

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070122\
 Data File : VN073299.D
 Acq On : 01 Jul 2022 16:01
 Operator : JC\MD
 Sample : N3569-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 152140-SPC-05-40

Quant Time: Jul 04 05:06:01 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)

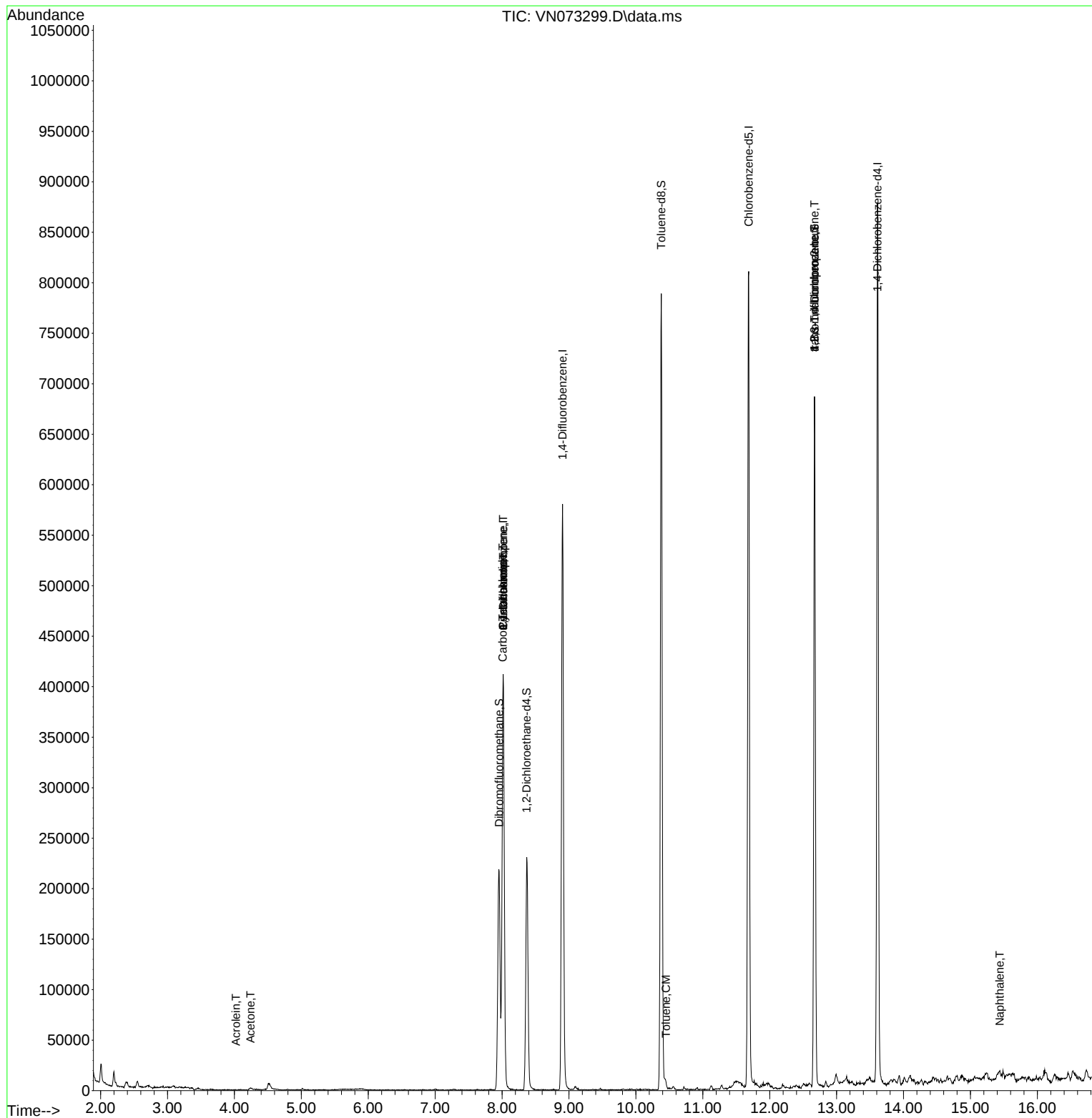
Internal Standards						
1) Pentafluorobenzene	8.016	168	313383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	518045	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	478734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	234868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	194171	42.920	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.840%
35) Dibromofluoromethane	7.957	113	163271	47.371	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.740%
50) Toluene-d8	10.380	98	545253	44.542	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.080%
62) 4-Bromofluorobenzene	12.669	95	238993	50.803	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.600%
Target Compounds						
					Qvalue	
13) Acrolein	4.022	56	166	0.240	ug/l #	16
16) Acetone	4.240	43	4097	1.613	ug/l	91
31) Cyclohexane	8.016	56	7524	1.015	ug/l #	28
36) 1,1-Dichloropropene	8.016	75	24689	4.655	ug/l #	48
38) Carbon Tetrachloride	8.010	117	31695	5.779	ug/l #	18
52) Toluene	10.451	92	2951	0.292	ug/l	89
76) 1,2,3-Trichloropropane	12.669	75	124622	20.292	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	124622	55.651	ug/l #	10
95) Naphthalene	15.439	128	9496	0.525	ug/l #	94

