

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072522\
 Data File : VN073573.D
 Acq On : 25 Jul 2022 12:31
 Operator : JC\MD
 Sample : VN0725MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0725MBL01

Quant Time: Jul 26 02:16:04 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)

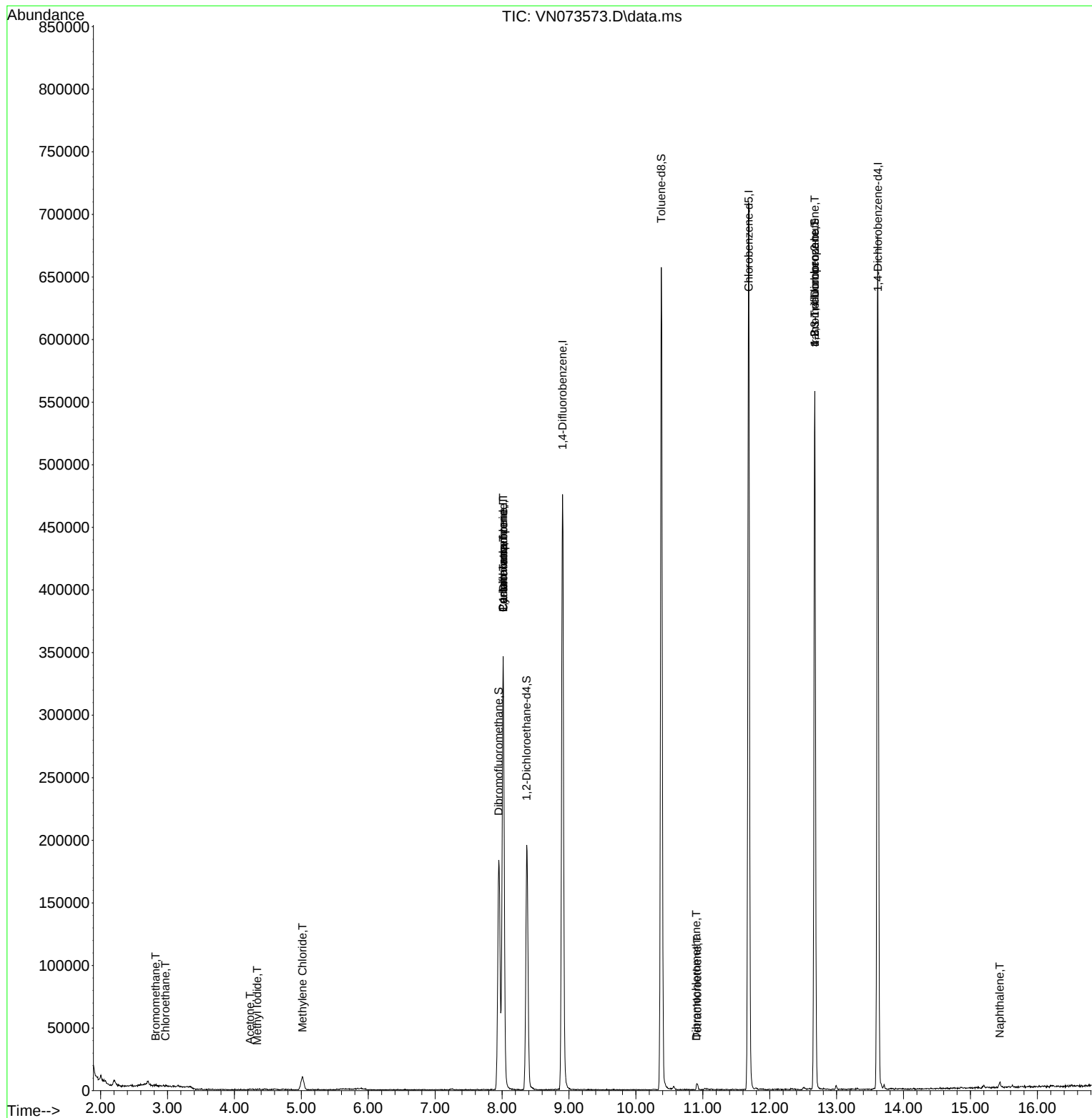
Internal Standards						
1) Pentafluorobenzene	8.016	168	259055	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	419790	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	388898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	183242	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	159667	42.695	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.380%		
35) Dibromofluoromethane	7.951	113	136476	48.865	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.720%		
50) Toluene-d8	10.380	98	452649	45.632	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.260%		
62) 4-Bromofluorobenzene	12.674	95	183615	48.167	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.340%		
Target Compounds						Qvalue
5) Bromomethane	2.822	94	351	0.238	ug/l #	62
6) Chloroethane	2.969	64	444	0.242	ug/l #	42
10) Methyl Iodide	4.340	142	57	3.749	ug/l #	44
16) Acetone	4.234	43	655	0.312	ug/l #	86
20) Methylene Chloride	5.016	84	7808	2.116	ug/l #	92
31) Cyclohexane	8.016	56	5807	0.948	ug/l #	26
36) 1,1-Dichloropropene	8.016	75	21560	5.017	ug/l #	48
38) Carbon Tetrachloride	8.016	117	25268	5.686	ug/l #	18
60) Dibromochloromethane	10.904	129	1317	0.409	ug/l #	11
64) Tetrachloroethene	10.916	164	1135	0.357	ug/l	88
76) 1,2,3-Trichloropropane	12.674	75	96276	20.093	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	96276	55.106	ug/l #	11
95) Naphthalene	15.439	128	4226	0.299	ug/l #	92

