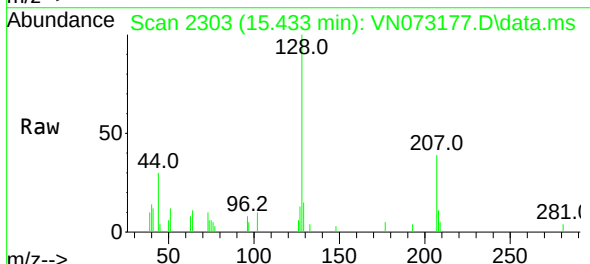
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBL02

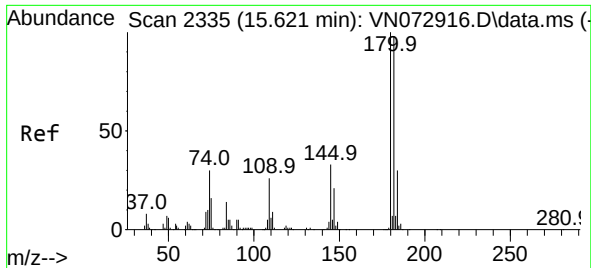
Tgt Ion	Ratio	Lower	Upper
180	100		
182	76.1	47.5	142.5
145	24.5	14.5	43.5



#95
Naphthalene
Concen: 0.493 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN073177.D
Acq: 27 Jun 2022 22:33

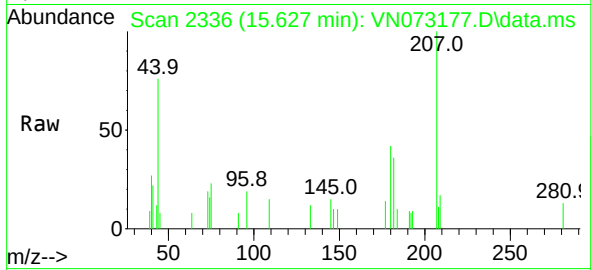
Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.3	15.5
129	11.2	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.293 ug/l
 RT: 15.627 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN073177.D
 Acq: 27 Jun 2022 22:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627WBL02



Tgt Ion:	180	Resp:	1546
Ion	Ratio	Lower	Upper
180	100		
182	75.9	47.8	143.3
145	27.9	15.5	46.5

