

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN063022\
 Data File : VN073267.D
 Acq On : 30 Jun 2022 15:48
 Operator : JC\MD
 Sample : N3554-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 01 08:08:02 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)

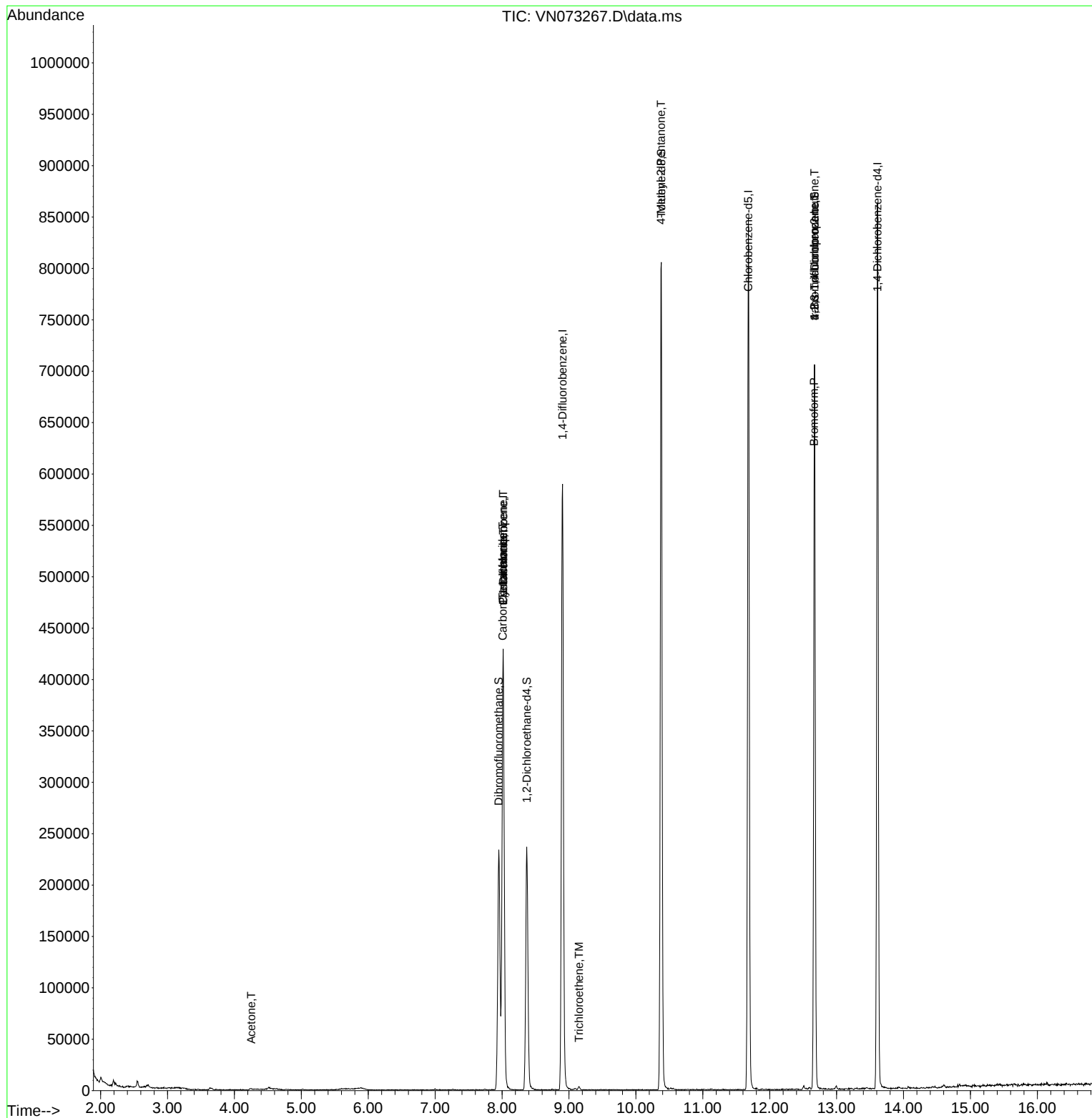
Internal Standards						
1) Pentafluorobenzene	8.016	168	320362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	533561	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	484409	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	226050	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	198631	42.949	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.900%
35) Dibromofluoromethane	7.951	113	169526	47.756	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.520%
50) Toluene-d8	10.380	98	552674	43.836	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	87.680%
62) 4-Bromofluorobenzene	12.669	95	239480	49.427	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.860%
Target Compounds						
					Qvalue	
16) Acetone	4.251	43	2642	1.018	ug/l #	80
31) Cyclohexane	8.016	56	7664	1.012	ug/l #	39
36) 1,1-Dichloropropene	8.016	75	26820	4.910	ug/l #	49
38) Carbon Tetrachloride	8.010	117	33295	5.894	ug/l #	17
44) Trichloroethene	9.151	130	1380	0.322	ug/l	86
51) 4-Methyl-2-Pentanone	10.375	43	2950	0.392	ug/l #	1
71) Bromoform	12.663	173	2170	0.736	ug/l #	1
76) 1,2,3-Trichloropropane	12.669	75	125706	21.267	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	125706	58.325	ug/l #	10

