

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120419\
 Data File : VN059481.D
 Acq On : 4 Dec 2019 12:30
 Operator : JC/SP
 Sample : K6069-03ME
 Misc : 4.83g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 05 00:45:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 16:37:42 2019
 Response via : Initial Calibration

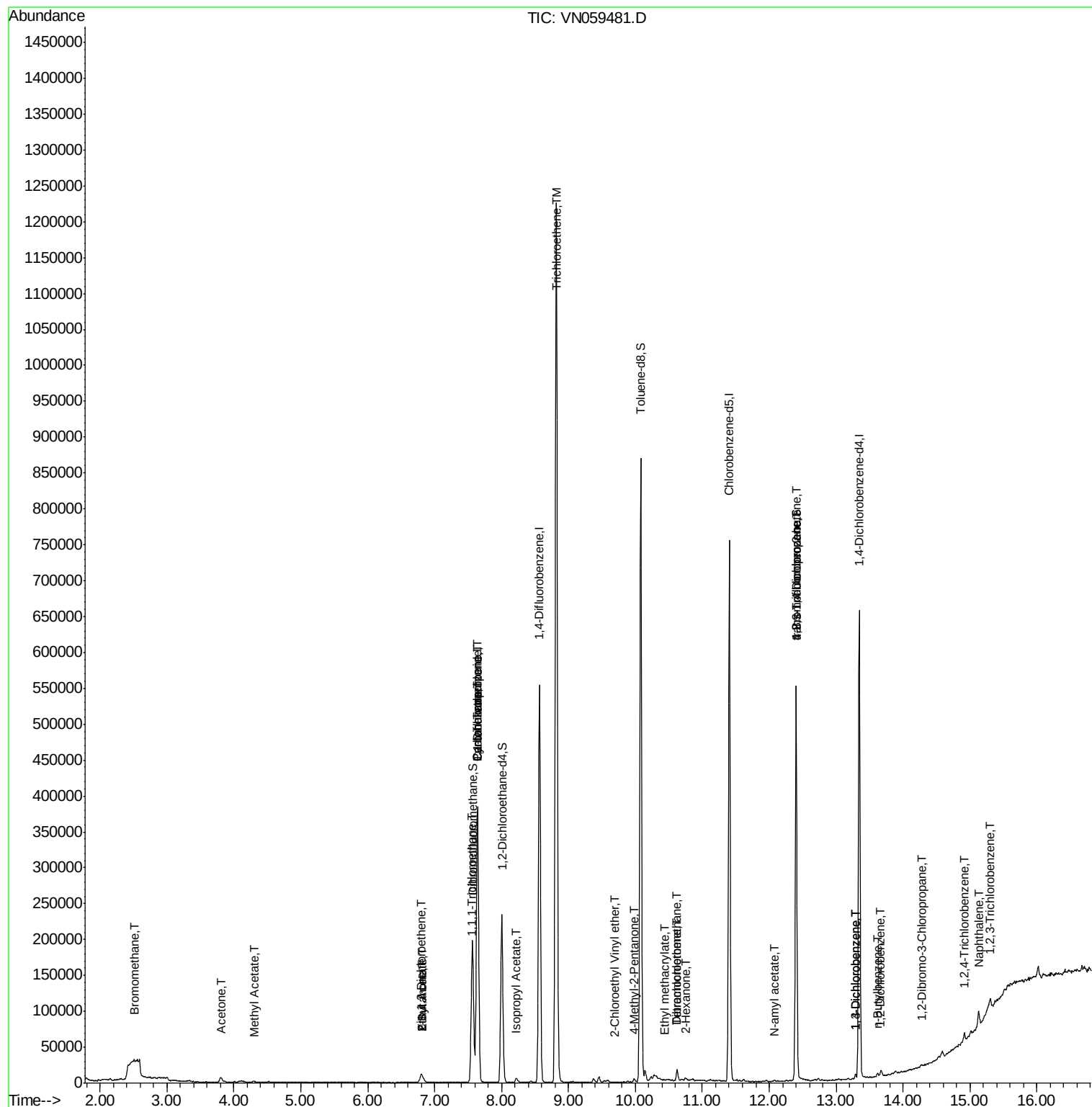
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	322526	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	501145	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	436859	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	179415	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	196866	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
35) Dibromofluoromethane	7.56	113	150654	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	
50) Toluene-d8	10.08	98	611846	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
62) 4-Bromofluorobenzene	12.40	95	197003	45.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.68%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.52	94	417	0.238	ug/l #	78
16) Acetone	3.81	43	13652	0.916	ug/l	96
18) Methyl Acetate	4.29	43	3357	0.622	ug/l #	61
20) Methylene Chloride	4.51	84	501	Below Cal	#	76
25) 2-Butanone	6.83	43	10353	3.400	ug/l	97
27) cis-1,2-Dichloroethene	6.80	96	7006	1.685	ug/l	86
31) Cyclohexane	7.64	56	6289	0.932	ug/l #	1
32) 1,1,1-Trichloroethane	7.54	97	4691	0.802	ug/l #	51
36) 1,1-Dichloropropene	7.64	75	24493	4.697	ug/l #	49
37) Ethyl Acetate	6.83	43	10353	1.777	ug/l #	68
38) Carbon Tetrachloride	7.64	117	30326	6.046	ug/l #	16
43) Isopropyl Acetate	8.22	43	2769	0.320	ug/l #	55
44) Trichloroethene	8.82	130	460976	115.508	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	3314	0.644	ug/l	93
56) Ethyl methacrylate	10.43	69	89	1.467	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.69	63	62	15.832	ug/l #	50
59) 2-Hexanone	10.76	43	2470	0.638	ug/l	86
60) Dibromochloromethane	10.62	129	3291	0.847	ug/l #	10
64) Tetrachloroethene	10.63	164	3619	0.974	ug/l	94
74) N-amyl acetate	12.08	43	1426	0.246	ug/l #	69
76) 1,2,3-Trichloropropane	12.40	75	97244	21.799	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	97244	57.208	ug/l #	15
87) 1,3-Dichlorobenzene	13.29	146	1655	0.261	ug/l	97
88) 1,4-Dichlorobenzene	13.29	146	1655	0.259	ug/l	98
89) n-Butylbenzene	13.62	91	3071	0.276	ug/l	93
91) 1,2-Dichlorobenzene	13.66	146	1582	0.260	ug/l	82
92) 1,2-Dibromo-3-Chloropropan	14.28	75	932	0.850	ug/l #	31
93) 1,2,4-Trichlorobenzene	14.92	180	3906	1.053	ug/l	91
94) Hexachlorobutadiene	15.01	225	928	Below Cal		96
95) Naphthalene	15.13	128	16038	3.920	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	4680	3.172	ug/l	88

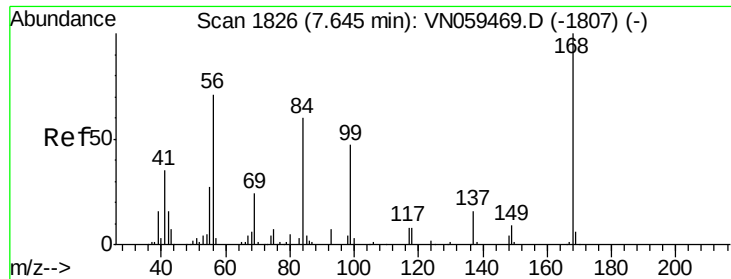
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 03 16:37:42 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN059481.D

Acq: 4 Dec 2019 12:30

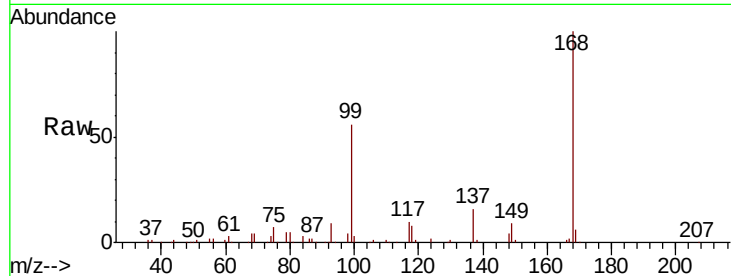
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 322526

Ion Ratio Lower Upper

168 100

99 56.0 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): VN059469.D

Ion 98.90 (98.60 to 99.60): VN059469.D

7.64

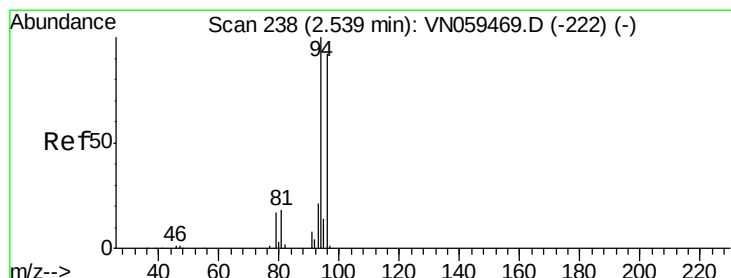
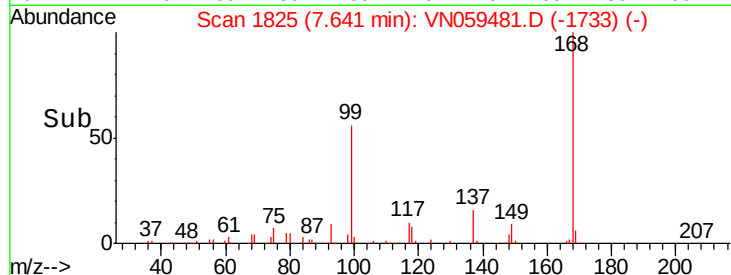
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.238 ug/l

RT: 2.52 min Scan# 233

Delta R.T. -0.02 min

Lab File: VN059481.D

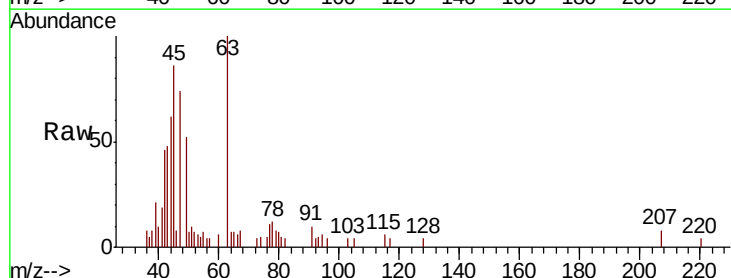
Acq: 4 Dec 2019 12:30

Tgt Ion: 94 Resp: 417

Ion Ratio Lower Upper

94 100

96 70.6 73.5 110.3#



Abundance Ion 93.90 (93.60 to 94.60): VN059469.D

Ion 95.90 (95.60 to 96.60): VN059469.D

2.52

400

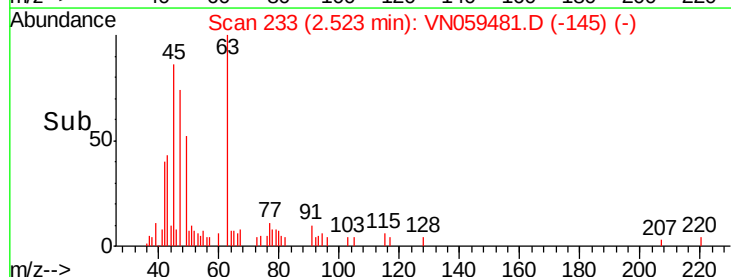
300

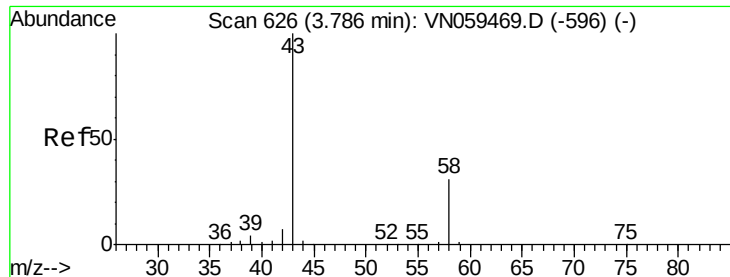
200

100

0

Time-->

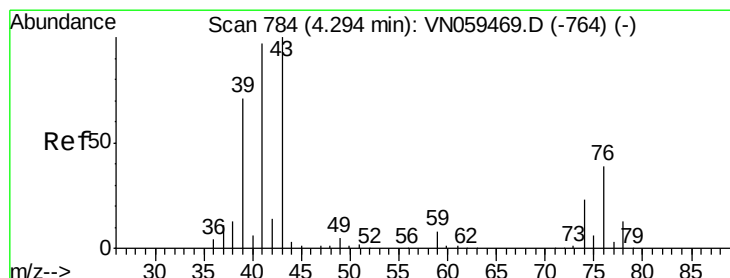
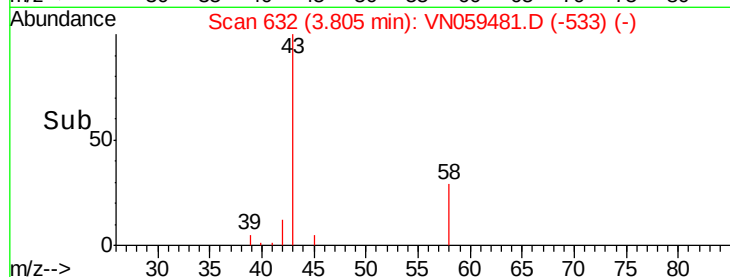
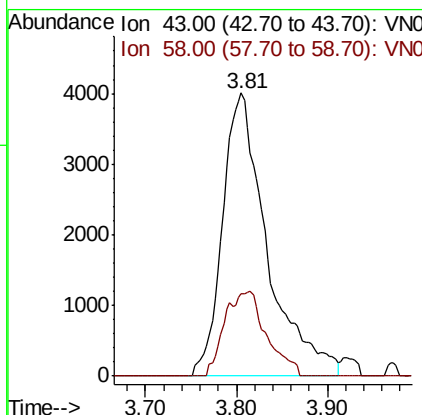
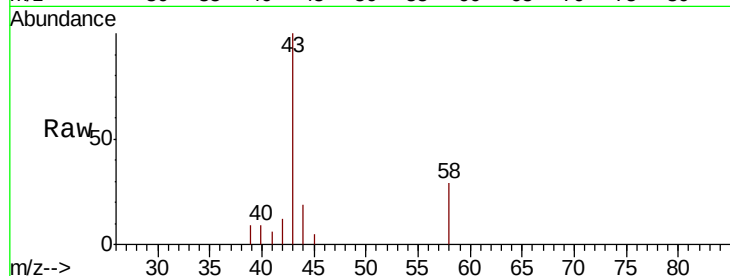