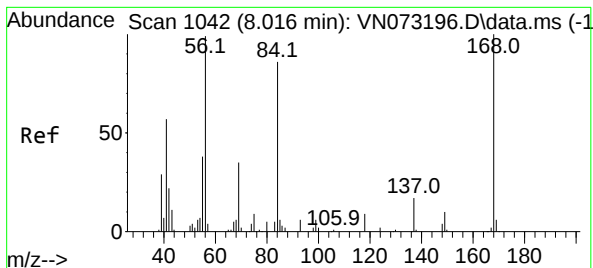
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jun 29 01:54:03 2022
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.016 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN073299.D

Acq: 01 Jul 2022 16:01

Instrument :

MSVOA_N

ClientSampleId :

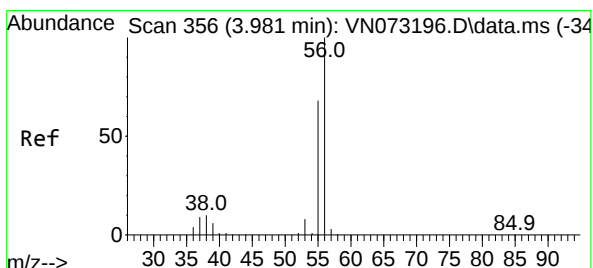
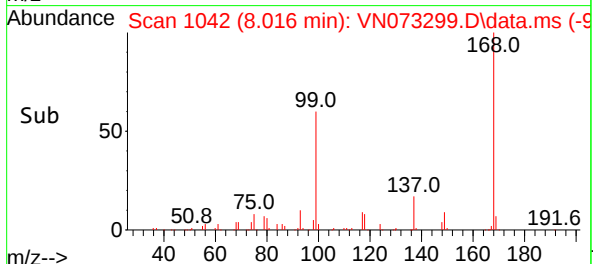
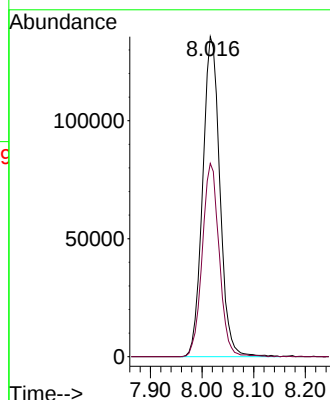
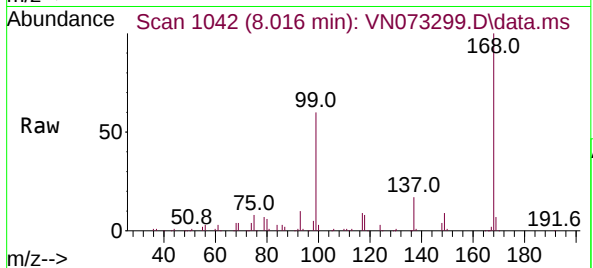
152140-SPC-05-40

Tgt Ion:168 Resp: 313383

Ion Ratio Lower Upper

168 100

99 60.4 42.3 63.5



#13

Acrolein

Concen: 0.240 ug/l

RT: 4.022 min Scan# 363

Delta R.T. 0.041 min

Lab File: VN073299.D

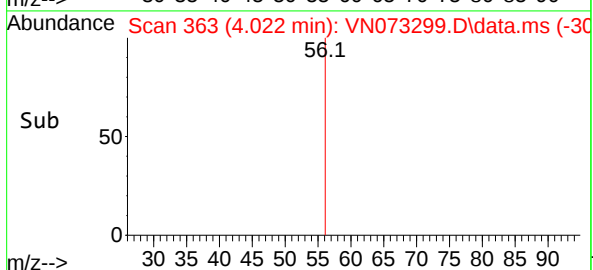
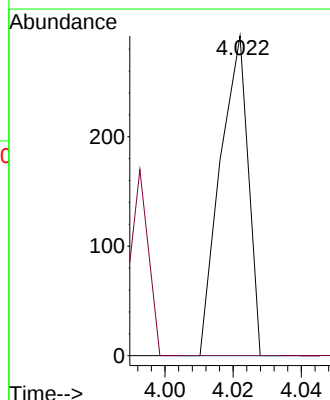
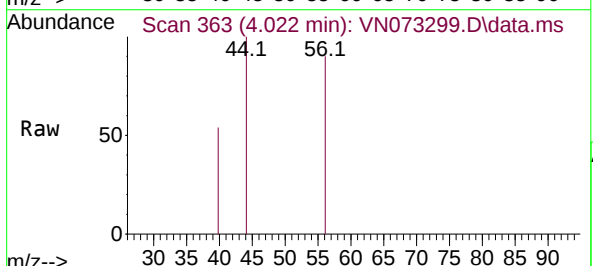
Acq: 01 Jul 2022 16:01

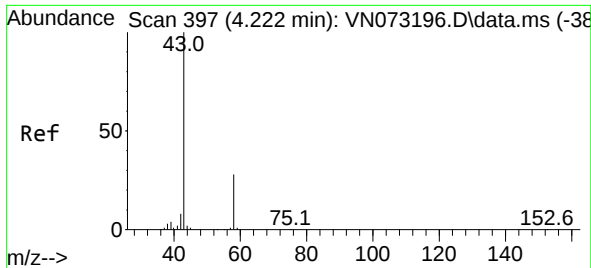
Tgt Ion: 56 Resp: 166

Ion Ratio Lower Upper

56 100

55 0.0 54.8 82.2#





#16

Acetone

Concen: 1.613 ug/l

RT: 4.240 min Scan# 40

Delta R.T. 0.018 min

Lab File: VN073299.D

Acq: 01 Jul 2022 16:01

Instrument :

MSVOA_N

ClientSampleId :

