

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070122\
 Data File : VN073283.D
 Acq On : 01 Jul 2022 09:17
 Operator : JC\MD
 Sample : VN0701WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBL01

Quant Time: Jul 04 05:01:13 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)

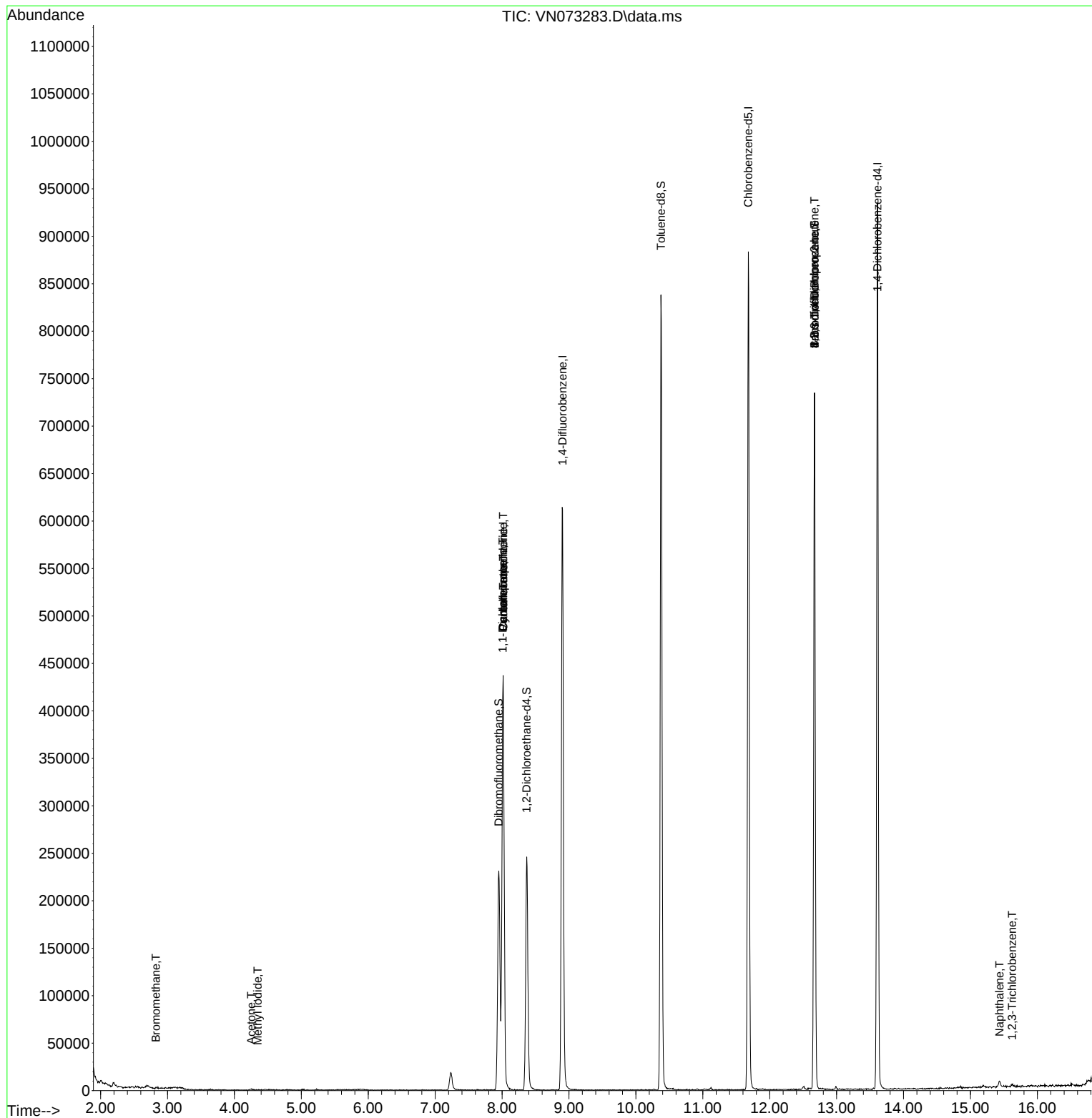
Internal Standards						
1) Pentafluorobenzene	8.016	168	332075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	551874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	507525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	239432	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	208418	43.476	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.960%
35) Dibromofluoromethane	7.951	113	177156	48.249	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.500%
50) Toluene-d8	10.375	98	570260	43.729	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	87.460%
62) 4-Bromofluorobenzene	12.669	95	251891	50.263	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.520%
Target Compounds						
					Qvalue	
5) Bromomethane	2.828	94	505	0.267	ug/l	83
10) Methyl Iodide	4.346	142	488	3.816	ug/l #	51
16) Acetone	4.251	43	1510	0.561	ug/l #	73
31) Cyclohexane	8.016	56	7558	0.963	ug/l #	20
36) 1,1-Dichloropropene	8.010	75	26733	4.732	ug/l #	49
38) Carbon Tetrachloride	8.016	117	34669	5.934	ug/l #	17
71) Bromoform	12.669	173	1991	0.644	ug/l #	1
76) 1,2,3-Trichloropropane	12.669	75	131533	21.009	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	131533	57.618	ug/l #	10
95) Naphthalene	15.433	128	6980	0.378	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.621	180	998	0.212	ug/l #	81

