

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101319\
 Data File : VN058732.D
 Acq On : 12 Oct 2019 3:23
 Operator : JC/SP
 Sample : K5266-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RAW-DISCRETE-CORE-C-3

Quant Time: Oct 12 06:43:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	432615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	672307	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	603198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	243953	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	297768	49.16	ug/l	0.00
Spiked Amount			Recovery	=	98.32%	
35) Dibromofluoromethane	7.57	113	215423	51.88	ug/l	0.00
Spiked Amount			Recovery	=	103.76%	
50) Toluene-d8	10.08	98	843131	50.77	ug/l	0.00
Spiked Amount			Recovery	=	101.54%	
62) 4-Bromofluorobenzene	12.40	95	279467	44.46	ug/l	0.00
Spiked Amount			Recovery	=	88.92%	

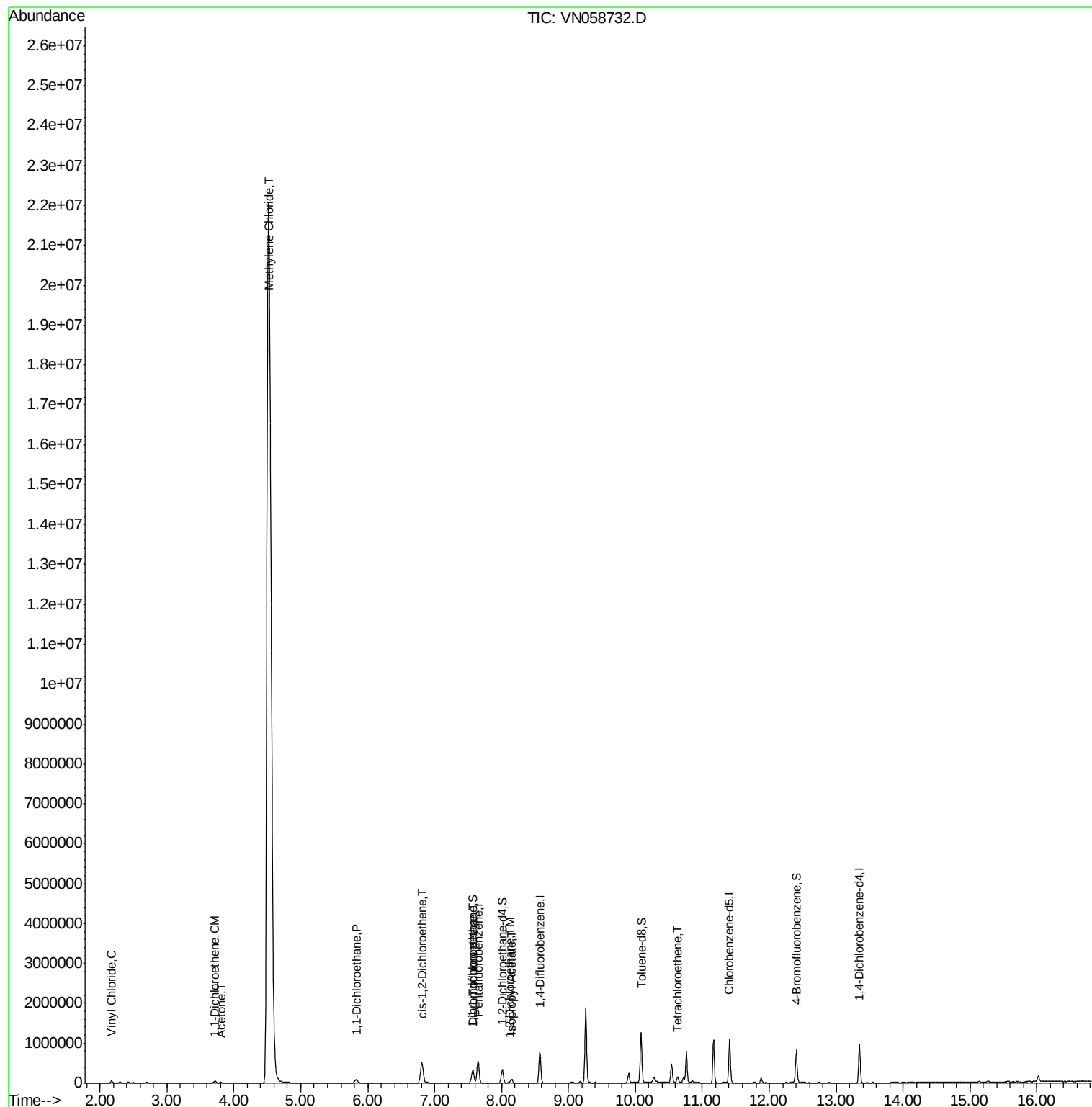
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.17	62	48232	7.558	ug/l	97
12) 1,1-Dichloroethene	3.72	96	23630	5.688	ug/l	97
16) Acetone	3.80	43	25581	10.202	ug/l	99
20) Methylene Chloride	4.52	84	16941757	3232.979	ug/l #	62
24) 1,1-Dichloroethane	5.83	63	136857	14.740	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	326695	60.284	ug/l	87
32) 1,1,1-Trichloroethane	7.55	97	49427	6.213	ug/l	98
42) 1,2-Dichloroethane	8.11	62	14741	1.965	ug/l	85
43) Isopropyl Acetate	8.15	43	108299	9.248	ug/l #	92
64) Tetrachloroethene	10.63	164	15971	3.783	ug/l	93

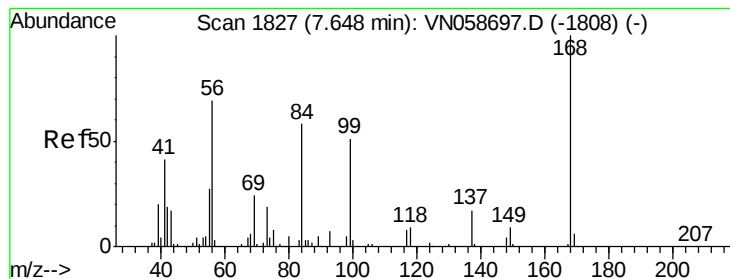
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN101319\
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Instrument :
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Quant Time: Oct 12 06:43:06 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 12 00:00:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN058732.D

Acq: 12 Oct 2019 3:23

Instrument :

MSVOA_N

ClientSampleId :