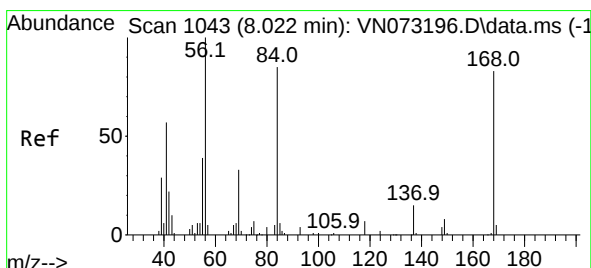
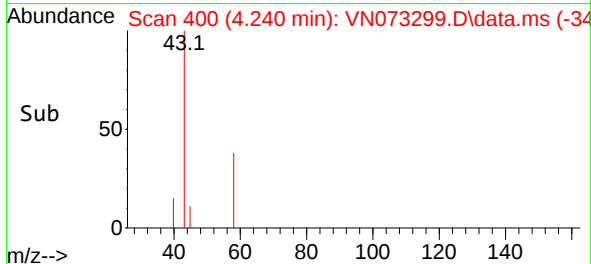
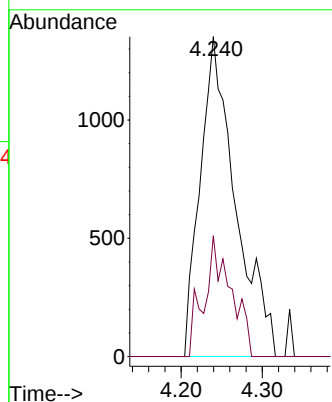
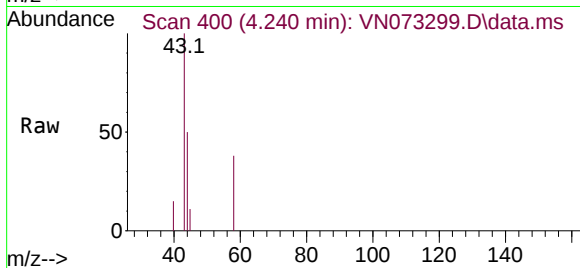
152140-SPC-05-40

Tgt Ion: 43 Resp: 4097

Ion Ratio Lower Upper

43 100

58 37.8 26.0 39.0



#31

Cyclohexane

Concen: 1.015 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VN073299.D

Acq: 01 Jul 2022 16:01

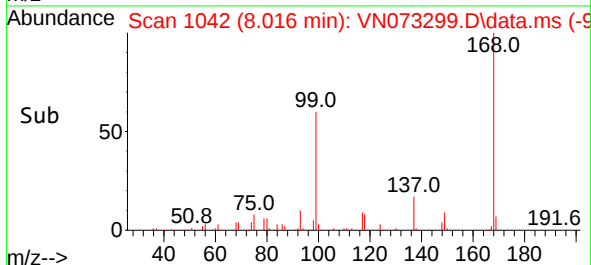
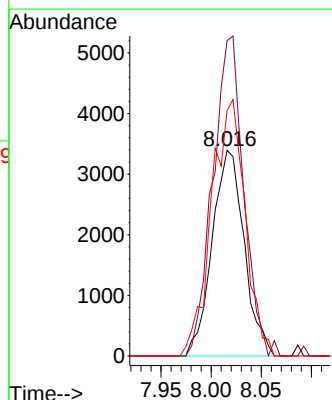
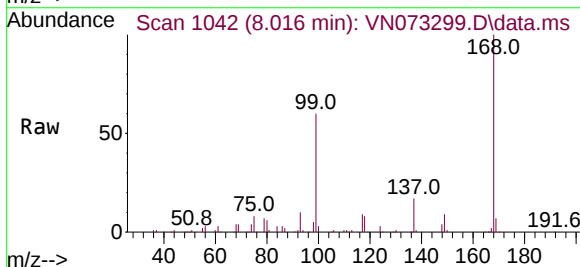
Tgt Ion: 56 Resp: 7524

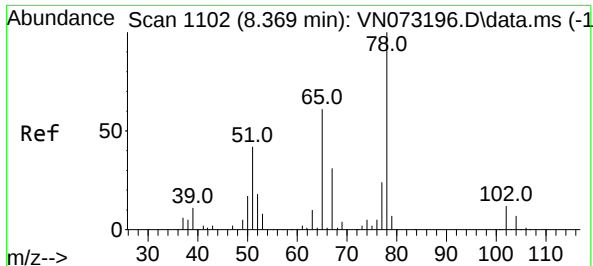
Ion Ratio Lower Upper

56 100

69 153.4 27.8 41.8#

84 119.4 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 42.920 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073299.D

Acq: 01 Jul 2022 16:01

Instrument :

MSVOA_N

ClientSampleId :