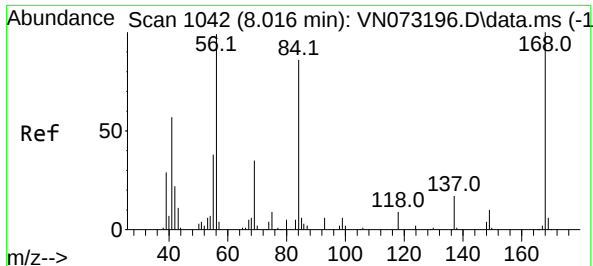
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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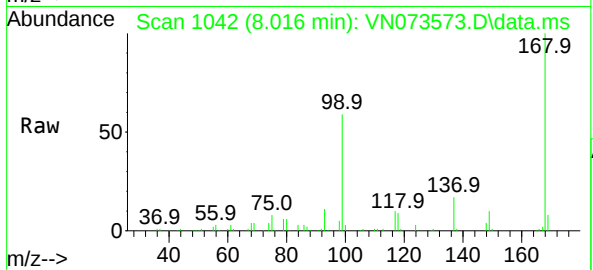
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 01:54:03 2022
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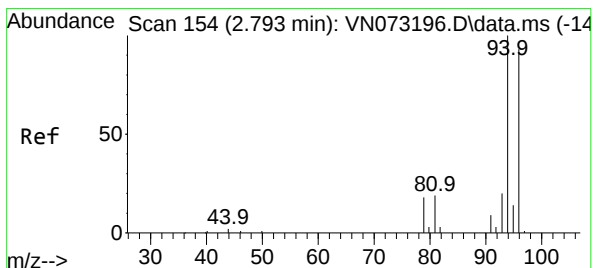
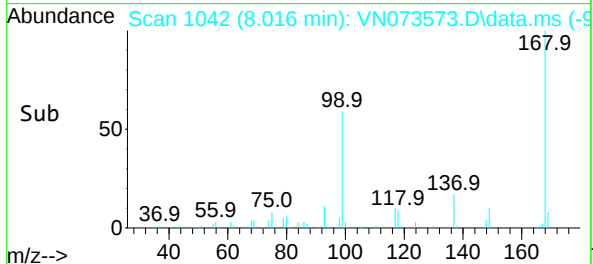
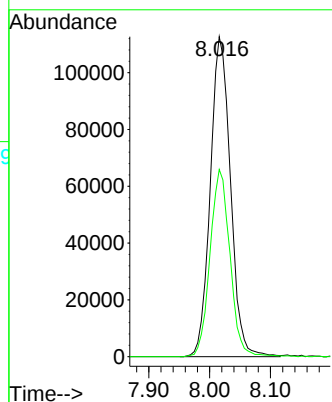


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073573.D
Acq: 25 Jul 2022 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN0725MBL01

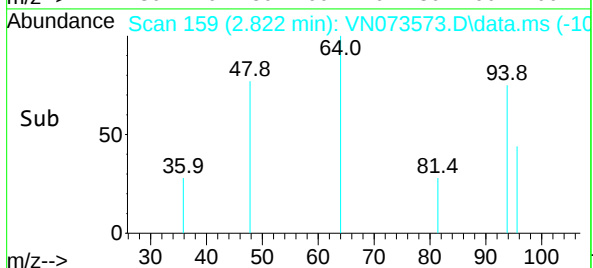
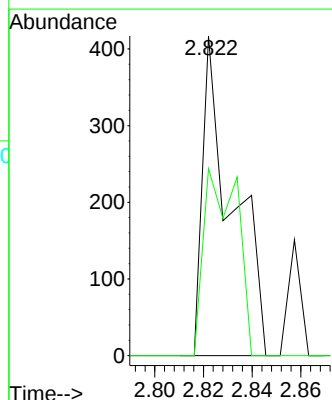
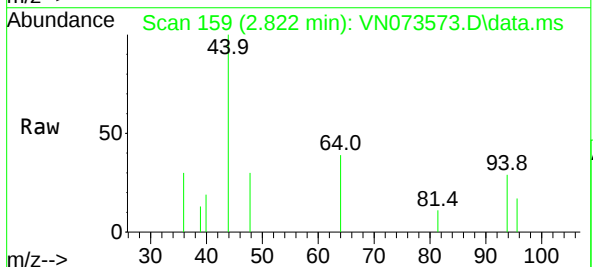


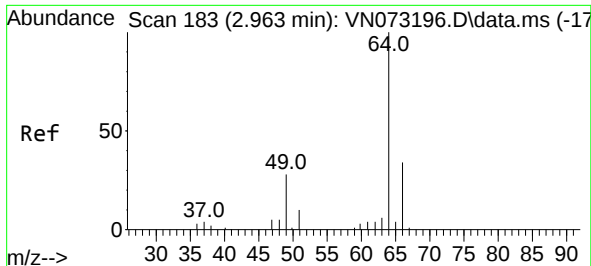
Tgt Ion:168 Resp: 259055
Ion Ratio Lower Upper
168 100
99 58.5 42.3 63.5



#5
Bromomethane
Concen: 0.238 ug/l
RT: 2.822 min Scan# 159
Delta R.T. 0.029 min
Lab File: VN073573.D
Acq: 25 Jul 2022 12:31

Tgt Ion: 94 Resp: 351
Ion Ratio Lower Upper
94 100
96 58.5 76.0 114.0#

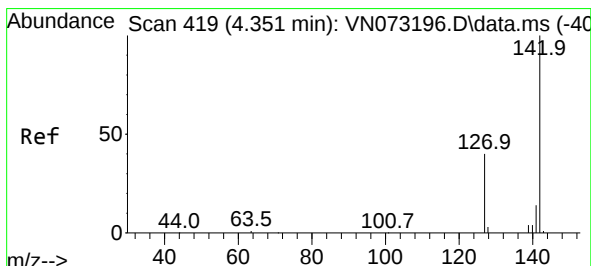
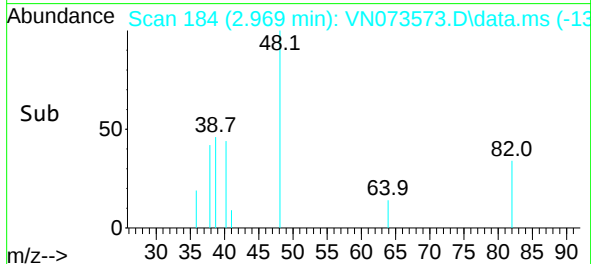
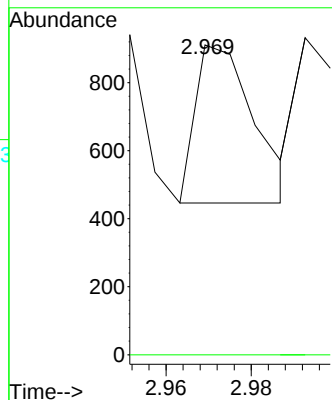
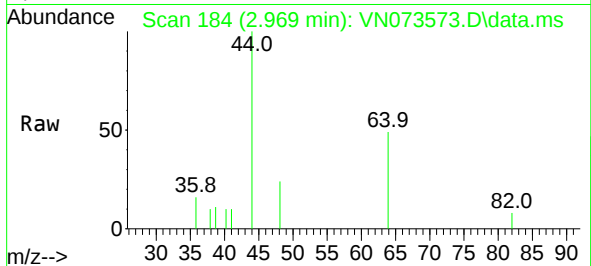




#6
Chloroethane
Concen: 0.242 ug/l
RT: 2.969 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073573.D
Acq: 25 Jul 2022 12:31