#16
Acetone
Concen: 0.916 ug/l
RT: 3.81 min Scan# 632
Delta R.T. 0.02 min
Lab File: VN059481.D
Acq: 4 Dec 2019 12:30

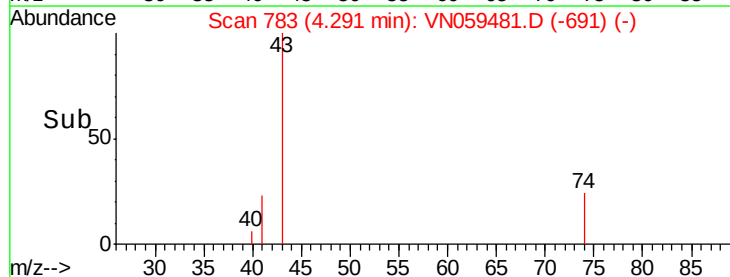
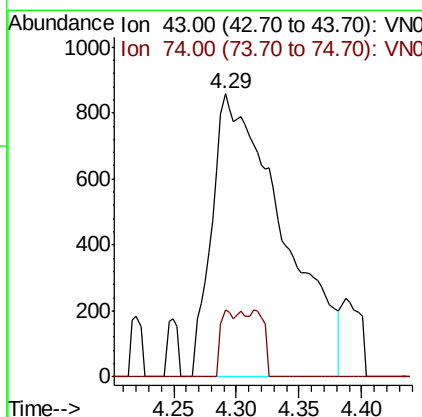
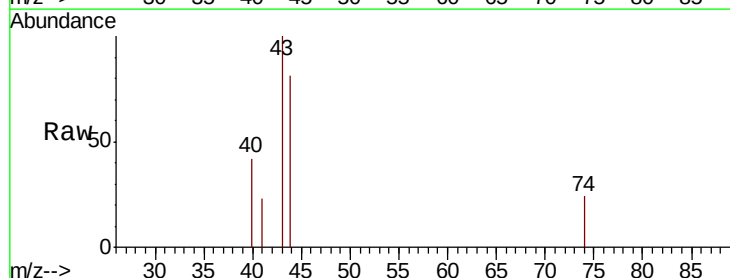
Instrument :
MSVOA_N
ClientSampled :

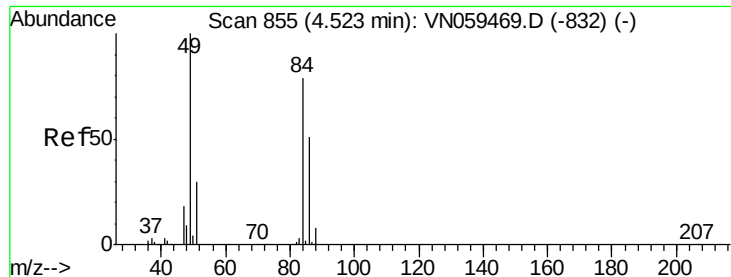
Tot Ion: 43 Resp: 13652
Ion Ratio Lower Upper
43 100
58 29.2 24.9 37.3



#18
Methyl Acetate
Concen: 0.622 ug/l
RT: 4.29 min Scan# 783
Delta R.T. -0.00 min
Lab File: VN059481.D
Acq: 4 Dec 2019 12:30

Tgt Ion: 43 Resp: 3357
Ion Ratio Lower Upper
43 100
74 4.2 18.3 27.5#





#20

Methvlene Chloride

Concen: Below Cal

RT: 4.51 min Scan# 852

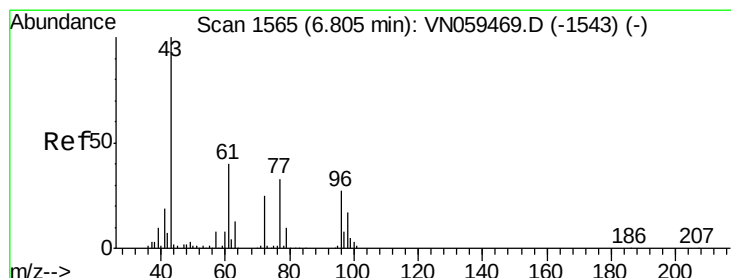
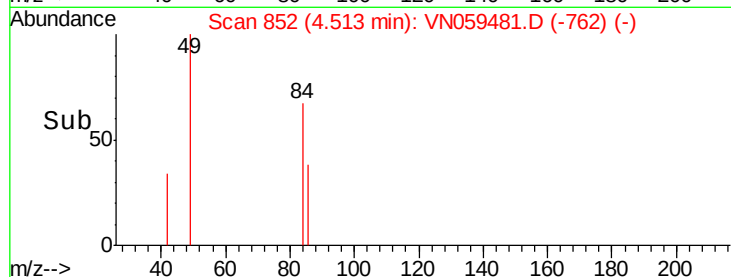
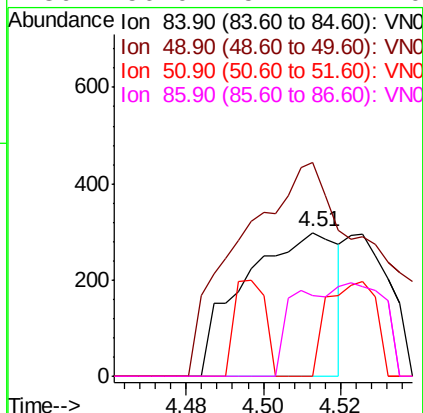
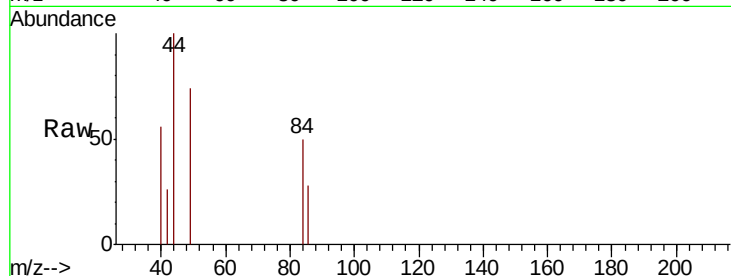
Delta R.T. -0.01 min

Lab File: VN059481.D

Acq: 4 Dec 2019 12:30

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	84	Resp:	501
Ion	Ratio	Lower	Upper
84	100		
49	149.0	101.1	151.7
51	0.0	30.7	46.1#
86	56.0	51.4	77.0



#25

2-Butanone

Concen: 3.400 ug/l

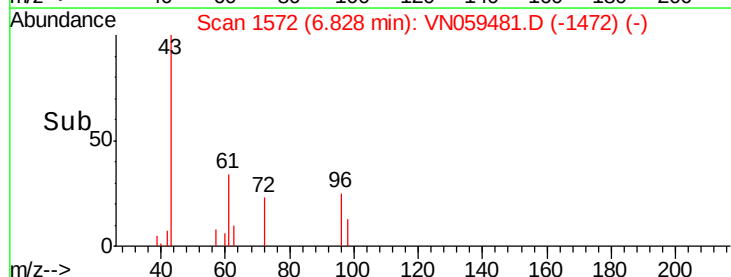
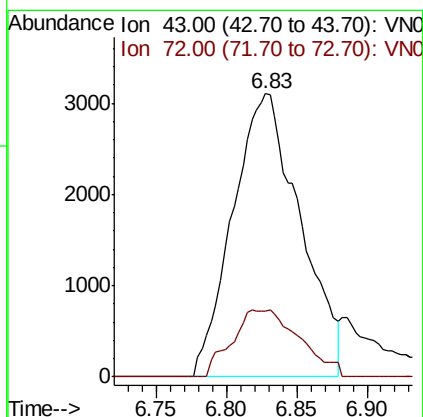
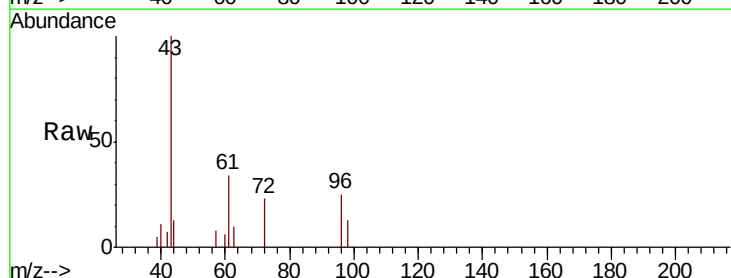
RT: 6.83 min Scan# 1572

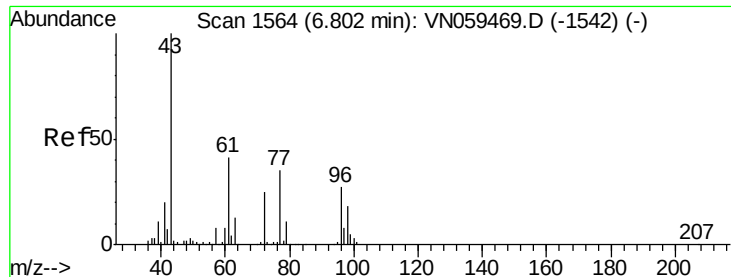
Delta R.T. 0.02 min

Lab File: VN059481.D

Acq: 4 Dec 2019 12:30

Tgt Ion:	43	Resp:	10353
Ion	Ratio	Lower	Upper
43	100		
72	23.5	20.2	30.2





#27

cis-1,2-Dichloroethene

Concen: 1.685 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN059481.D

Acq: 4 Dec 2019 12:30

Instrument :

MSVOA_N

ClientSampleId :

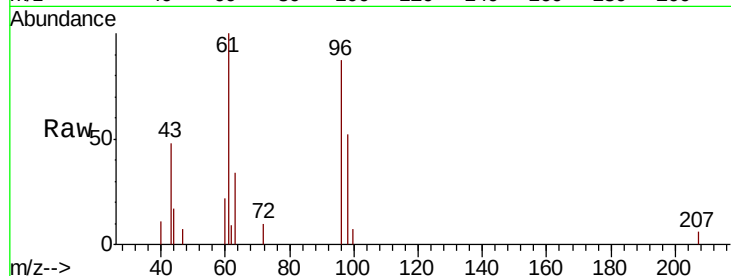
Tot Ion: 96 Resp: 7006

Ion Ratio Lower Upper

96 100

61 130.5 0.0 307.4

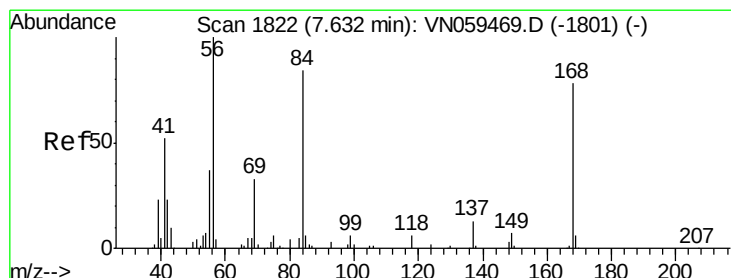
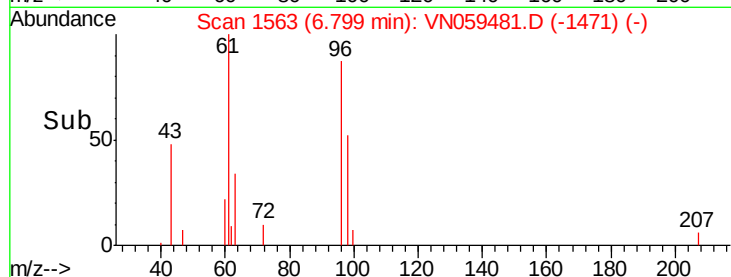
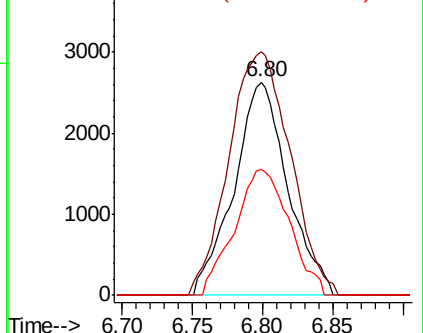
98 60.1 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN059469.D (-1542) (-)

