

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092419\
 Data File : VN058344.D
 Acq On : 24 Sep 2019 14:13
 Operator : JC/SP
 Sample : VN0924WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBL01

Quant Time: Sep 25 01:40:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N092419W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 25 01:36:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	79981	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.57	114	474657	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	396590	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.01	65	219485	31.04	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.47%
60) 4-Bromofluorobenzene	12.41	95	191383	27.89	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	92.97%
63) Toluene-d8	10.09	98	589815	31.16	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.87%

Target Compounds

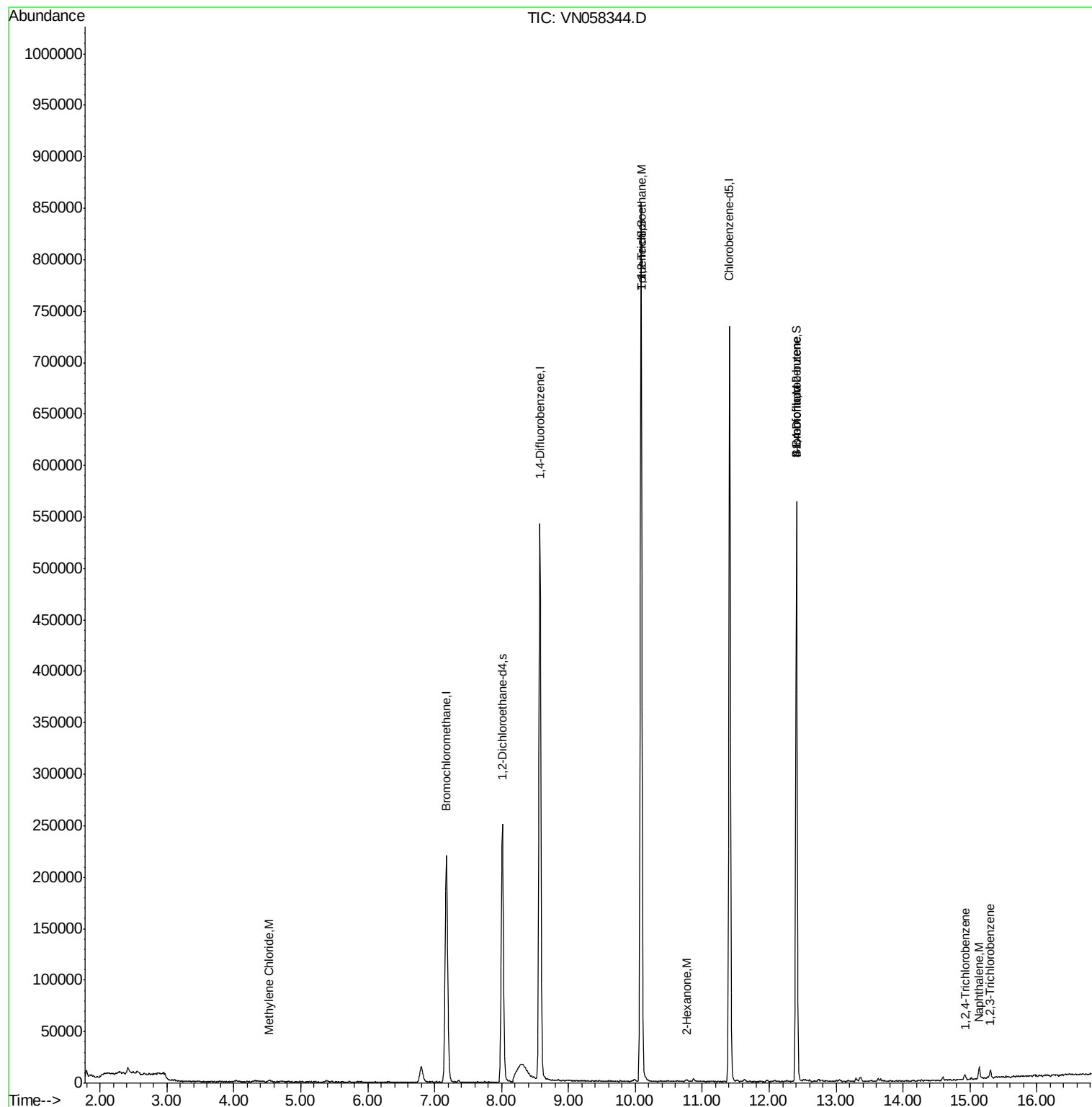
					Qvalue	
18) Methylene Chloride	4.53	84	1250	0.241	ug/l #	75
50) 1,1,2-Trichloroethane	10.09	97	17495	3.308	ug/l #	1
56) Bromoform	12.41	173	1351	0.403	ug/l #	1
59) 2-Hexanone	10.76	43	1312	0.279	ug/l #	73
77) t-1,4-Dichloro-2-butene	12.41	75	104067	50.941	ug/l #	3
89) 1,2,4-Trichlorobenzene	14.92	180	2090	0.320	ug/l	89
91) Naphthalene	15.14	128	9571	0.534	ug/l #	95
92) 1,2,3-Trichlorobenzene	15.30	180	2805	0.447	ug/l	95

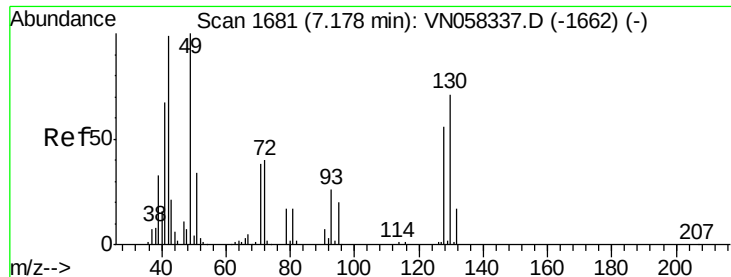
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN092419\
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ClientSampled :
VN0924WBL01