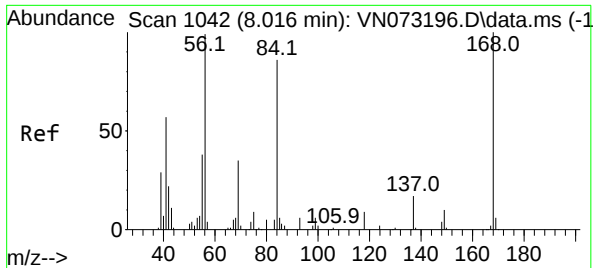
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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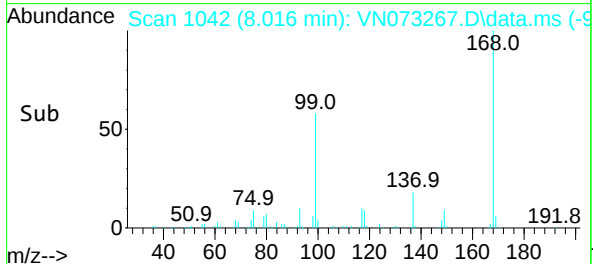
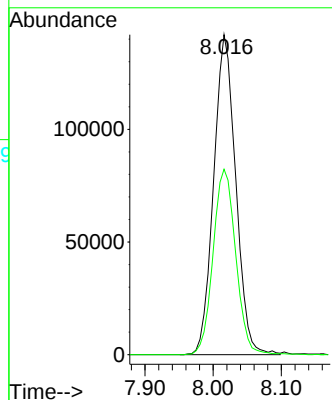
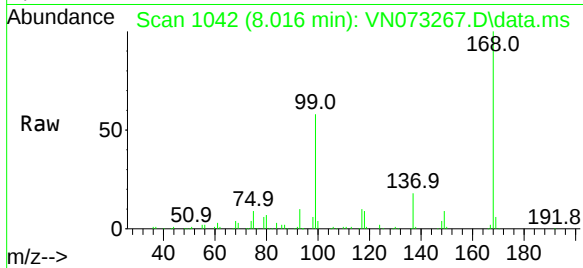




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073267.D
Acq: 30 Jun 2022 15:48

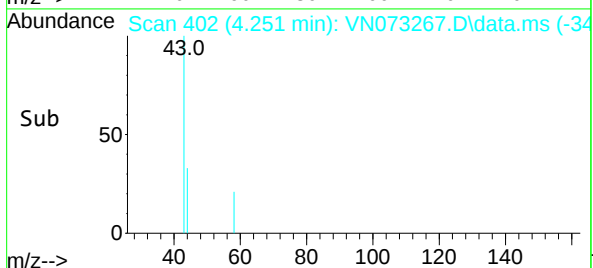
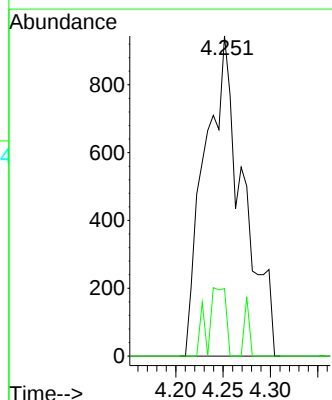
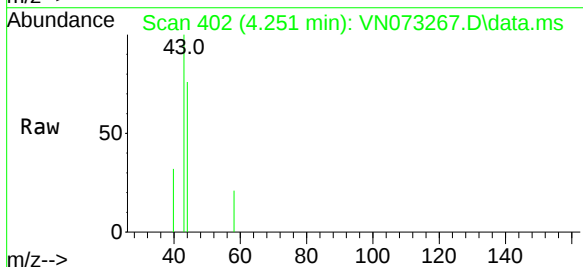
Instrument :
MSVOA_N
ClientSampleId :

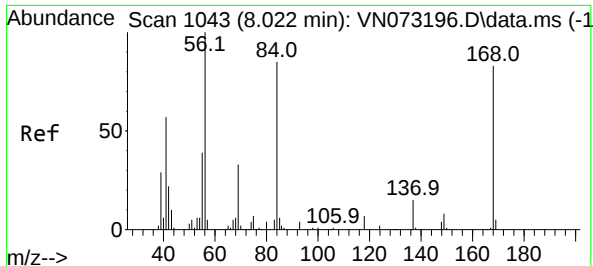
Tgt Ion:168 Resp: 320362
Ion Ratio Lower Upper
168 100
99 57.9 42.3 63.5



#16
Acetone
Concen: 1.018 ug/l
RT: 4.251 min Scan# 402
Delta R.T. 0.029 min
Lab File: VN073267.D
Acq: 30 Jun 2022 15:48

Tgt Ion: 43 Resp: 2642
Ion Ratio Lower Upper
43 100
58 21.1 26.0 39.0#





#31

Cyclohexane

Concen: 1.012 ug/l

RT: 8.016 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN073267.D

Acq: 30 Jun 2022 15:48

Instrument :

MSVOA_N

ClientSampleId :

