

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070822\
 Data File : VN073385.D
 Acq On : 08 Jul 2022 11:06
 Operator : JC\MD
 Sample : VN0708WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBL01

Quant Time: Jul 09 05:22:06 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)

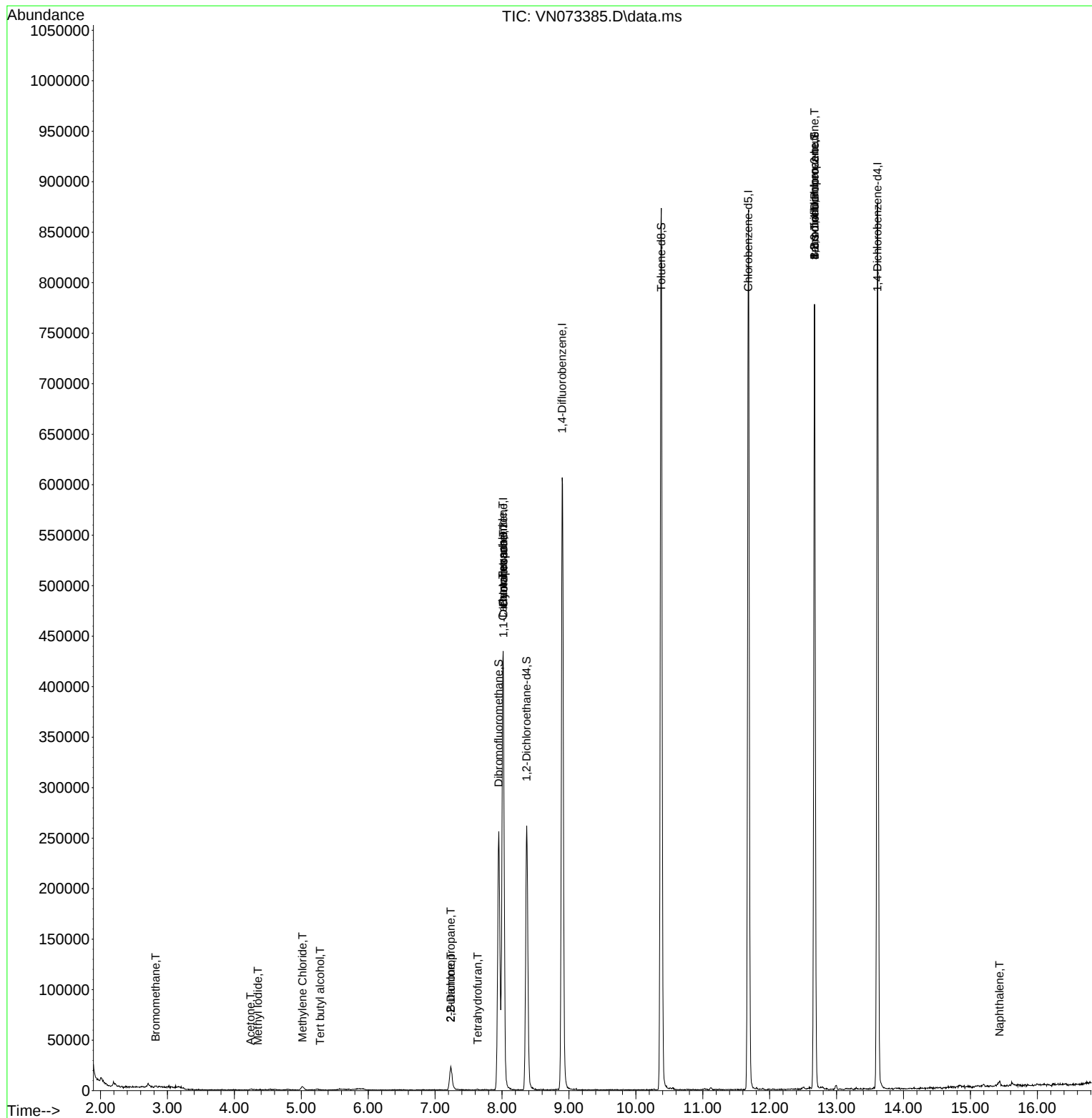
Internal Standards						
1) Pentafluorobenzene	8.016	168	330374	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	547932	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	504332	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	235494	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	222709	46.696	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.400%
35) Dibromofluoromethane	7.951	113	186947	51.282	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.560%
50) Toluene-d8	10.381	98	622591	48.086	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.180%
62) 4-Bromofluorobenzene	12.669	95	270520	54.369	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.740%
Target Compounds						
					Qvalue	
5) Bromomethane	2.822	94	509	0.270	ug/l #	54
10) Methyl Iodide	4.351	142	61	3.747	ug/l #	44
11) Tert butyl alcohol	5.281	59	297	0.257	ug/l #	72
16) Acetone	4.240	43	1766	0.660	ug/l #	42
20) Methylene Chloride	5.016	84	2752	0.585	ug/l #	75
25) 2-Butanone	7.234	43	1448	0.340	ug/l #	45
26) 2,2-Dichloropropane	7.234	77	1516	0.207	ug/l #	53
29) Tetrahydrofuran	7.634	42	768	0.263	ug/l #	60
31) Cyclohexane	8.016	56	7748	0.992	ug/l #	19
36) 1,1-Dichloropropene	8.022	75	26978	4.810	ug/l #	49
38) Carbon Tetrachloride	8.010	117	34888	6.014	ug/l #	15
71) Bromoform	12.669	173	1822	0.594	ug/l #	1
76) 1,2,3-Trichloropropane	12.669	75	138540	22.499	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	138540	61.702	ug/l #	10
95) Naphthalene	15.433	128	5179	0.285	ug/l	96

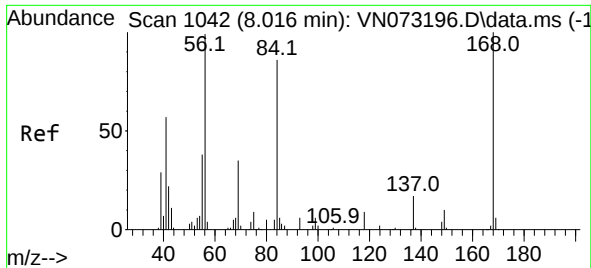
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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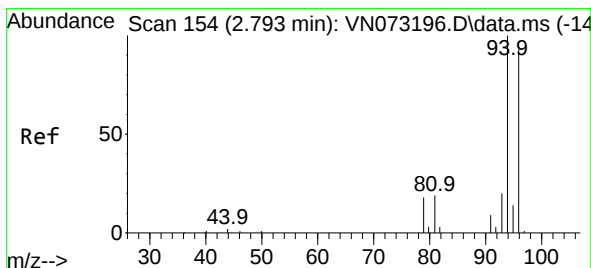
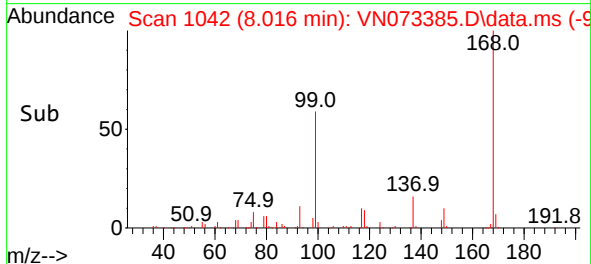
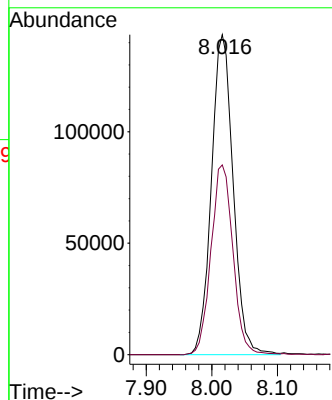
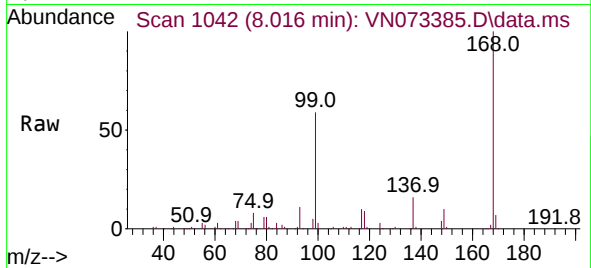