Quant Time: Sep 25 01:40:59 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\624N092419W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Sep 25 01:36:25 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VN058344.D

Acq: 24 Sep 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBL01

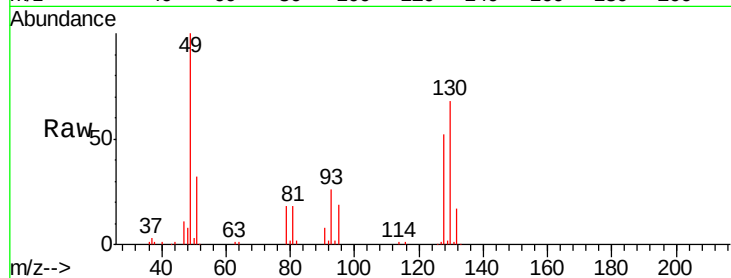
Tgt Ion:128 Resp: 79981

Ion Ratio Lower Upper

128 100

49 184.4 0.0 458.5

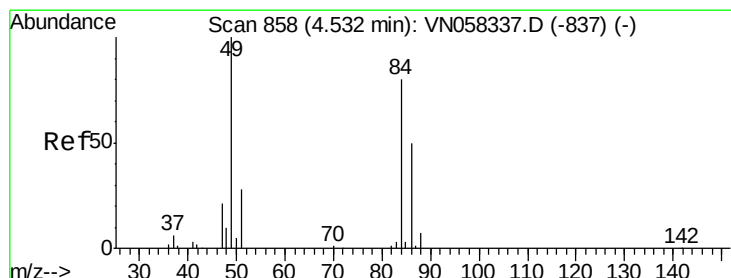
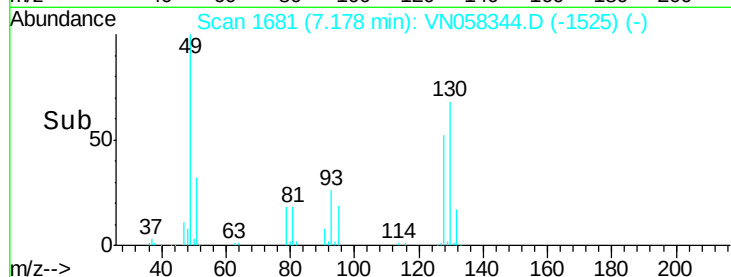
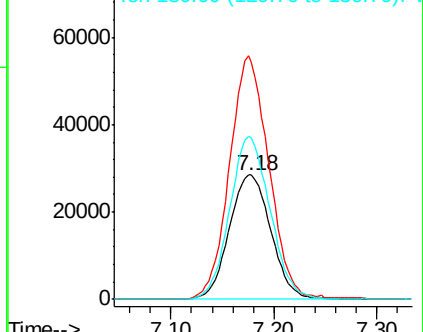
130 127.3 0.0 320.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#18

Methylene Chloride

Concen: 0.241 ug/l

RT: 4.53 min Scan# 857

Delta R.T. -0.00 min

Lab File: VN058344.D

Acq: 24 Sep 2019 14:13

Tgt Ion: 84 Resp: 1250

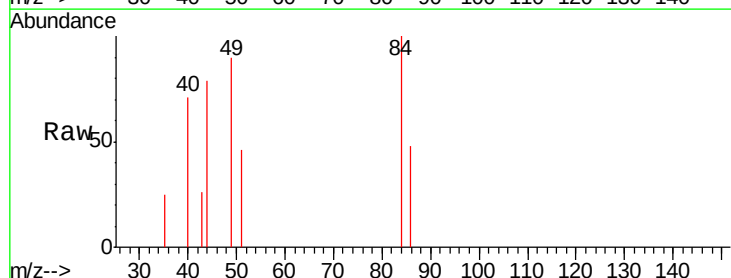
Ion Ratio Lower Upper

84 100

49 89.7 99.8 149.6#

51 46.1 28.3 42.5#

86 48.4 49.8 74.6#

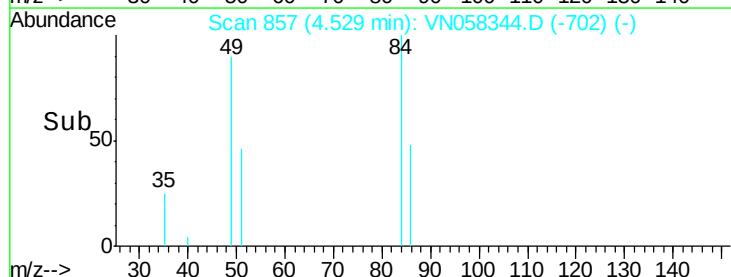
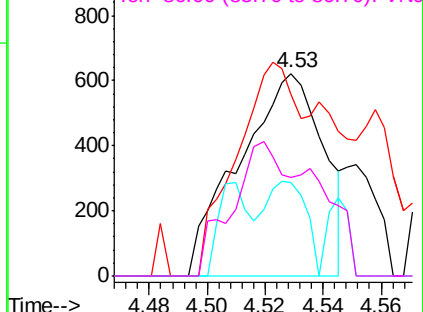


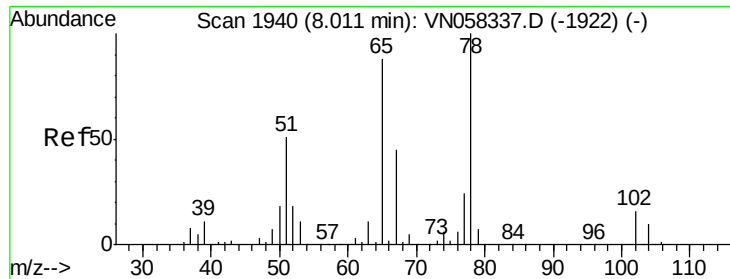
Abundance Ion 84.00 (83.70 to 84.70): VN0