Ion 60.90 (60.60 to 61.60): VN059469.D (-1542) (-)

Ion 97.90 (97.60 to 98.60): VN059469.D (-1542) (-)



#31

Cyclohexane

Concen: 0.932 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VN059481.D

Acq: 4 Dec 2019 12:30

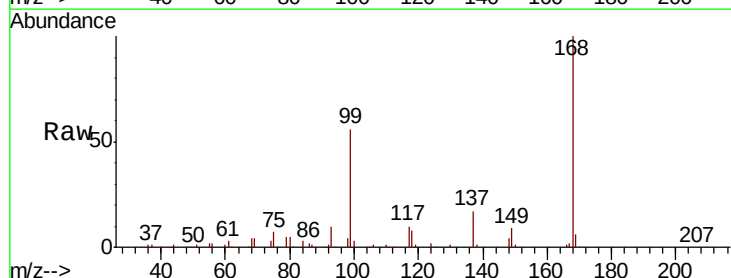
Tgt Ion: 56 Resp: 6289

Ion Ratio Lower Upper

56 100

69 195.5 26.2 39.4#

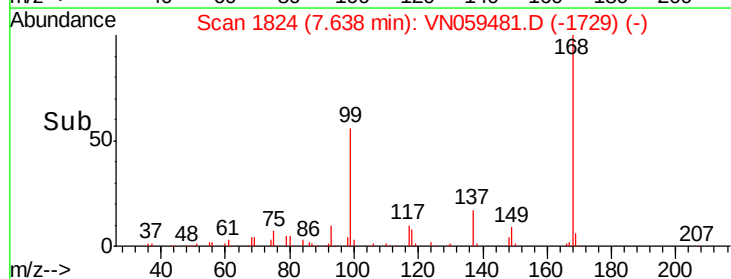
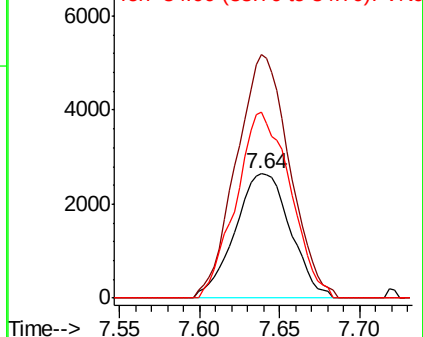
84 149.1 66.8 100.2#

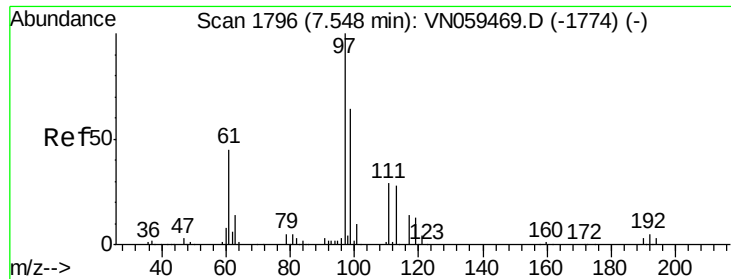


Abundance Ion 56.00 (55.70 to 56.70): VN059469.D (-1801) (-)

Ion 69.00 (68.70 to 69.70): VN059469.D (-1801) (-)

Ion 84.00 (83.70 to 84.70): VN059469.D (-1801) (-)

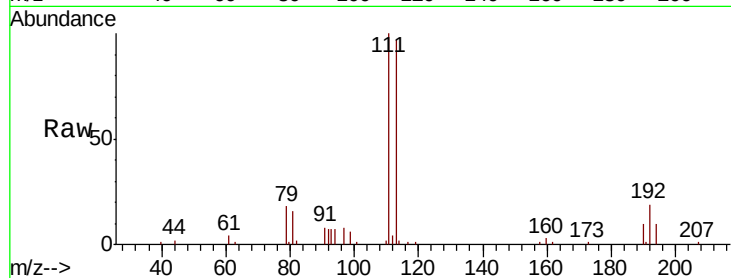




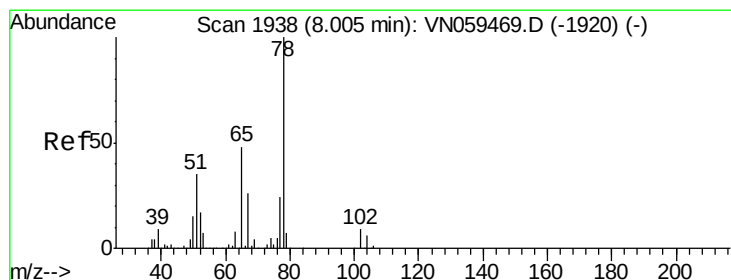
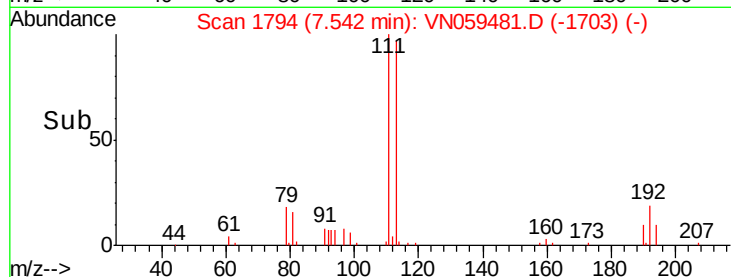
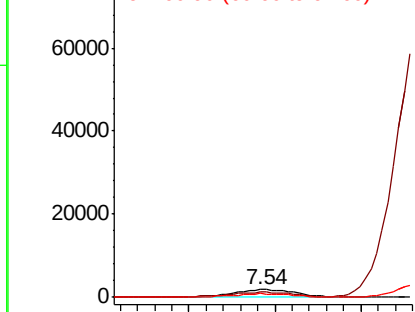
#32
 1,1,1-Trichloroethane
 Concen: 0.802 ug/l
 RT: 7.54 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: VN059481.D
 Acq: 4 Dec 2019 12:30

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 97 Resp: 4691
 Ion Ratio Lower Upper
 97 100
 99 0.0 51.7 77.5#
 61 43.8 35.4 53.0

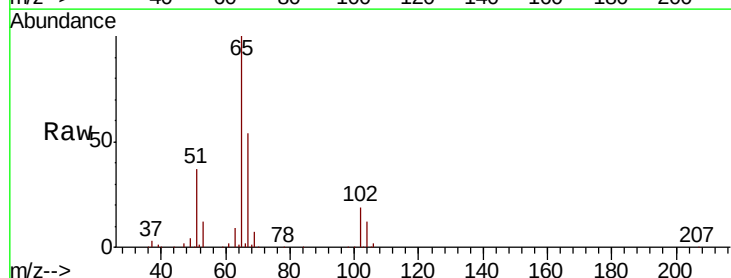


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0

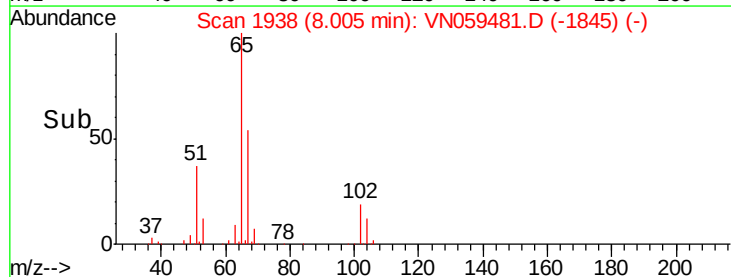
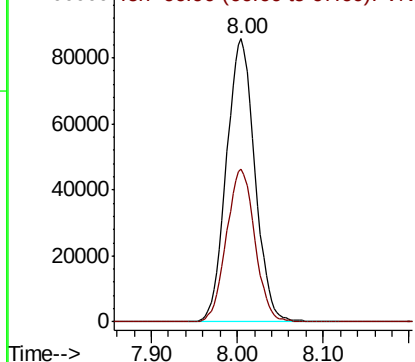


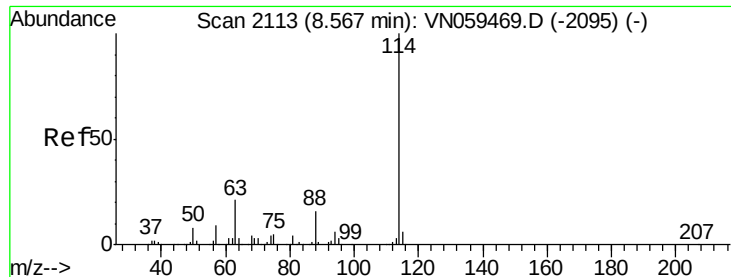
#33
 1,2-Dichloroethane-d4
 Concen: 49.135 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059481.D
 Acq: 4 Dec 2019 12:30

Tgt Ion: 65 Resp: 196866
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN0
 Ion 66.90 (66.60 to 67.60): VN0

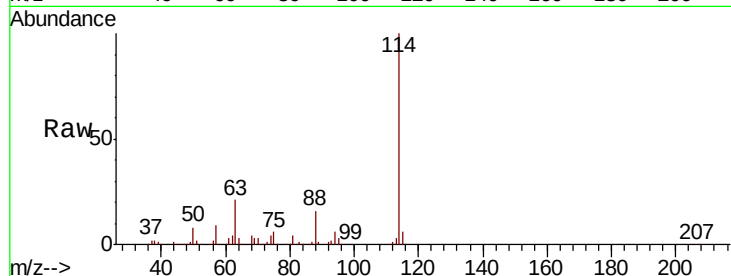




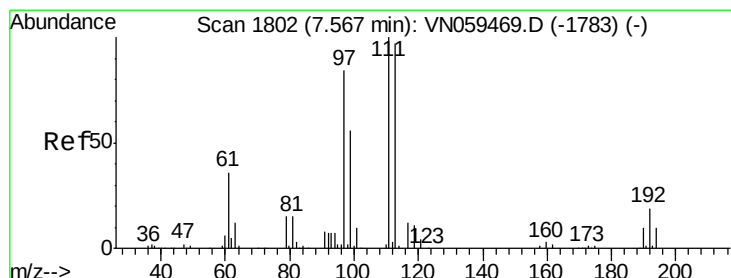
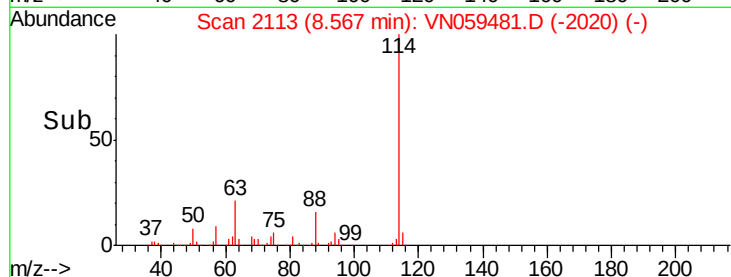
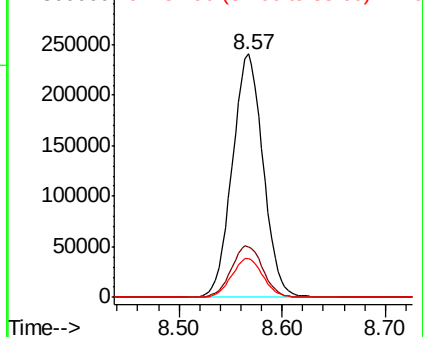
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059481.D
 Acq: 4 Dec 2019 12:30