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073385.D
Acq: 08 Jul 2022 11:06

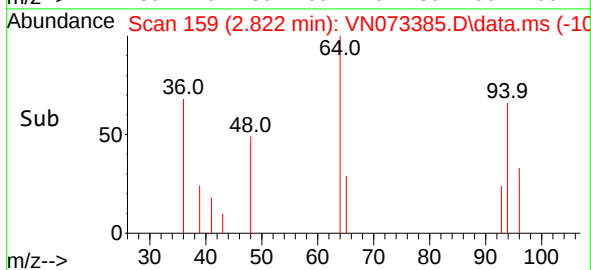
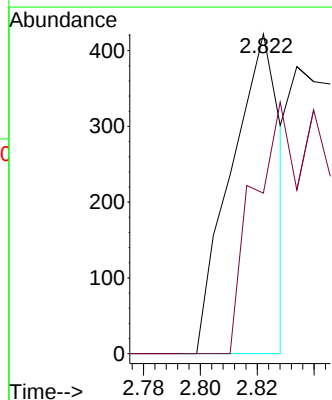
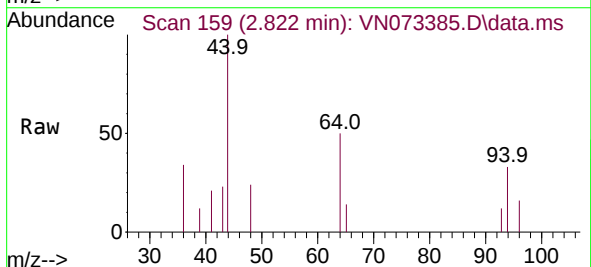
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBL01

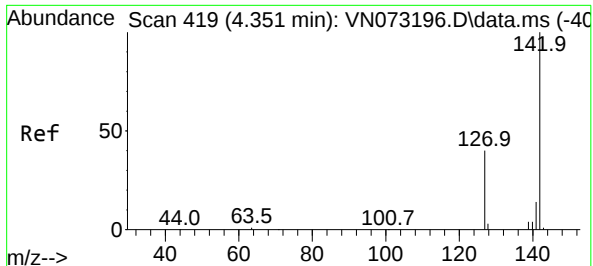
Tgt Ion:168 Resp: 330374
Ion Ratio Lower Upper
168 100
99 59.3 42.3 63.5



#5
Bromomethane
Concen: 0.270 ug/l
RT: 2.822 min Scan# 159
Delta R.T. 0.029 min
Lab File: VN073385.D
Acq: 08 Jul 2022 11:06

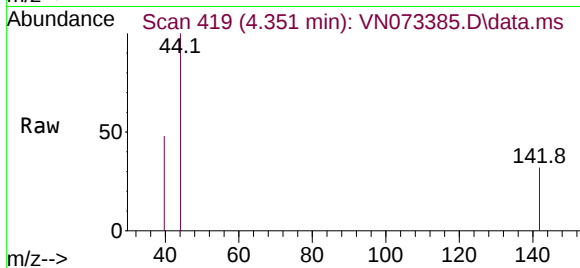
Tgt Ion: 94 Resp: 509
Ion Ratio Lower Upper
94 100
96 50.2 76.0 114.0#



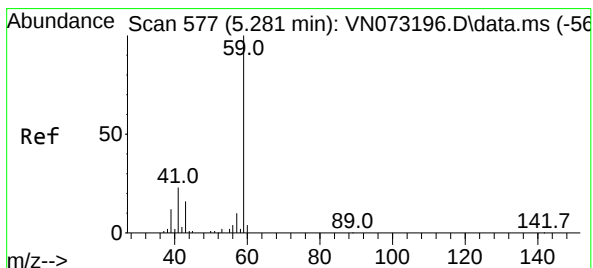
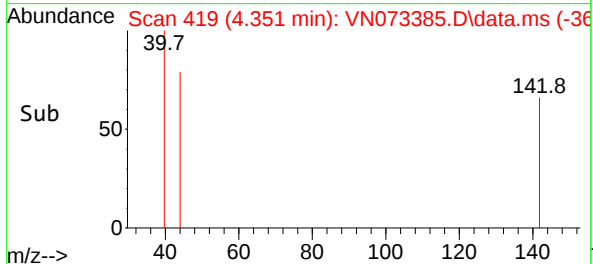
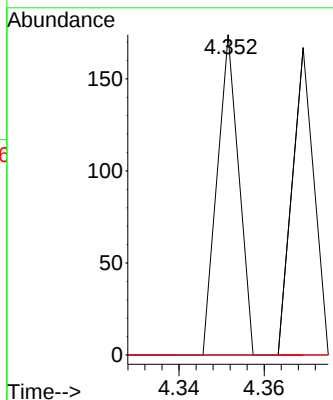


#10
Methyl Iodide
Concen: 3.747 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN073385.D
Acq: 08 Jul 2022 11:06

Instrument :
MSVOA_N
ClientSampleId :
VN0708WBL01

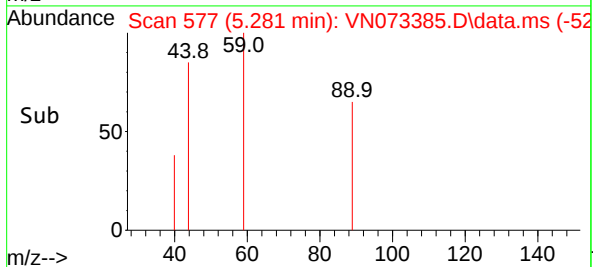
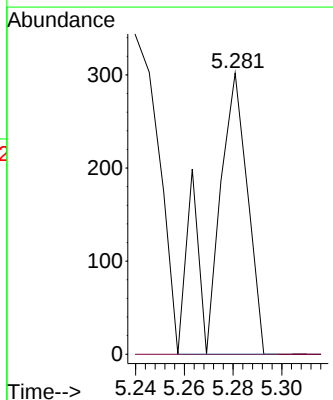
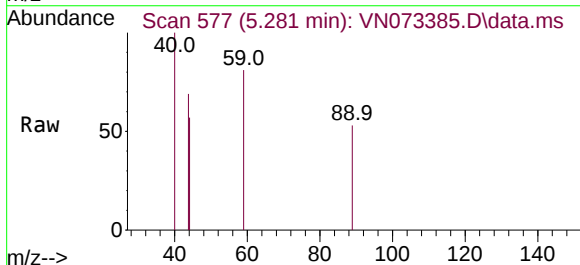