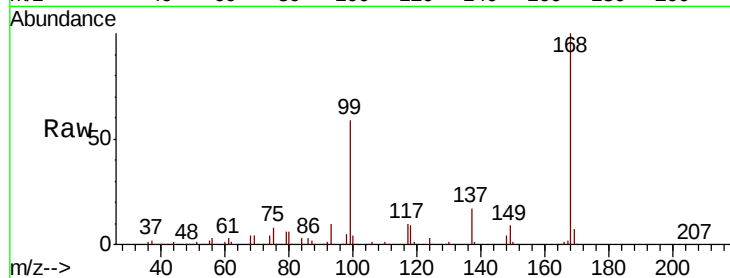
RAW-DISCRETE-CORE-C-3

Tot Ion:168 Resp: 432615

Ion Ratio Lower Upper

168 100

99 58.4 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

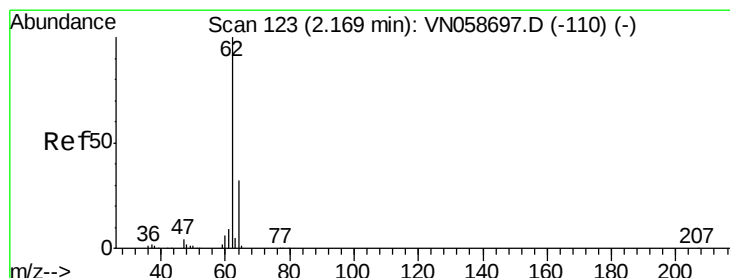
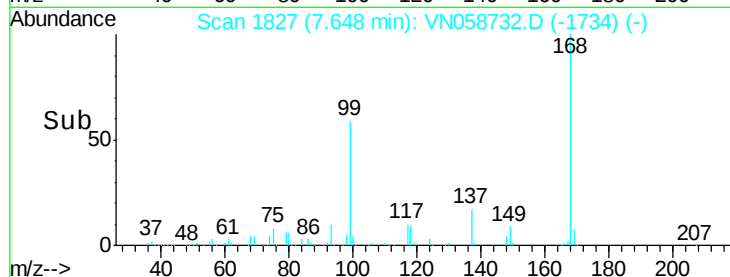
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#4

Vinyl Chloride

Concen: 7.558 ug/l

RT: 2.17 min Scan# 124

Delta R.T. 0.00 min

Lab File: VN058732.D

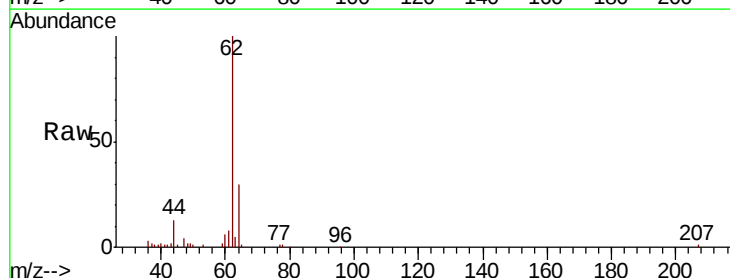
Acq: 12 Oct 2019 3:23

Tgt Ion: 62 Resp: 48232

Ion Ratio Lower Upper

62 100

64 30.1 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.17

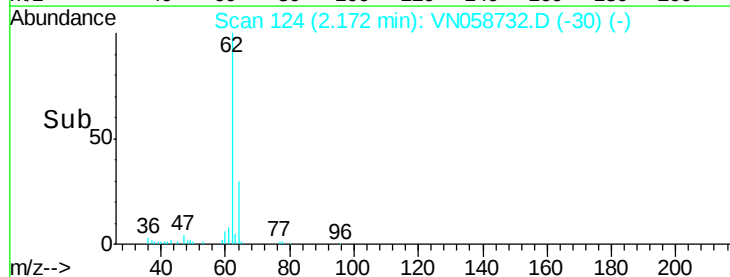
30000

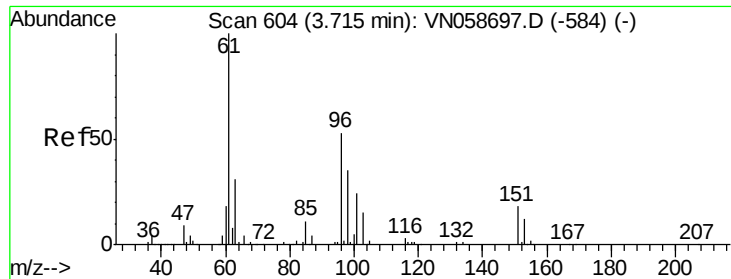
20000

10000

0

Time--> 2.10 2.15 2.20 2.25





#12

1,1-Dichloroethene

Concen: 5.688 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN058732.D

Acq: 12 Oct 2019 3:23

Instrument :

MSVOA_N

ClientSampleId :

RAW-DISCRETE-CORE-C-3

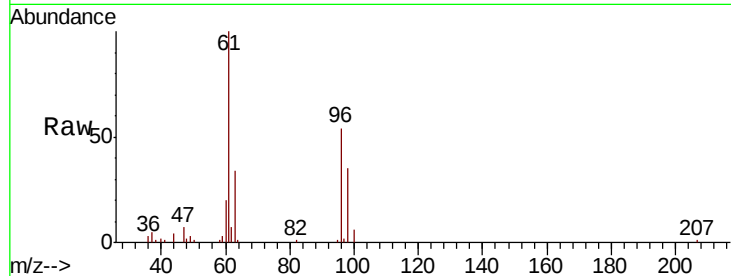
Tot Ion: 96 Resp: 23630

Ion Ratio Lower Upper

96 100

61 183.0 151.3 226.9

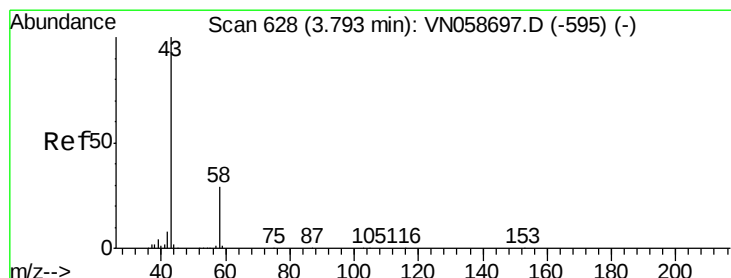
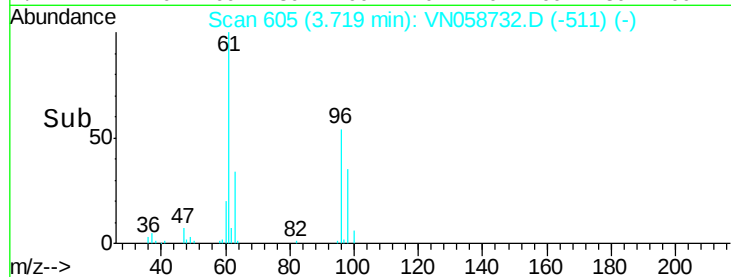
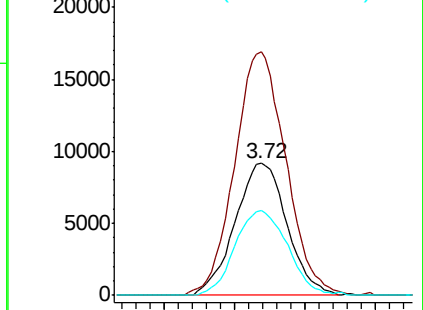
98 64.7 52.6 78.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#16