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	42.4
88	16.0	0.0	32.8

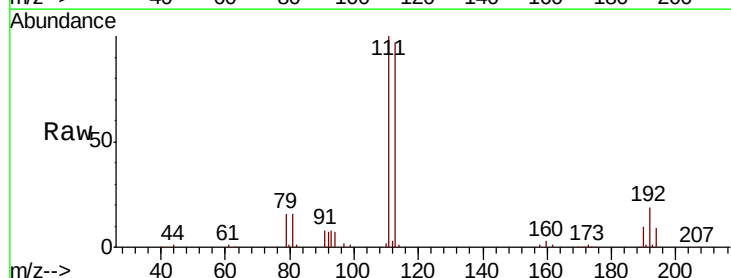


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

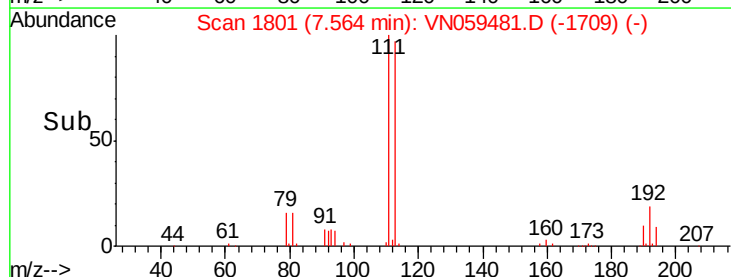
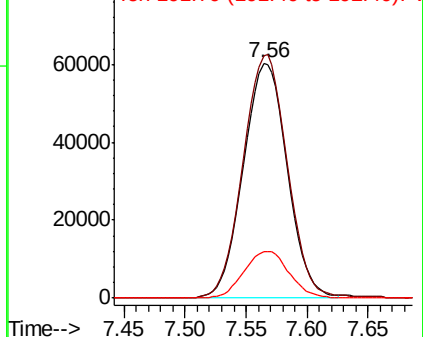


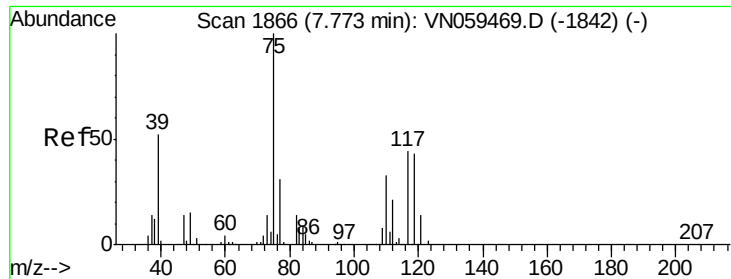
#35
 Dibromofluoromethane
 Concen: 48.267 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059481.D
 Acq: 4 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.7	82.5	123.7
192	20.3	16.1	24.1



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

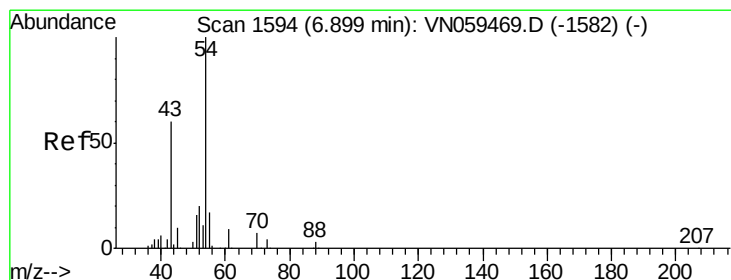
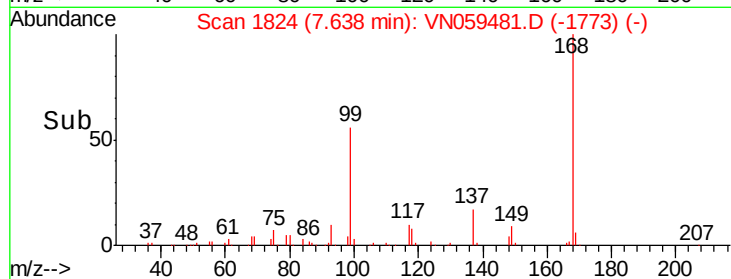
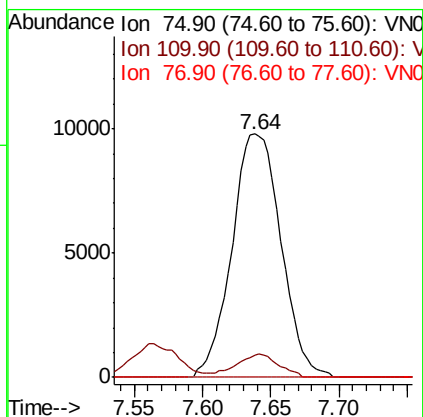
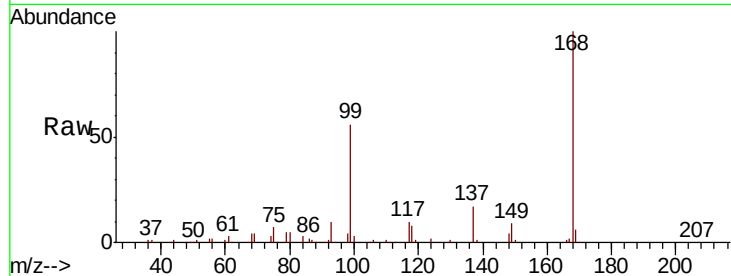




#36
 1,1-Dichloropropene
 Concen: 4.697 ug/l
 RT: 7.64 min Scan# 1824
 Delta R.T. -0.14 min
 Lab File: VN059481.D
 Acq: 4 Dec 2019 12:30

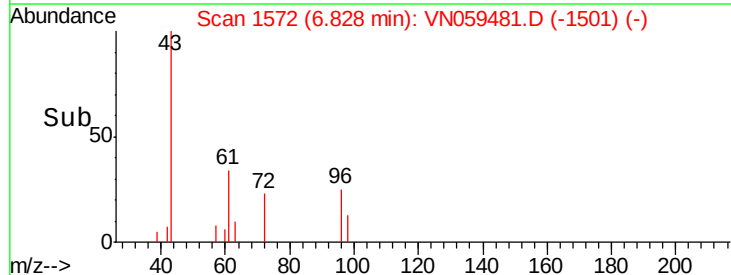
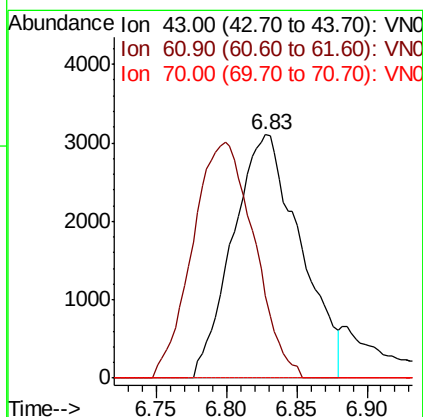
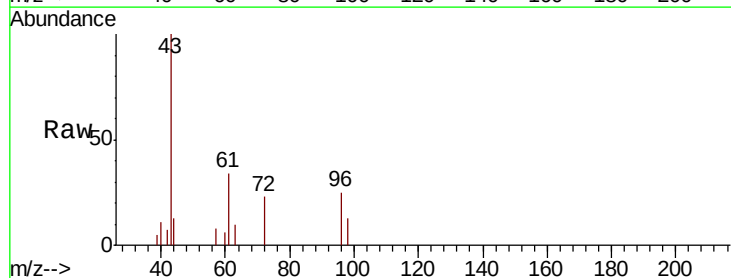
Instrument :
 MSVOA_N
 ClientSampled :

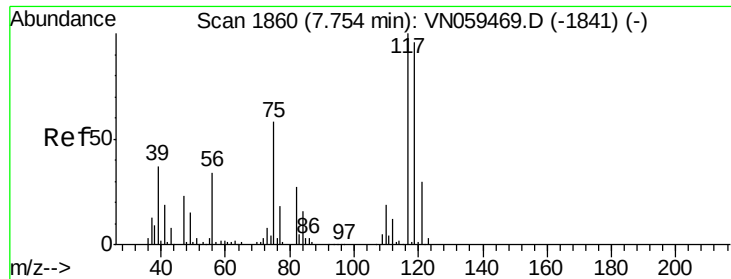
Tot Ion: 75 Resp: 24493
 Ion Ratio Lower Upper
 75 100
 110 8.2 16.9 50.7#
 77 0.0 25.1 37.7#



#37
 Ethyl Acetate
 Concen: 1.777 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. -0.07 min
 Lab File: VN059481.D
 Acq: 4 Dec 2019 12:30

Tgt Ion: 43 Resp: 10353
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.3 16.9#
 70 0.0 8.3 12.5#





#38

Carbon Tetrachloride

Concen: 6.046 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.11 min

Lab File: VN059481.D

Acq: 4 Dec 2019 12:30

Instrument :

MSVOA_N

ClientSampleId :

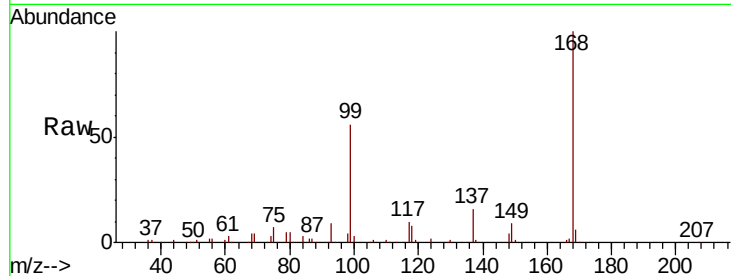
Tot Ion:117 Resp: 30326

Ion Ratio Lower Upper

117 100

119 5.3 76.6 114.8#

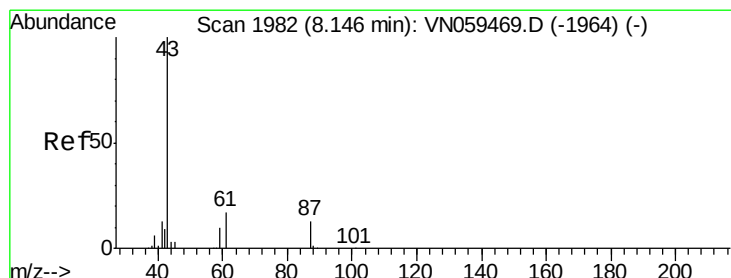
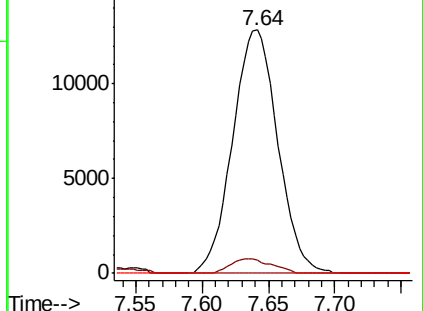
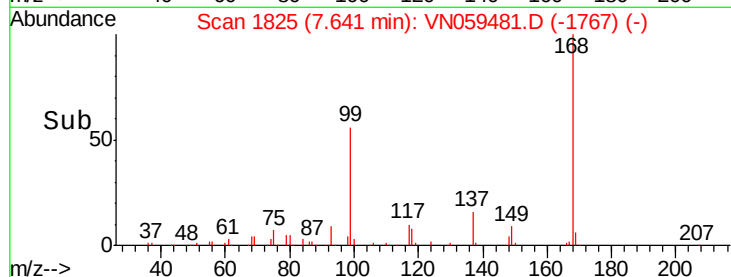
121 0.0 24.0 36.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 0.320 ug/l

RT: 8.22 min Scan# 2005

Delta R.T. 0.07 min

Lab File: VN059481.D

Acq: 4 Dec 2019 12:30

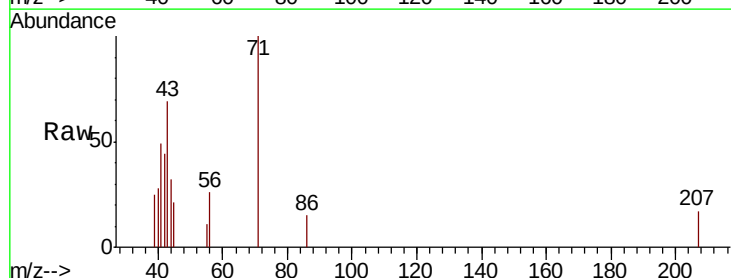
Tgt Ion: 43 Resp: 2769

Ion Ratio Lower Upper

43 100

61 0.0 21.0 31.6#

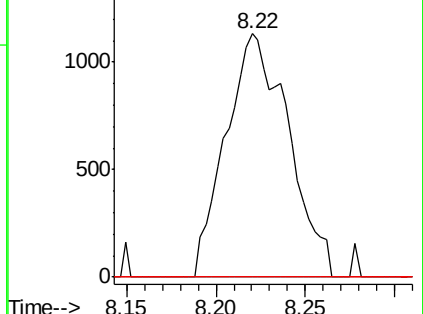
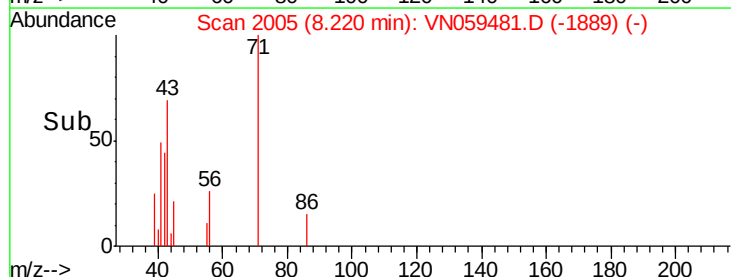
87 0.0 10.4 15.6#