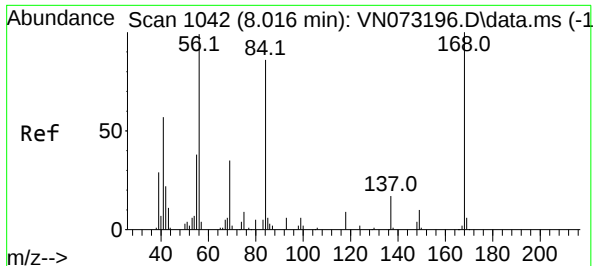
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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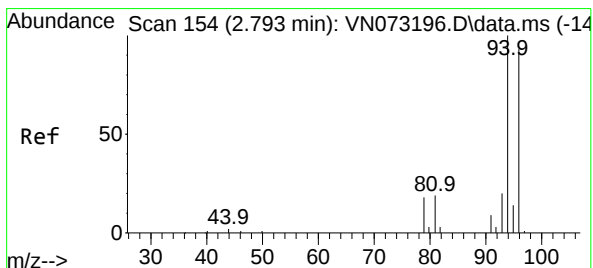
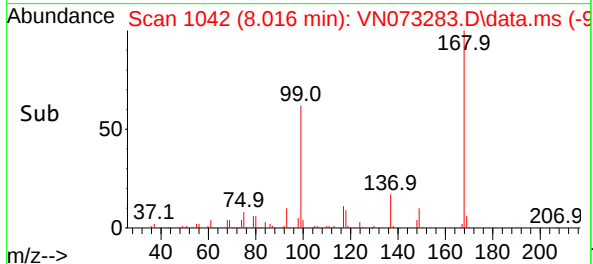
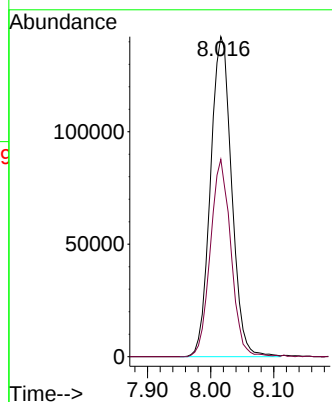
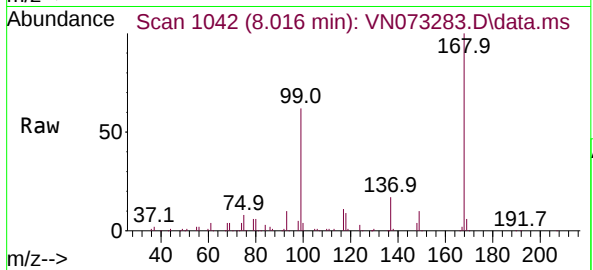




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073283.D
Acq: 01 Jul 2022 09:17

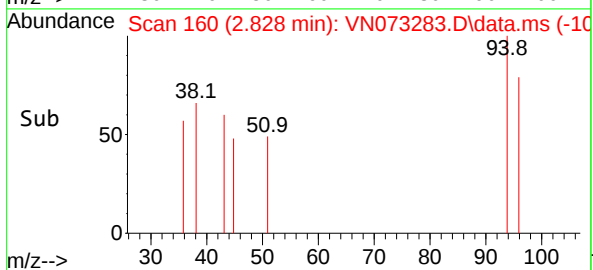
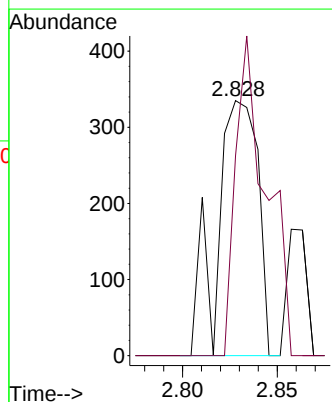
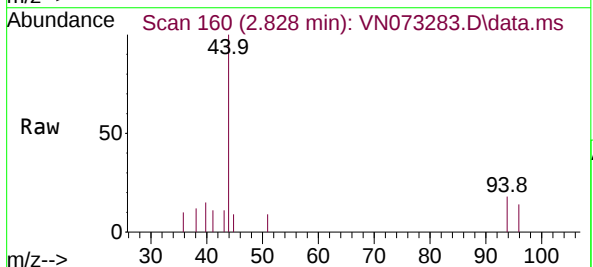
Instrument :
MSVOA_N
ClientSampleId :
VN0701WBL01

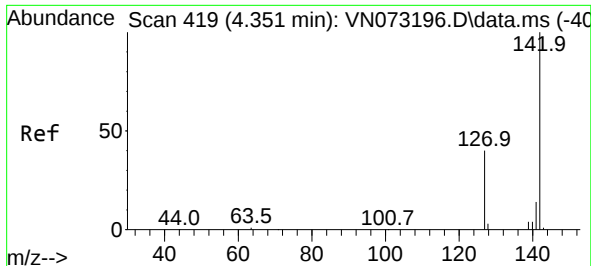
Tgt Ion:168 Resp: 332075
Ion Ratio Lower Upper
168 100
99 61.7 42.3 63.5



#5
Bromomethane
Concen: 0.267 ug/l
RT: 2.828 min Scan# 160
Delta R.T. 0.035 min
Lab File: VN073283.D
Acq: 01 Jul 2022 09:17

Tgt Ion: 94 Resp: 505
Ion Ratio Lower Upper
94 100
96 78.5 76.0 114.0

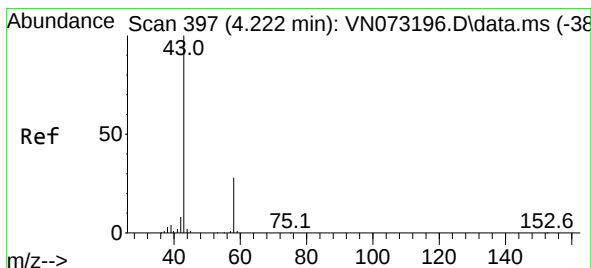
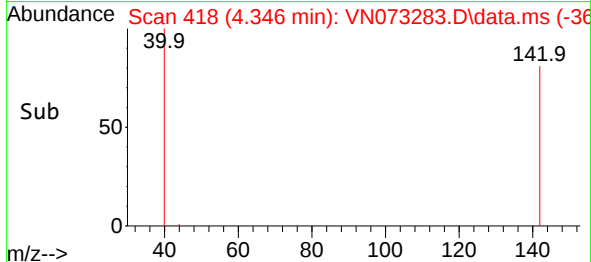
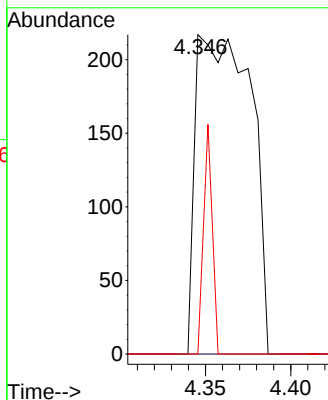
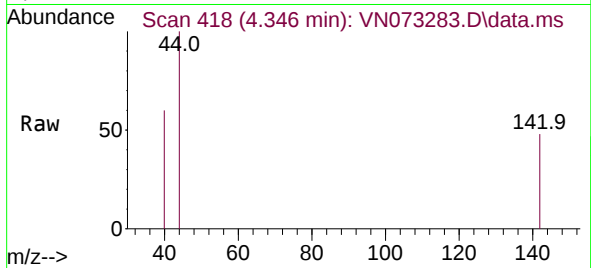