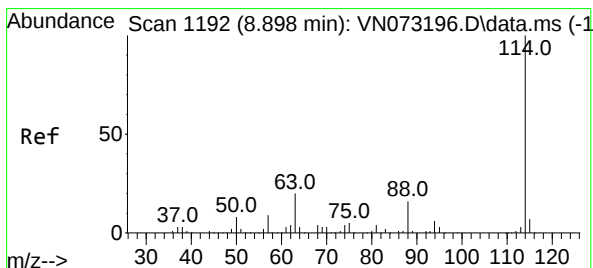
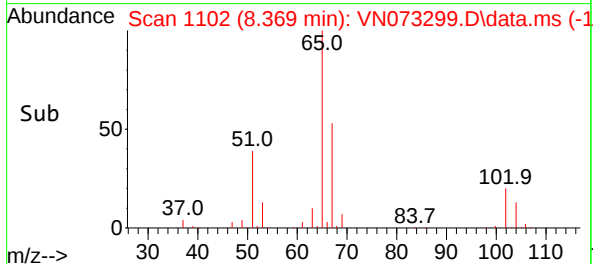
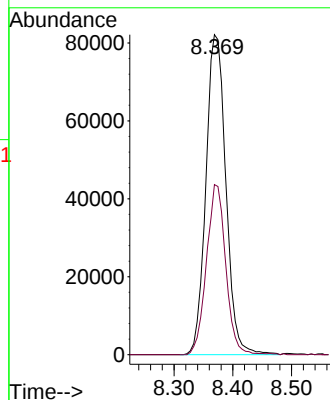
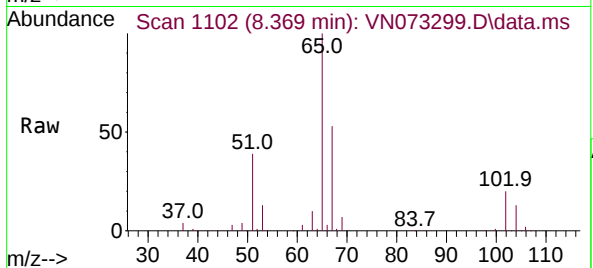
152140-SPC-05-40

Tgt Ion: 65 Resp: 194171

Ion Ratio Lower Upper

65 100

67 51.3 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: VN073299.D

Acq: 01 Jul 2022 16:01

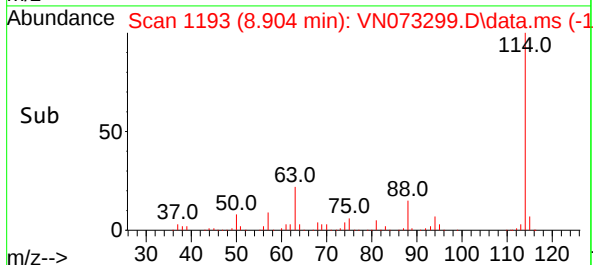
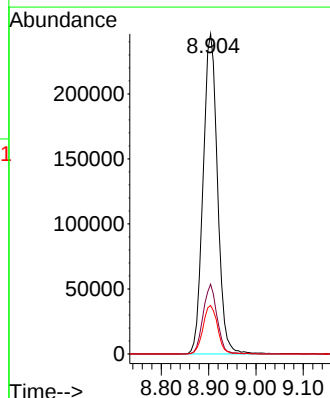
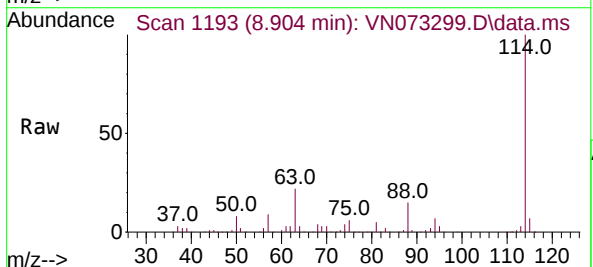
Tgt Ion: 114 Resp: 518045

Ion Ratio Lower Upper

114 100

63 21.8 0.0 40.0

88 15.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.371 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN073299.D

Acq: 01 Jul 2022 16:01

Instrument :

MSVOA_N

ClientSampleId :

152140-SPC-05-40

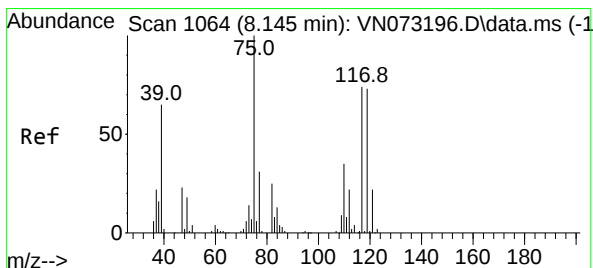
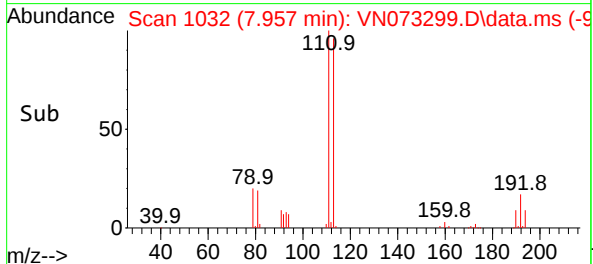
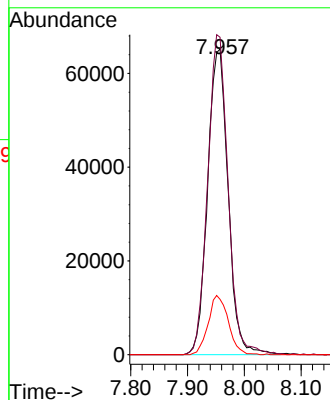
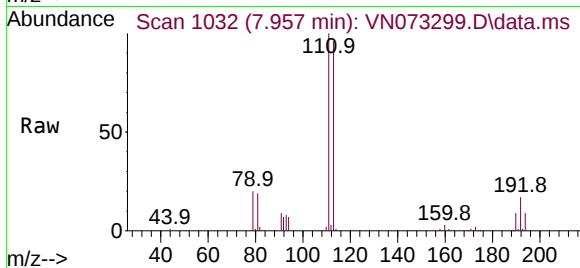
Tgt Ion:113 Resp: 163271