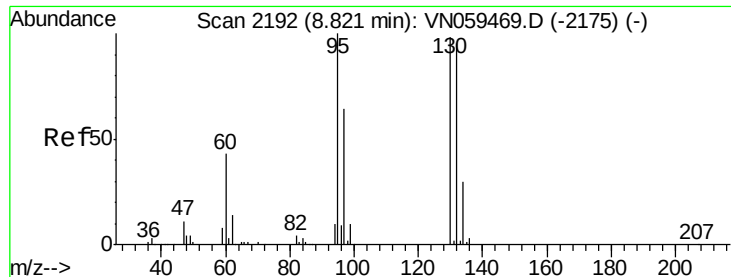


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#44

Trichloroethene

Concen: 115.508 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. -0.00 min

Lab File: VN059481.D

Acq: 4 Dec 2019 12:30

Instrument :

MSVOA_N

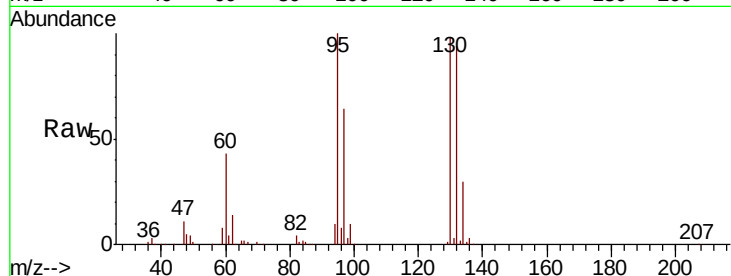
ClientSampled :

Tot Ion:130 Resp: 460976

Ion Ratio Lower Upper

130 100

95 102.5 0.0 203.6



Abundance Ion 129.80 (129.50 to 130.50): VN059469.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN059469.D (-2175) (-)

8.82

250000

200000

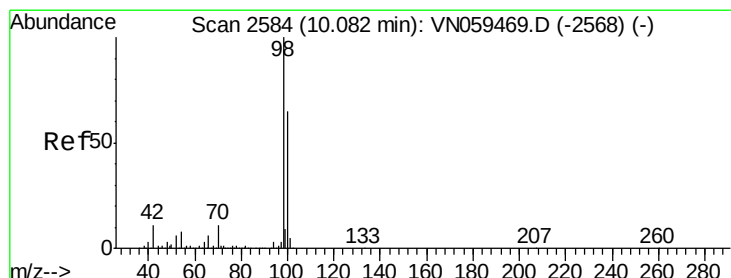
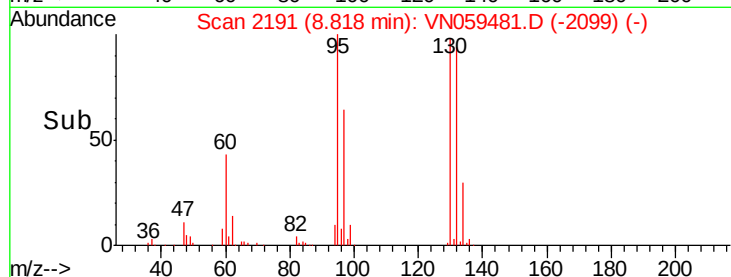
150000

100000

50000

0

Time-->



#50

Toluene-d8

Concen: 49.717 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059481.D

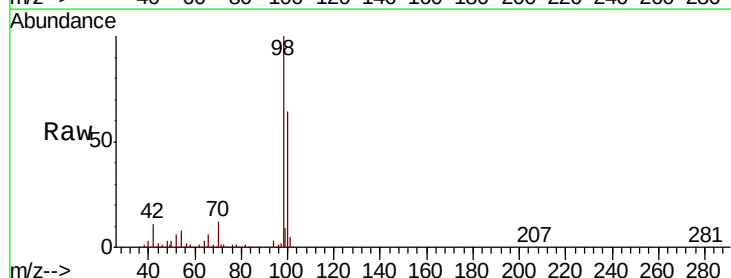
Acq: 4 Dec 2019 12:30

Tgt Ion: 98 Resp: 611846

Ion Ratio Lower Upper

98 100

100 64.9 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VN059469.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN059469.D (-2568) (-)

10.08

400000

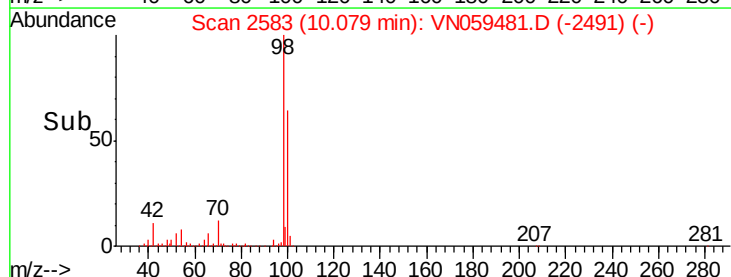
300000

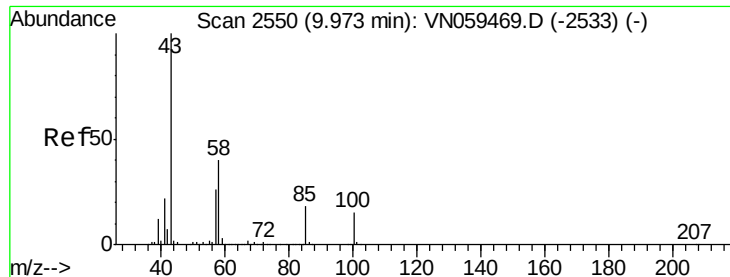
200000

100000

0

Time-->





#51

4-Methyl-2-Pentanone

Concen: 0.644 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.01 min

Lab File: VN059481.D

Acq: 4 Dec 2019 12:30

Instrument :

MSVOA_N

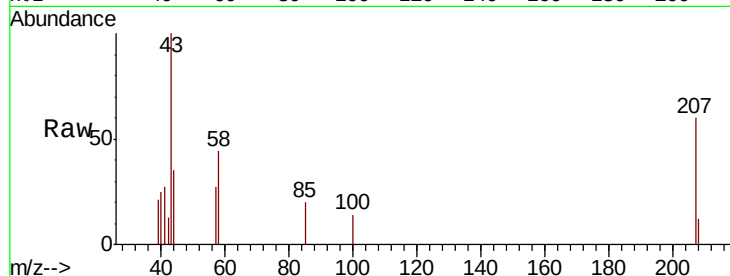
ClientSampled :

Tot Ion: 43 Resp: 3314

Ion Ratio Lower Upper

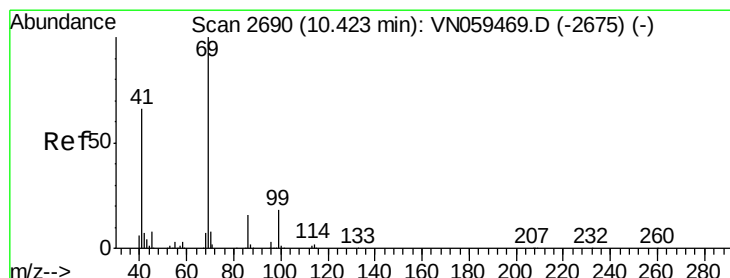
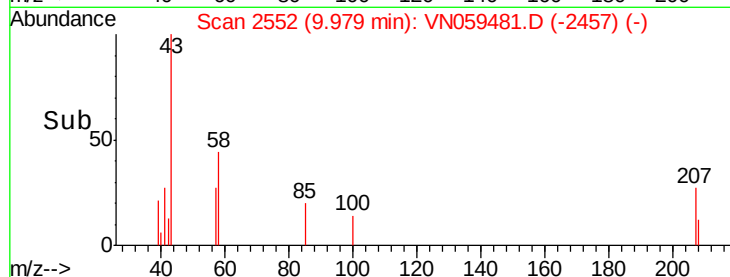
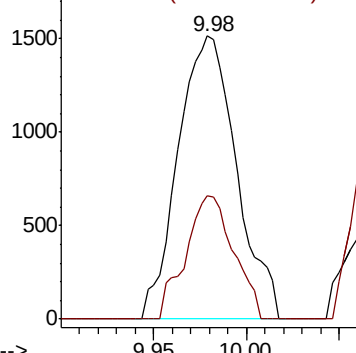
43 100

58 36.0 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#56

Ethyl methacrylate

Concen: 1.467 ug/l

RT: 10.43 min Scan# 2693

Delta R.T. 0.01 min

Lab File: VN059481.D

Acq: 4 Dec 2019 12:30

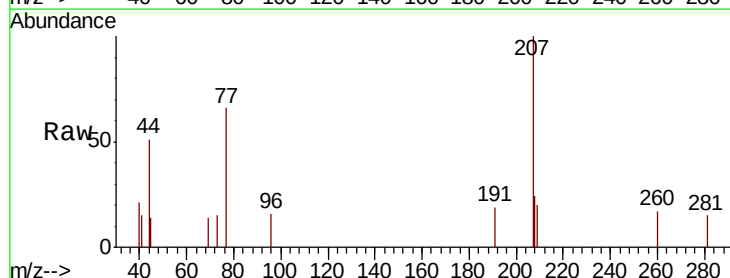
Tgt Ion: 69 Resp: 89

Ion Ratio Lower Upper

69 100

41 264.0 52.7 79.1#

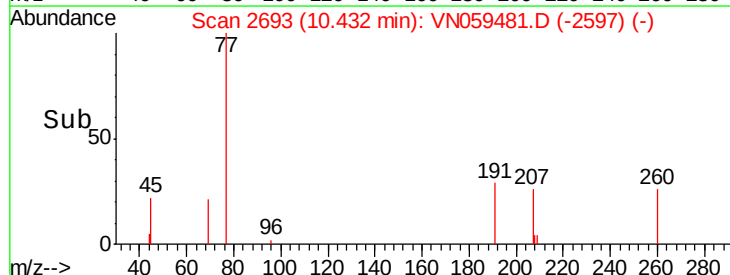
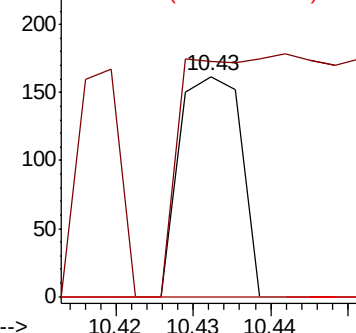
39 0.0 25.0 37.6#

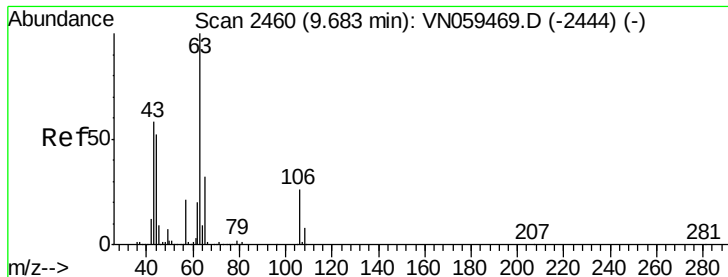


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#58

2-Chloroethyl Vinyl ether

Concen: 15.832 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.01 min

Lab File: VN059481.D

Acq: 4 Dec 2019 12:30

Instrument :

MSVOA_N

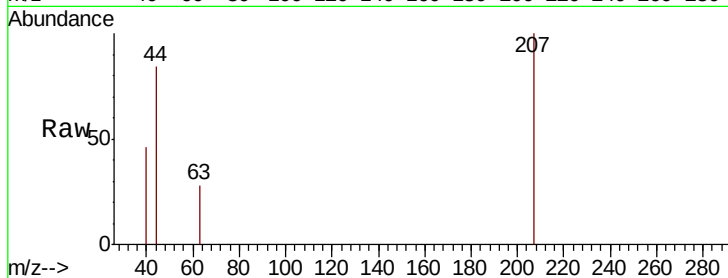
ClientSampleId :

Tot Ion: 63 Resp: 62

Ion Ratio Lower Upper

63 100

106 0.0 20.4 30.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.69

150

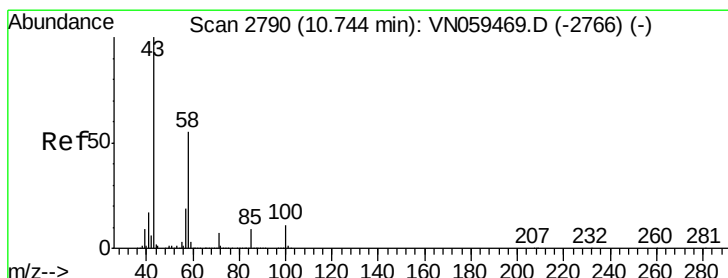
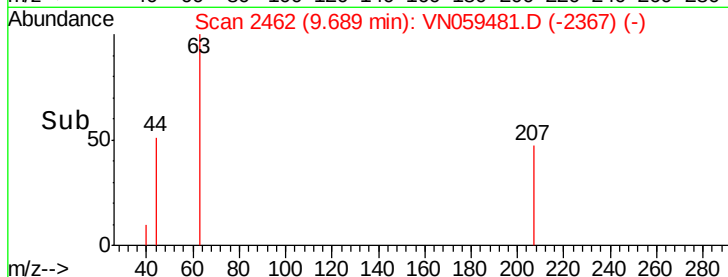
100