#10
Methyl Iodide
Concen: 3.816 ug/l
RT: 4.346 min Scan# 41
Delta R.T. -0.005 min
Lab File: VN073283.D
Acq: 01 Jul 2022 09:17

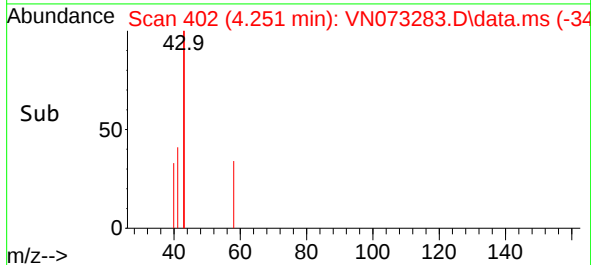
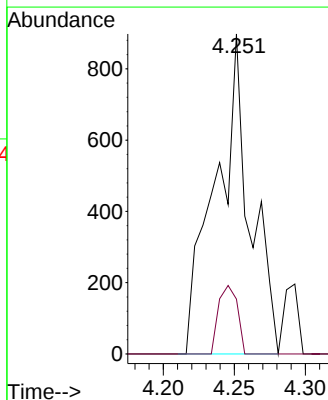
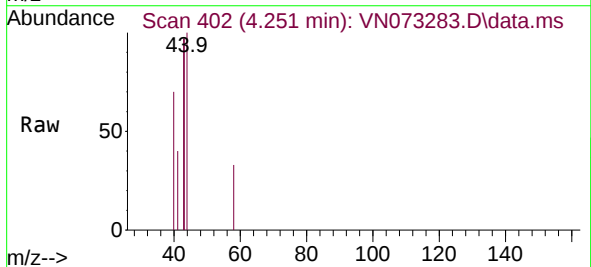
Instrument :
MSVOA_N
ClientSampleId :
VN0701WBL01

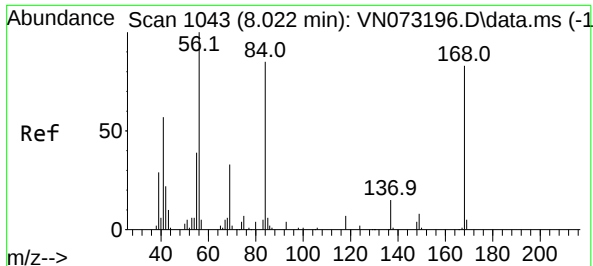
Tgt Ion:142 Resp: 488
Ion Ratio Lower Upper
142 100
127 0.0 31.3 46.9#
141 11.3 11.2 16.8



#16
Acetone
Concen: 0.561 ug/l
RT: 4.251 min Scan# 402
Delta R.T. 0.029 min
Lab File: VN073283.D
Acq: 01 Jul 2022 09:17

Tgt Ion: 43 Resp: 1510
Ion Ratio Lower Upper
43 100
58 17.1 26.0 39.0#

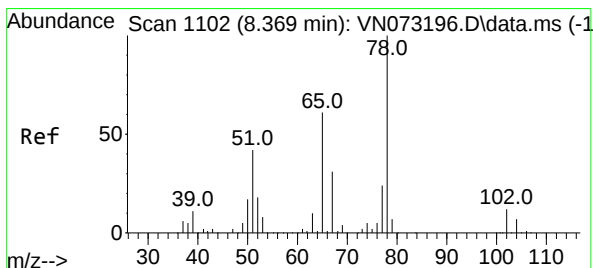
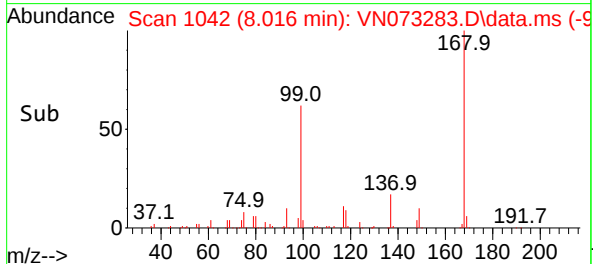
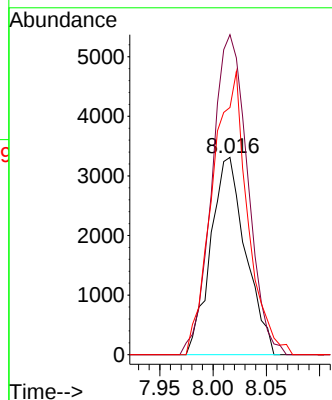
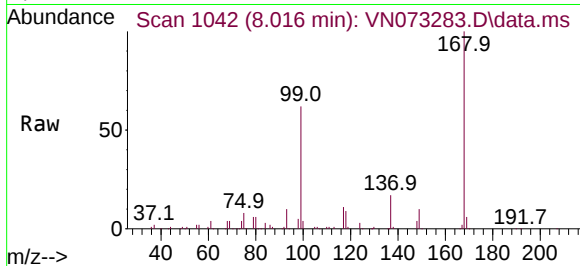




#31
Cyclohexane
Concen: 0.963 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073283.D
Acq: 01 Jul 2022 09:17