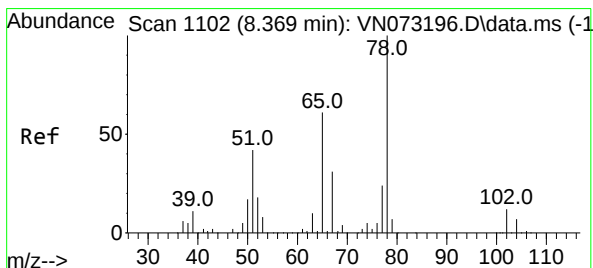
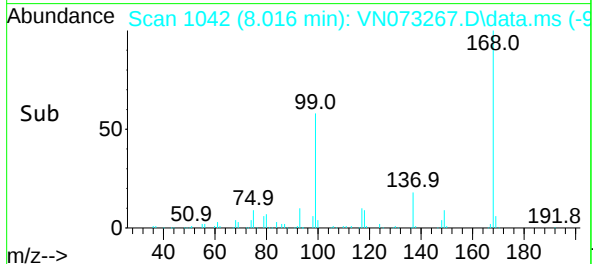
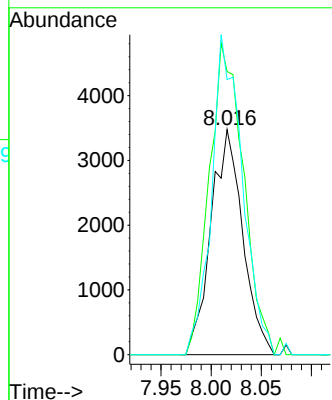
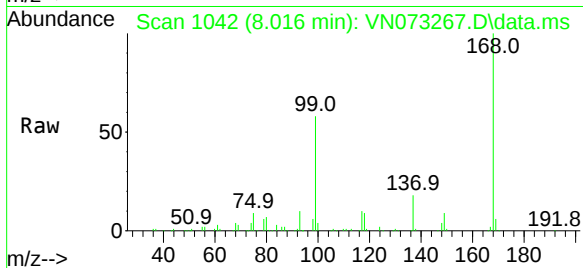
Tgt Ion: 56 Resp: 7664

Ion Ratio Lower Upper

56 100

69 125.8 27.8 41.8#

84 122.2 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 42.949 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073267.D

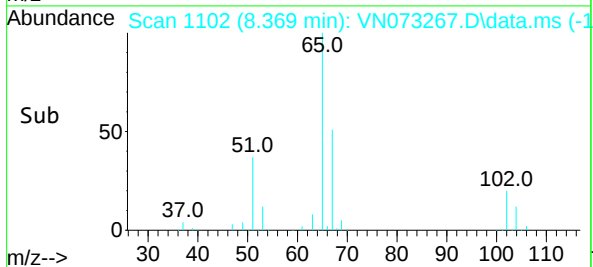
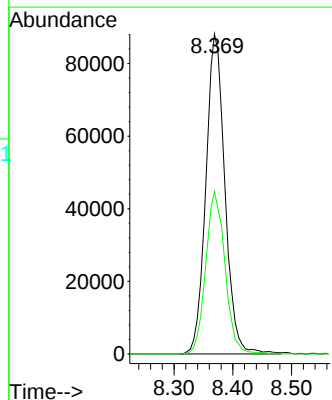
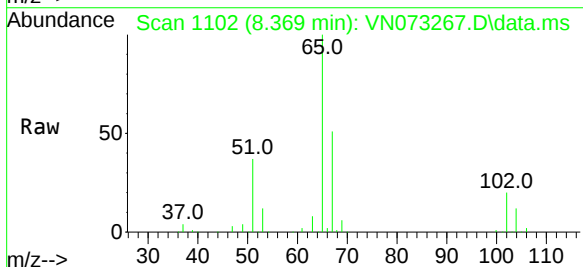
Acq: 30 Jun 2022 15:48

Tgt Ion: 65 Resp: 198631

Ion Ratio Lower Upper

65 100

67 51.4 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: VN073267.D

Acq: 30 Jun 2022 15:48

Instrument :

MSVOA_N

ClientSampleId :

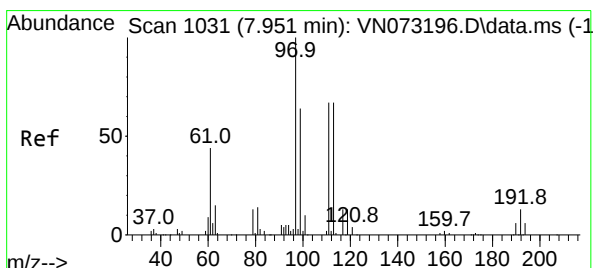
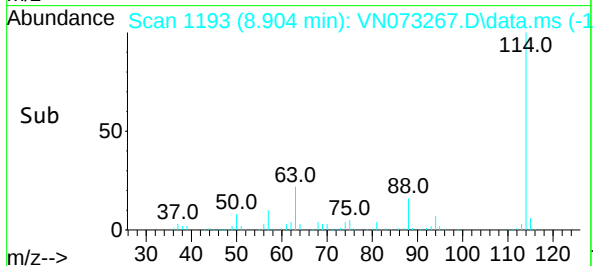
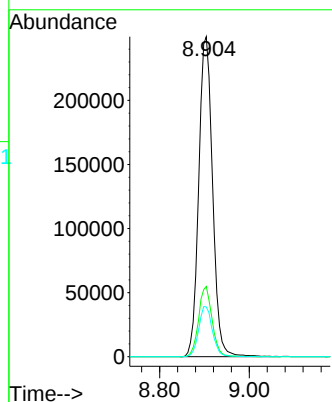
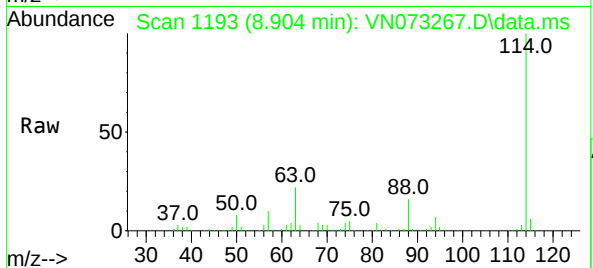
Tgt Ion:114 Resp: 533561