50

0

9.68 9.69 9.70

Time-->



#59

2-Hexanone

Concen: 0.638 ug/l

RT: 10.76 min Scan# 2794

Delta R.T. 0.01 min

Lab File: VN059481.D

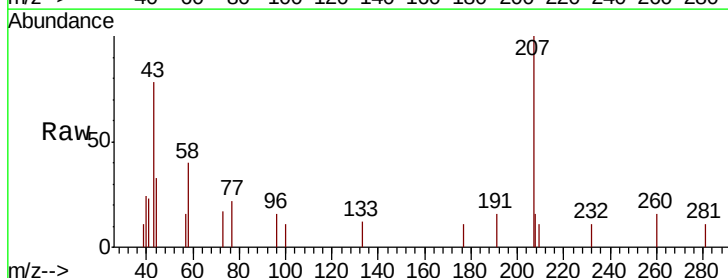
Acq: 4 Dec 2019 12:30

Tgt Ion: 43 Resp: 2470

Ion Ratio Lower Upper

43 100

58 45.2 27.7 83.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10.76

1200

1000

800

600

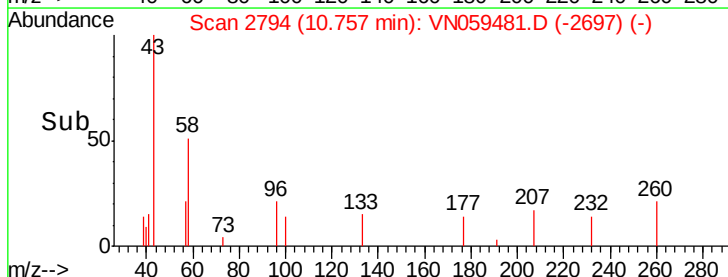
400

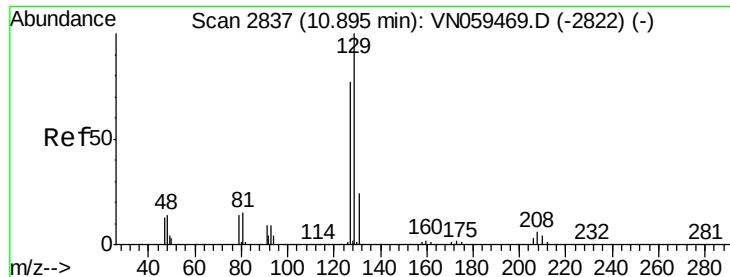
200

0

10.70 10.75 10.80

Time-->

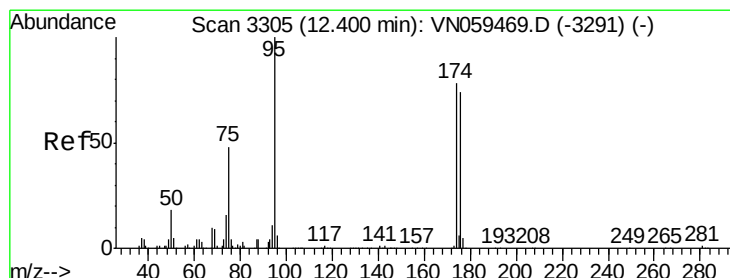
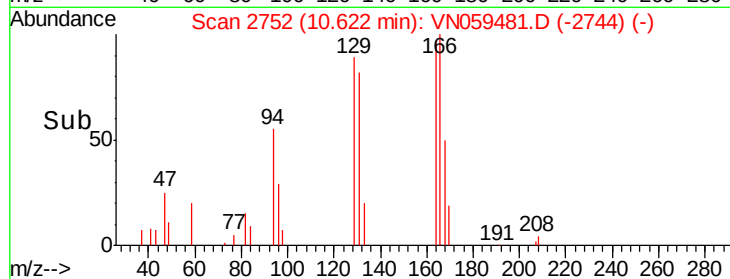
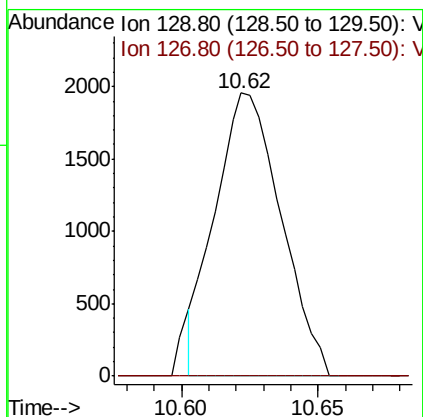
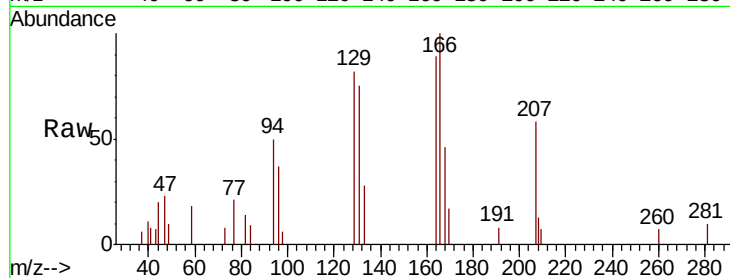




#60
 Dibromochloromethane
 Concen: 0.847 ug/l
 RT: 10.62 min Scan# 2752
 Delta R.T. -0.27 min
 Lab File: VN059481.D
 Acq: 4 Dec 2019 12:30

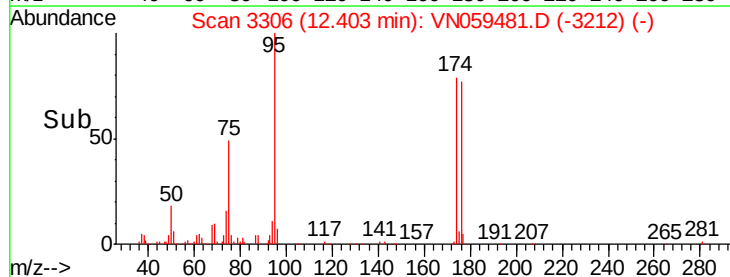
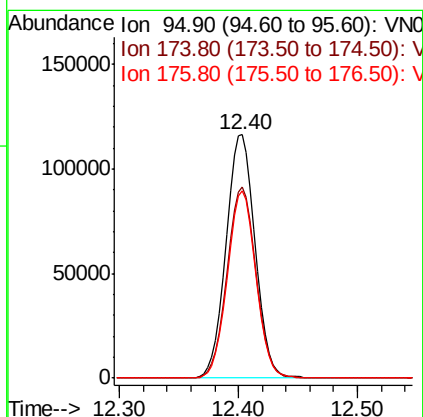
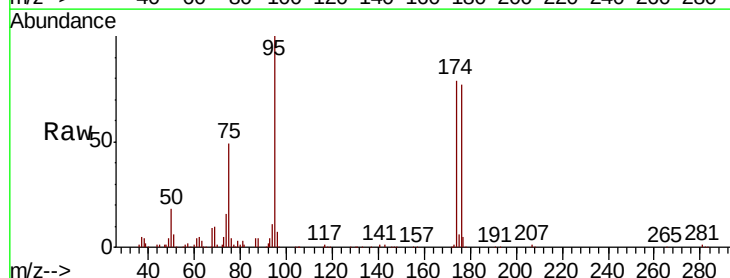
Instrument :
 MSVOA_N
 ClientSampleId :

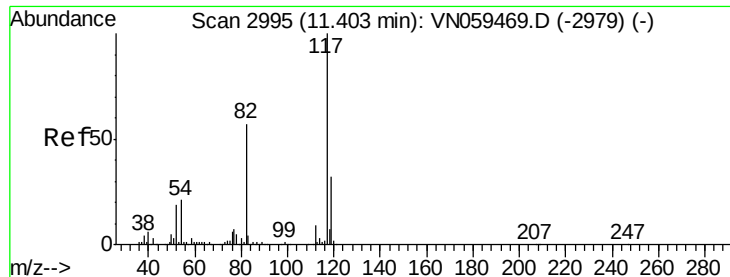
Tot Ion:129 Resp: 3291
 Ion Ratio Lower Upper
 129 100
 127 0.0 39.0 116.9#



#62
 4-Bromofluorobenzene
 Concen: 45.838 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN059481.D
 Acq: 4 Dec 2019 12:30

Tgt Ion: 95 Resp: 197003
 Ion Ratio Lower Upper
 95 100
 174 78.6 0.0 157.0
 176 75.5 0.0 152.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059481.D

Acq: 4 Dec 2019 12:30

Instrument :

MSVOA_N

ClientSampleId :

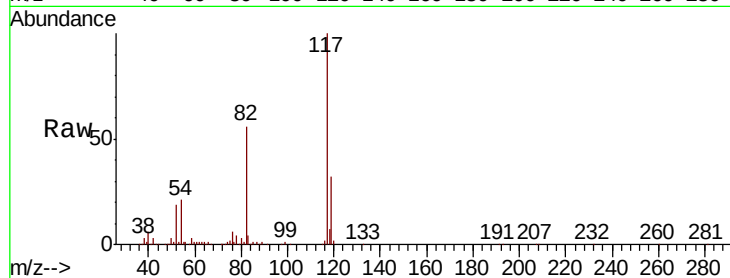
Tot Ion:117 Resp: 436859

Ion Ratio Lower Upper

117 100

82 56.1 45.8 68.8

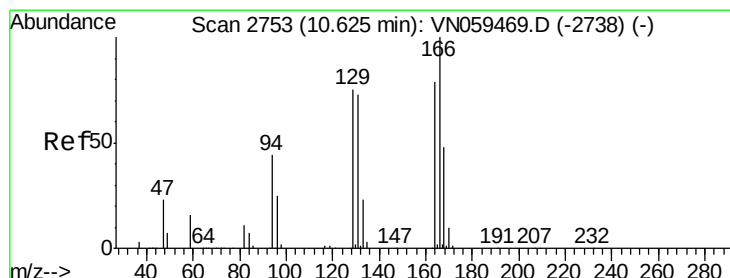
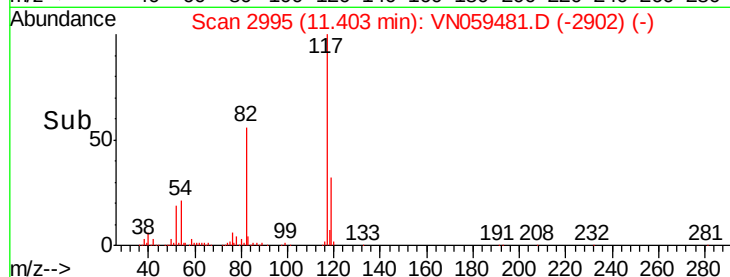
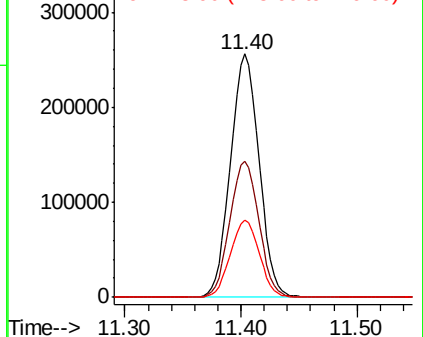
119 31.6 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 0.974 ug/l

RT: 10.63 min Scan# 2753

Delta R.T. -0.00 min

Lab File: VN059481.D

Acq: 4 Dec 2019 12:30

Tgt Ion:164 Resp: 3619

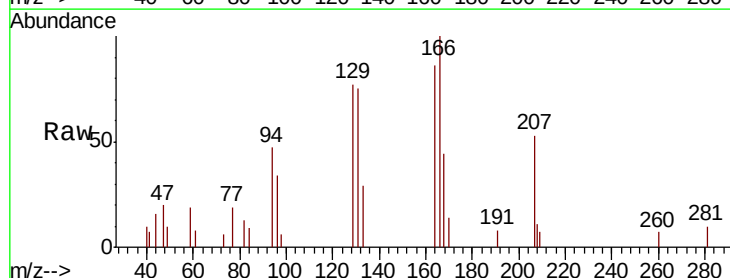
Ion Ratio Lower Upper

164 100

166 116.9 101.2 151.8

129 89.8 76.1 114.1

131 88.0 73.7 110.5

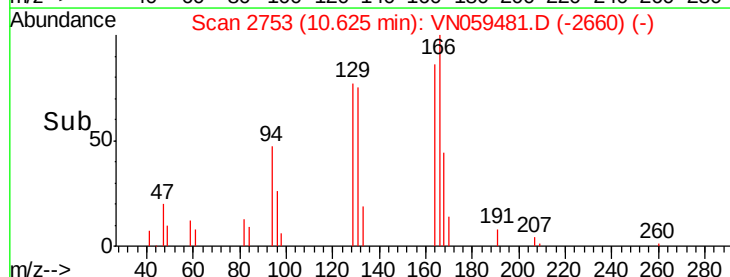
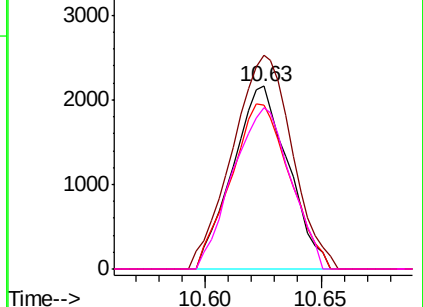