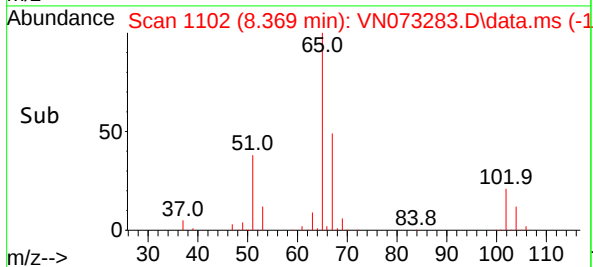
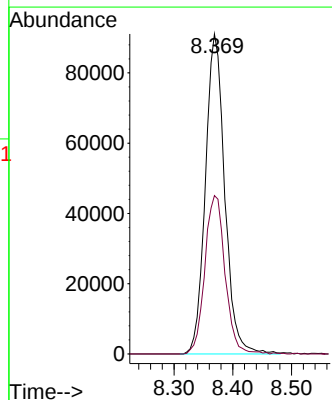
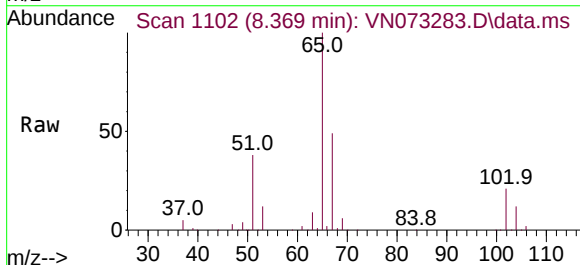
Instrument :
MSVOA_N
ClientSampleId :
VN0701WBL01

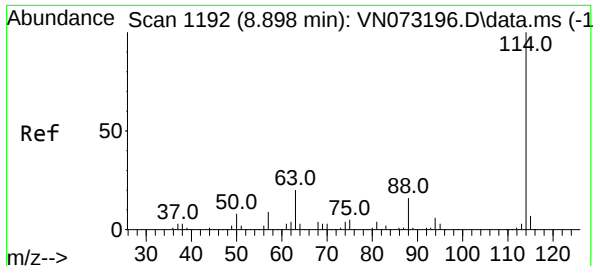
Tgt Ion: 56 Resp: 7558
Ion Ratio Lower Upper
56 100
69 162.2 27.8 41.8#
84 125.3 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 43.476 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073283.D
Acq: 01 Jul 2022 09:17

Tgt Ion: 65 Resp: 208418
Ion Ratio Lower Upper
65 100
67 51.6 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: VN073283.D

Acq: 01 Jul 2022 09:17

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBL01

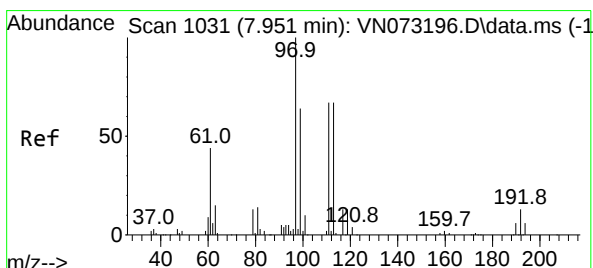
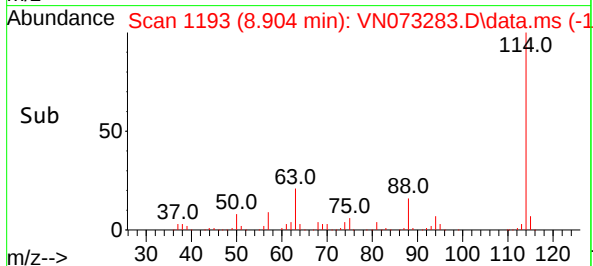
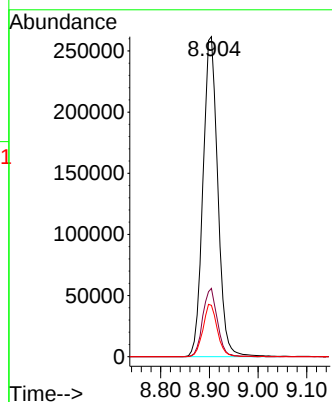
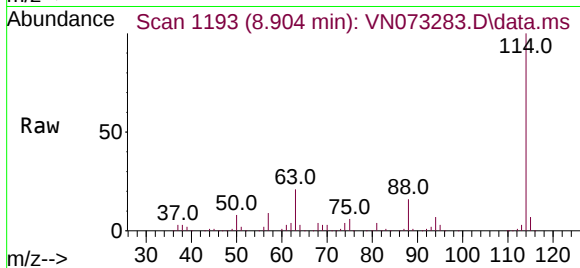
Tgt Ion:114 Resp: 551874

Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.0

88 16.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.249 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073283.D

Acq: 01 Jul 2022 09:17

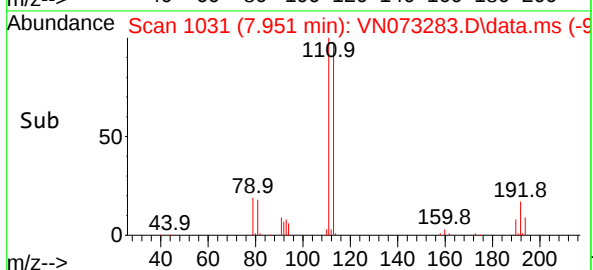
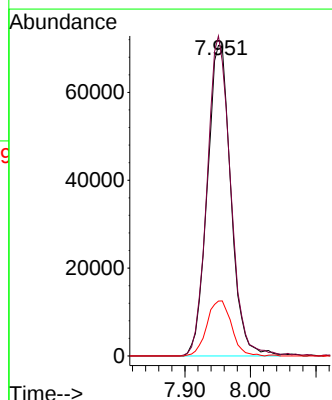
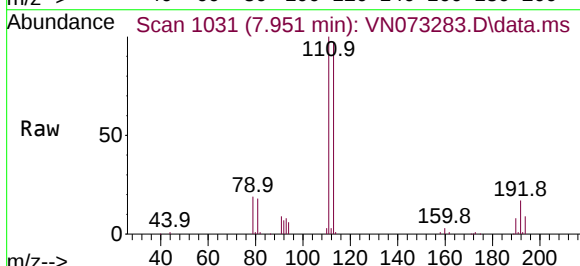
Tgt Ion:113 Resp: 177156

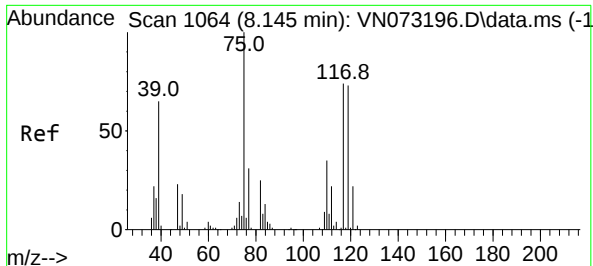
Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