Ion 49.00 (48.70 to 49.70): VN0

Ion 51.00 (50.70 to 51.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

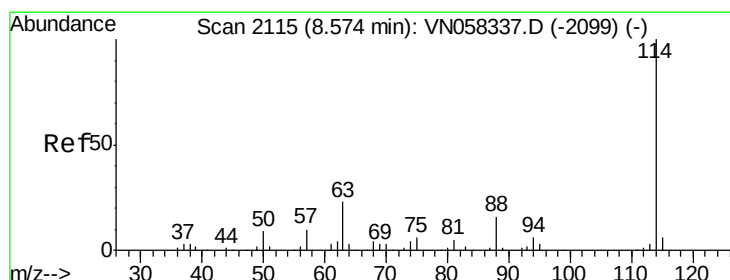
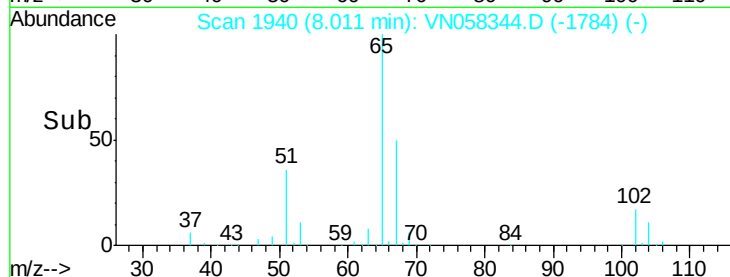
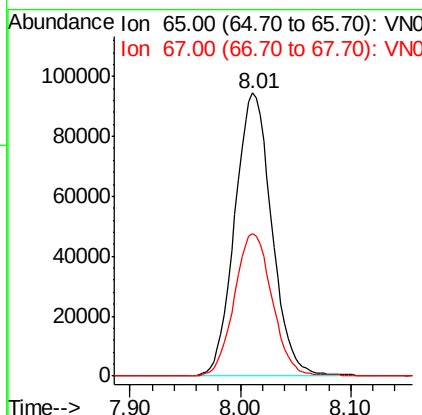
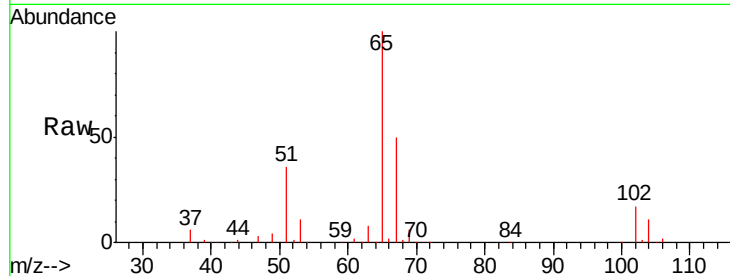




#27
 1,2-Dichloroethane-d4
 Concen: 31.044 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058344.D
 Acq: 24 Sep 2019 14:13

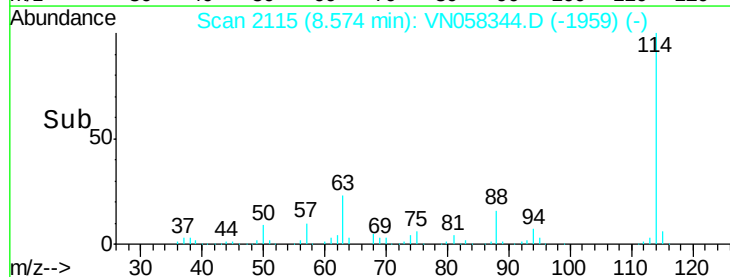
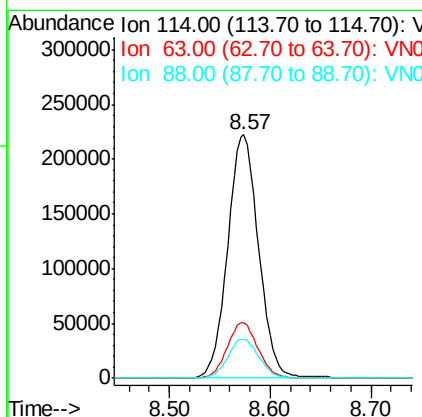
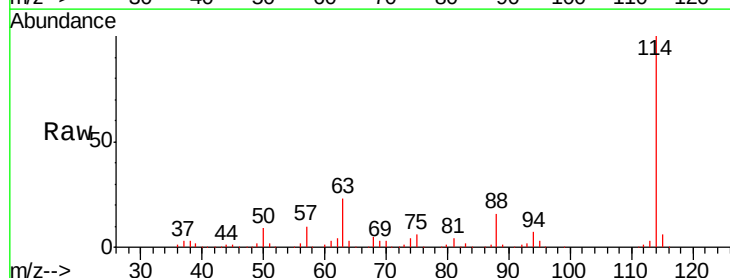
Instrument :
 MSVOA_N
 ClientSampled :
 VN0924WBL01

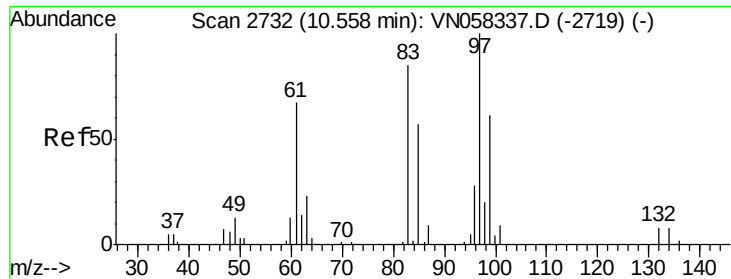
Tgt Ion: 65 Resp: 219485
 Ion Ratio Lower Upper
 65 100
 67 51.5 40.4 60.6