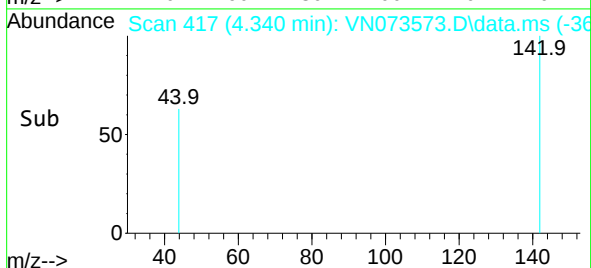
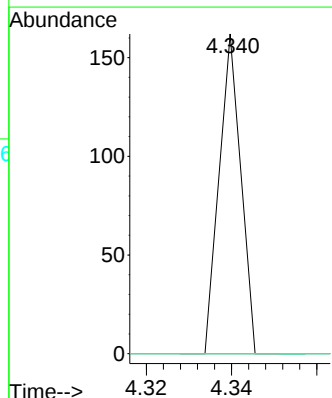
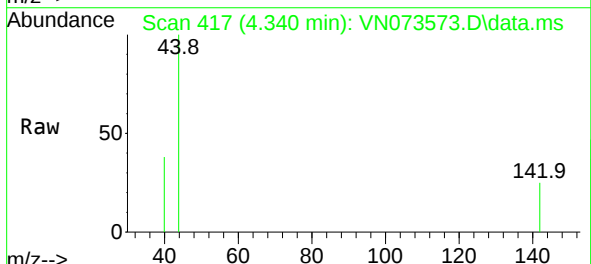
Instrument :
MSVOA_N
ClientSampleId :
VN0725MBL01

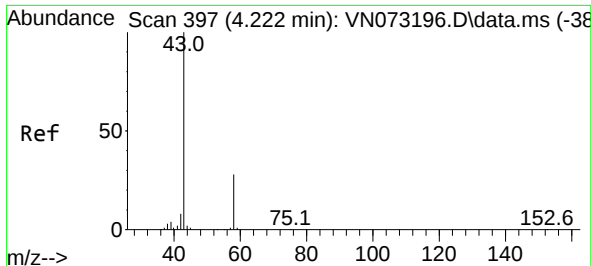
Tgt Ion: 64 Resp: 444
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#10
Methyl Iodide
Concen: 3.749 ug/l
RT: 4.340 min Scan# 417
Delta R.T. -0.011 min
Lab File: VN073573.D
Acq: 25 Jul 2022 12:31

Tgt Ion: 142 Resp: 57
Ion Ratio Lower Upper
142 100
127 0.0 31.3 46.9#
141 0.0 11.2 16.8#

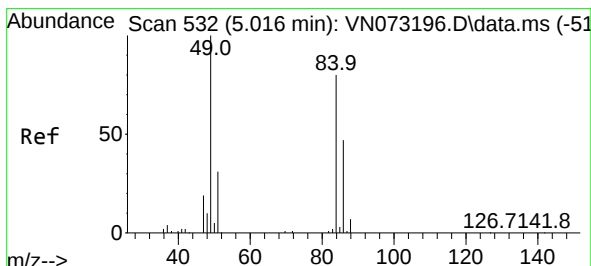
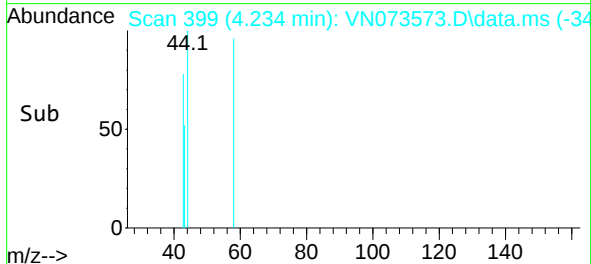
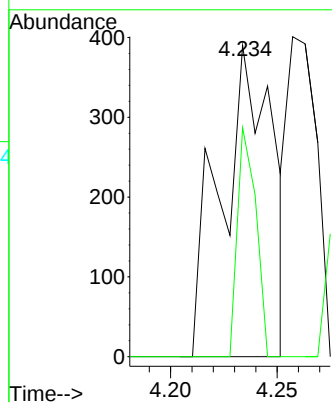
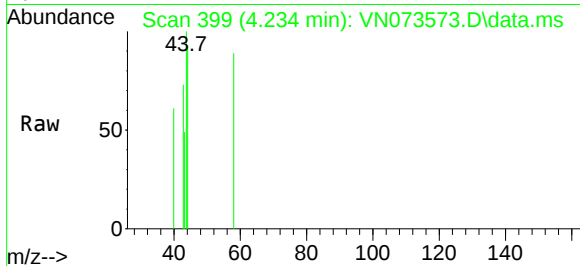




#16
Acetone
Concen: 0.312 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.012 min
Lab File: VN073573.D
Acq: 25 Jul 2022 12:31

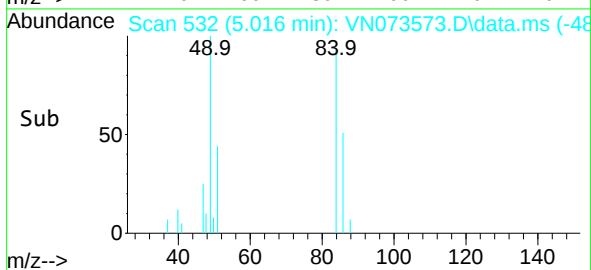
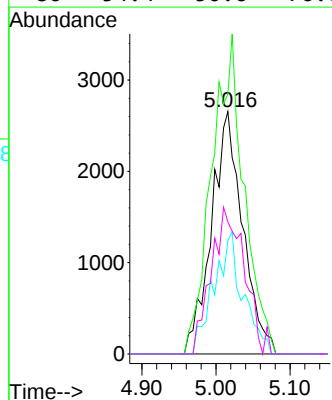
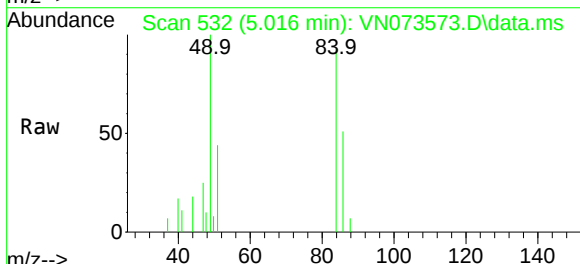
Instrument :
MSVOA_N
ClientSampleId :
VN0725MBL01

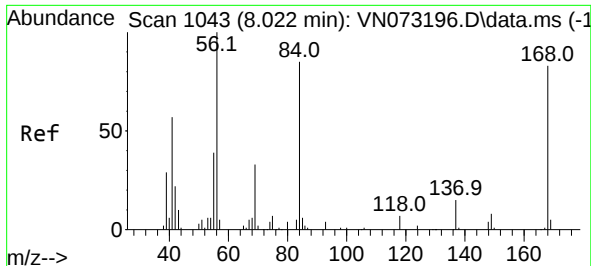
Tgt Ion: 43 Resp: 655
Ion Ratio Lower Upper
43 100
58 40.4 26.0 39.0#



#20
Methylene Chloride
Concen: 2.116 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.000 min
Lab File: VN073573.D
Acq: 25 Jul 2022 12:31