Acetone

Concen: 10.202 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058732.D

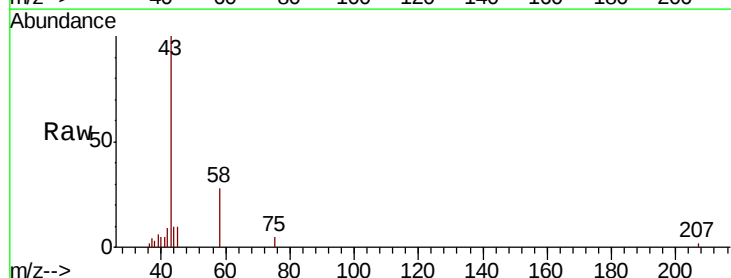
Acq: 12 Oct 2019 3:23

Tgt Ion: 43 Resp: 25581

Ion Ratio Lower Upper

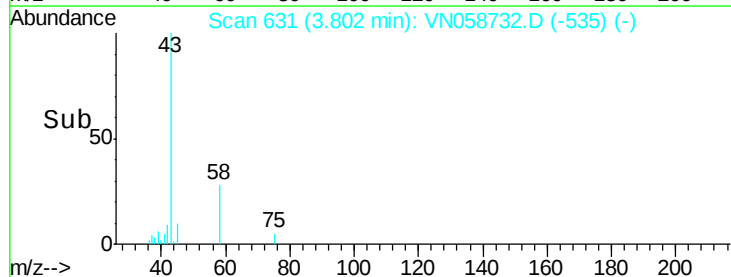
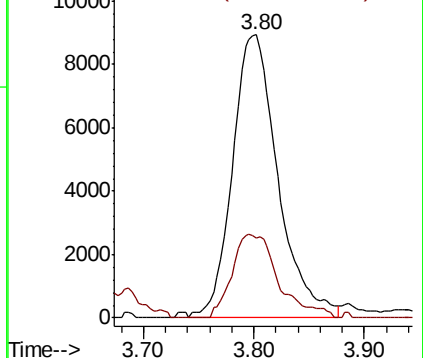
43 100

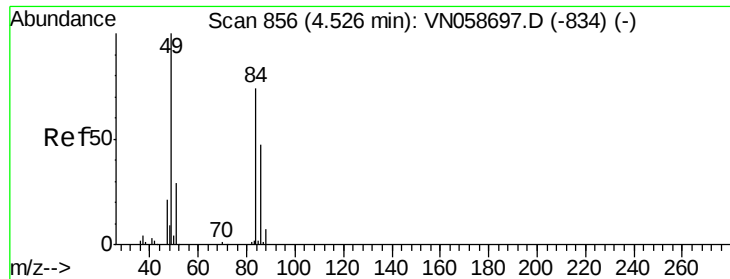
58 28.4 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



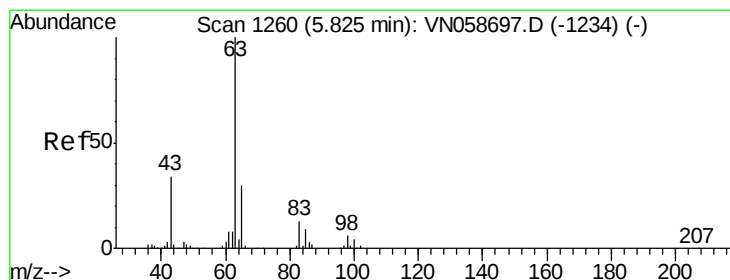
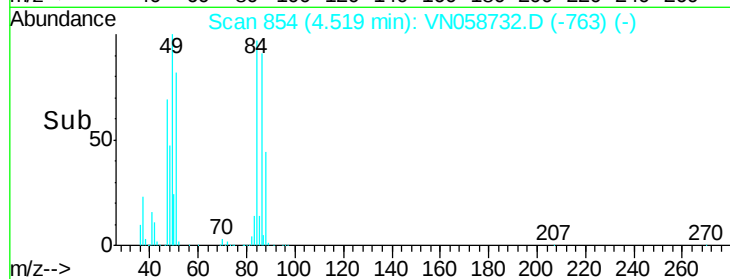
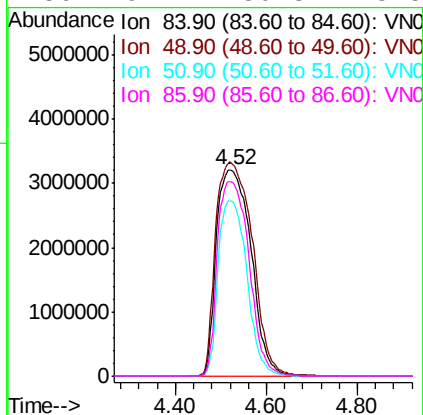
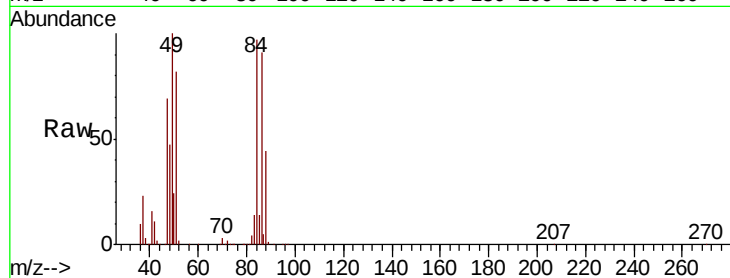


#20
Methvlene Chloride
Concen: 3232.979 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.01 min
Lab File: VN058732.D
Acq: 12 Oct 2019 3:23