Ion Ratio Lower Upper

113 100

111 104.0 81.4 122.0

192 19.0 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.655 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073299.D

Acq: 01 Jul 2022 16:01

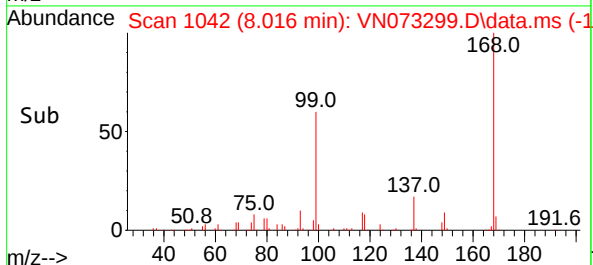
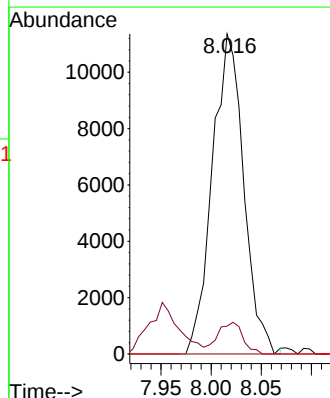
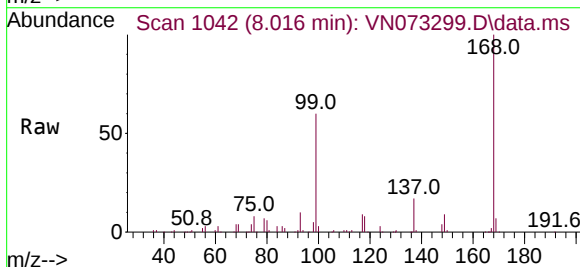
Tgt Ion: 75 Resp: 24689

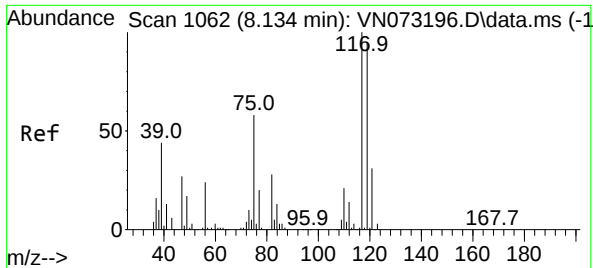
Ion Ratio Lower Upper

75 100

110 8.0 18.3 54.8#

77 0.0 25.1 37.7#

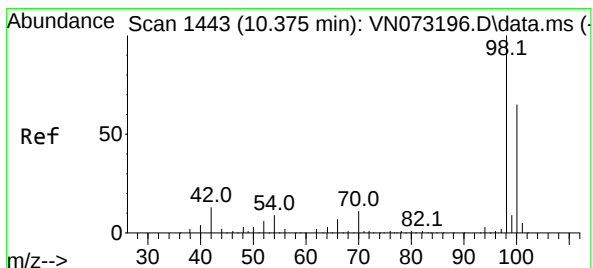
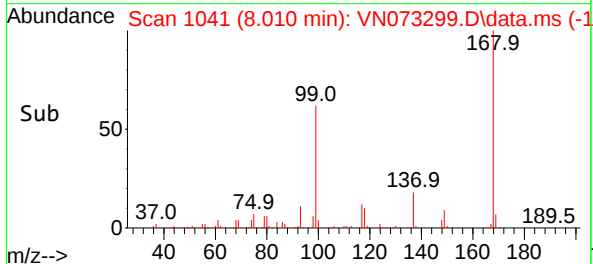
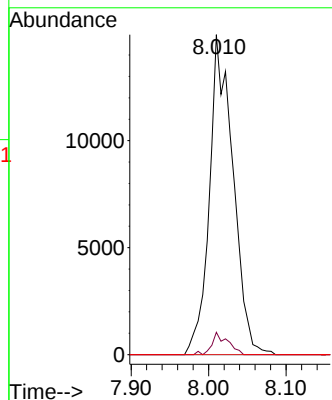
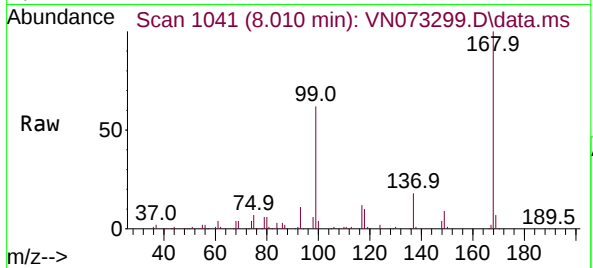




#38
Carbon Tetrachloride
Concen: 5.779 ug/l
RT: 8.010 min Scan# 1062
Delta R.T. -0.124 min
Lab File: VN073299.D
Acq: 01 Jul 2022 16:01