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058344.D
 Acq: 24 Sep 2019 14:13

Tgt Ion: 114 Resp: 474657
 Ion Ratio Lower Upper
 114 100
 63 22.5 17.8 26.8
 88 16.1 12.7 19.1

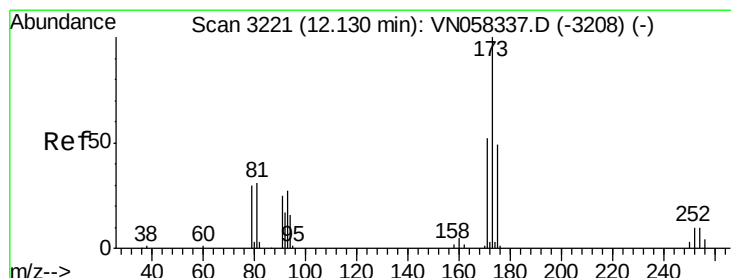
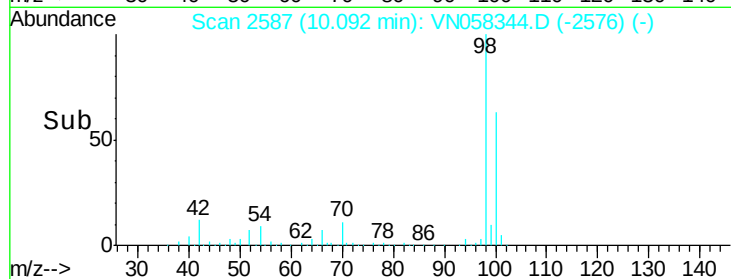
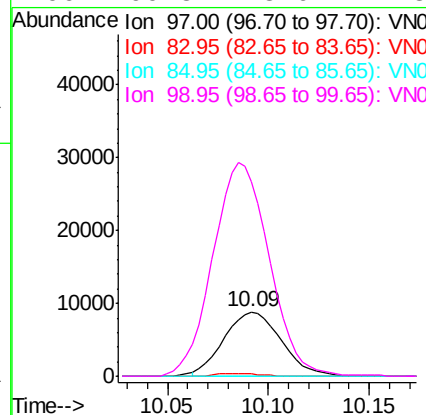
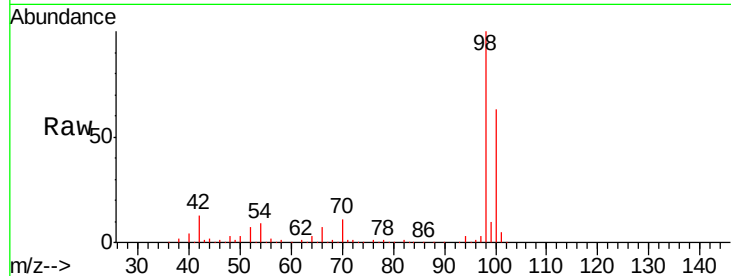




#50
 1,1,2-Trichloroethane
 Concen: 3.308 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.47 min
 Lab File: VN058344.D
 Acq: 24 Sep 2019 14:13

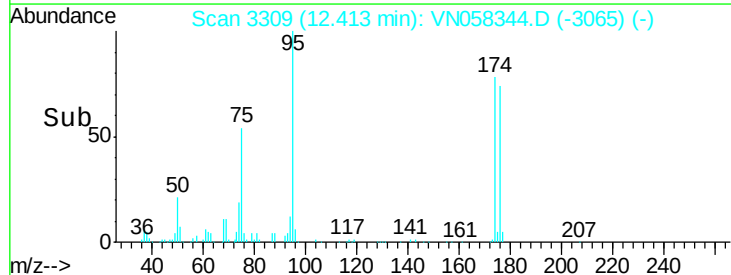
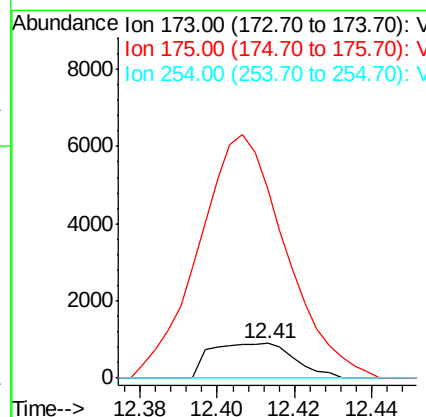
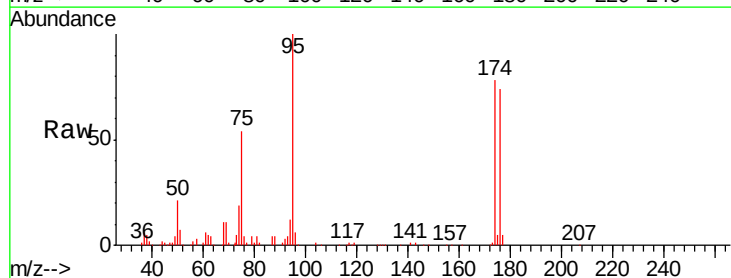
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBL01

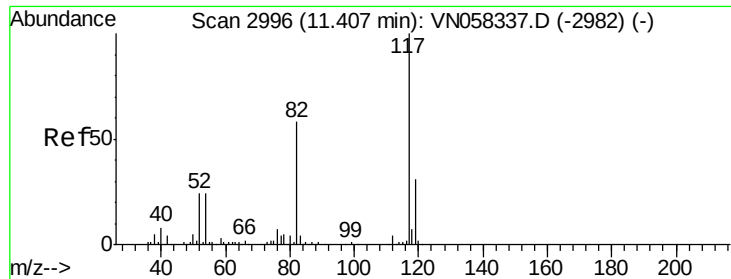
Tgt Ion: 97 Resp: 17495
 Ion Ratio Lower Upper
 97 100
 83 3.4 67.8 101.6#
 85 0.0 45.8 68.6#
 99 299.8 48.6 72.8#