Tgt Ion:142 Resp: 61
Ion Ratio Lower Upper
142 100
127 0.0 31.3 46.9#
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 0.257 ug/l
RT: 5.281 min Scan# 577
Delta R.T. -0.000 min
Lab File: VN073385.D
Acq: 08 Jul 2022 11:06

Tgt Ion: 59 Resp: 297
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

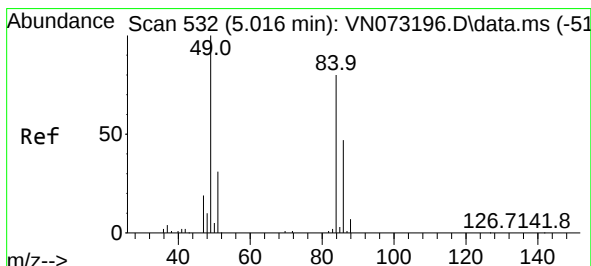
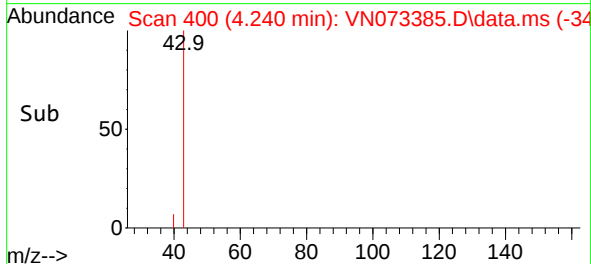
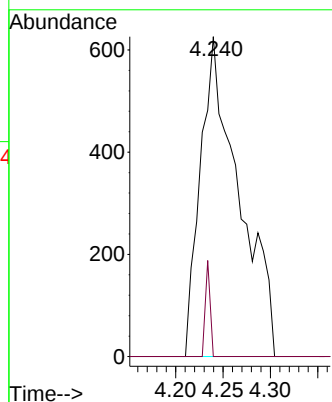
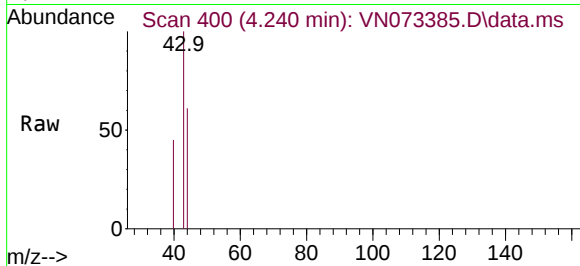




#16
Acetone
Concen: 0.660 ug/l
RT: 4.240 min Scan# 40
Delta R.T. 0.018 min
Lab File: VN073385.D
Acq: 08 Jul 2022 11:06

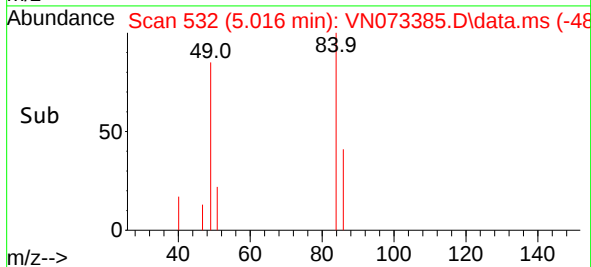
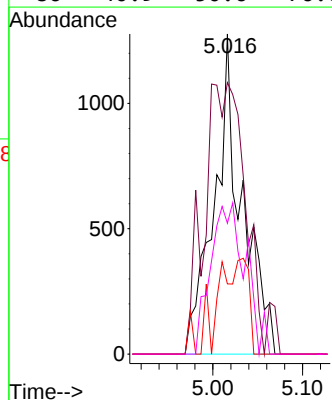
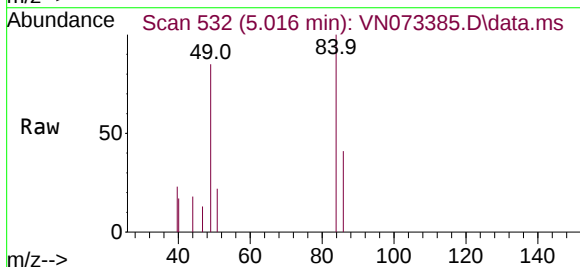
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBL01

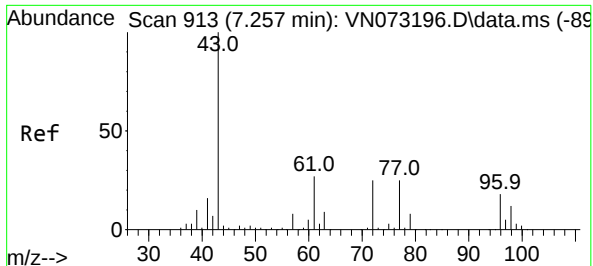
Tgt Ion: 43 Resp: 1766
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



#20
Methylene Chloride
Concen: 0.585 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.000 min
Lab File: VN073385.D
Acq: 08 Jul 2022 11:06

Tgt Ion: 84 Resp: 2752
Ion Ratio Lower Upper
84 100
49 84.8 88.3 132.5#
51 21.9 28.2 42.2#
86 40.9 50.6 76.0#





#25

2-Butanone

Concen: 0.340 ug/l

RT: 7.234 min Scan# 909

Delta R.T. -0.023 min

Lab File: VN073385.D

Acq: 08 Jul 2022 11:06

Instrument :

MSVOA_N

ClientSampleId :

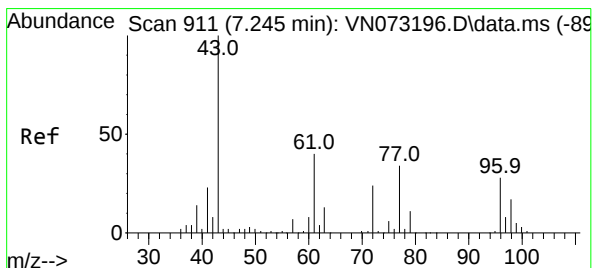
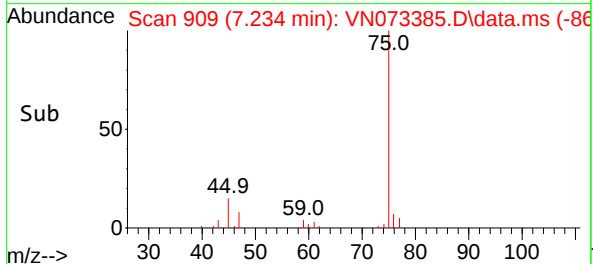
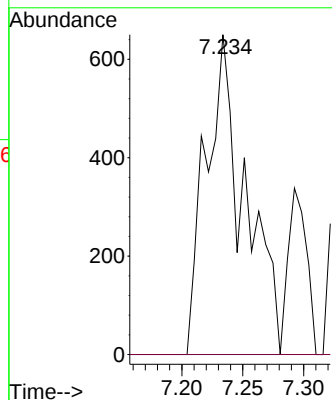
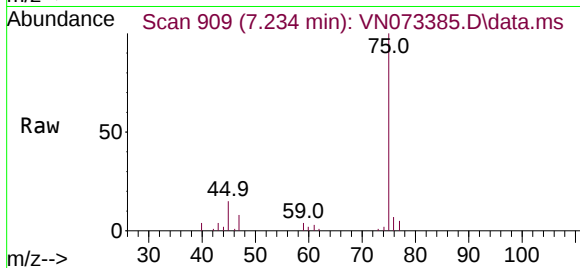
VN0708WBL01