Instrument :
MSVOA_N
ClientSampleId :
RAW-DISCRETE-CORE-C-3

Tot Ion: 84 Resp:16941757

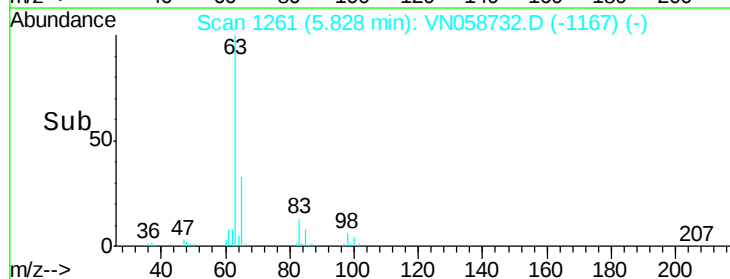
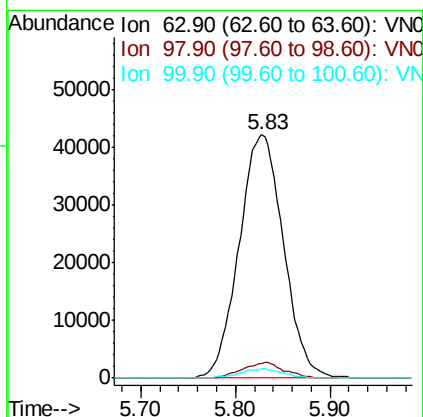
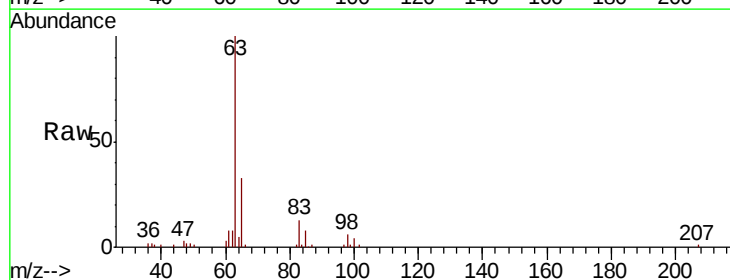
Ion	Ratio	Lower	Upper
84	100		
49	103.6	107.6	161.4#
51	85.1	31.4	47.0#
86	94.7	50.3	75.5#

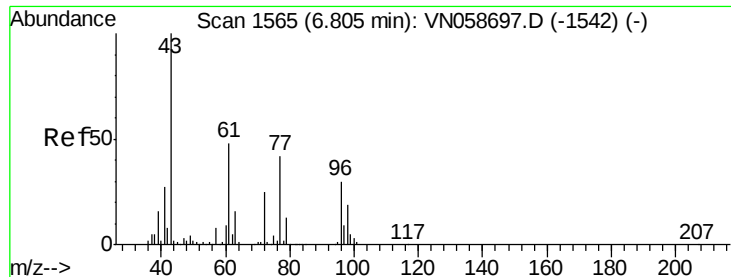


#24
1,1-Dichloroethane
Concen: 14.740 ug/l
RT: 5.83 min Scan# 1261
Delta R.T. 0.00 min
Lab File: VN058732.D
Acq: 12 Oct 2019 3:23

Tgt Ion: 63 Resp: 136857

Ion	Ratio	Lower	Upper
63	100		
98	6.2	2.9	8.6
100	3.7	1.8	5.5





#27

cis-1,2-Dichloroethene

Concen: 60.284 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN058732.D

Acq: 12 Oct 2019 3:23

Instrument :

MSVOA_N

ClientSampleId :

RAW-DISCRETE-CORE-C-3

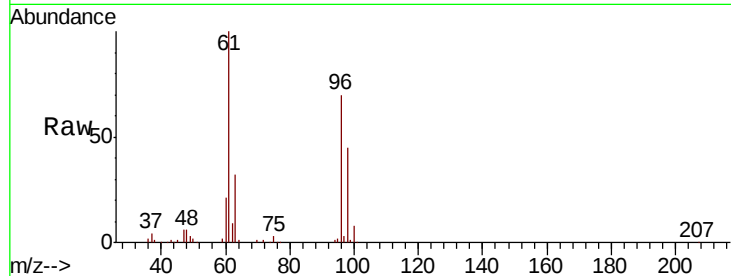
Tot Ion: 96 Resp: 32695

Ion Ratio Lower Upper

96 100

61 139.9 0.0 324.8

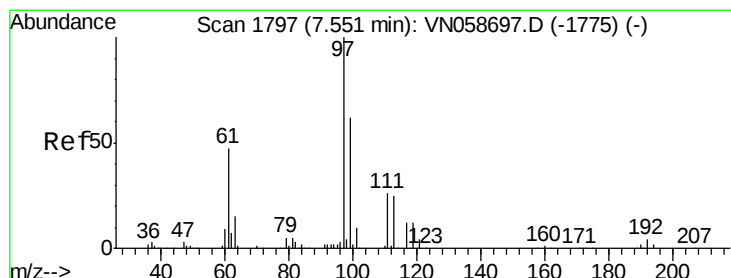
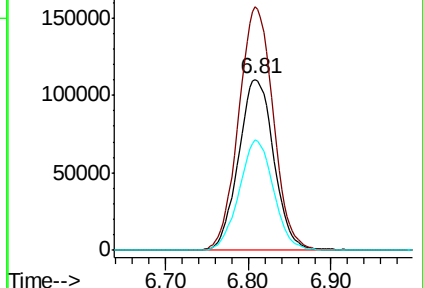
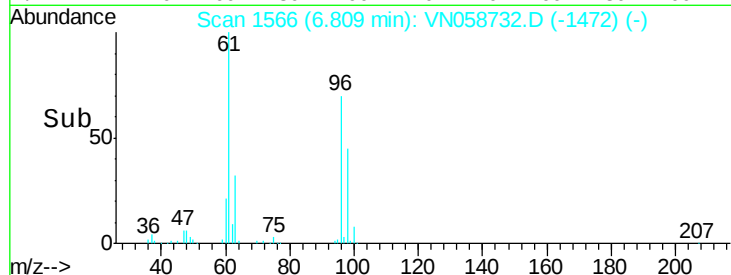
98 62.9 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN058732.D (-1472) (-)

Ion 60.90 (60.60 to 61.60): VN058732.D (-1472) (-)

Ion 97.90 (97.60 to 98.60): VN058732.D (-1472) (-)



#32

1,1,1-Trichloroethane

Concen: 6.213 ug/l

RT: 7.55 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VN058732.D

Acq: 12 Oct 2019 3:23

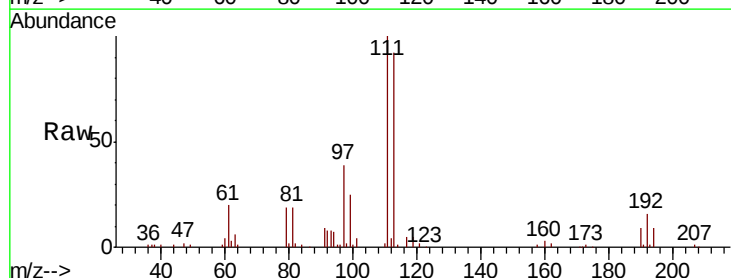
Tgt Ion: 97 Resp: 49427

Ion Ratio Lower Upper

97 100

99 65.0 50.8 76.2

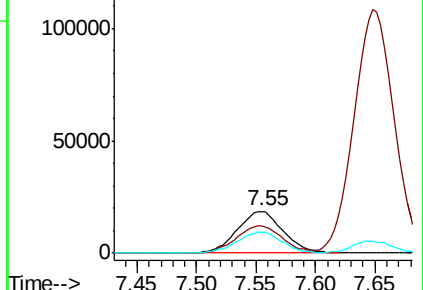
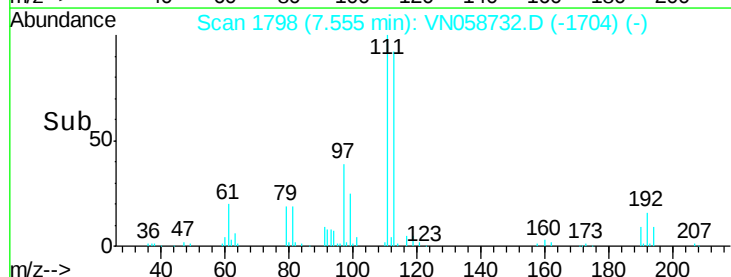
61 49.5 38.1 57.1