#56
 Bromoform
 Concen: 0.403 ug/l
 RT: 12.41 min Scan# 3309
 Delta R.T. 0.28 min
 Lab File: VN058344.D
 Acq: 24 Sep 2019 14:13

Tgt Ion: 173 Resp: 1351
 Ion Ratio Lower Upper
 173 100
 175 729.3 38.8 58.2#
 254 0.0 7.8 11.8#

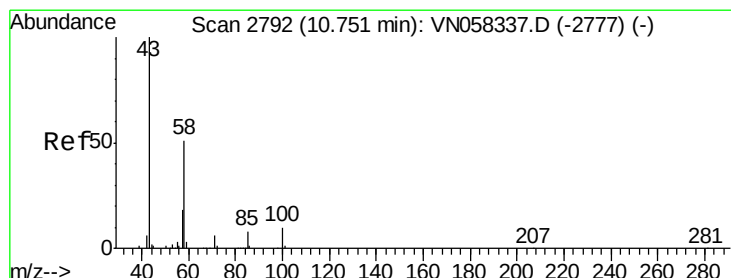
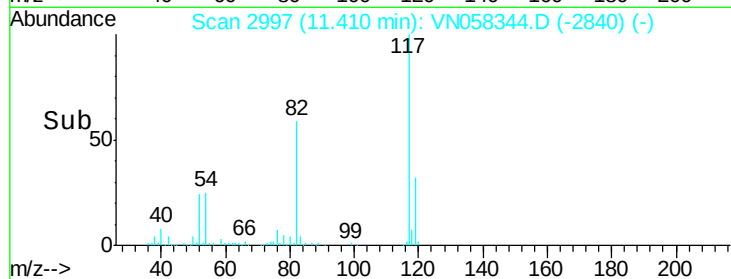
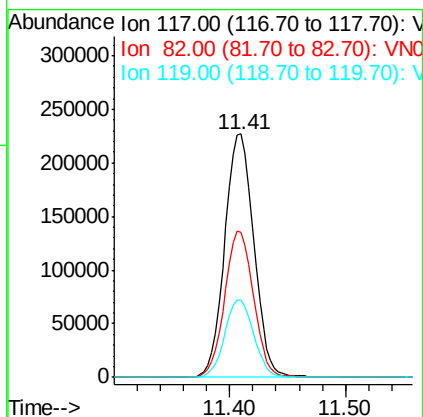
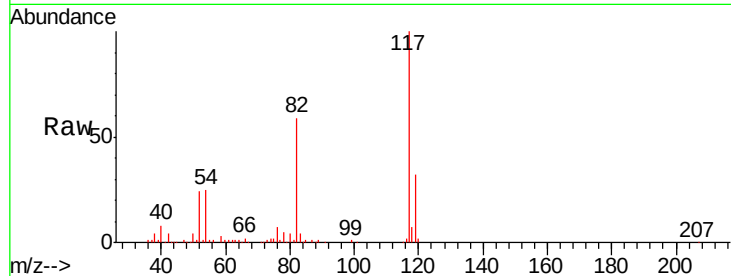




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058344.D
Acq: 24 Sep 2019 14:13

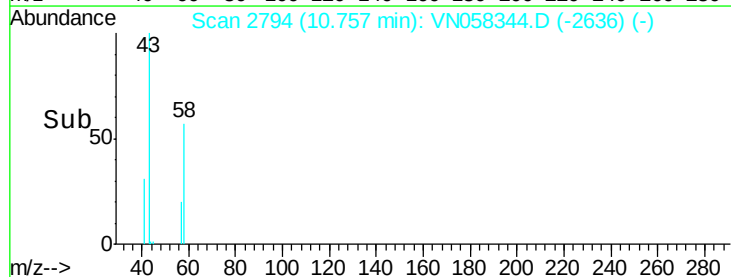
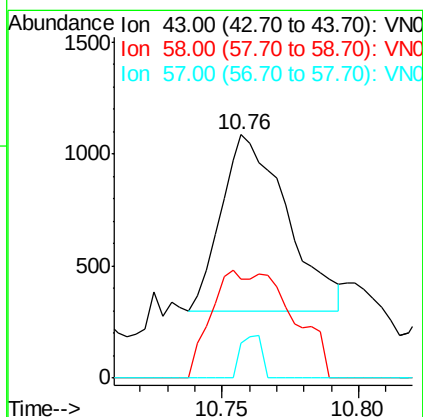
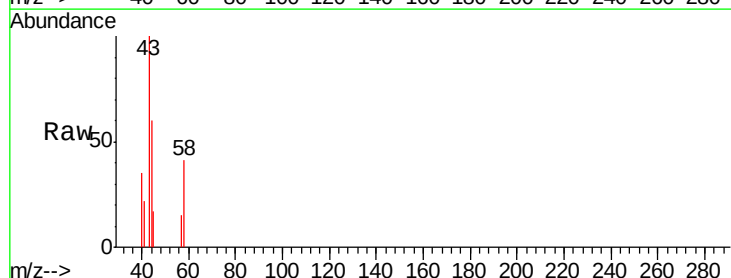
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBL01