Tgt Ion: 43 Resp: 1448

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#



#26

2,2-Dichloropropane

Concen: 0.207 ug/l

RT: 7.234 min Scan# 909

Delta R.T. -0.011 min

Lab File: VN073385.D

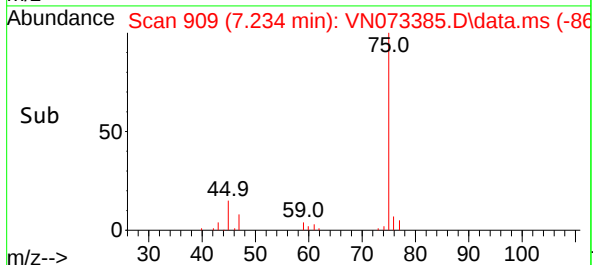
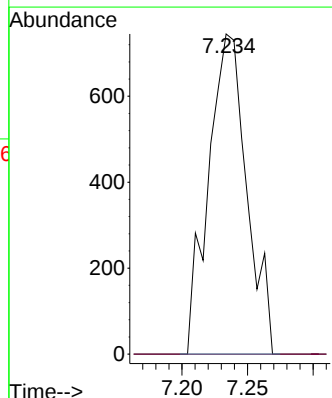
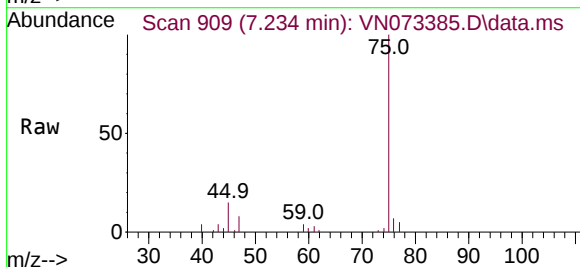
Acq: 08 Jul 2022 11:06

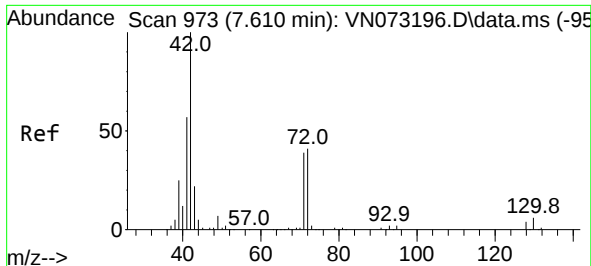
Tgt Ion: 77 Resp: 1516

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.2#





#29

Tetrahydrofuran

Concen: 0.263 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.024 min

Lab File: VN073385.D

Acq: 08 Jul 2022 11:06

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBL01

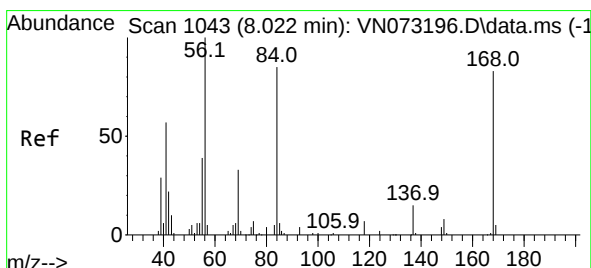
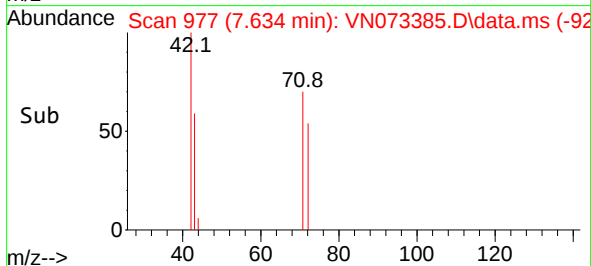
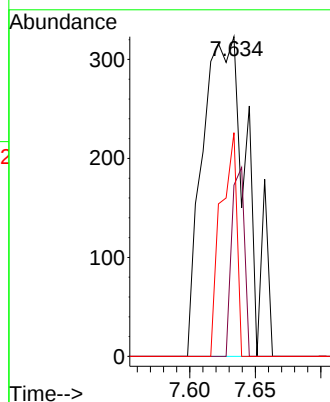
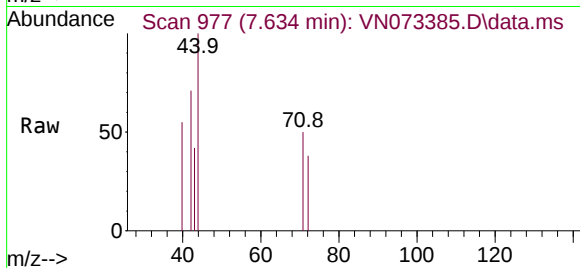
Tgt Ion: 42 Resp: 768

Ion Ratio Lower Upper

42 100

72 16.7 39.7 59.5#

71 24.9 36.6 55.0#



#31

Cyclohexane

Concen: 0.992 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VN073385.D

Acq: 08 Jul 2022 11:06

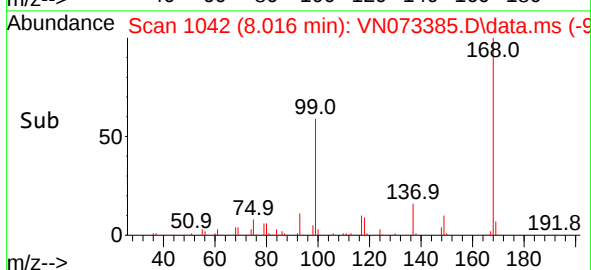
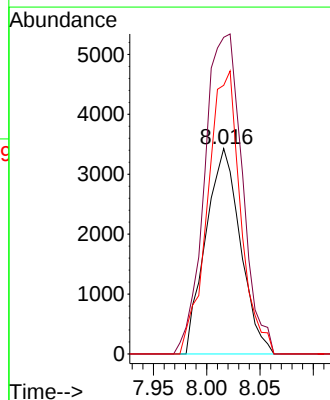
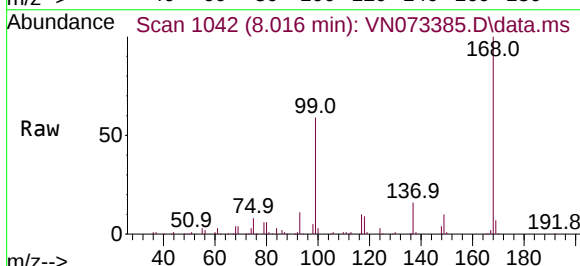
Tgt Ion: 56 Resp: 7748