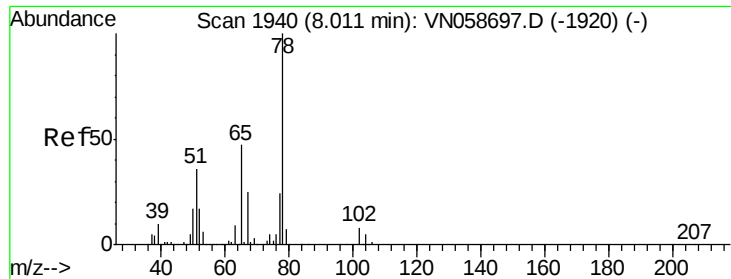


Abundance Ion 96.90 (96.60 to 97.60): VN058732.D (-1704) (-)

Ion 98.90 (98.60 to 99.60): VN058732.D (-1704) (-)

Ion 60.90 (60.60 to 61.60): VN058732.D (-1704) (-)





#33

1,2-Dichloroethane-d4

Concen: 49.165 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058732.D

Acq: 12 Oct 2019 3:23

Instrument :

MSVOA_N

ClientSampleId :

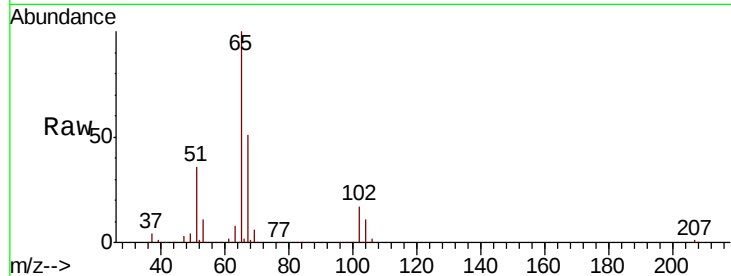
RAW-DISCRETE-CORE-C-3

Tot Ion: 65 Resp: 297768

Ion Ratio Lower Upper

65 100

67 52.0 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN058732.D (-1847) (-)

Ion 66.90 (66.60 to 67.60): VN058732.D (-1847) (-)

8.01

150000

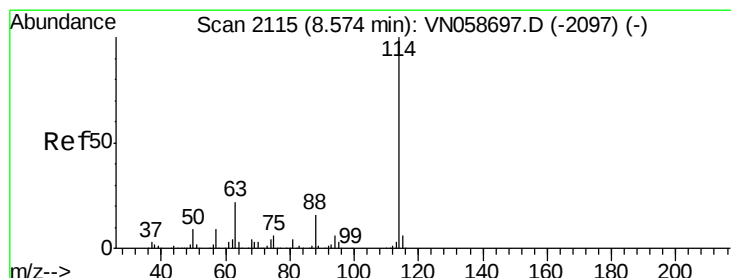
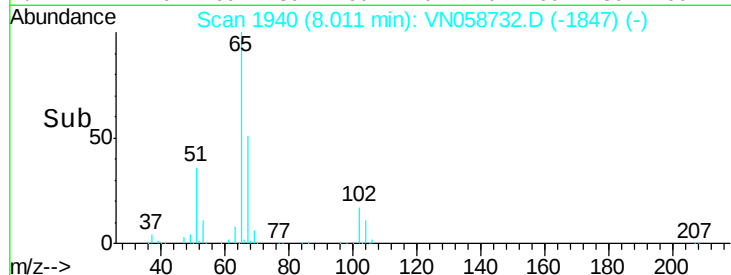
100000

50000

0

Time-->

7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN058732.D

Acq: 12 Oct 2019 3:23

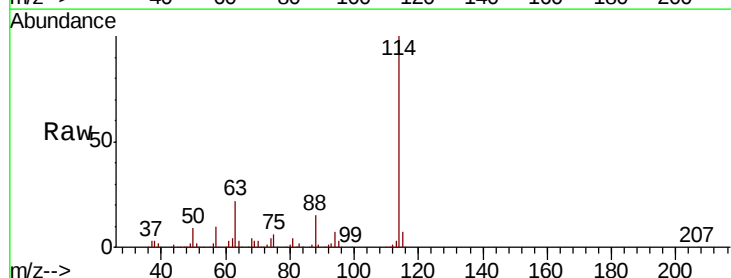
Tgt Ion: 114 Resp: 672307

Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.8

88 15.5 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): VN058732.D (-2022) (-)

Ion 63.00 (62.70 to 63.70): VN058732.D (-2022) (-)

Ion 87.90 (87.60 to 88.60): VN058732.D (-2022) (-)

8.57

400000

300000

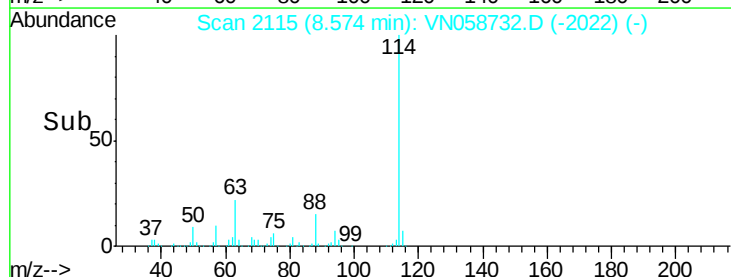
200000

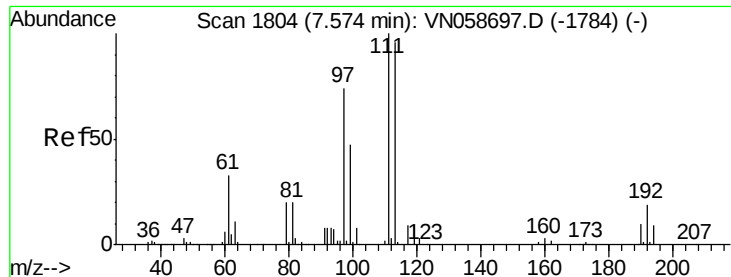
100000

0

Time-->

8.50 8.60 8.70

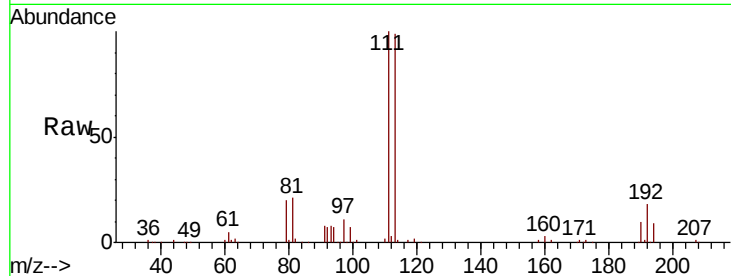




#35
 Dibromofluoromethane
 Concen: 51.875 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058732.D
 Acq: 12 Oct 2019 3:23