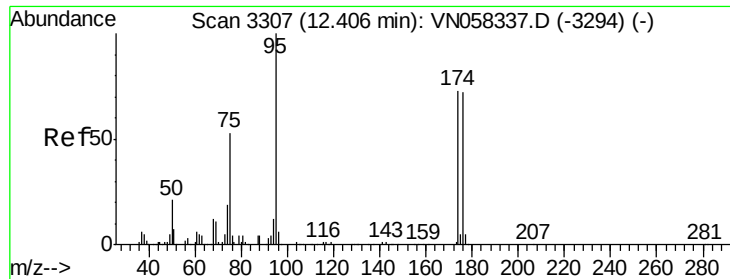
Tgt Ion: 117 Resp: 396590
Ion Ratio Lower Upper
117 100
82 59.5 46.4 69.6
119 31.8 25.1 37.7



#59
2-Hexanone
Concen: 0.279 ug/l
RT: 10.76 min Scan# 2794
Delta R.T. 0.01 min
Lab File: VN058344.D
Acq: 24 Sep 2019 14:13

Tgt Ion: 43 Resp: 1312
Ion Ratio Lower Upper
43 100
58 30.9 40.7 61.1#
57 7.8 14.7 22.1#

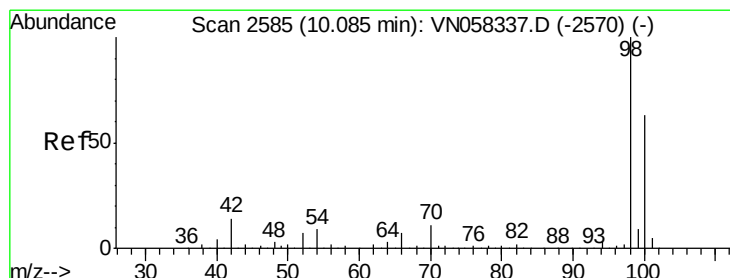
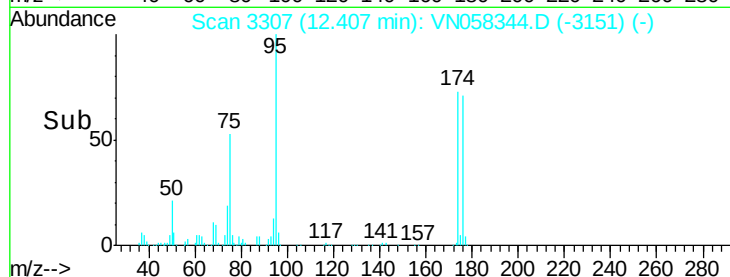
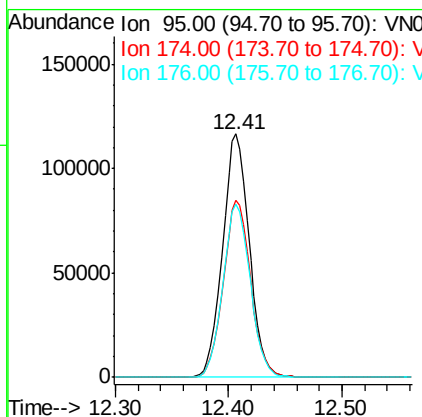
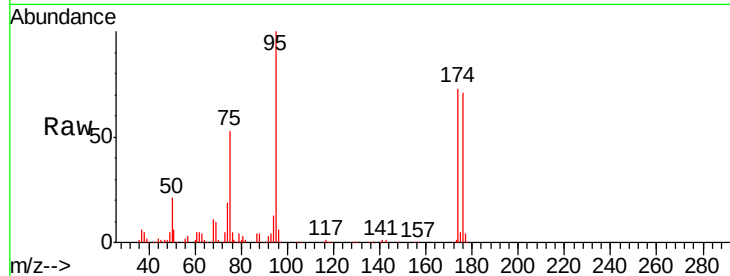




#60
 4-Bromofluorobenzene
 Concen: 27.889 ug/l
 RT: 12.41 min Scan# 3307
 Delta R.T. 0.00 min
 Lab File: VN058344.D
 Acq: 24 Sep 2019 14:13

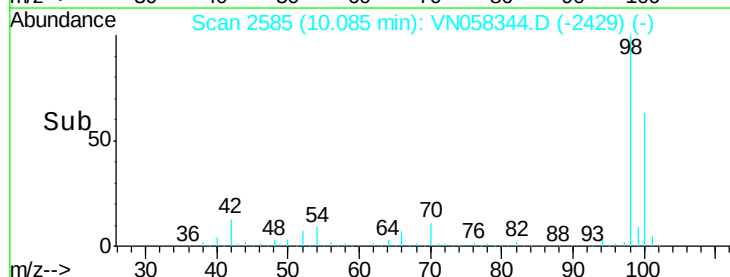
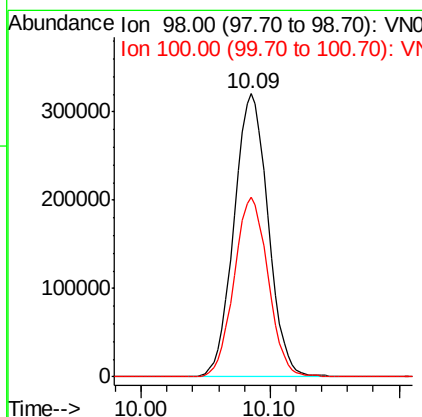
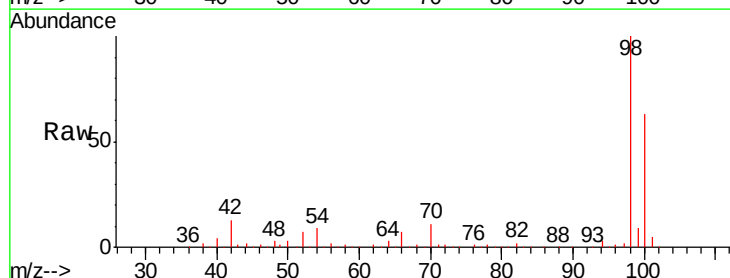
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBL01