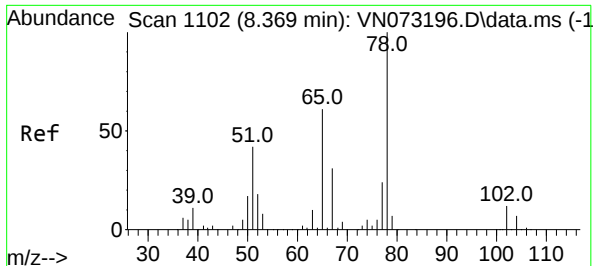
Ion Ratio Lower Upper

56 100

69 154.2 27.8 41.8#

84 130.8 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 46.696 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073385.D

Acq: 08 Jul 2022 11:06

Instrument :

MSVOA_N

ClientSampleId :

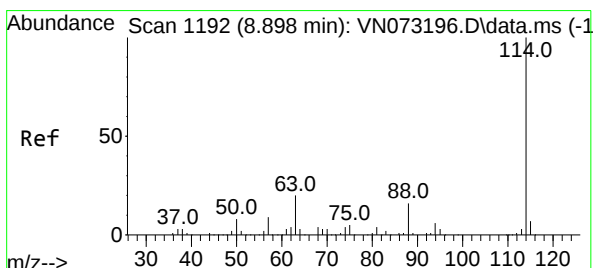
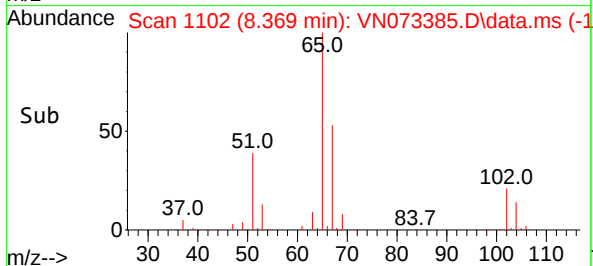
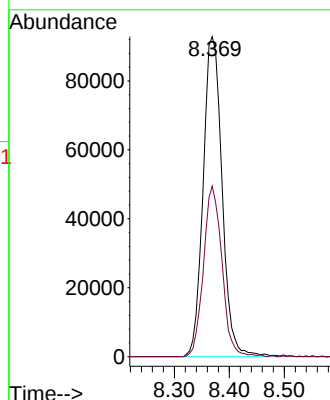
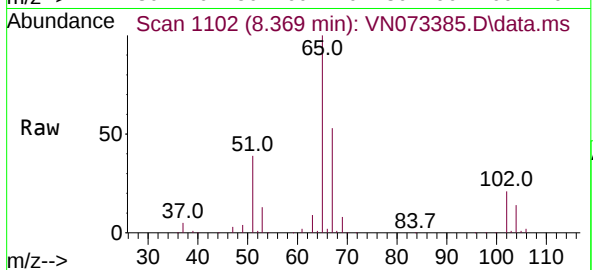
VN0708WBL01

Tgt Ion: 65 Resp: 222709

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN073385.D

Acq: 08 Jul 2022 11:06

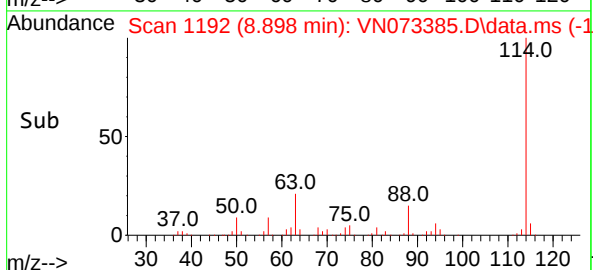
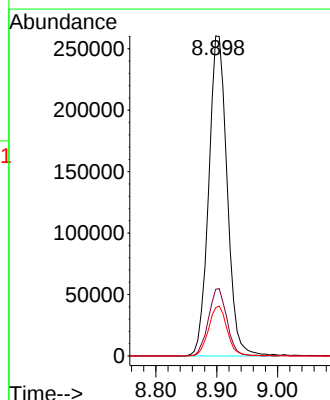
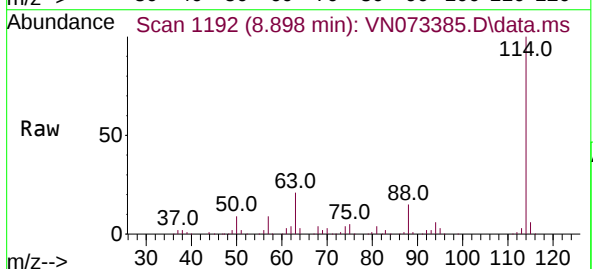
Tgt Ion: 114 Resp: 547932

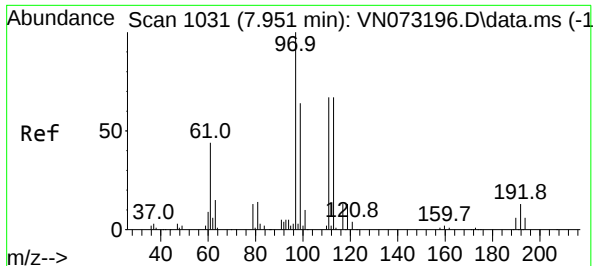
Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.0

88 15.1 0.0 32.6

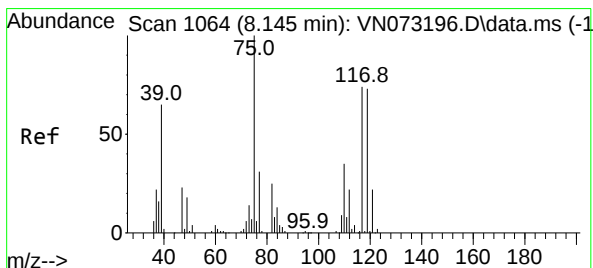
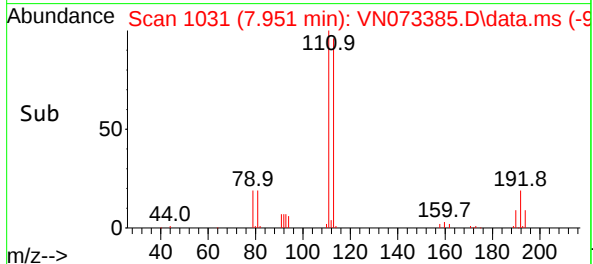
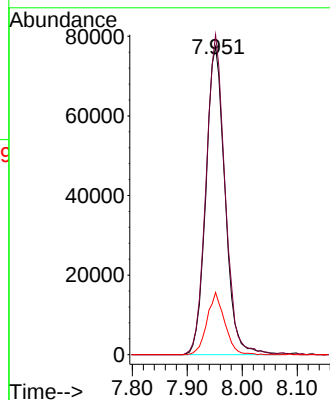
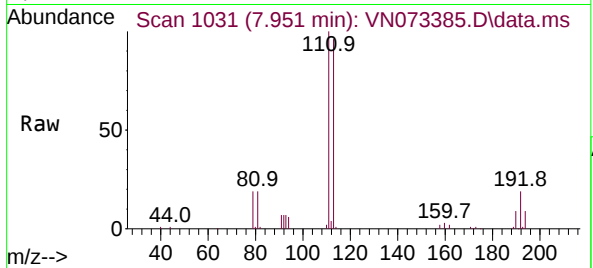




#35
Dibromofluoromethane
Concen: 51.282 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073385.D
Acq: 08 Jul 2022 11:06