Ion Ratio Lower Upper

114 100

63 22.0 0.0 40.0

88 15.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.756 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073267.D

Acq: 30 Jun 2022 15:48

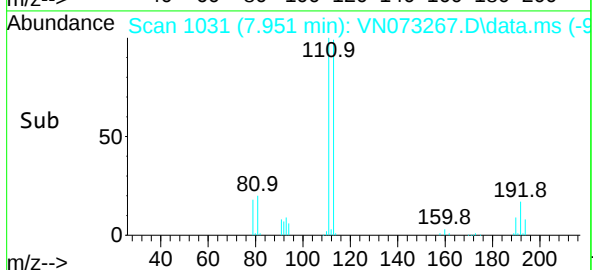
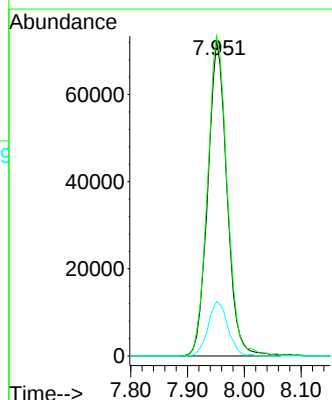
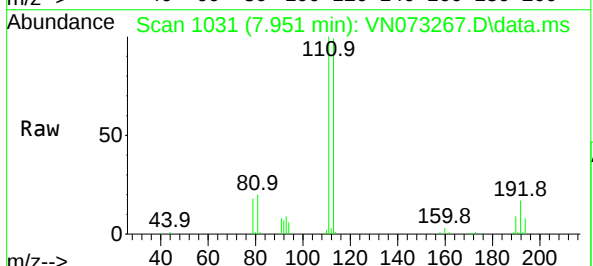
Tgt Ion:113 Resp: 169526

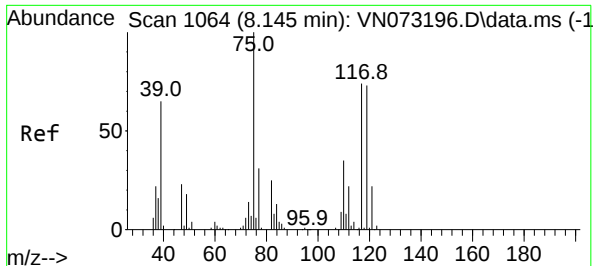
Ion Ratio Lower Upper

113 100

111 104.8 81.4 122.0

192 17.8 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.910 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073267.D

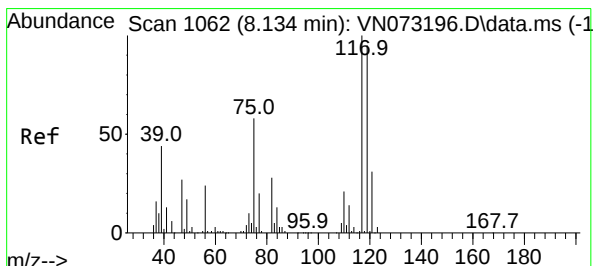
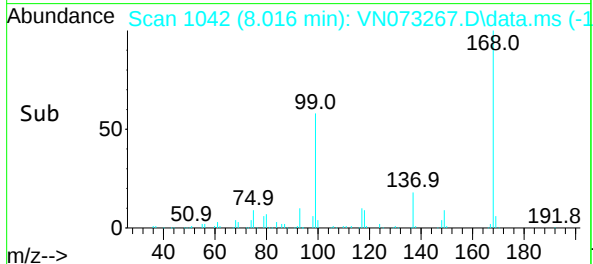
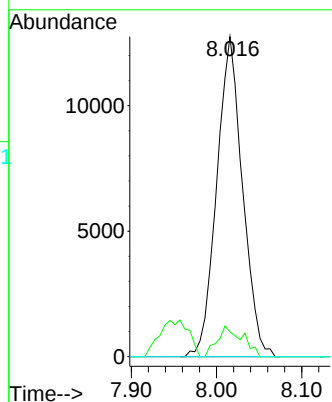
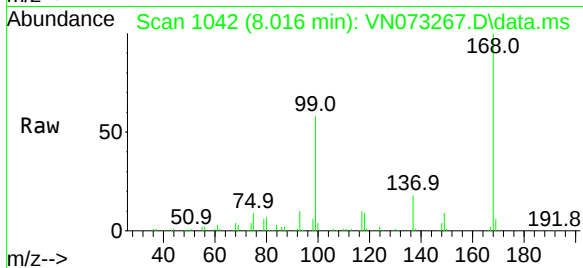
Acq: 30 Jun 2022 15:48

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 75	Resp: 26820
Ion Ratio	Lower Upper
75	100
110	9.3 18.3 54.8#
77	0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.894 ug/l