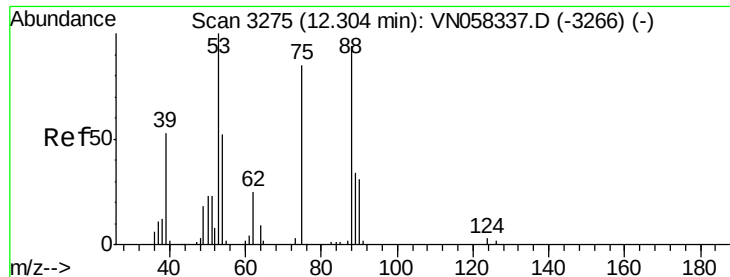
Tgt Ion: 95 Resp: 191383
 Ion Ratio Lower Upper
 95 100
 174 74.4 59.0 88.6
 176 72.8 58.2 87.2



#63
 Toluene-d8
 Concen: 31.163 ug/l
 RT: 10.09 min Scan# 2585
 Delta R.T. 0.00 min
 Lab File: VN058344.D
 Acq: 24 Sep 2019 14:13

Tgt Ion: 98 Resp: 589815
 Ion Ratio Lower Upper
 98 100
 100 63.3 50.2 75.2

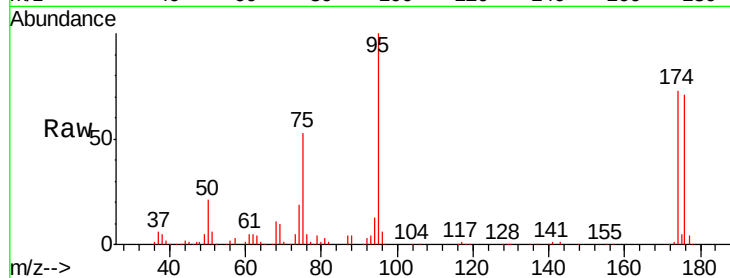




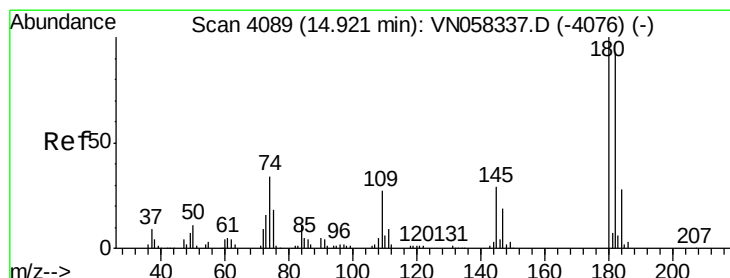
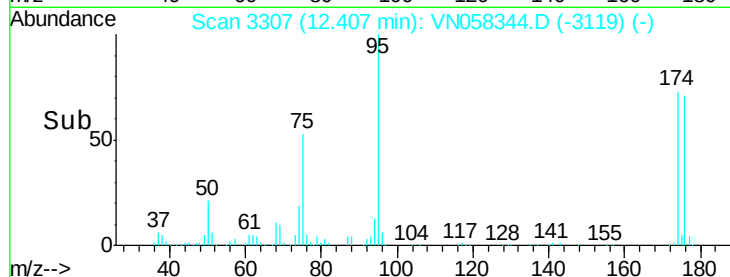
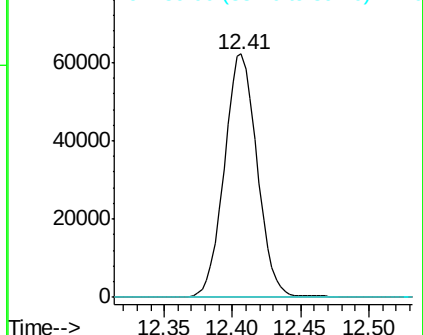
#77
t-1,4-Dichloro-2-butene
Concen: 50.941 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.10 min
Lab File: VN058344.D
Acq: 24 Sep 2019 14:13

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBL01

Tgt Ion: 75 Resp: 104067
Ion Ratio Lower Upper
75 100
53 0.0 59.0 176.8#
89 0.0 21.6 65.0#

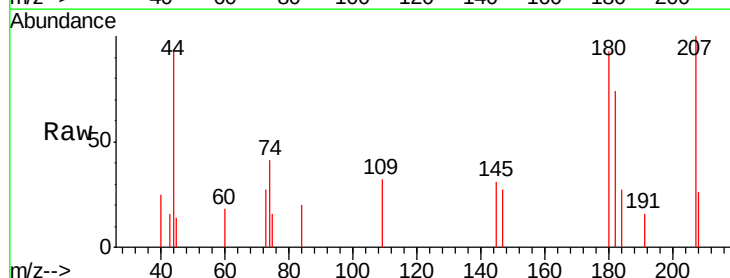


Abundance Ion 75.00 (74.70 to 75.70): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 89.00 (88.70 to 89.70): VN0

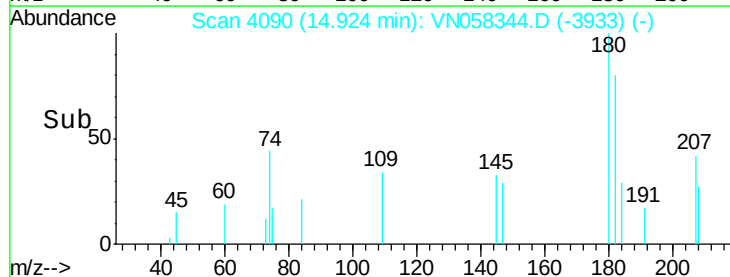
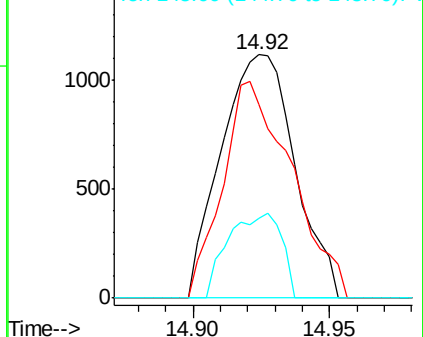