192 18.5 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.732 ug/l

RT: 8.010 min Scan# 1041

Delta R.T. -0.135 min

Lab File: VN073283.D

Acq: 01 Jul 2022 09:17

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBL01

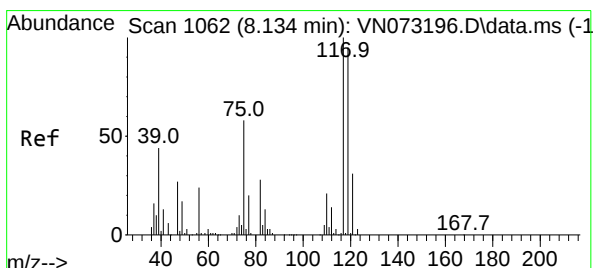
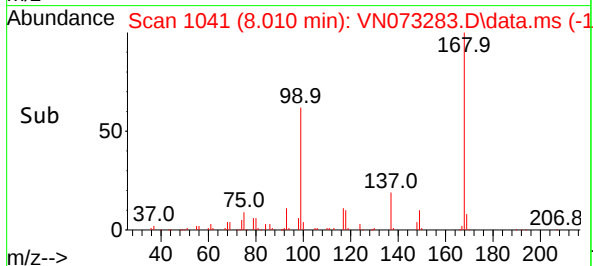
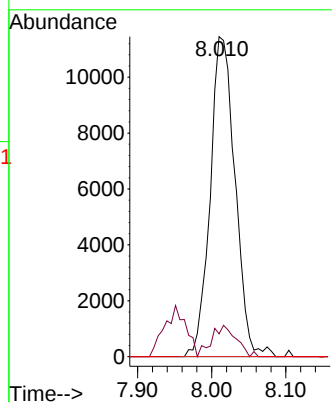
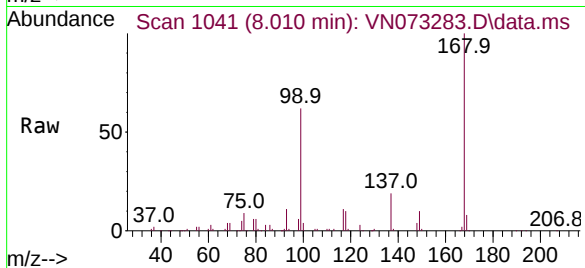
Tgt Ion: 75 Resp: 26733

Ion Ratio Lower Upper

75 100

110 9.7 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.934 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.118 min

Lab File: VN073283.D

Acq: 01 Jul 2022 09:17

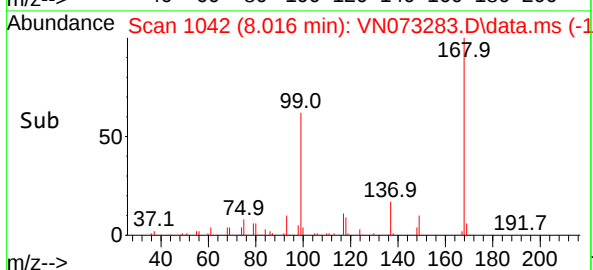
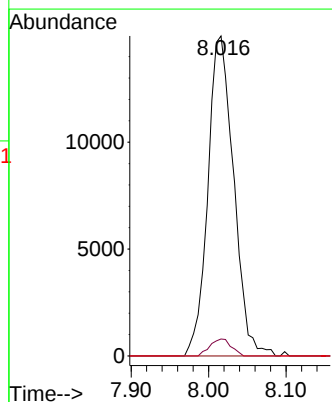
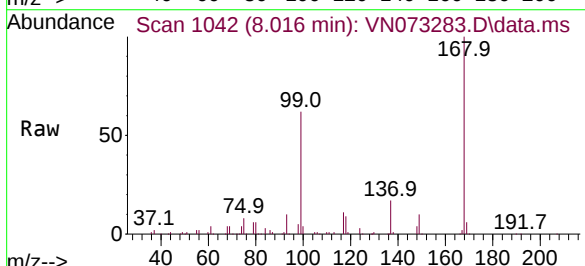
Tgt Ion: 117 Resp: 34669

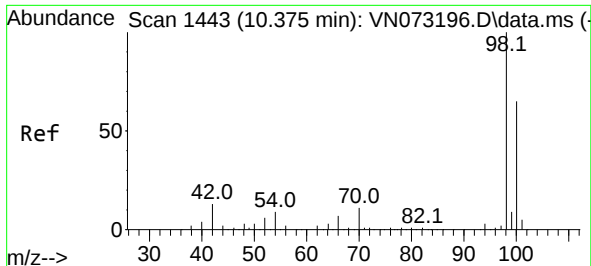
Ion Ratio Lower Upper

117 100

119 5.3 75.8 113.8#

121 0.0 24.6 37.0#

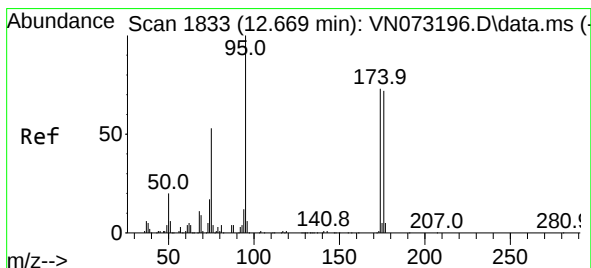
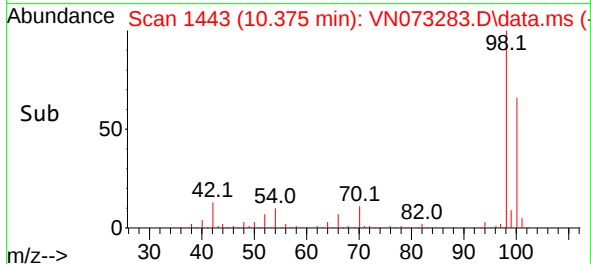
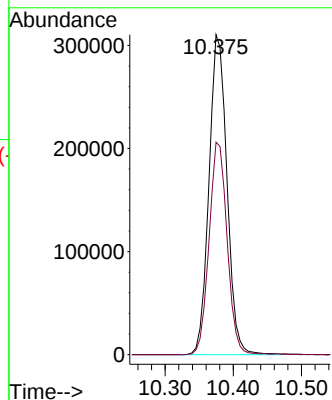
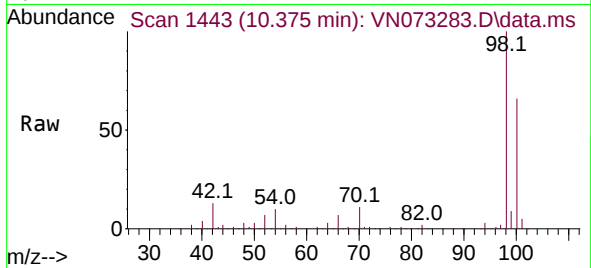