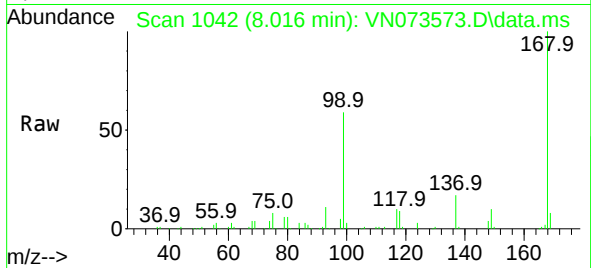
Tgt Ion: 84 Resp: 7808
Ion Ratio Lower Upper
84 100
49 107.3 88.3 132.5
51 46.8 28.2 42.2#
86 54.4 50.6 76.0



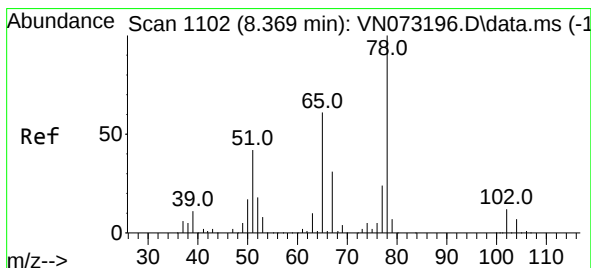
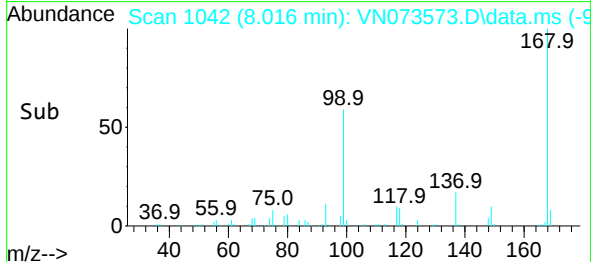
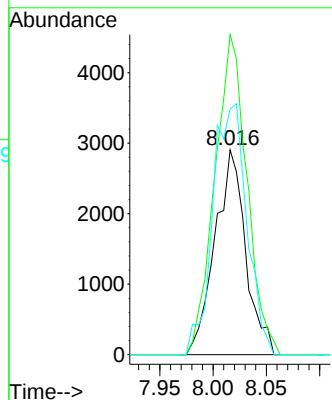


#31
Cyclohexane
Concen: 0.948 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073573.D
Acq: 25 Jul 2022 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN0725MBL01

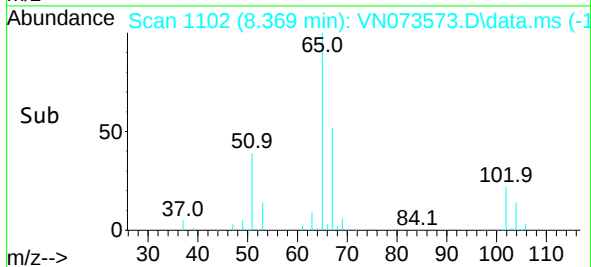
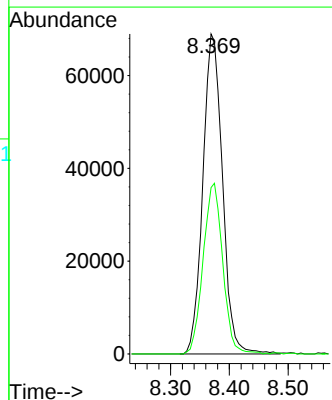
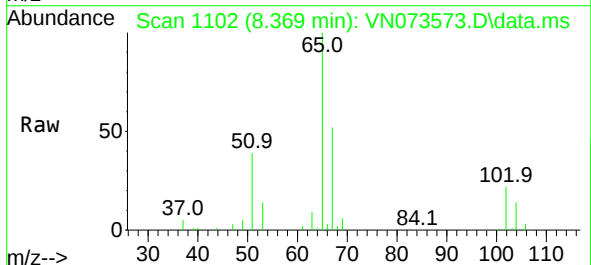


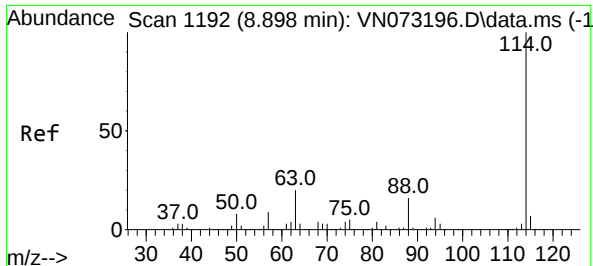
Tgt Ion: 56 Resp: 5807
Ion Ratio Lower Upper
56 100
69 156.2 27.8 41.8#
84 119.9 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 42.695 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073573.D
Acq: 25 Jul 2022 12:31

Tgt Ion: 65 Resp: 159667
Ion Ratio Lower Upper
65 100
67 53.3 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073573.D

Acq: 25 Jul 2022 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN0725MBL01

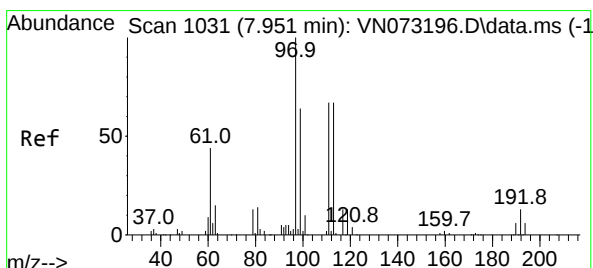
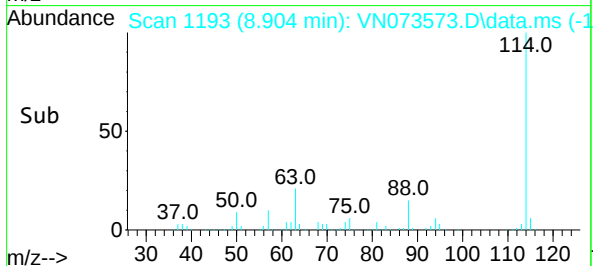
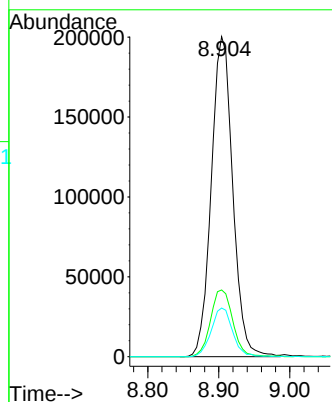
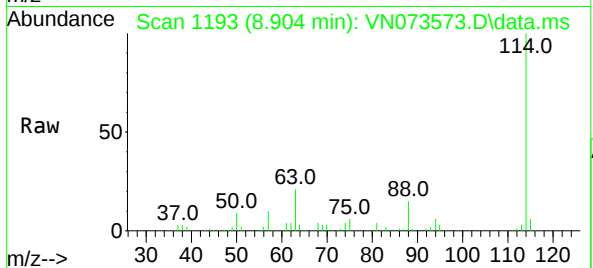
Tgt Ion:114 Resp: 419790