Instrument :
 MSVOA_N
 ClientSampleId :
 RAW-DISCRETE-CORE-C-3

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.3	123.5
192	18.7	15.0	22.6

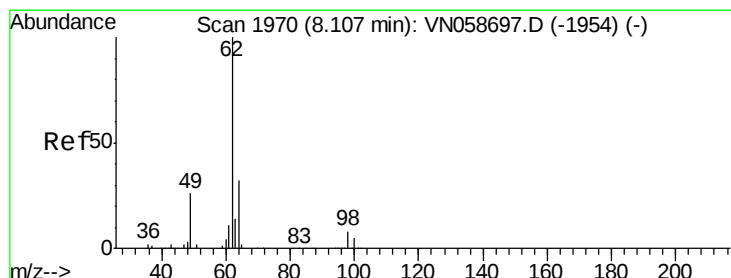
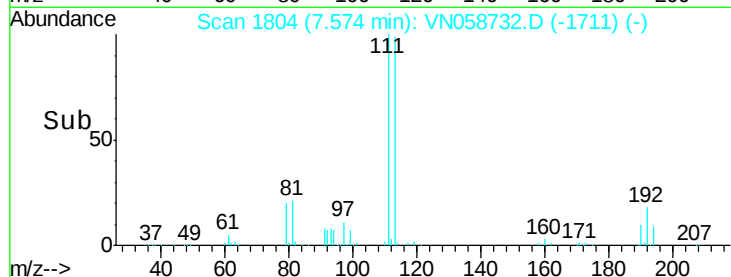
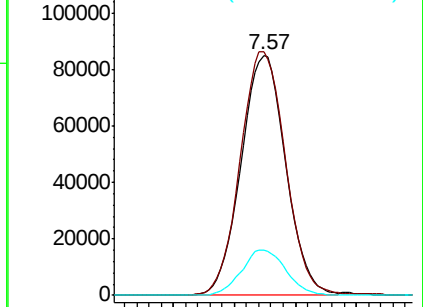


Abundance

Ion 112.80 (112.50 to 113.50): V

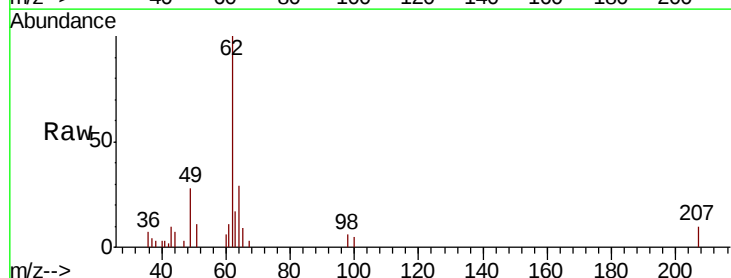
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#42
 1,2-Dichloroethane
 Concen: 1.965 ug/l
 RT: 8.11 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VN058732.D
 Acq: 12 Oct 2019 3:23

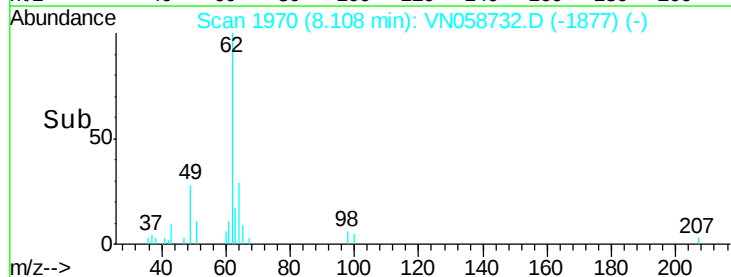
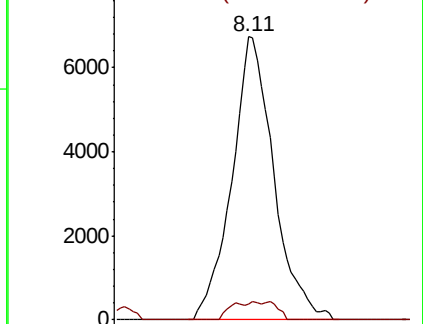
Tgt Ion	Ratio	Lower	Upper
62	100		
98	2.5	0.0	15.8

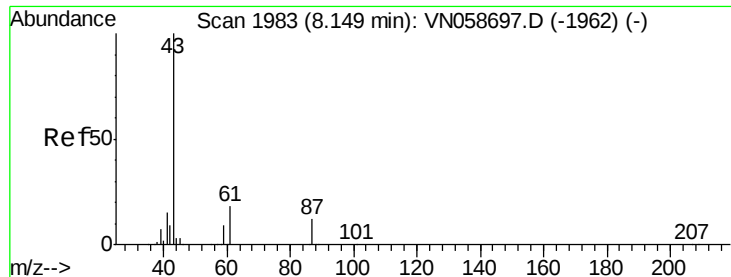


Abundance

Ion 61.90 (61.60 to 62.60): V

Ion 97.90 (97.60 to 98.60): V





#43

Isopropyl Acetate

Concen: 9.248 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VN058732.D

Acq: 12 Oct 2019 3:23

Instrument :

MSVOA_N

ClientSampleId :