#50
Toluene-d8
Concen: 43.729 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN073283.D
Acq: 01 Jul 2022 09:17

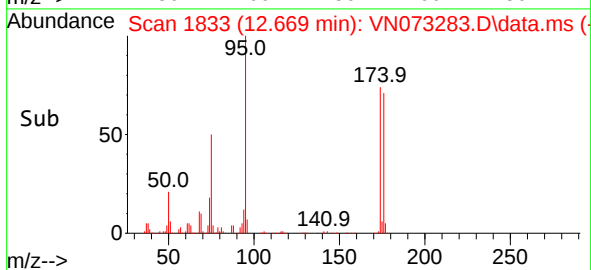
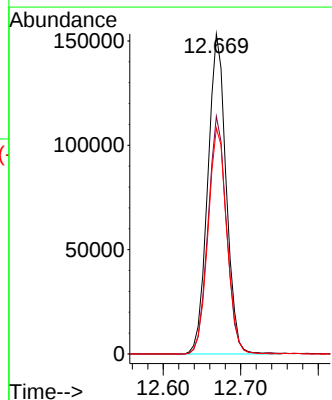
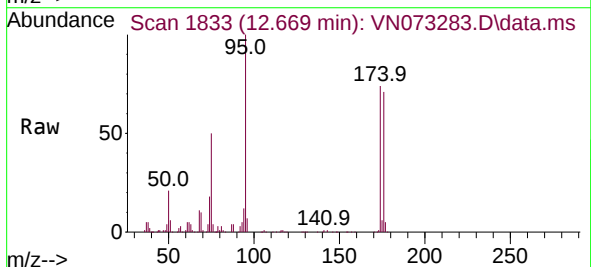
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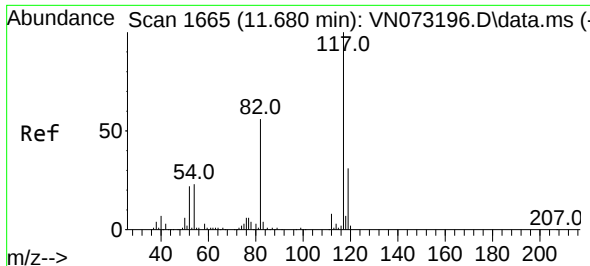
Tgt Ion: 98 Resp: 570260
Ion Ratio Lower Upper
98 100
100 66.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.263 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073283.D
Acq: 01 Jul 2022 09:17

Tgt Ion: 95 Resp: 251891
Ion Ratio Lower Upper
95 100
174 74.4 0.0 167.6
176 72.1 0.0 163.4

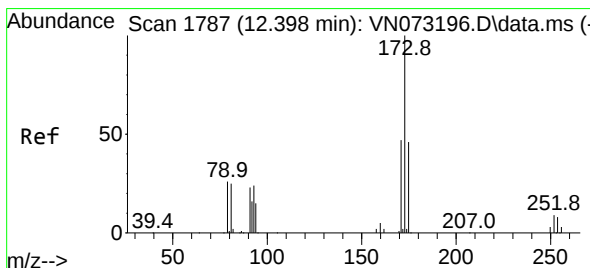
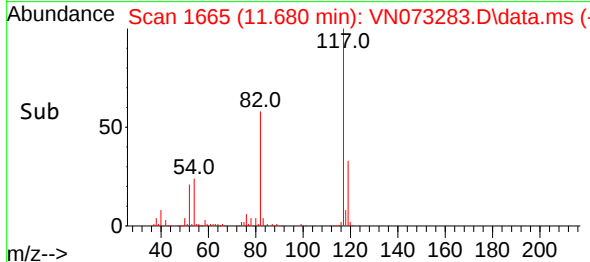
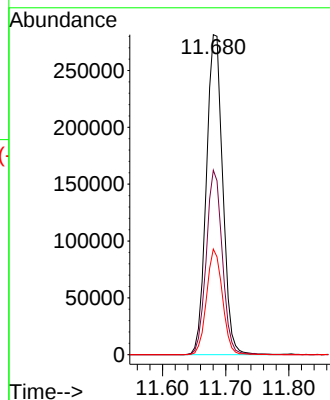
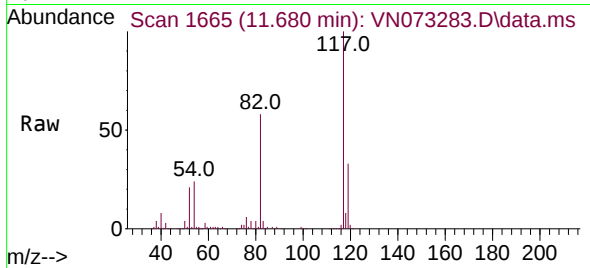




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN073283.D
Acq: 01 Jul 2022 09:17