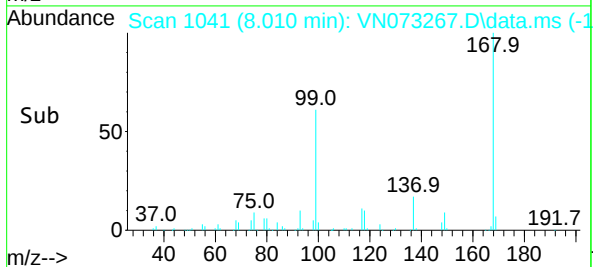
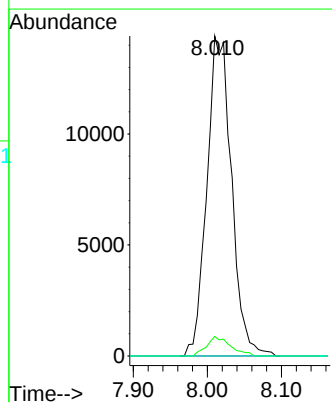
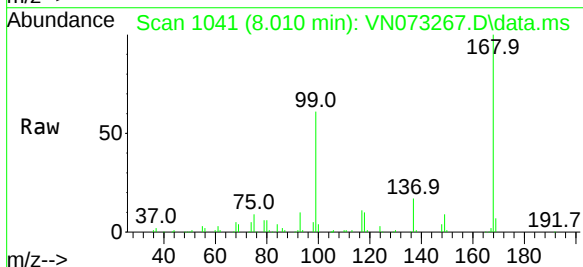
RT: 8.010 min Scan# 1041

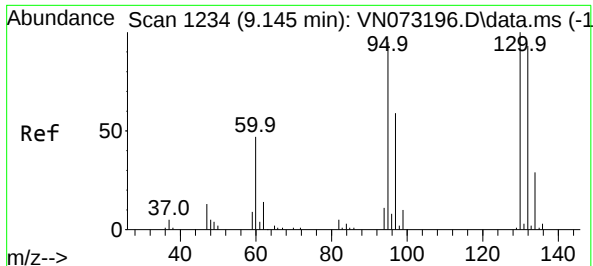
Delta R.T. -0.124 min

Lab File: VN073267.D

Acq: 30 Jun 2022 15:48

Tgt Ion: 117	Resp: 33295
Ion Ratio	Lower Upper
117	100
119	6.1 75.8 113.8#
121	0.0 24.6 37.0#

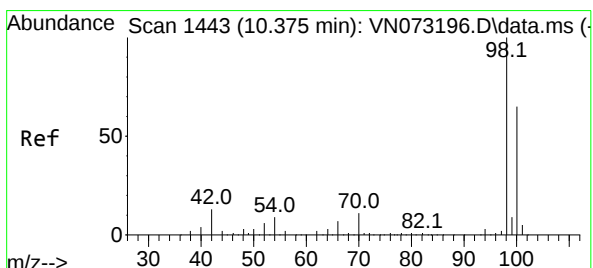
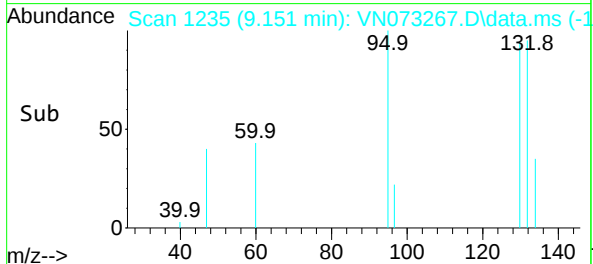
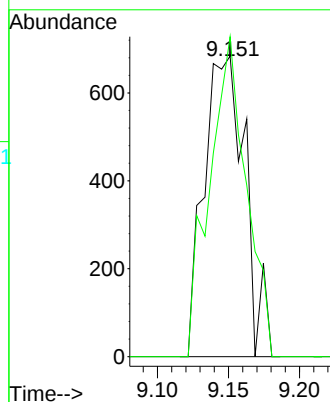
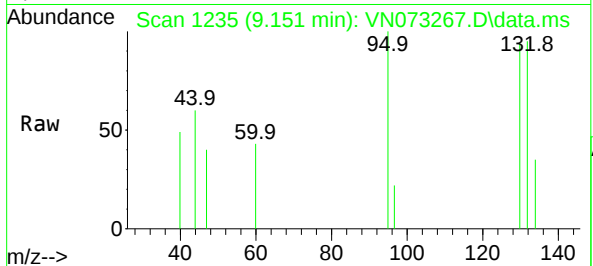




#44
Trichloroethene
Concen: 0.322 ug/l
RT: 9.151 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073267.D
Acq: 30 Jun 2022 15:48

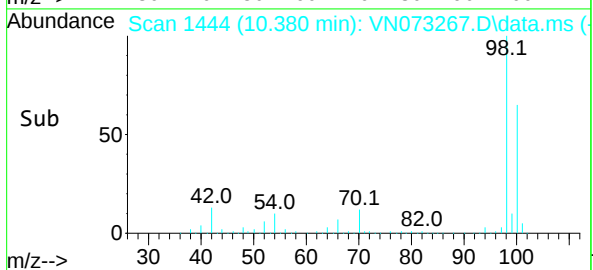
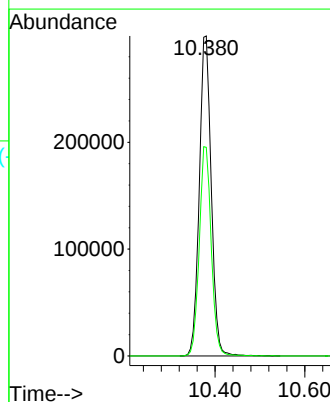
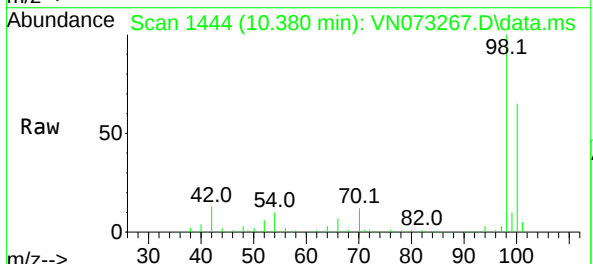
Instrument :
MSVOA_N
ClientSampleId :