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.0

88 15.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.865 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073573.D

Acq: 25 Jul 2022 12:31

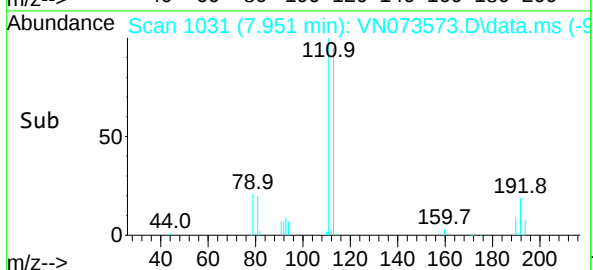
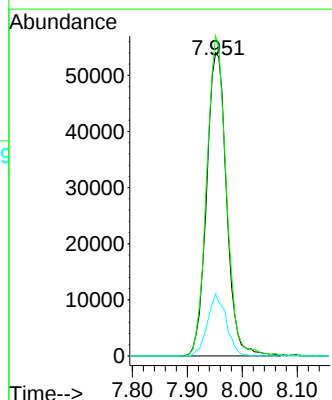
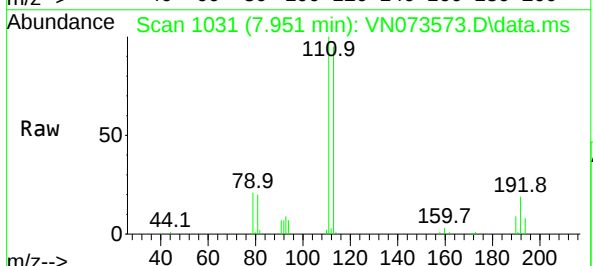
Tgt Ion:113 Resp: 136476

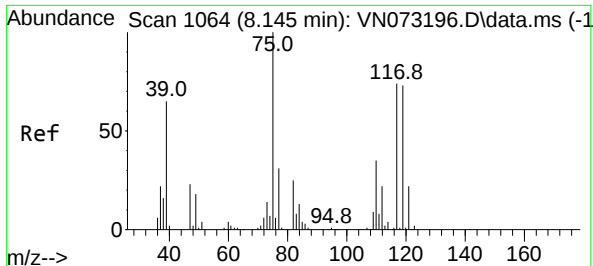
Ion Ratio Lower Upper

113 100

111 103.7 81.4 122.0

192 19.3 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.017 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073573.D

Acq: 25 Jul 2022 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN0725MBL01

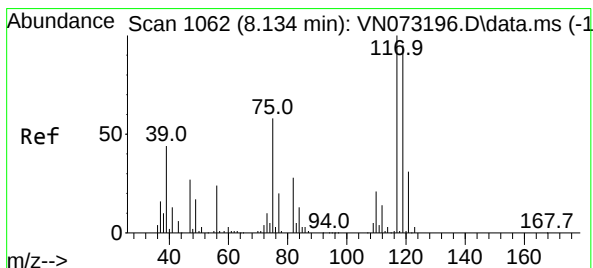
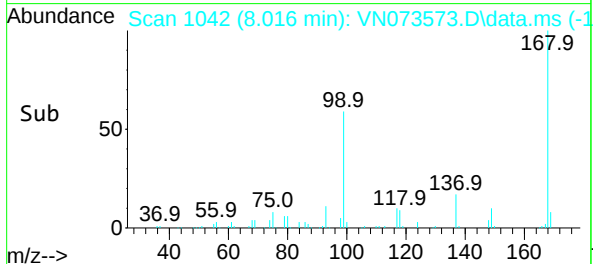
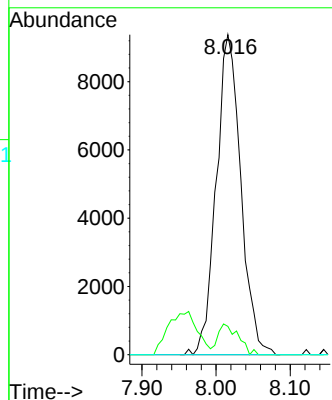
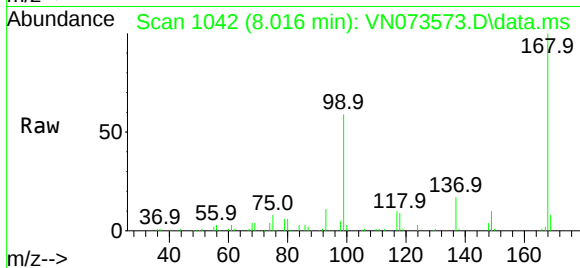
Tgt Ion: 75 Resp: 21560

Ion Ratio Lower Upper

75 100

110 8.0 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.686 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.118 min

Lab File: VN073573.D

Acq: 25 Jul 2022 12:31

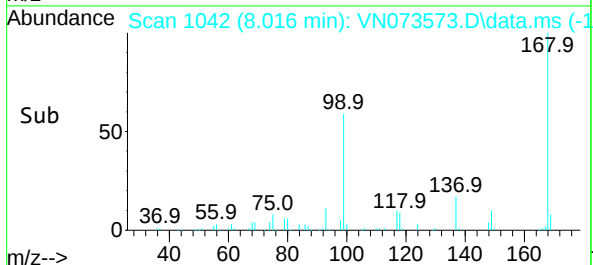
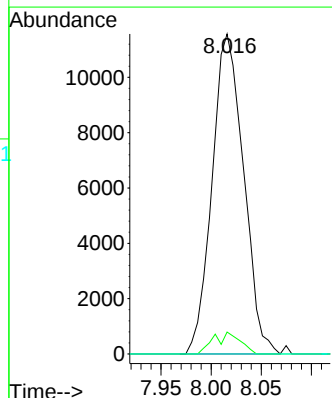
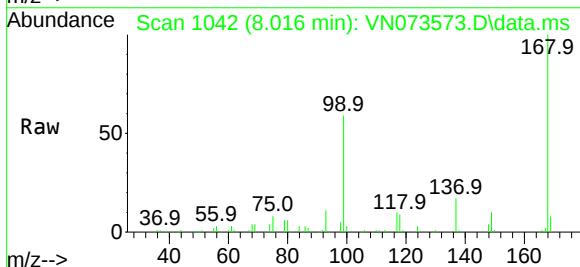
Tgt Ion: 117 Resp: 25268