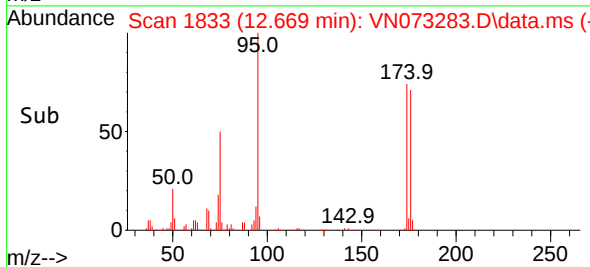
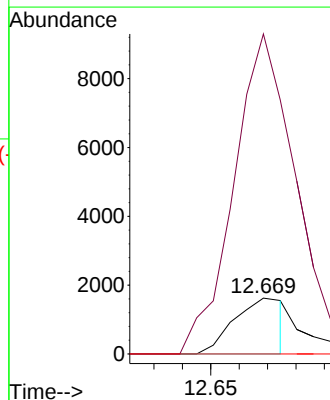
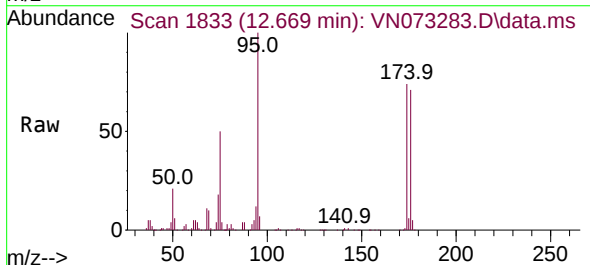
Instrument :
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VN0701WBL01

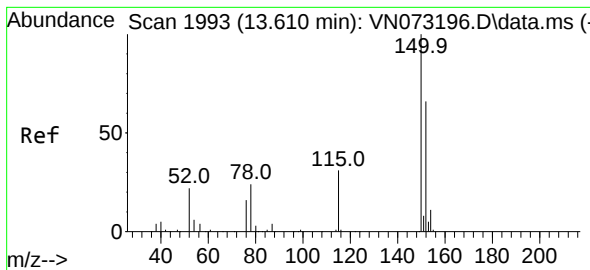
Tgt Ion:117 Resp: 507525
Ion Ratio Lower Upper
117 100
82 57.6 44.2 66.2
119 33.0 25.4 38.0



#71
Bromoform
Concen: 0.644 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.271 min
Lab File: VN073283.D
Acq: 01 Jul 2022 09:17

Tgt Ion:173 Resp: 1991
Ion Ratio Lower Upper
173 100
175 550.3 24.6 73.6#
254 0.0 0.1 0.1#

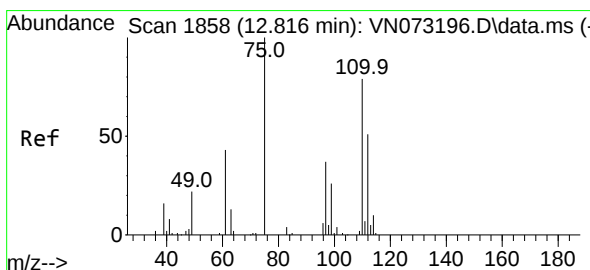
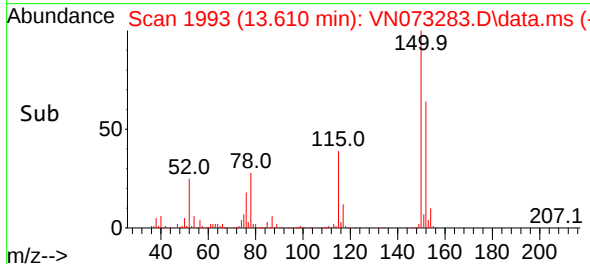
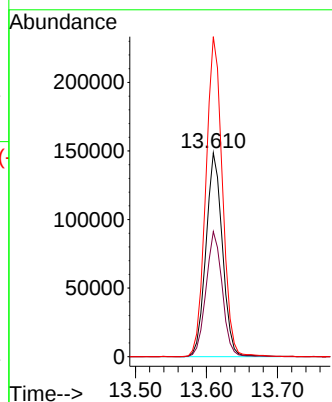
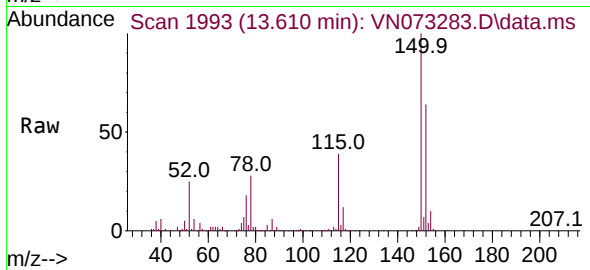




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073283.D
Acq: 01 Jul 2022 09:17

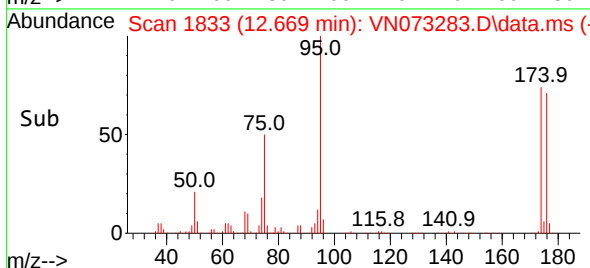
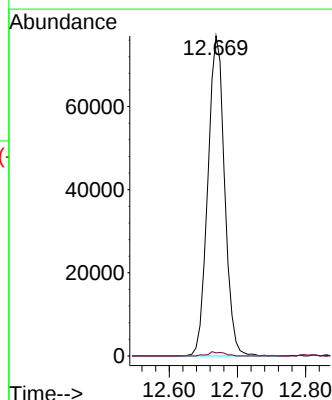
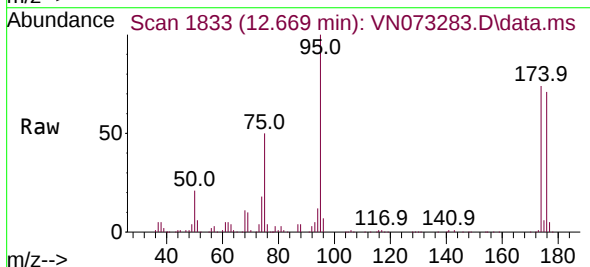
Instrument :
MSVOA_N
ClientSampleId :
VN0701WBL01