RAW-DISCRETE-CORE-C-3

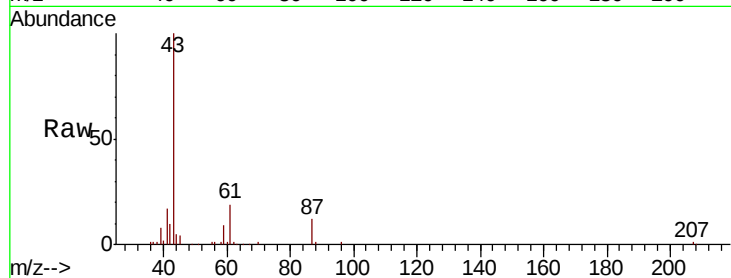
Tot Ion: 43 Resp: 108299

Ion Ratio Lower Upper

43 100

61 20.0 20.3 30.5#

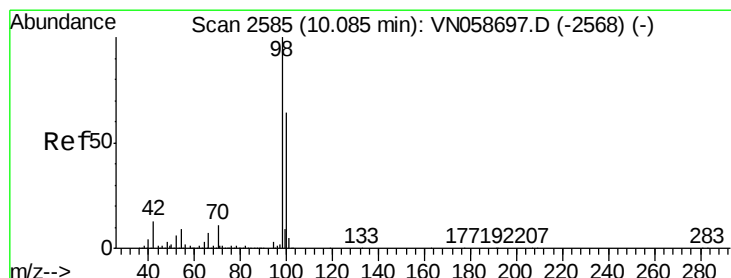
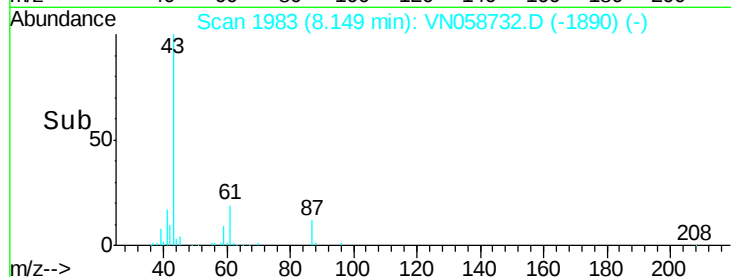
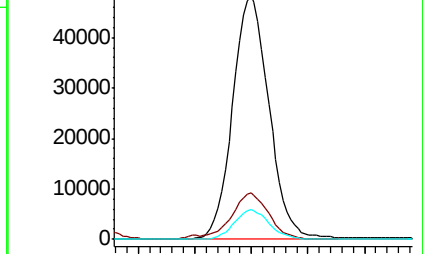
87 11.6 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN058732.D (-1890) (-)

Ion 61.00 (60.70 to 61.70): VN058732.D (-1890) (-)

Ion 87.00 (86.70 to 87.70): VN058732.D (-1890) (-)



#50

Toluene-d8

Concen: 50.772 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058732.D

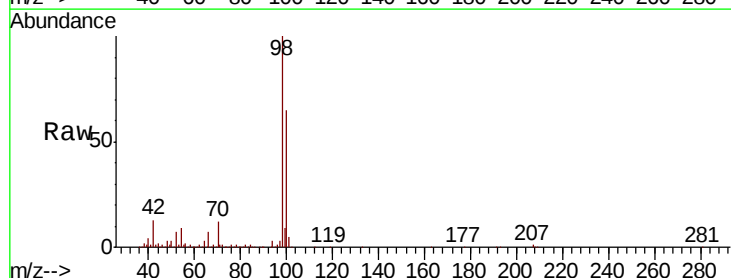
Acq: 12 Oct 2019 3:23

Tgt Ion: 98 Resp: 843131

Ion Ratio Lower Upper

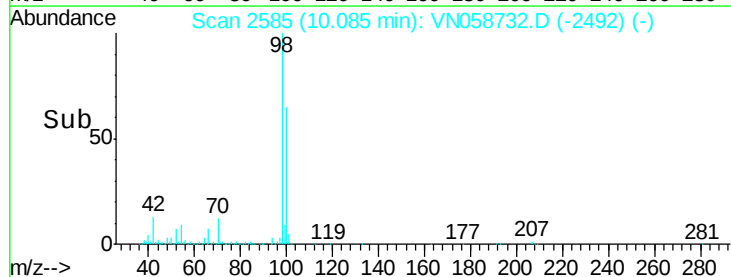
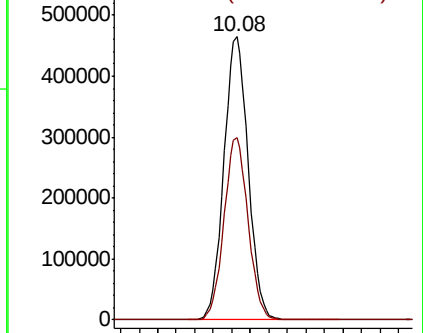
98 100

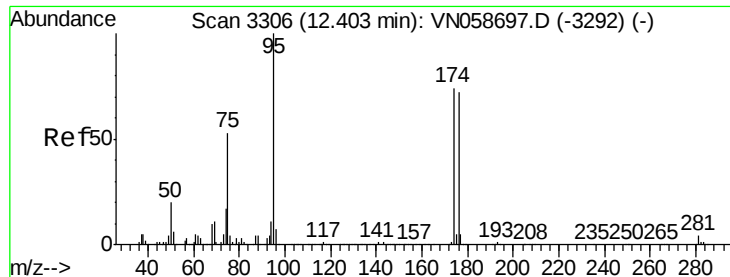
100 63.8 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN058732.D (-2492) (-)

Ion 100.00 (99.70 to 100.70): VN058732.D (-2492) (-)





#62

4-Bromofluorobenzene

Concen: 44.460 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058732.D

Acq: 12 Oct 2019 3:23

Instrument :

MSVOA_N

ClientSampleId :

RAW-DISCRETE-CORE-C-3

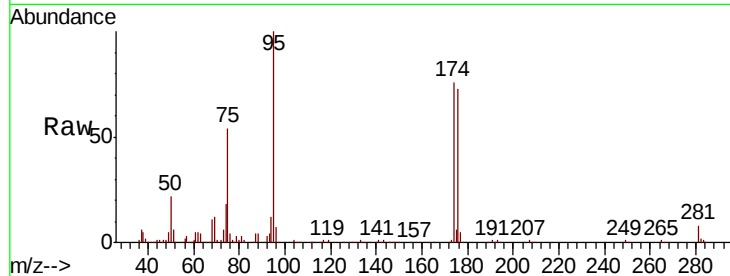
Tot Ion: 95 Resp: 279467

Ion Ratio Lower Upper

95 100

174 75.8 0.0 150.4

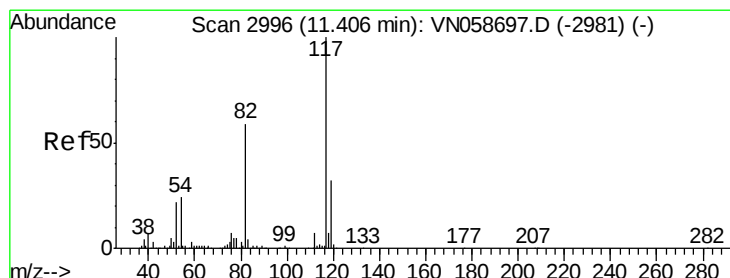
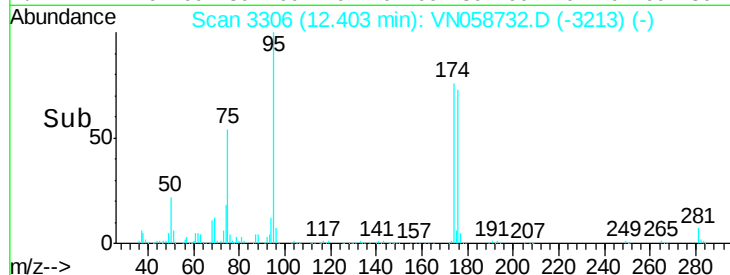
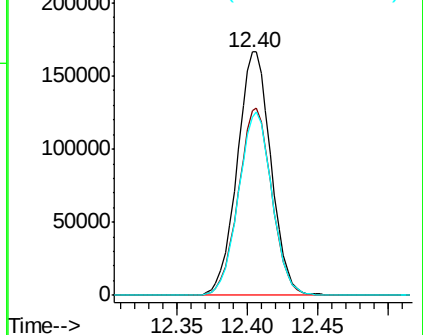
176 74.8 0.0 146.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058732.D