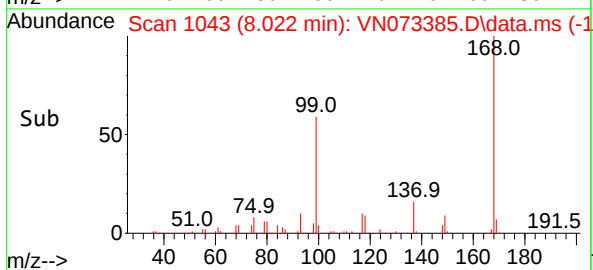
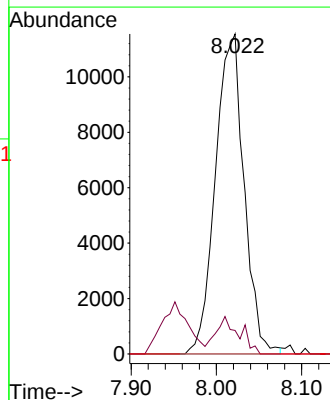
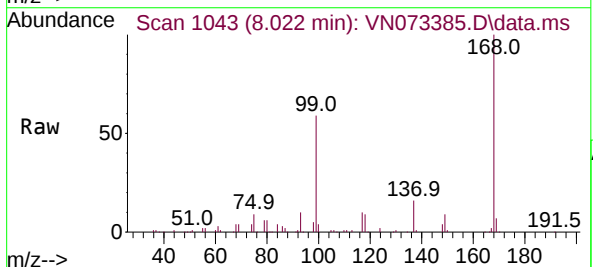
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBL01

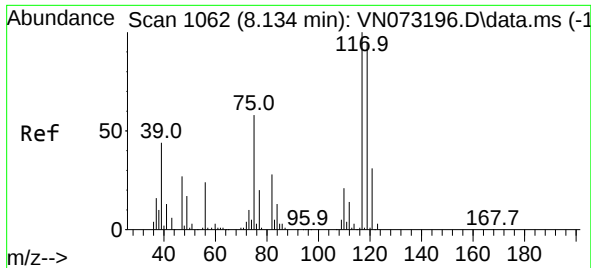
Tgt Ion:113 Resp: 186947
Ion Ratio Lower Upper
113 100
111 103.4 81.4 122.0
192 18.7 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.810 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.123 min
Lab File: VN073385.D
Acq: 08 Jul 2022 11:06

Tgt Ion: 75 Resp: 26978
Ion Ratio Lower Upper
75 100
110 9.7 18.3 54.8#
77 0.0 25.1 37.7#

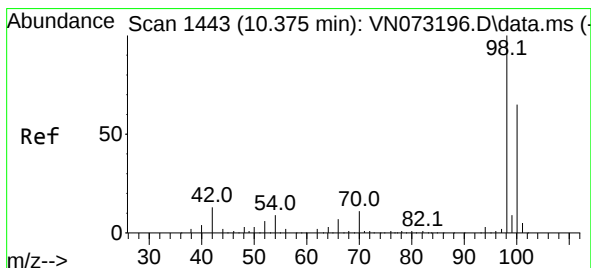
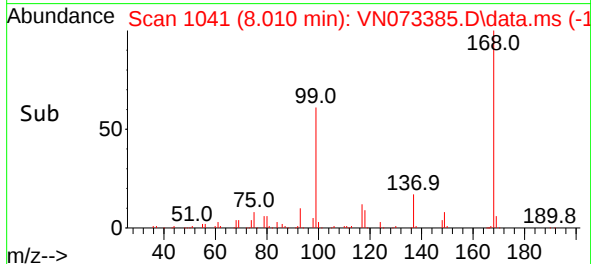
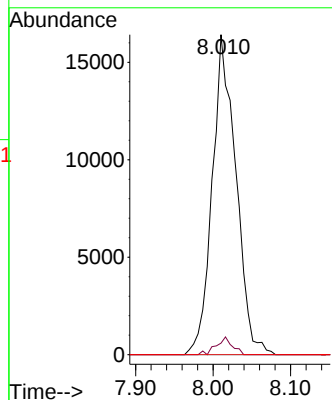
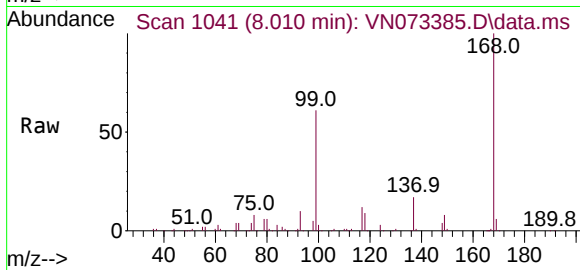




#38
Carbon Tetrachloride
Concen: 6.014 ug/l
RT: 8.010 min Scan# 1062
Delta R.T. -0.124 min
Lab File: VN073385.D
Acq: 08 Jul 2022 11:06

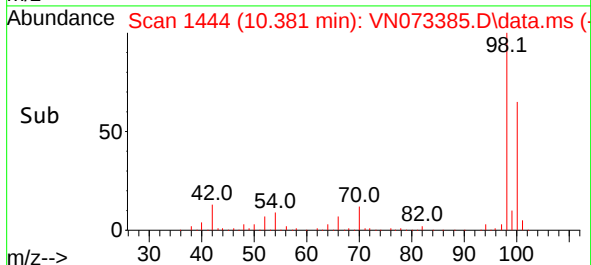
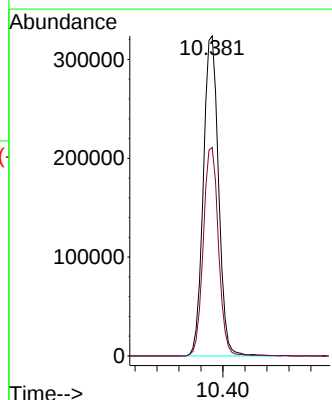
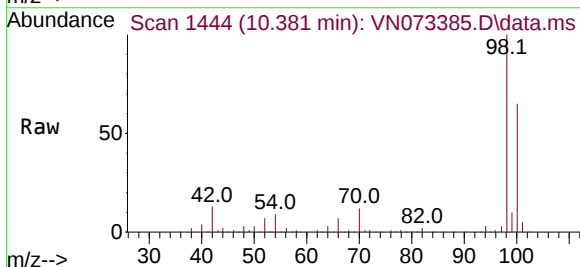
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBL01

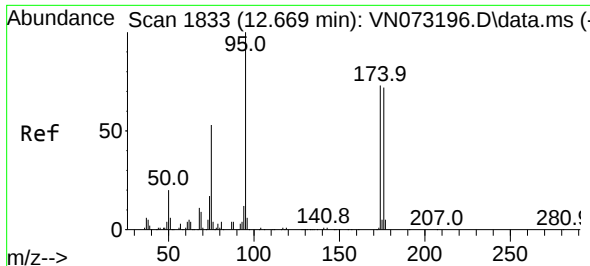
Tgt Ion:117 Resp: 34888
Ion Ratio Lower Upper
117 100
119 3.6 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 48.086 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN073385.D
Acq: 08 Jul 2022 11:06