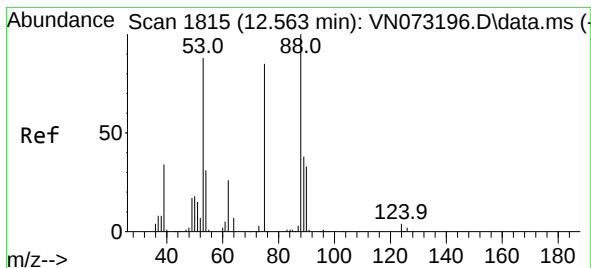
Tgt Ion:152 Resp: 239432
Ion Ratio Lower Upper
152 100
115 60.8 28.9 86.7
150 158.5 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 21.009 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.147 min
Lab File: VN073283.D
Acq: 01 Jul 2022 09:17

Tgt Ion: 75 Resp: 131533
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#

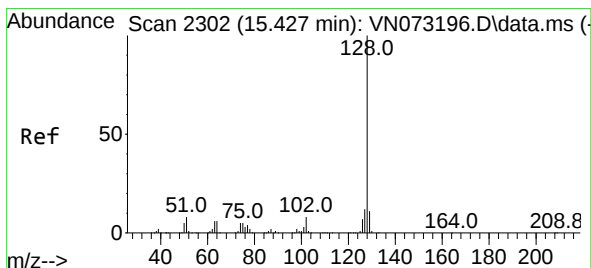
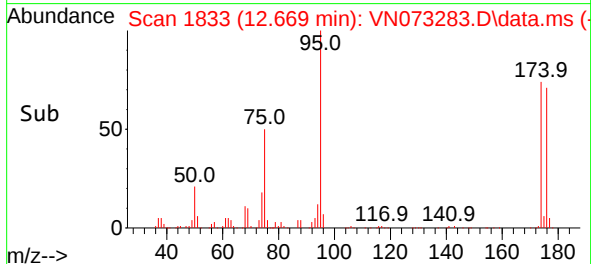
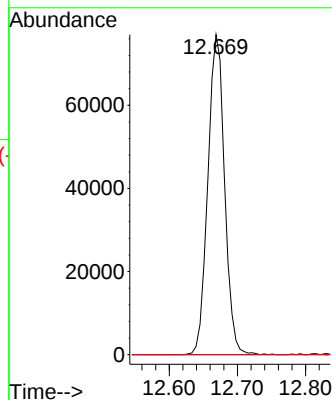
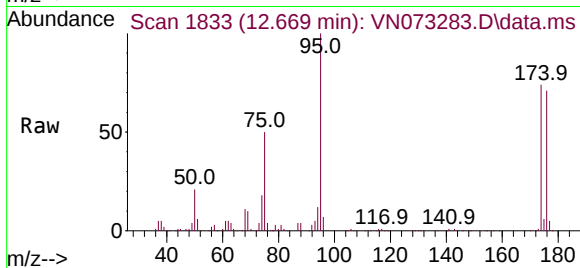




#81
trans-1,4-Dichloro-2-butene
Concen: 57.618 ug/l
RT: 12.669 min Scan# 1815
Delta R.T. 0.106 min
Lab File: VN073283.D
Acq: 01 Jul 2022 09:17

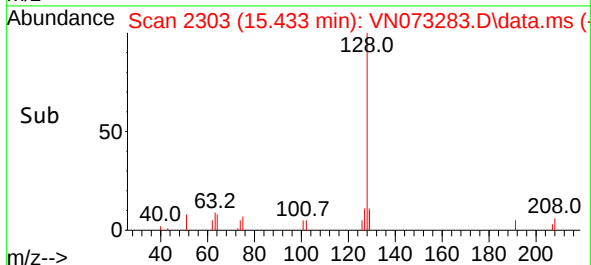
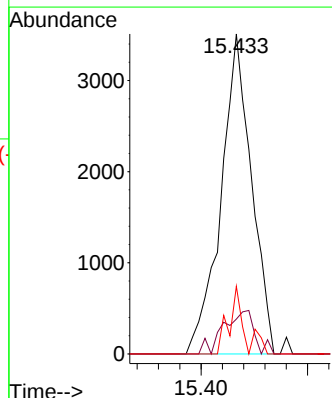
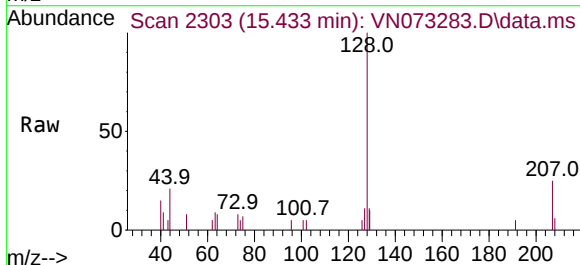
Instrument :
MSVOA_N
ClientSampleId :
VN0701WBL01

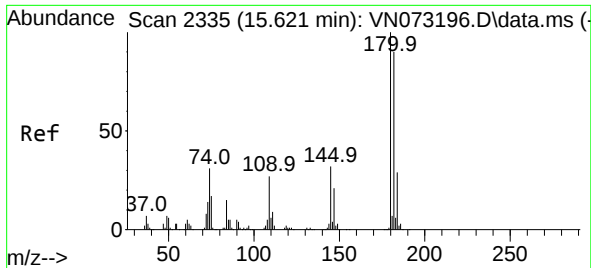
Tgt Ion: 75 Resp: 131533
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 0.378 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN073283.D
Acq: 01 Jul 2022 09:17

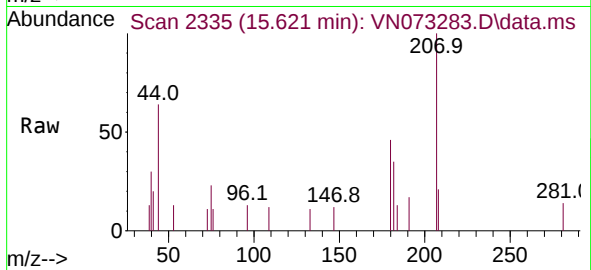
Tgt Ion:128 Resp: 6980
Ion Ratio Lower Upper
128 100
127 13.9 10.3 15.5
129 8.4 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.212 ug/l
 RT: 15.621 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN073283.D
 Acq: 01 Jul 2022 09:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBL01



Tgt Ion:180 Resp: 998
 Ion Ratio Lower Upper
 180 100
 182 81.5 47.8 143.3
 145 12.7 15.5 46.5#