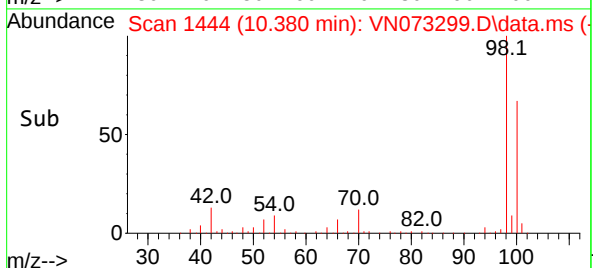
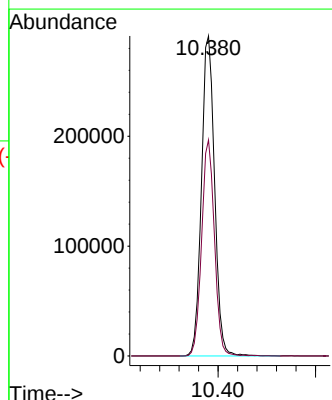
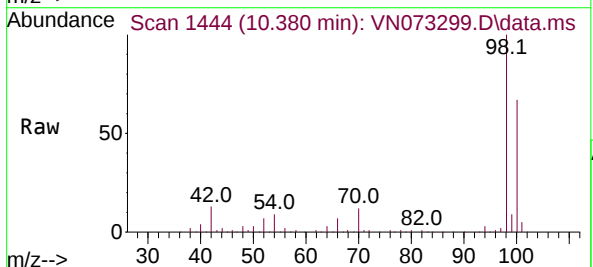
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MSVOA_N
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152140-SPC-05-40

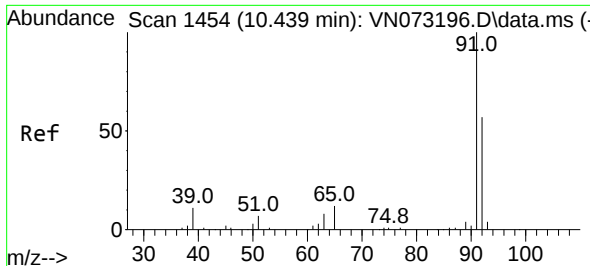
Tgt Ion:117 Resp: 31695
Ion Ratio Lower Upper
117 100
119 7.0 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 44.542 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073299.D
Acq: 01 Jul 2022 16:01

Tgt Ion: 98 Resp: 545253
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8

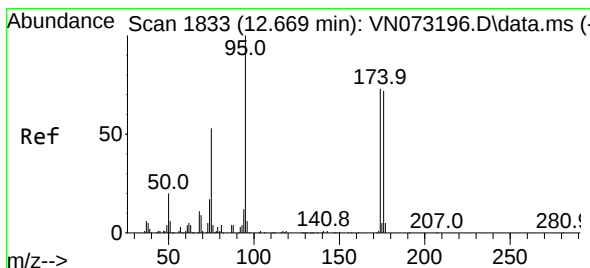
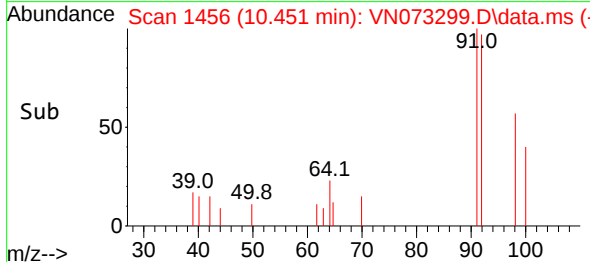
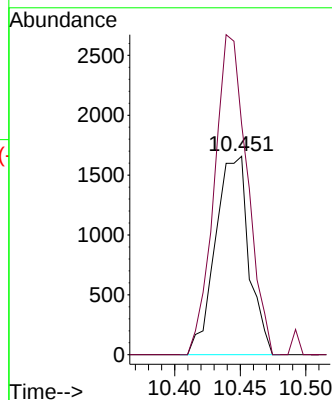
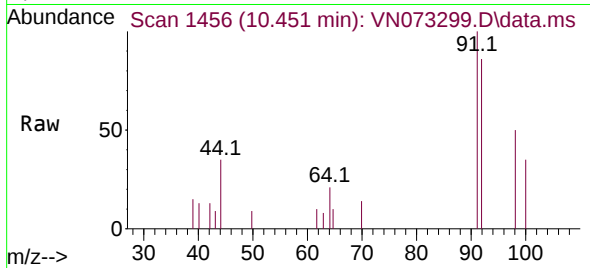




#52
Toluene
Concen: 0.292 ug/l
RT: 10.451 min Scan# 1456
Delta R.T. 0.012 min
Lab File: VN073299.D
Acq: 01 Jul 2022 16:01

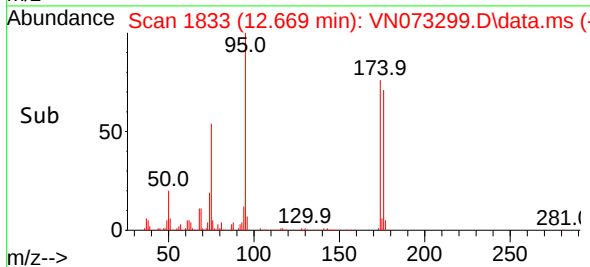
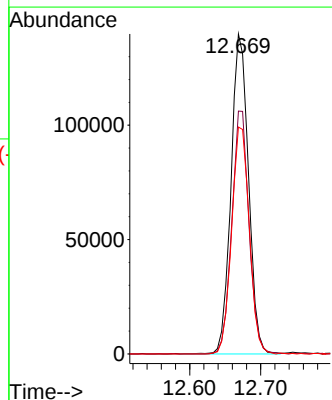
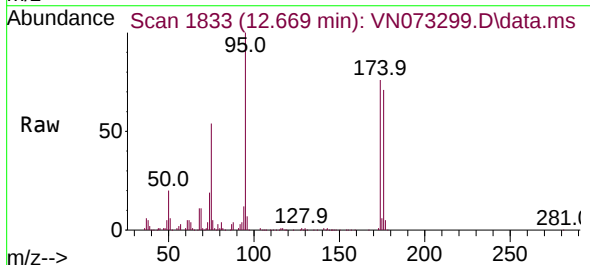
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152140-SPC-05-40