Tgt Ion: 98 Resp: 622591
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8

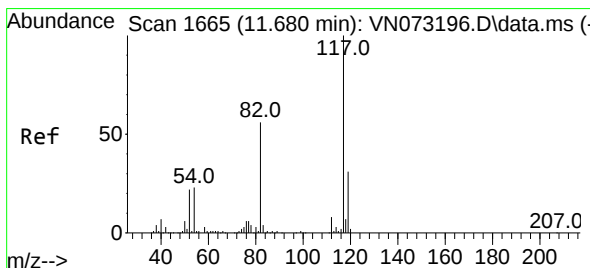
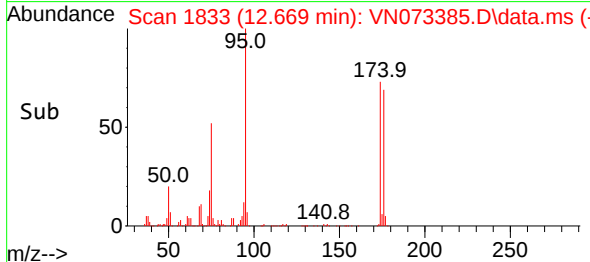
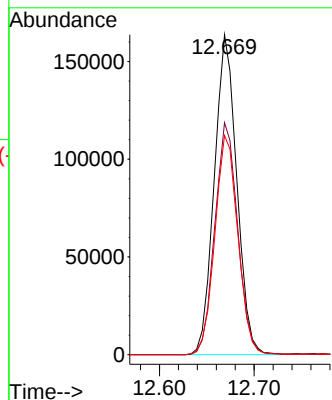
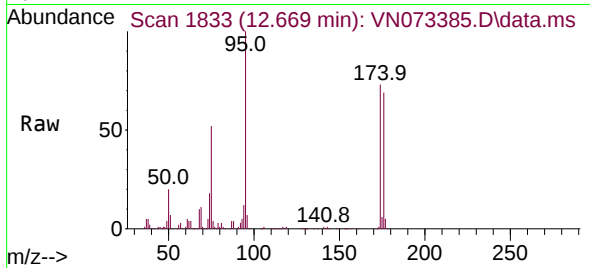




#62
4-Bromofluorobenzene
Concen: 54.369 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073385.D
Acq: 08 Jul 2022 11:06

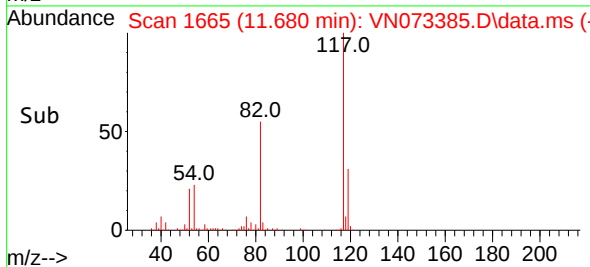
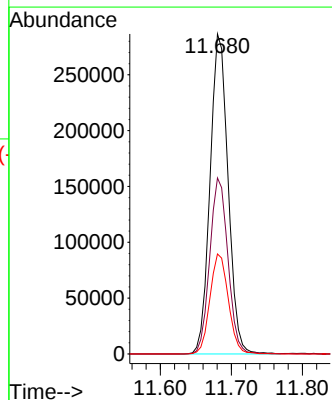
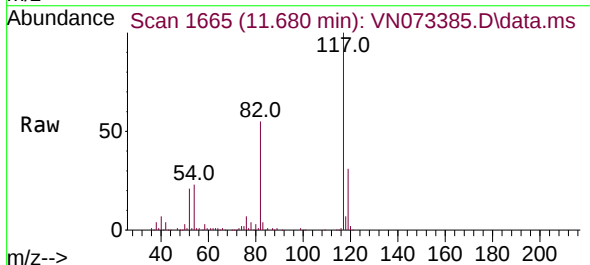
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBL01

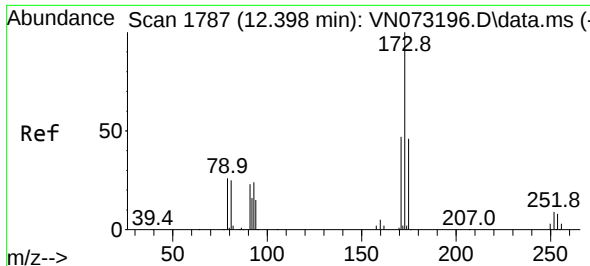
Tgt Ion: 95 Resp: 270520
Ion Ratio Lower Upper
95 100
174 73.6 0.0 167.6
176 70.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073385.D
Acq: 08 Jul 2022 11:06

Tgt Ion: 117 Resp: 504332
Ion Ratio Lower Upper
117 100
82 55.0 44.2 66.2
119 31.2 25.4 38.0

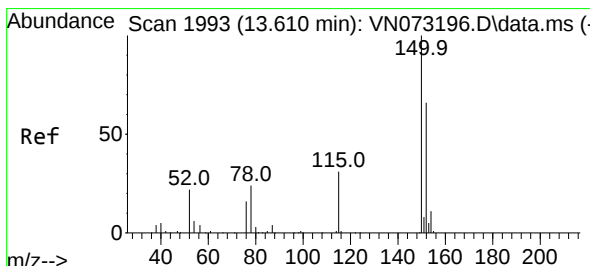
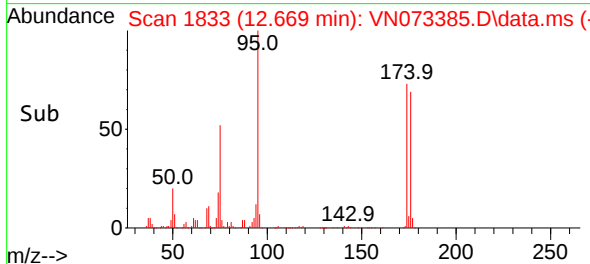
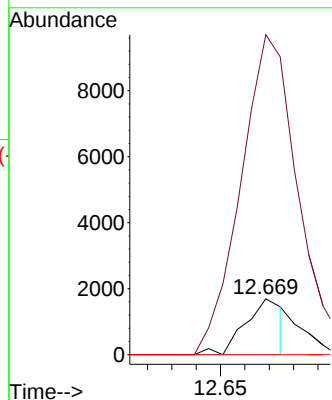
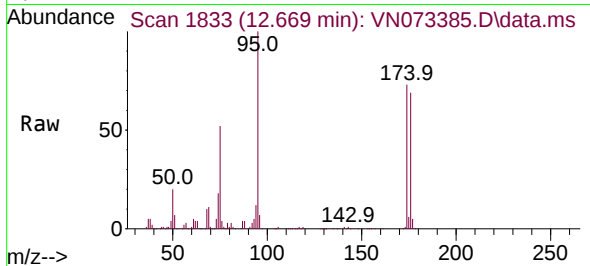




#71
Bromoform
Concen: 0.594 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.271 min
Lab File: VN073385.D
Acq: 08 Jul 2022 11:06