Acq: 12 Oct 2019 3:23

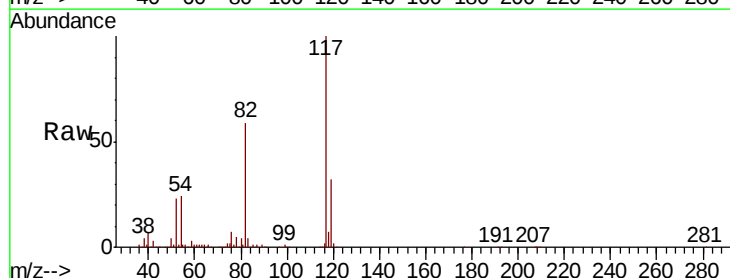
Tgt Ion: 117 Resp: 603198

Ion Ratio Lower Upper

117 100

82 59.1 47.0 70.4

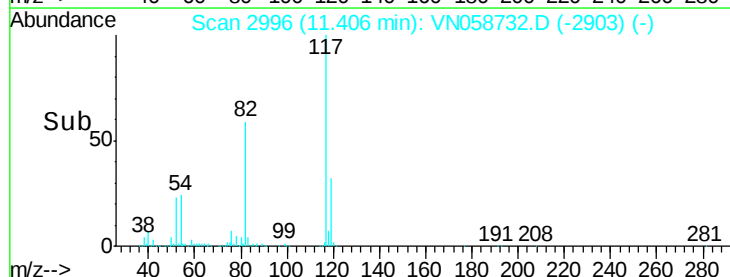
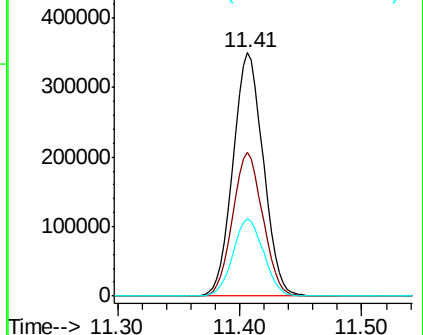
119 31.8 25.4 38.2

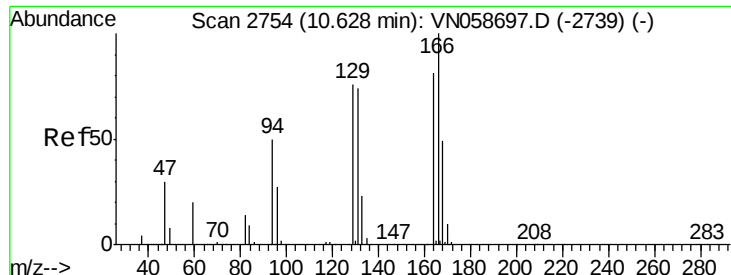


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

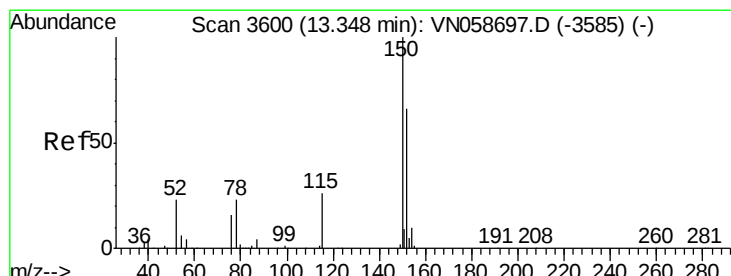
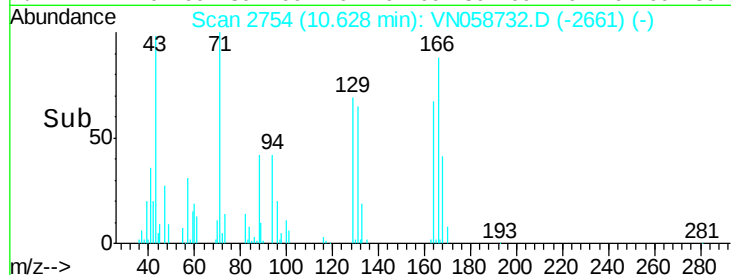
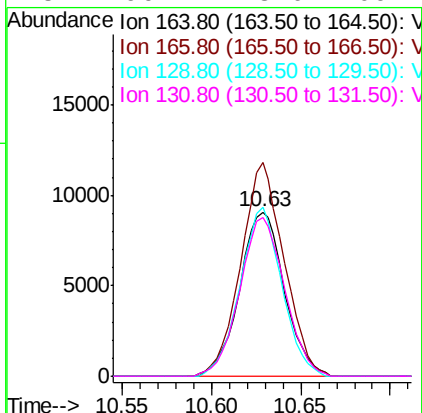
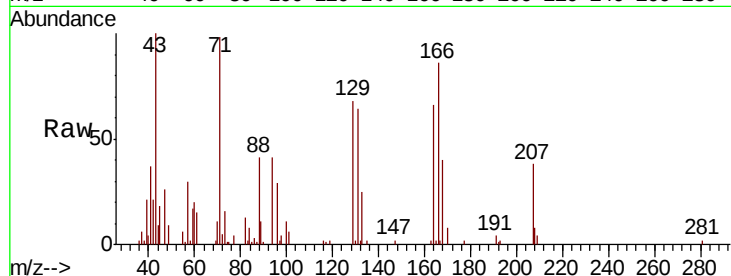




#64
Tetrachloroethene
Concen: 3.783 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN058732.D
Acq: 12 Oct 2019 3:23

Instrument :
MSVOA_N
ClientSampleId :
RAW-DISCRETE-CORE-C-3

Tot Ion:164 Resp: 15971
Ion Ratio Lower Upper
164 100
166 130.2 99.3 148.9
129 102.8 75.2 112.8
131 96.7 73.0 109.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058732.D
Acq: 12 Oct 2019 3:23

Tgt Ion:152 Resp: 243953
Ion Ratio Lower Upper
152 100
115 60.0 30.4 91.2
150 156.0 0.0 345.4