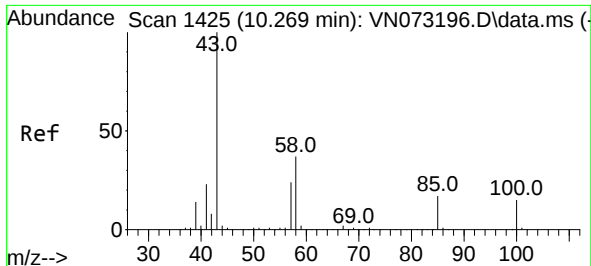
Tgt Ion:130 Resp: 1380
Ion Ratio Lower Upper
130 100
95 106.4 0.0 186.8



#50
Toluene-d8
Concen: 43.836 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073267.D
Acq: 30 Jun 2022 15:48

Tgt Ion: 98 Resp: 552674
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8

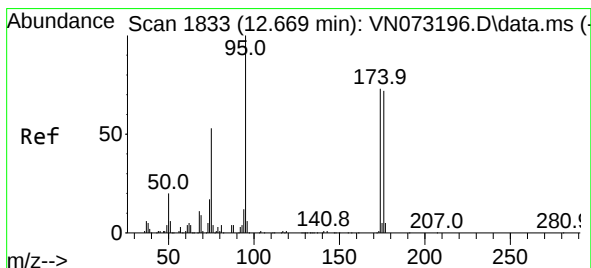
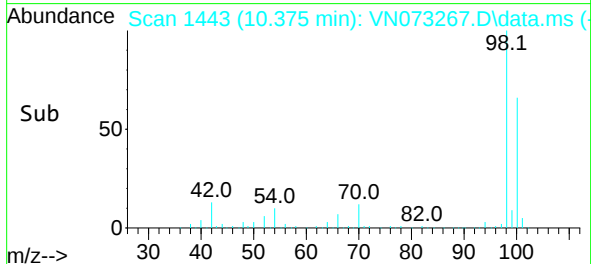
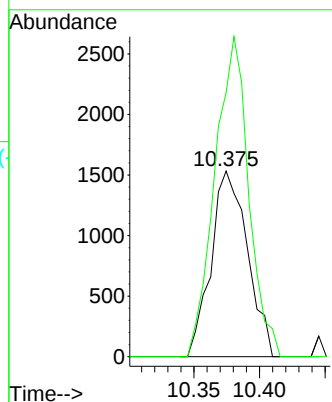
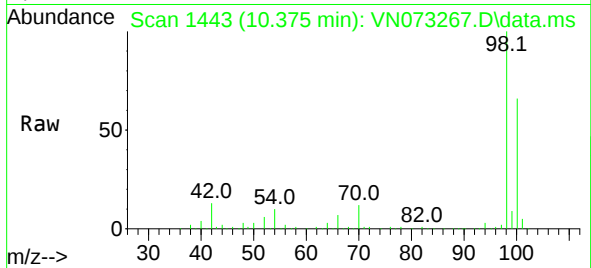




#51
4-Methyl-2-Pentanone
Concen: 0.392 ug/l
RT: 10.375 min Scan# 1425
Delta R.T. 0.106 min
Lab File: VN073267.D
Acq: 30 Jun 2022 15:48

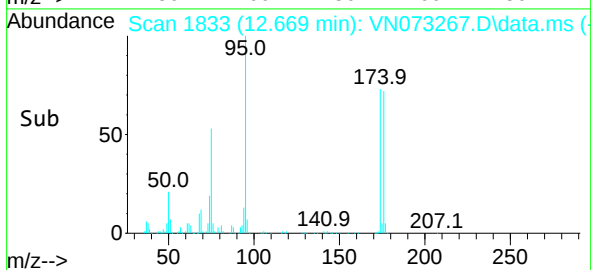
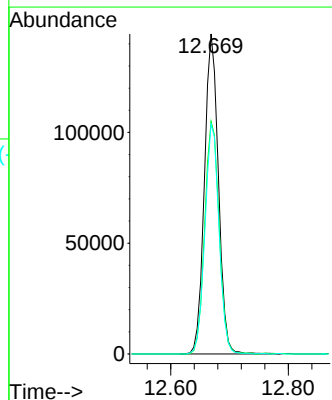
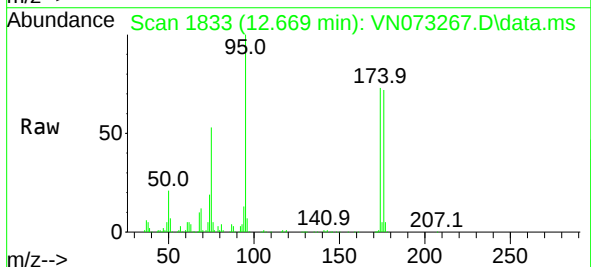
Instrument :
MSVOA_N
ClientSampleId :

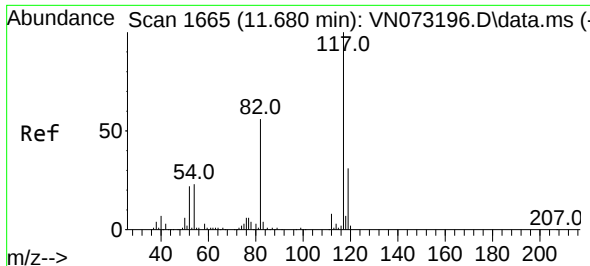
Tgt Ion: 43 Resp: 2950
Ion Ratio Lower Upper
43 100
58 160.9 34.1 51.1#