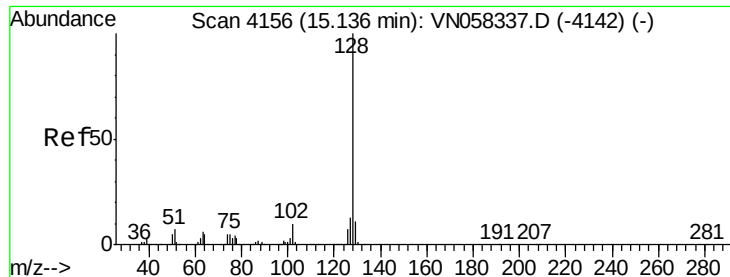
#89
1,2,4-Trichlorobenzene
Concen: 0.320 ug/l
RT: 14.92 min Scan# 4090
Delta R.T. 0.00 min
Lab File: VN058344.D
Acq: 24 Sep 2019 14:13

Tgt Ion: 180 Resp: 2090
Ion Ratio Lower Upper
180 100
182 83.6 75.2 112.8
145 25.3 25.1 37.7



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V





#91

Naphthalene

Concen: 0.534 ug/l

RT: 15.14 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN058344.D

Acq: 24 Sep 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBL01

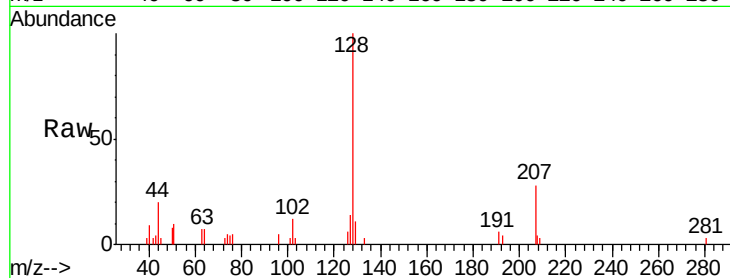
Tgt Ion:128 Resp: 9571

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.4

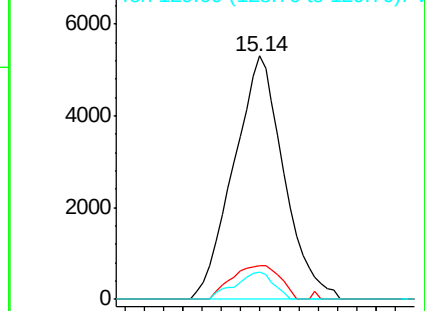
129 7.3 8.6 13.0#



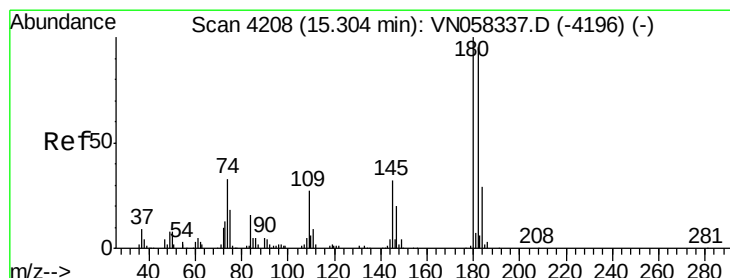
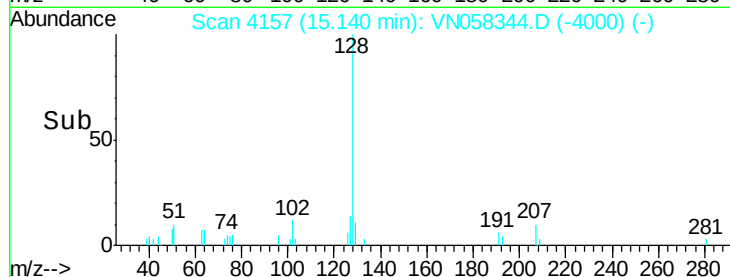
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->



#92

1,2,3-Trichlorobenzene

Concen: 0.447 ug/l

RT: 15.30 min Scan# 4208

Delta R.T. 0.00 min

Lab File: VN058344.D

Acq: 24 Sep 2019 14:13

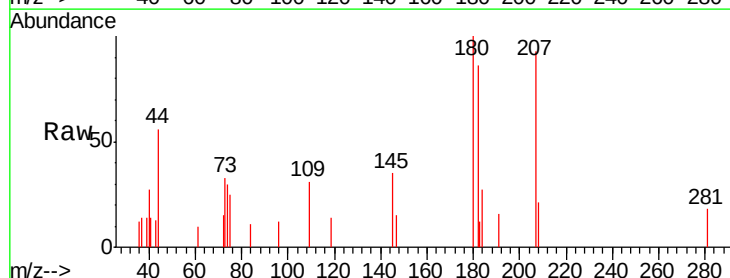
Tgt Ion:180 Resp: 2805

Ion Ratio Lower Upper

180 100

182 89.9 0.0 189.4

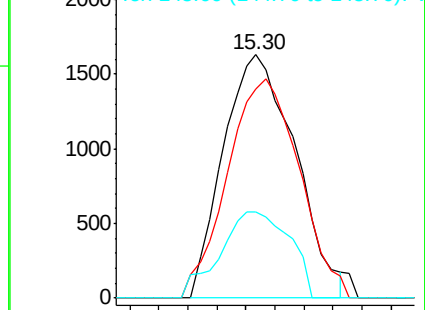
145 34.1 0.0 64.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



Time-->