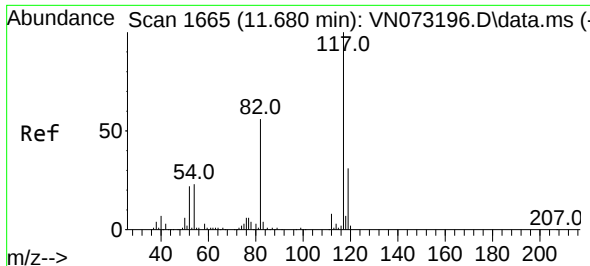
Tgt Ion: 92 Resp: 2951
Ion Ratio Lower Upper
92 100
91 158.2 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 50.803 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073299.D
Acq: 01 Jul 2022 16:01

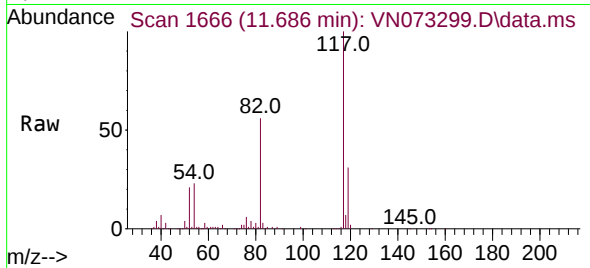
Tgt Ion: 95 Resp: 238993
Ion Ratio Lower Upper
95 100
174 74.9 0.0 167.6
176 71.9 0.0 163.4



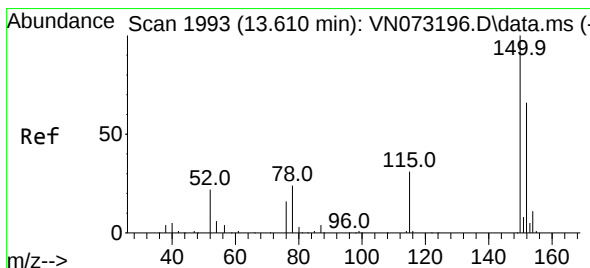
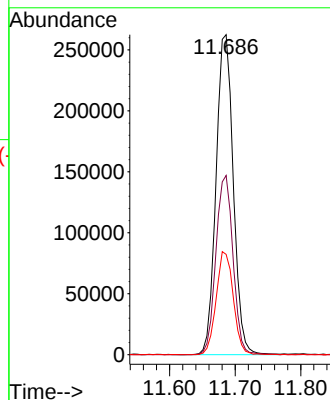
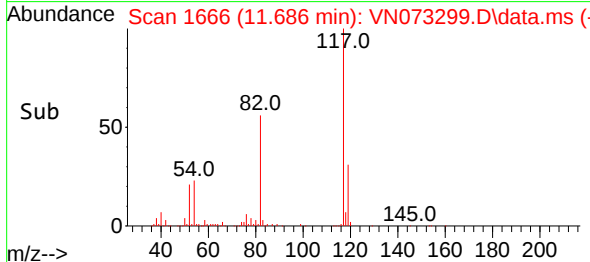


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073299.D
Acq: 01 Jul 2022 16:01

Instrument :
MSVOA_N
ClientSampleId :
152140-SPC-05-40

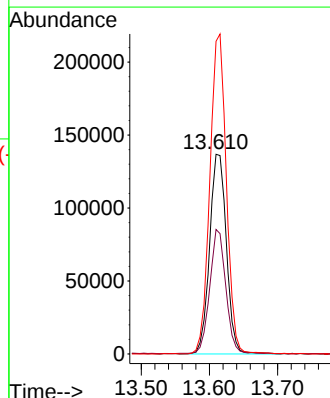
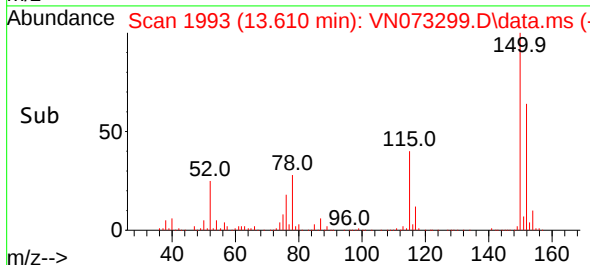
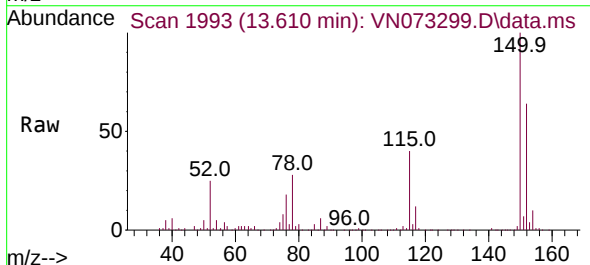


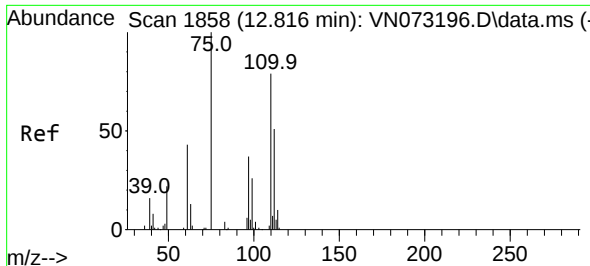
Tgt Ion:117 Resp: 478734
Ion Ratio Lower Upper
117 100
82 56.0 44.2 66.2
119 31.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073299.D
Acq: 01 Jul 2022 16:01