#62
4-Bromofluorobenzene
Concen: 49.427 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073267.D
Acq: 30 Jun 2022 15:48

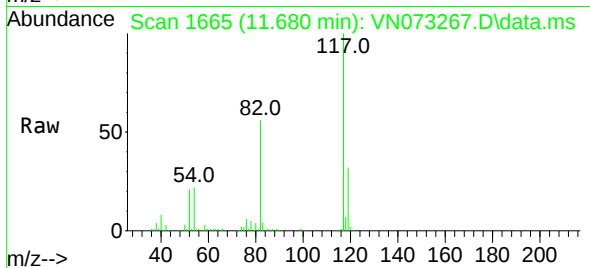
Tgt Ion: 95 Resp: 239480
Ion Ratio Lower Upper
95 100
174 74.7 0.0 167.6
176 72.1 0.0 163.4



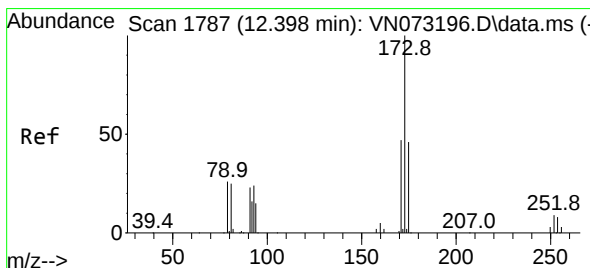
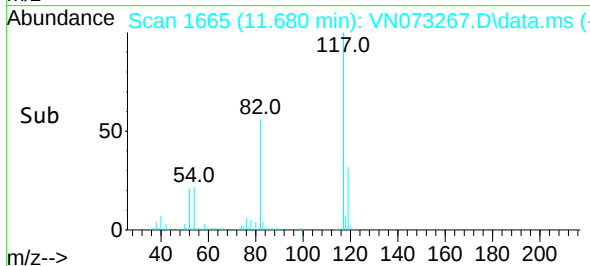
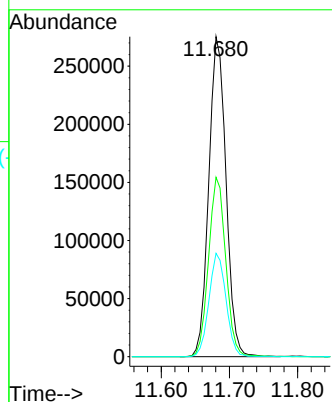


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073267.D
Acq: 30 Jun 2022 15:48

Instrument :
MSVOA_N
ClientSampleId :

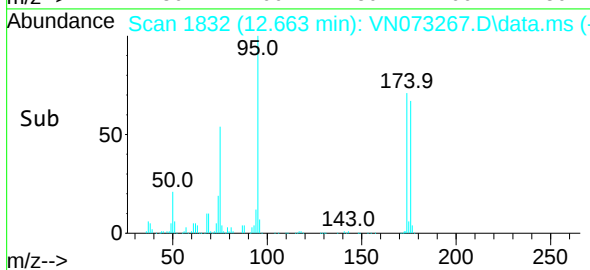
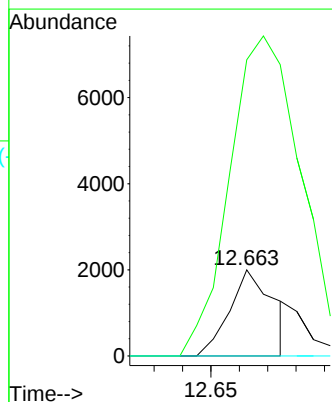
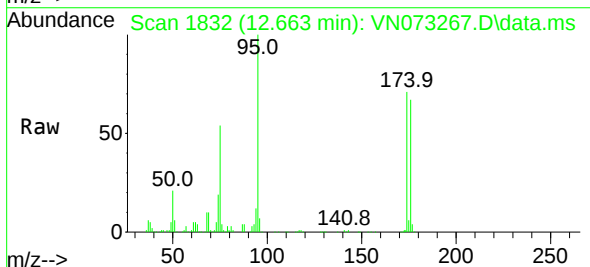


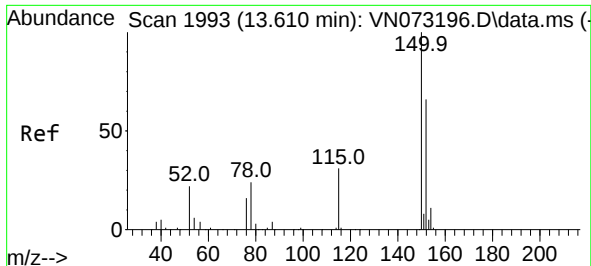
Tgt Ion:117 Resp: 484409
Ion Ratio Lower Upper
117 100
82 56.1 44.2 66.2
119 32.3 25.4 38.0



#71
Bromoform
Concen: 0.736 ug/l
RT: 12.663 min Scan# 1832
Delta R.T. 0.265 min
Lab File: VN073267.D
Acq: 30 Jun 2022 15:48

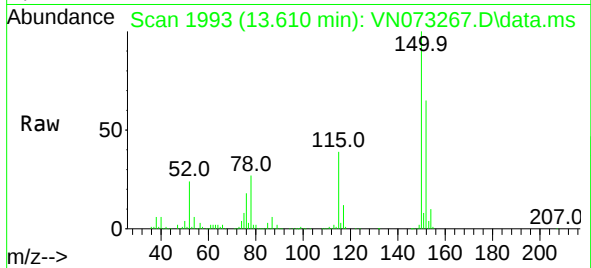
Tgt Ion:173 Resp: 2170
Ion Ratio Lower Upper
173 100
175 450.3 24.6 73.6#
254 0.0 0.1 0.1#