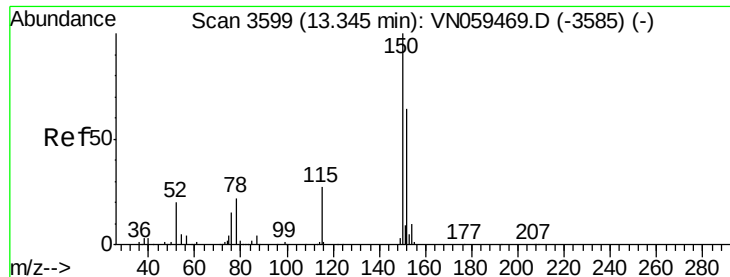
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



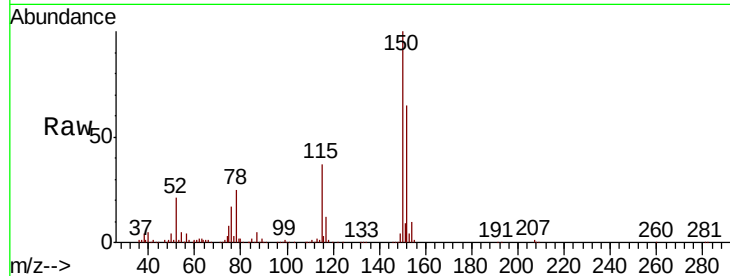


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN059481.D
Acq: 4 Dec 2019 12:30

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.1	29.2	87.6
150	155.8	0.0	352.8

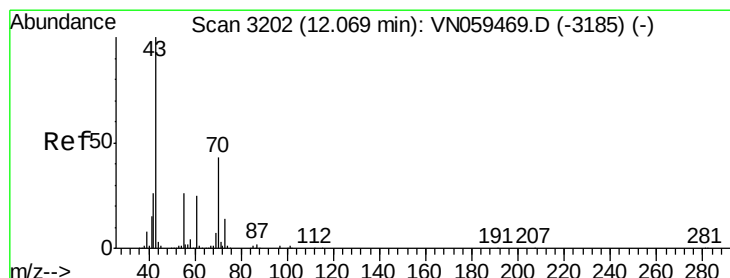
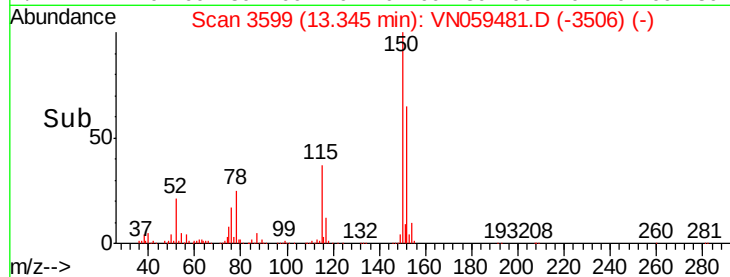
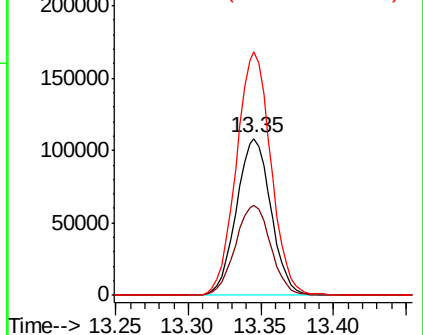


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

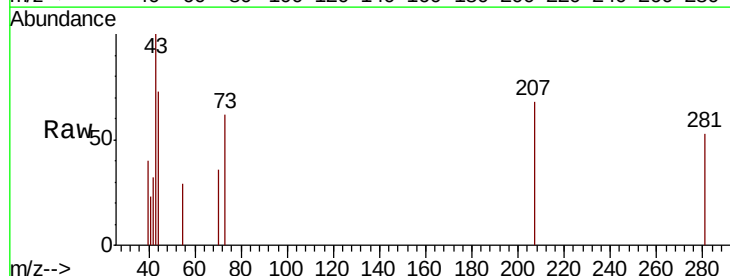
Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate
Concen: 0.246 ug/l
RT: 12.08 min Scan# 3204
Delta R.T. 0.01 min
Lab File: VN059481.D
Acq: 4 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
43	100		
70	22.2	34.2	51.2#
55	20.2	20.6	31.0#
61	0.0	19.3	28.9#



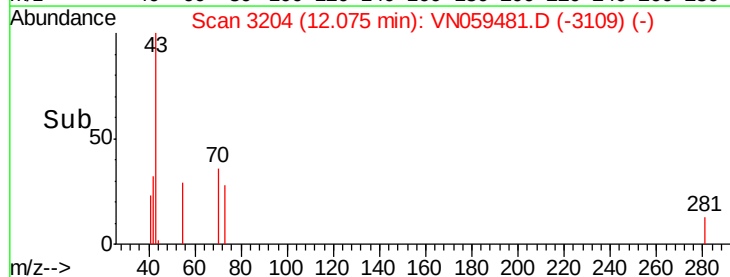
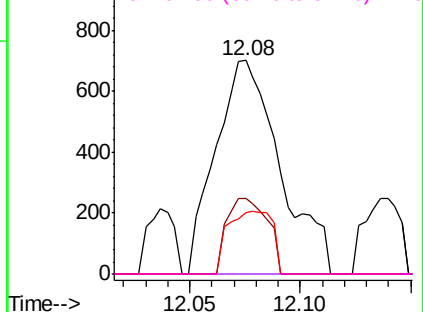
Abundance

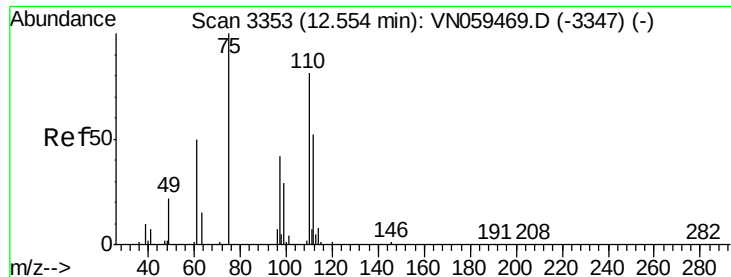
Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO





#76

1,2,3-Trichloropropane

Concen: 21.799 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN059481.D

Acq: 4 Dec 2019 12:30

Instrument :

MSVOA_N

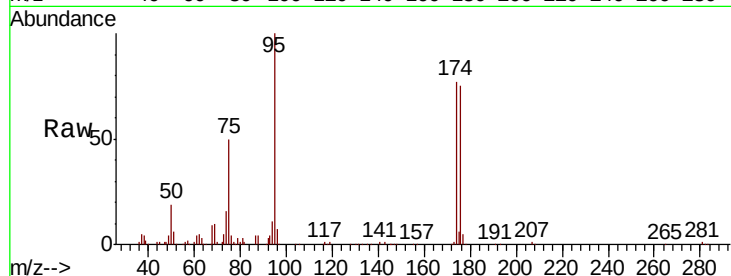
ClientSampleId :

Tot Ion: 75 Resp: 97244

Ion Ratio Lower Upper

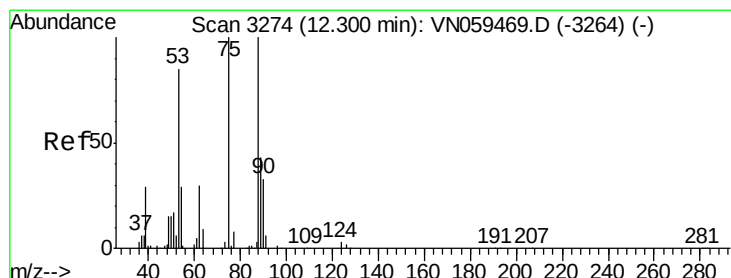
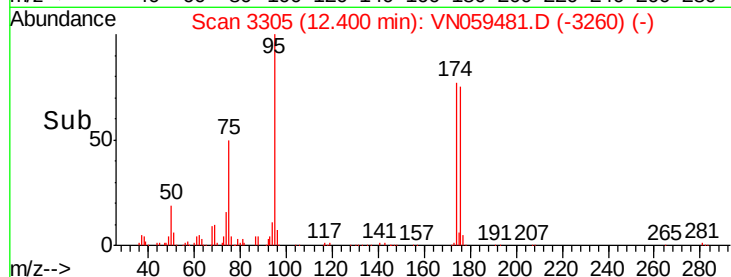
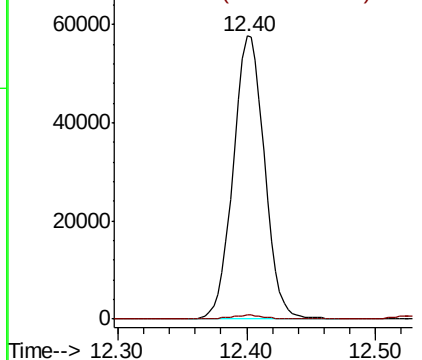
75 100

77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#81

trans-1,4-Dichloro-2-butene

Concen: 57.208 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN059481.D

Acq: 4 Dec 2019 12:30

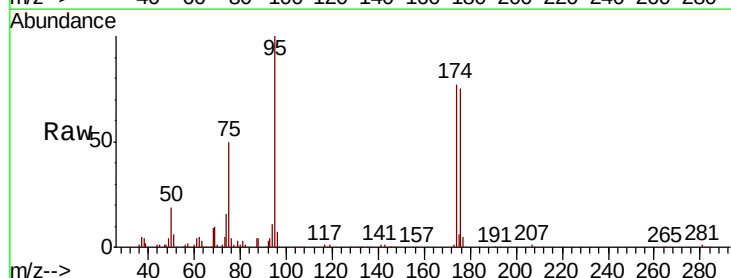
Tgt Ion: 75 Resp: 97244

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.6#

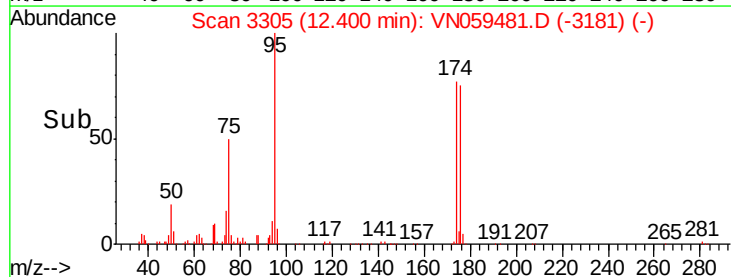
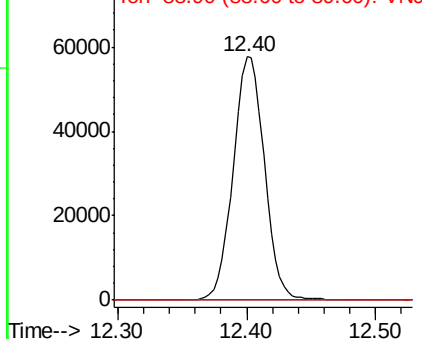
89 0.0 35.2 52.8#