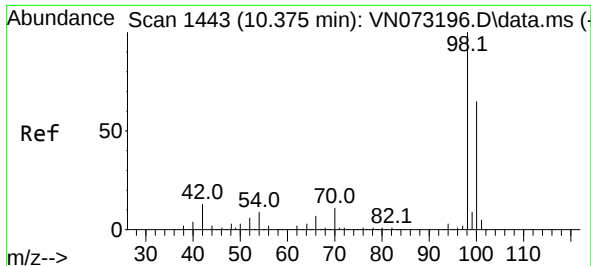
Ion Ratio Lower Upper

117 100

119 6.9 75.8 113.8#

121 0.0 24.6 37.0#

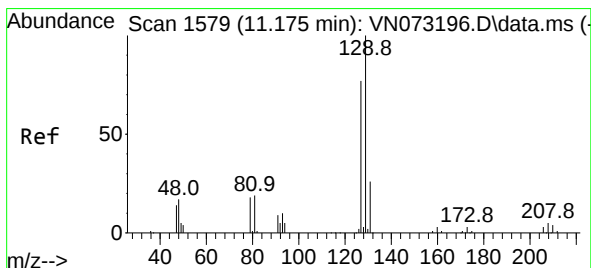
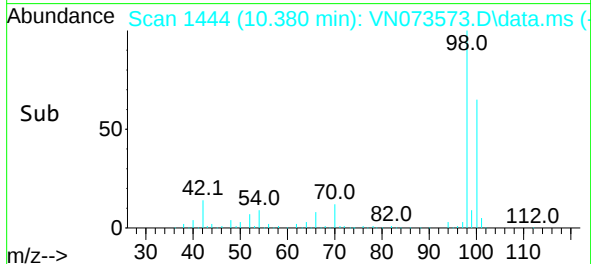
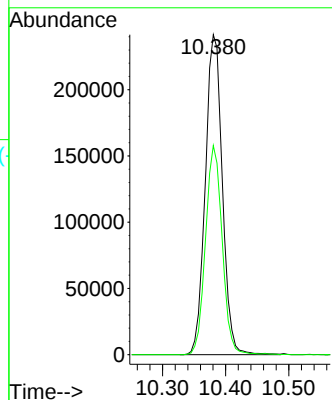
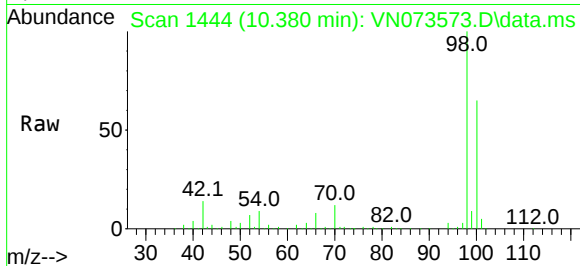




#50
Toluene-d8
Concen: 45.632 ug/l
RT: 10.380 min Scan# 1443
Delta R.T. 0.005 min
Lab File: VN073573.D
Acq: 25 Jul 2022 12:31

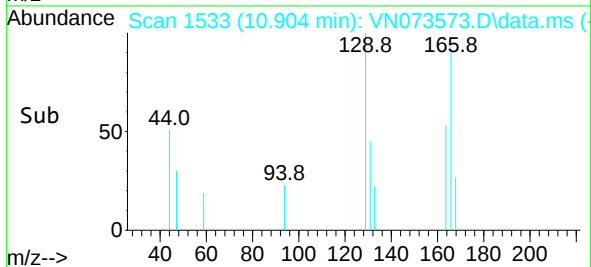
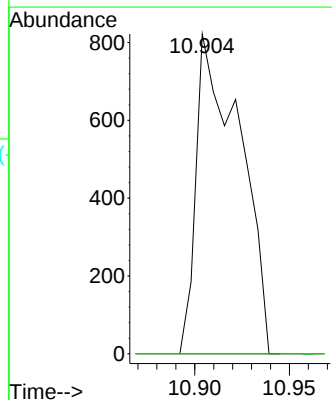
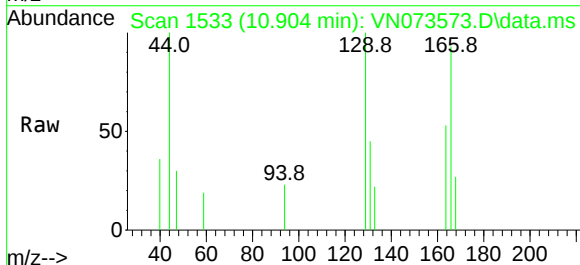
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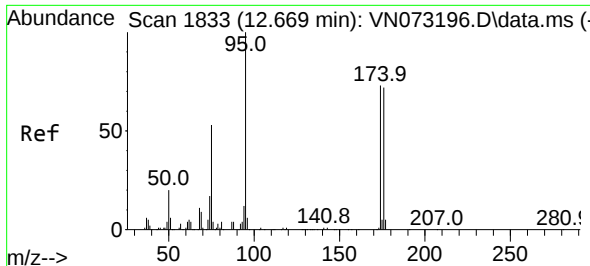
Tgt Ion: 98 Resp: 452649
Ion Ratio Lower Upper
98 100
100 63.8 52.6 78.8



#60
Dibromochloromethane
Concen: 0.409 ug/l
RT: 10.904 min Scan# 1533
Delta R.T. -0.271 min
Lab File: VN073573.D
Acq: 25 Jul 2022 12:31

Tgt Ion: 129 Resp: 1317
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

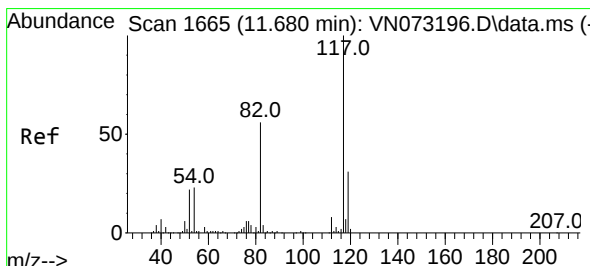
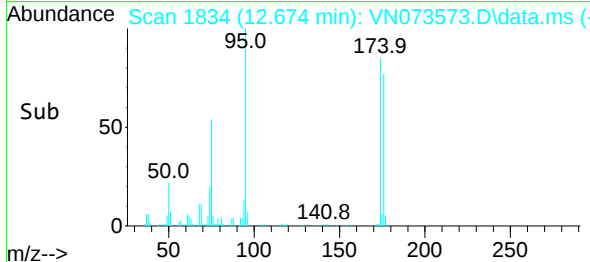
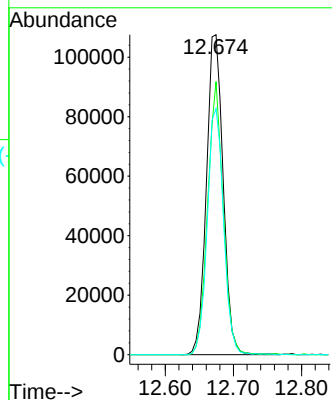
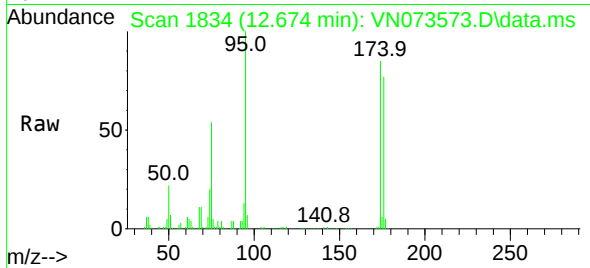