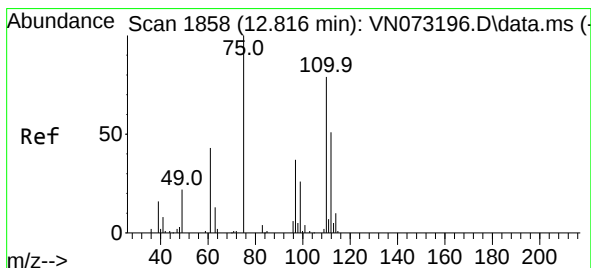
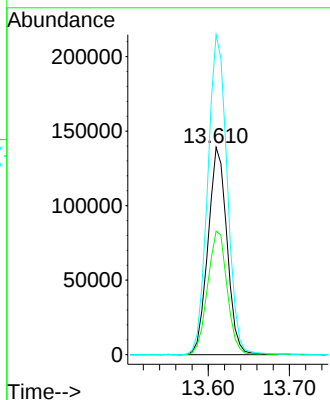
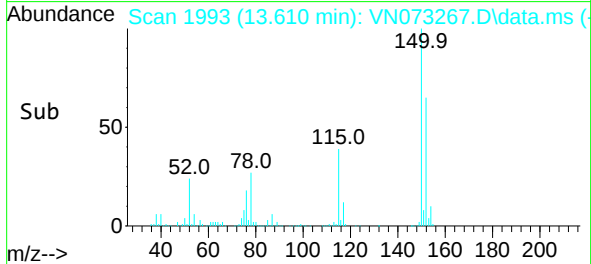


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. -0.000 min
 Lab File: VN073267.D
 Acq: 30 Jun 2022 15:48

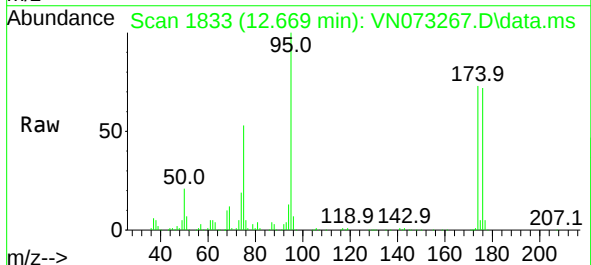
Instrument :
 MSVOA_N
 ClientSampleId :



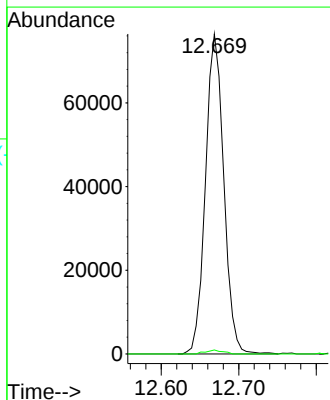
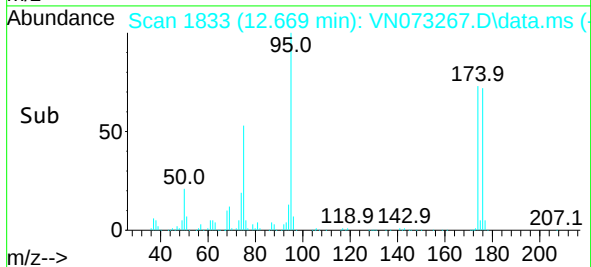
Tgt Ion:152 Resp: 226050
 Ion Ratio Lower Upper
 152 100
 115 61.4 28.9 86.7
 150 158.1 0.0 356.2

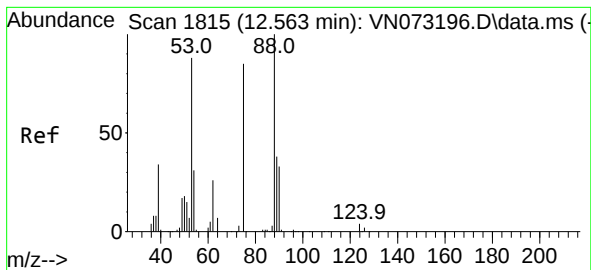


#76
 1,2,3-Trichloropropane
 Concen: 21.267 ug/l
 RT: 12.669 min Scan# 1833
 Delta R.T. -0.148 min
 Lab File: VN073267.D
 Acq: 30 Jun 2022 15:48



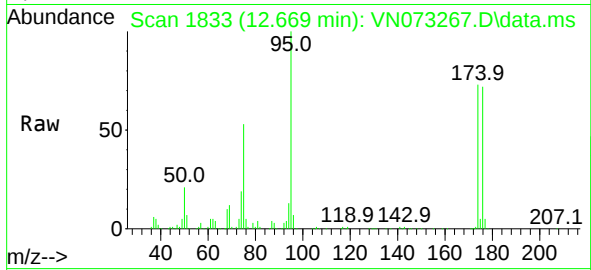
Tgt Ion: 75 Resp: 125706
 Ion Ratio Lower Upper
 75 100
 77 1.2 98.5 295.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.325 ug/l
 RT: 12.669 min Scan# 11
 Delta R.T. 0.105 min
 Lab File: VN073267.D
 Acq: 30 Jun 2022 15:48

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 125706
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.1 37.2 55.8#