Tgt Ion:152 Resp: 234868
Ion Ratio Lower Upper
152 100
115 59.5 28.9 86.7
150 157.3 0.0 356.2

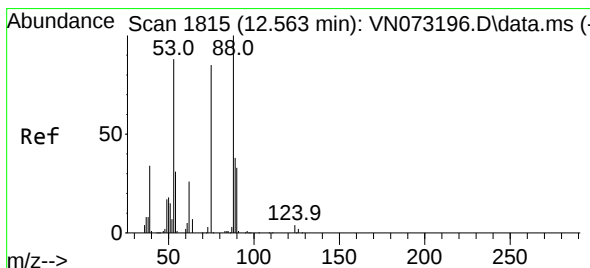
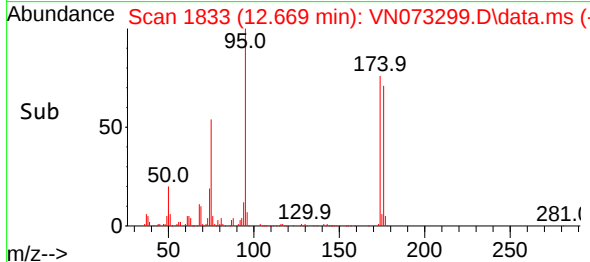
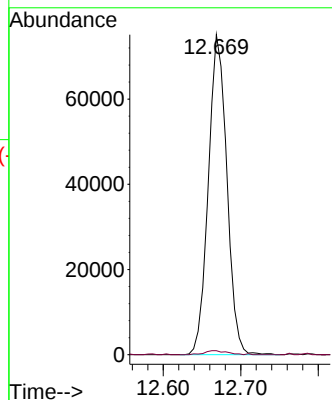
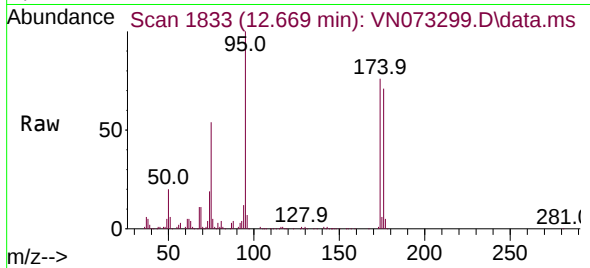




#76
1,2,3-Trichloropropane
Concen: 20.292 ug/l
RT: 12.669 min Scan# 1858
Delta R.T. -0.147 min
Lab File: VN073299.D
Acq: 01 Jul 2022 16:01

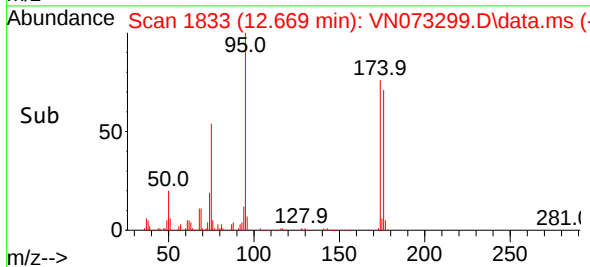
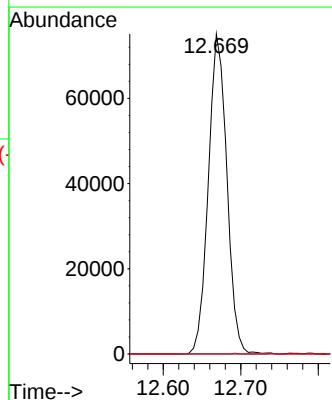
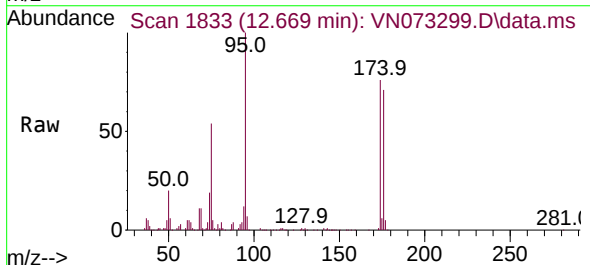
Instrument :
MSVOA_N
ClientSampleId :
152140-SPC-05-40

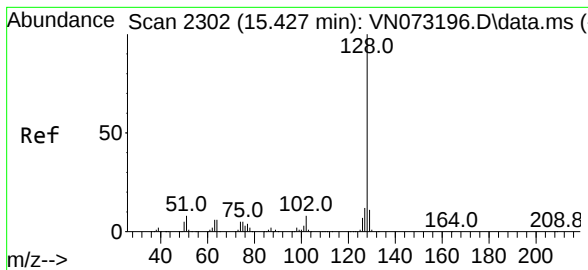
Tgt Ion: 75 Resp: 124622
Ion Ratio Lower Upper
75 100
77 1.5 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.651 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN073299.D
Acq: 01 Jul 2022 16:01

Tgt Ion: 75 Resp: 124622
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#





#95
 Naphthalene
 Concen: 0.525 ug/l
 RT: 15.439 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VN073299.D
 Acq: 01 Jul 2022 16:01

Instrument :
 MSVOA_N
 ClientSampleId :
 152140-SPC-05-40

Tgt Ion:128	Resp:	9496
Ion Ratio	Lower	Upper
128	100	
127	13.7	10.3 15.5
129	14.6	8.6 13.0#