#62
4-Bromofluorobenzene
Concen: 48.167 ug/l
RT: 12.674 min Scan# 1833
Delta R.T. 0.005 min
Lab File: VN073573.D
Acq: 25 Jul 2022 12:31

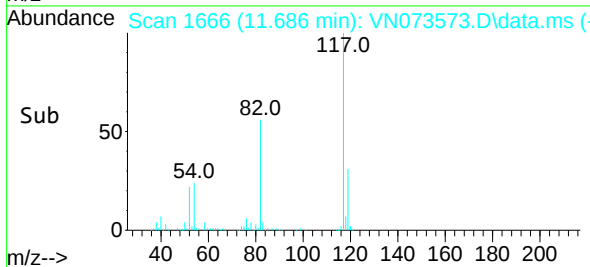
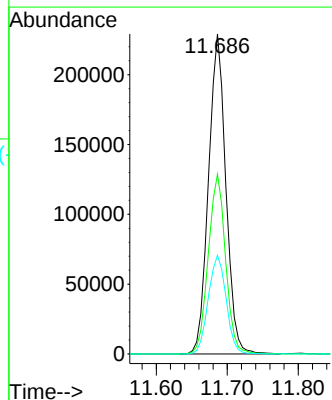
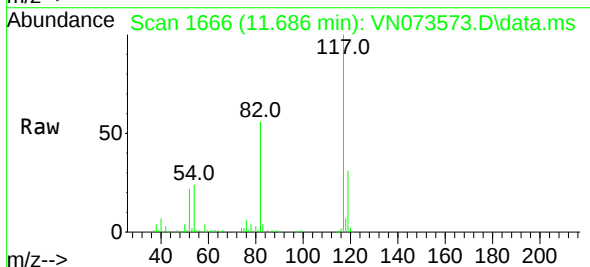
Instrument :
MSVOA_N
ClientSampleId :
VN0725MBL01

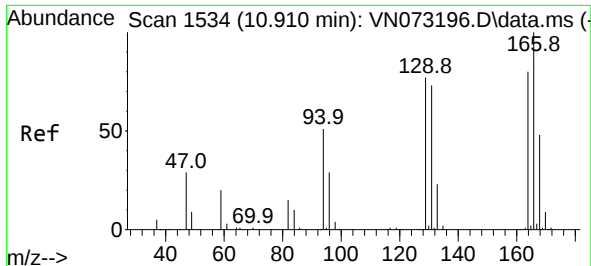
Tgt Ion: 95 Resp: 183615
Ion Ratio Lower Upper
95 100
174 79.4 0.0 167.6
176 75.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073573.D
Acq: 25 Jul 2022 12:31

Tgt Ion: 117 Resp: 388898
Ion Ratio Lower Upper
117 100
82 56.2 44.2 66.2
119 30.9 25.4 38.0

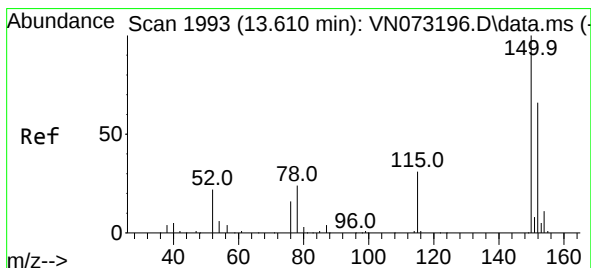
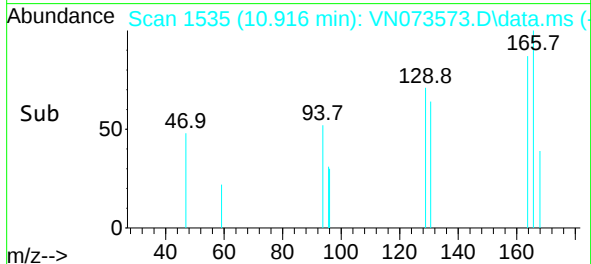
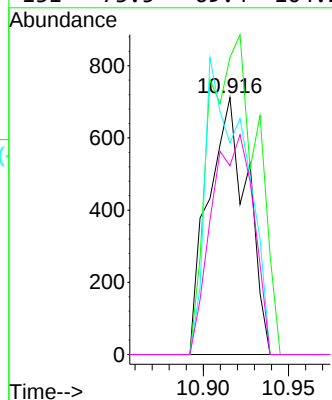
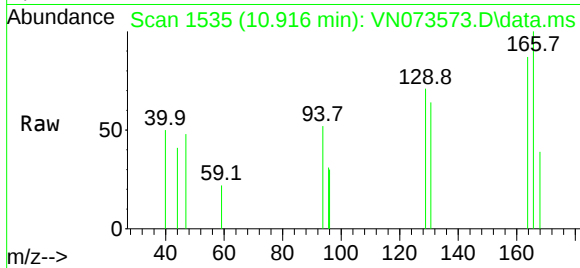




#64
Tetrachloroethene
Concen: 0.357 ug/l
RT: 10.916 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073573.D
Acq: 25 Jul 2022 12:31

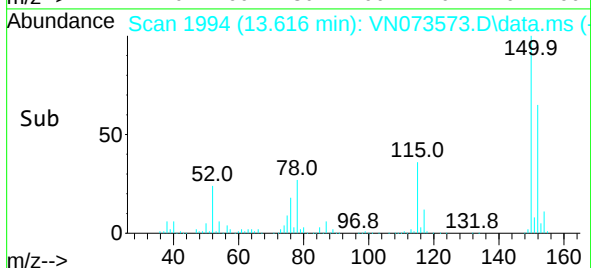
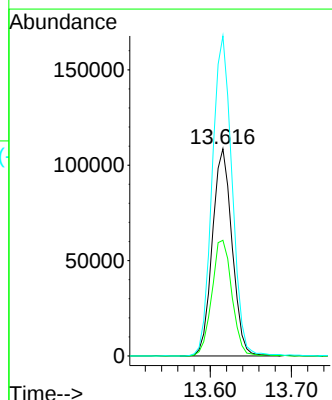
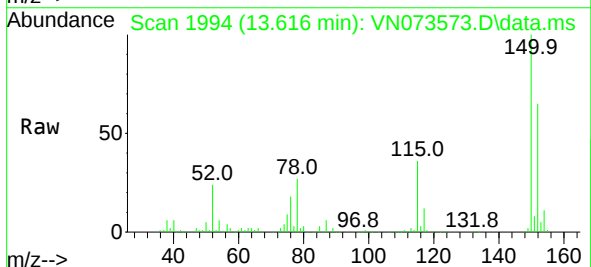
Instrument :
MSVOA_N
ClientSampleId :
VN0725MBL01