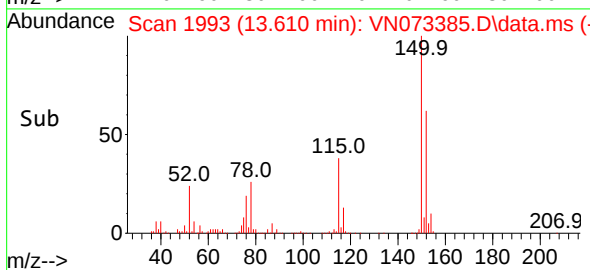
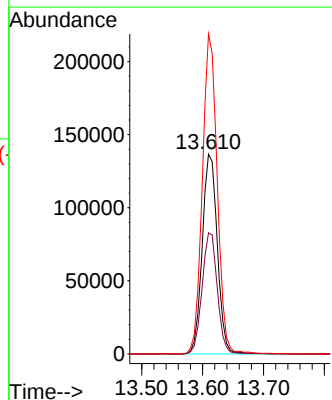
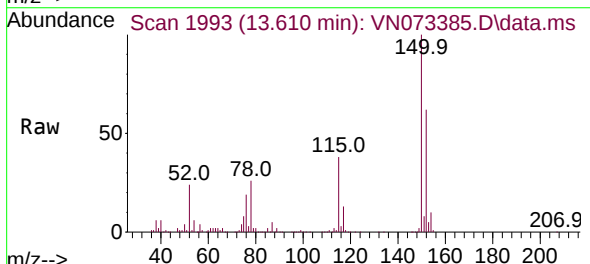
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBL01

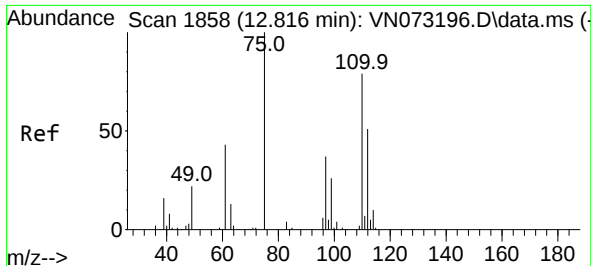
Tgt Ion:173 Resp: 1822
Ion Ratio Lower Upper
173 100
175 650.4 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073385.D
Acq: 08 Jul 2022 11:06

Tgt Ion:152 Resp: 235494
Ion Ratio Lower Upper
152 100
115 61.3 28.9 86.7
150 157.9 0.0 356.2

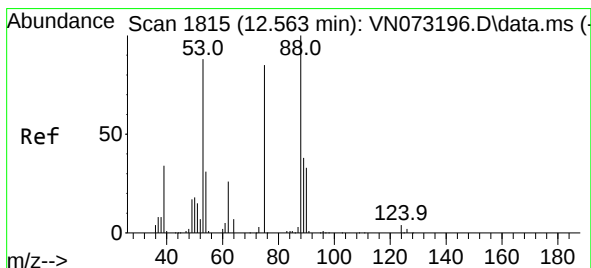
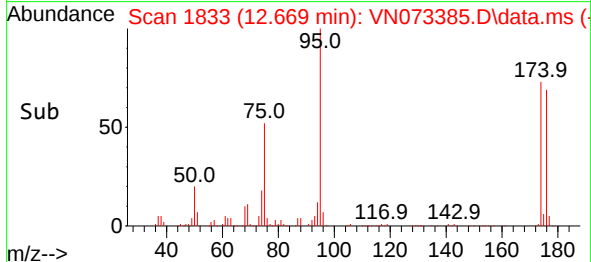
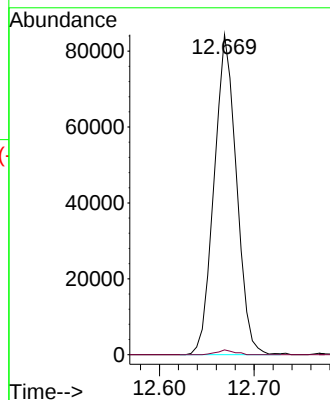
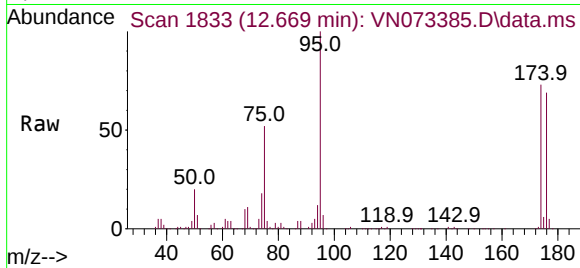




#76
1,2,3-Trichloropropane
Concen: 22.499 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.147 min
Lab File: VN073385.D
Acq: 08 Jul 2022 11:06

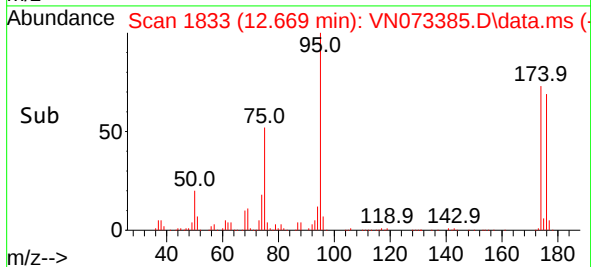
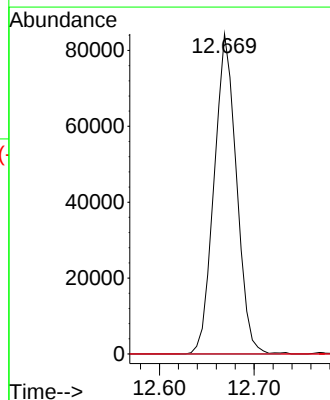
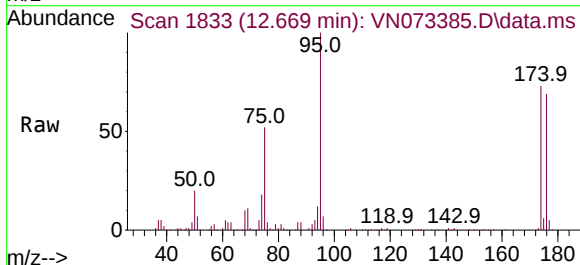
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBL01

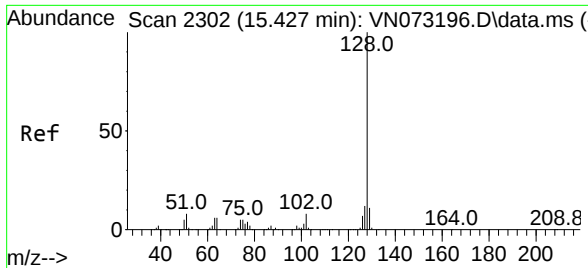
Tgt Ion: 75 Resp: 138540
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.702 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN073385.D
Acq: 08 Jul 2022 11:06

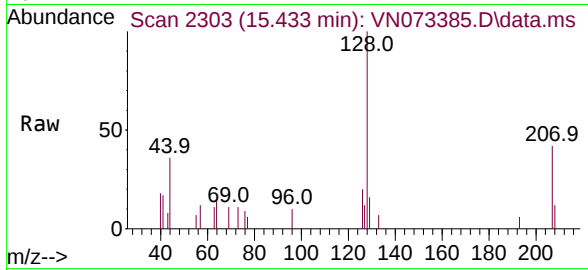
Tgt Ion: 75 Resp: 138540
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#





#95
Naphthalene
Concen: 0.285 ug/l
RT: 15.433 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073385.D
Acq: 08 Jul 2022 11:06

Instrument :
MSVOA_N
ClientSampleId :
VN0708WBL01



Tgt Ion:	128	Resp:	5179
Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.3	15.5
129	9.2	8.6	13.0