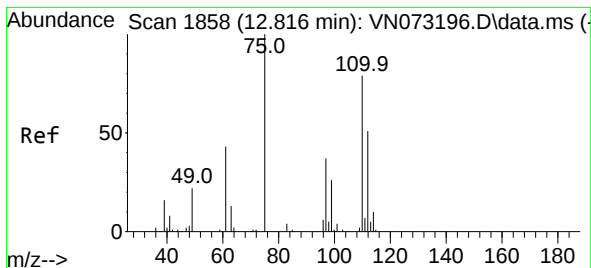
Tgt Ion:164 Resp: 1135
Ion Ratio Lower Upper
164 100
166 115.6 104.2 156.2
129 82.3 73.9 110.9
131 73.5 69.4 104.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VN073573.D
Acq: 25 Jul 2022 12:31

Tgt Ion:152 Resp: 183242
Ion Ratio Lower Upper
152 100
115 56.6 28.9 86.7
150 155.9 0.0 356.2





#76

1,2,3-Trichloropropane

Concen: 20.093 ug/l

RT: 12.674 min Scan# 1834

Delta R.T. -0.142 min

Lab File: VN073573.D

Acq: 25 Jul 2022 12:31

Instrument :

MSVOA_N

ClientSampleId :

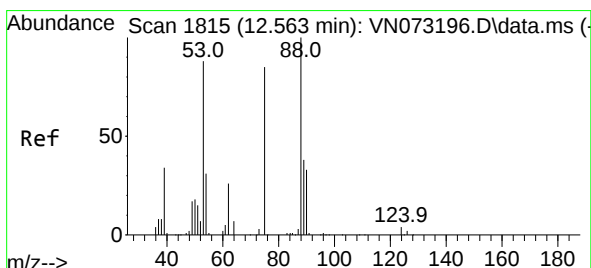
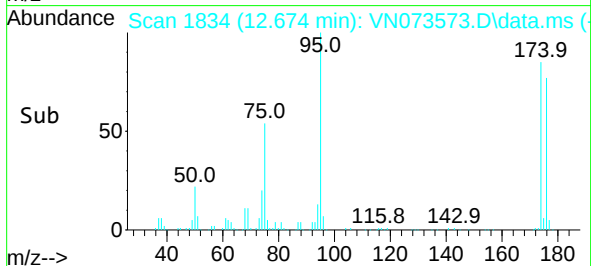
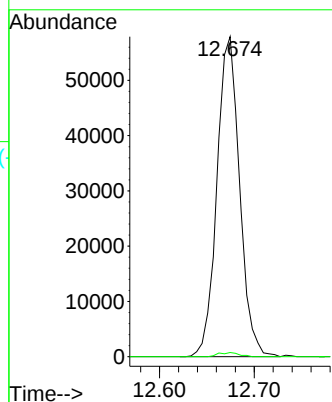
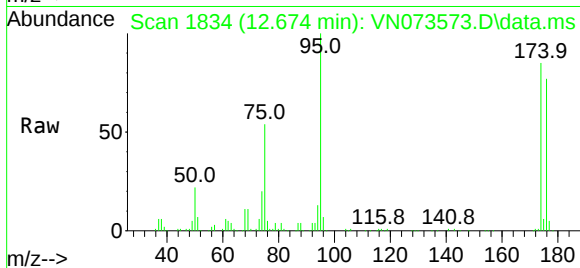
VN0725MBL01

Tgt Ion: 75 Resp: 96276

Ion Ratio Lower Upper

75 100

77 1.2 98.5 295.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 55.106 ug/l

RT: 12.674 min Scan# 1834

Delta R.T. 0.111 min

Lab File: VN073573.D

Acq: 25 Jul 2022 12:31

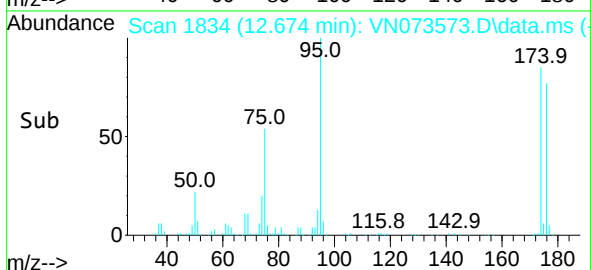
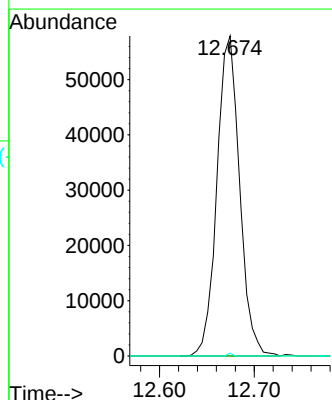
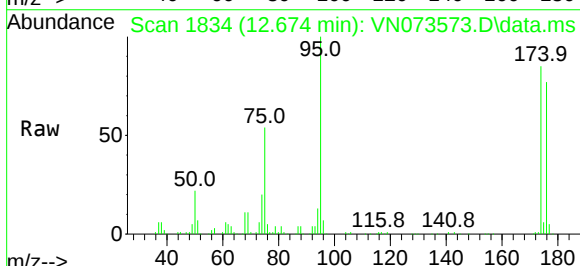
Tgt Ion: 75 Resp: 96276

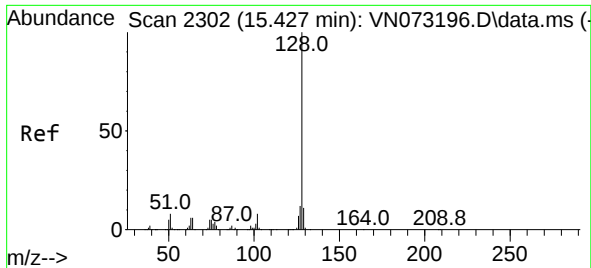
Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

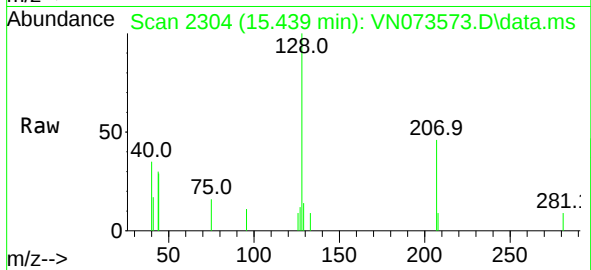
89 0.2 37.2 55.8#





#95
Naphthalene
Concen: 0.299 ug/l
RT: 15.439 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN073573.D
Acq: 25 Jul 2022 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN0725MBL01



Tgt Ion:128 Resp: 4226
Ion Ratio Lower Upper
128 100
127 10.2 10.3 15.5#
129 7.5 8.6 13.0#