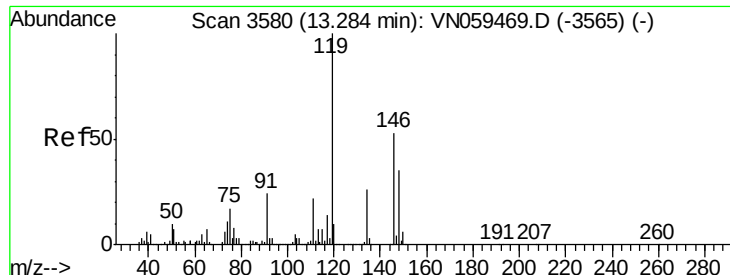


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

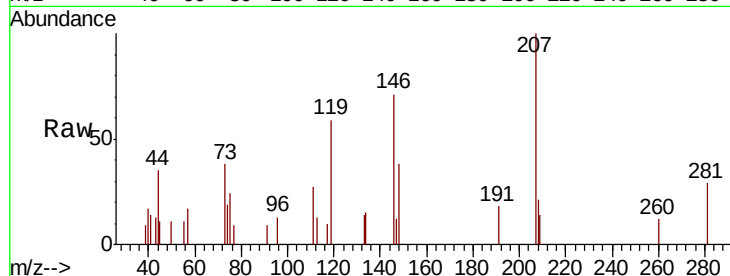




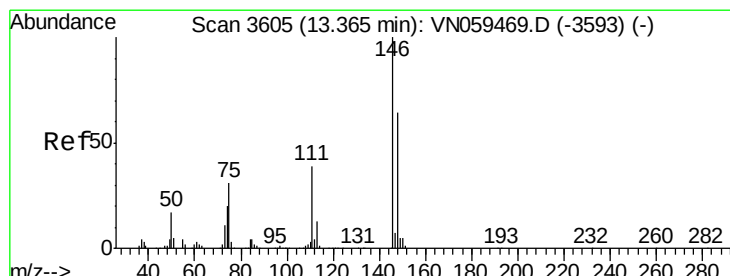
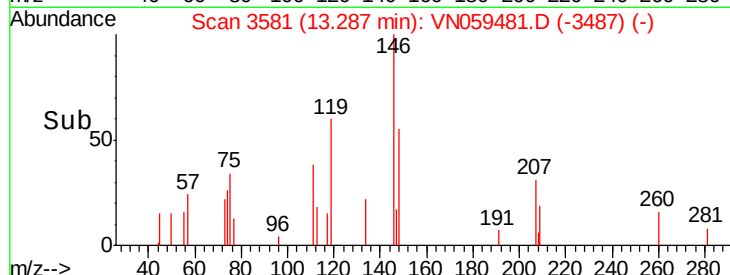
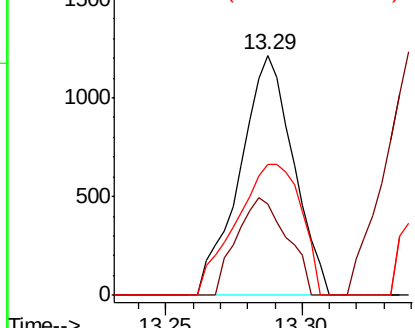
#87
 1,3-Dichlorobenzene
 Concen: 0.261 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN059481.D
 Acq: 4 Dec 2019 12:30

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:146 Resp: 1655
 Ion Ratio Lower Upper
 146 100
 111 38.5 20.4 61.3
 148 66.3 32.1 96.5

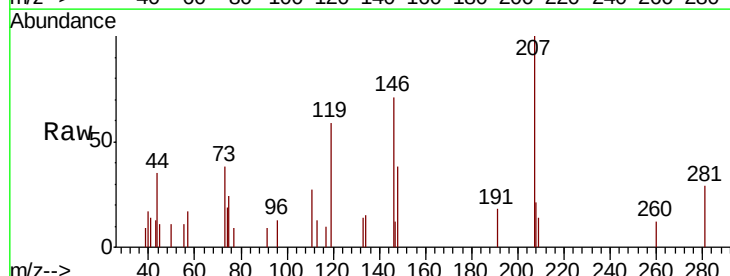


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

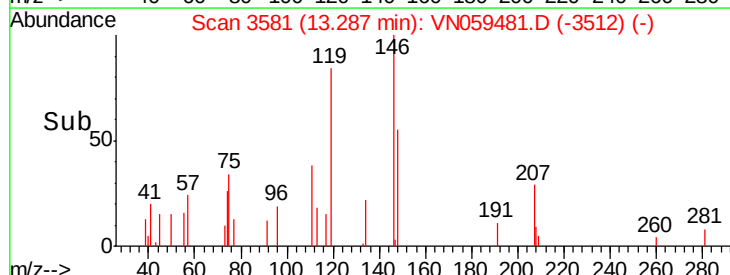
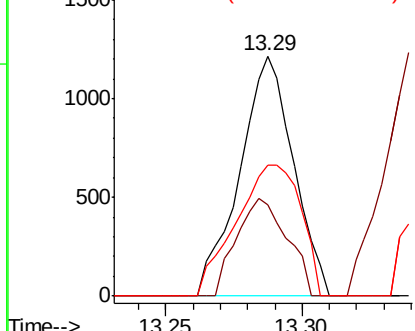


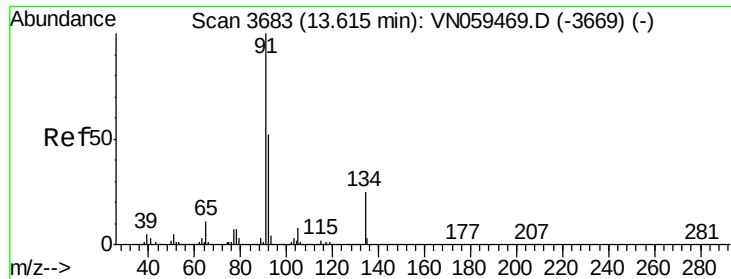
#88
 1,4-Dichlorobenzene
 Concen: 0.259 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.08 min
 Lab File: VN059481.D
 Acq: 4 Dec 2019 12:30

Tgt Ion:146 Resp: 1655
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.8 59.3
 148 66.3 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

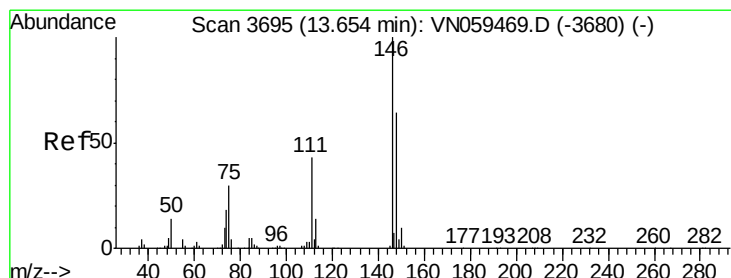
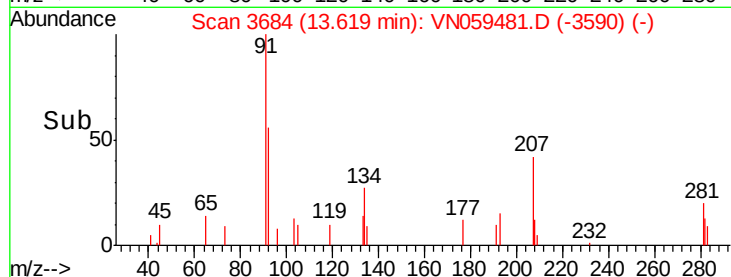
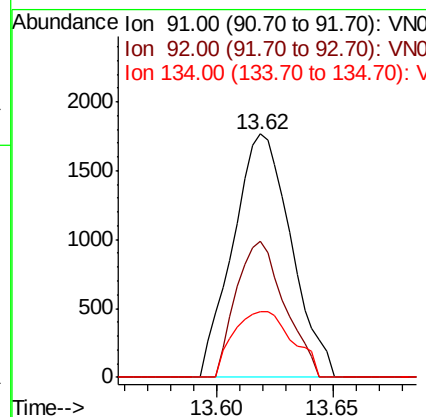
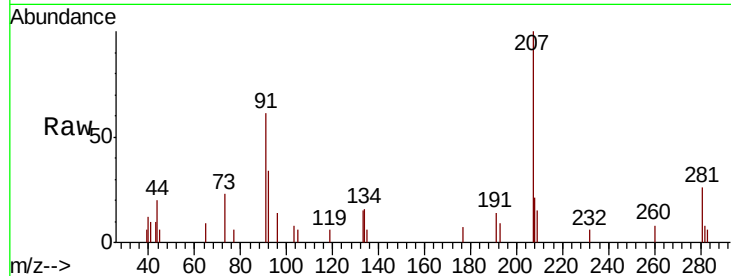




#89
n-Butylbenzene
Concen: 0.276 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN059481.D
Acq: 4 Dec 2019 12:30

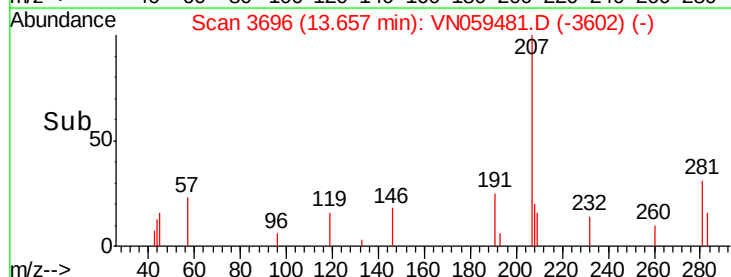
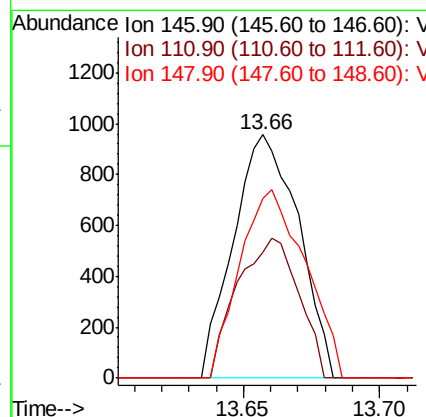
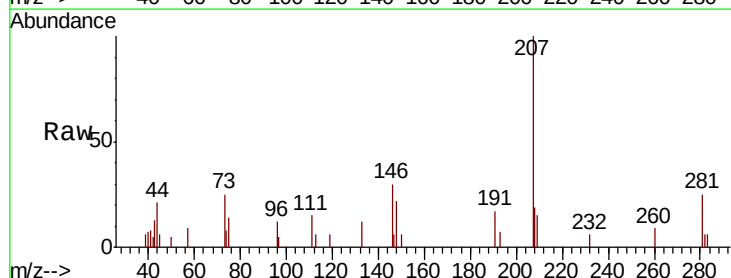
Instrument :
MSVOA_N
ClientSampled :

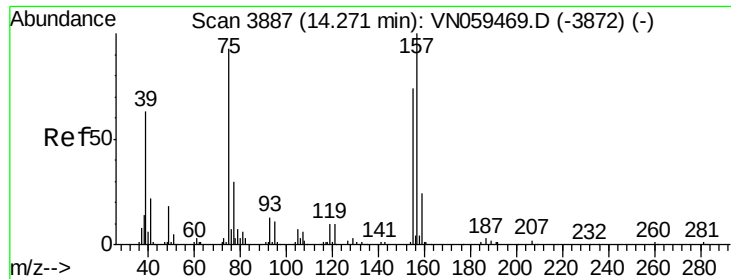
Tot Ion: 91 Resp: 3071
Ion Ratio Lower Upper
91 100
92 46.7 25.9 77.8
134 27.6 12.6 37.6



#91
1,2-Dichlorobenzene
Concen: 0.260 ug/l
RT: 13.66 min Scan# 3696
Delta R.T. 0.00 min
Lab File: VN059481.D
Acq: 4 Dec 2019 12:30

Tgt Ion: 146 Resp: 1582
Ion Ratio Lower Upper
146 100
111 54.4 21.3 63.7
148 78.2 32.2 96.6





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.850 ug/l

RT: 14.28 min Scan# 3890

Delta R.T. 0.01 min

Lab File: VN059481.D

Acq: 4 Dec 2019 12:30

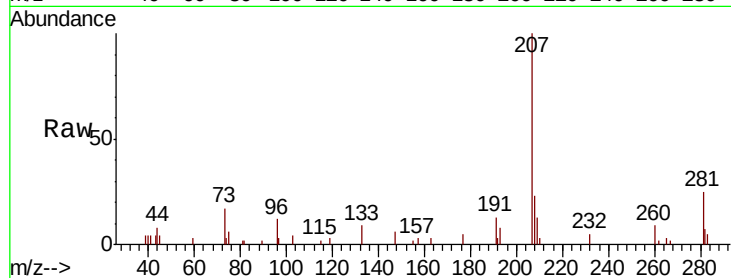
Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 75 Resp: 932

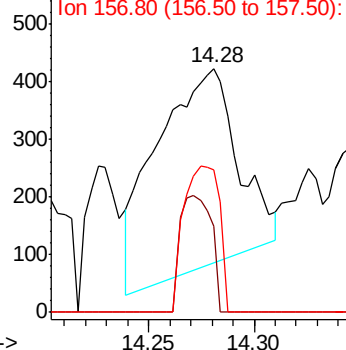
Ion	Ratio	Lower	Upper
75	100		
155	22.5	40.6	122.0#
157	32.0	52.9	158.7#



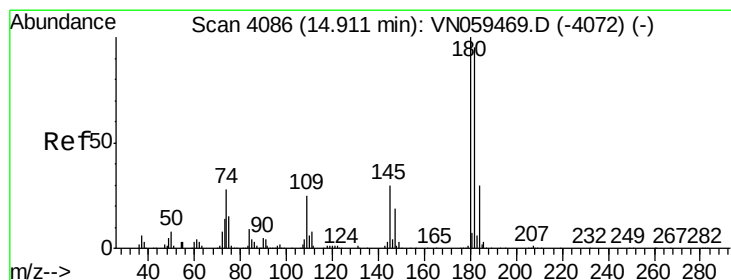
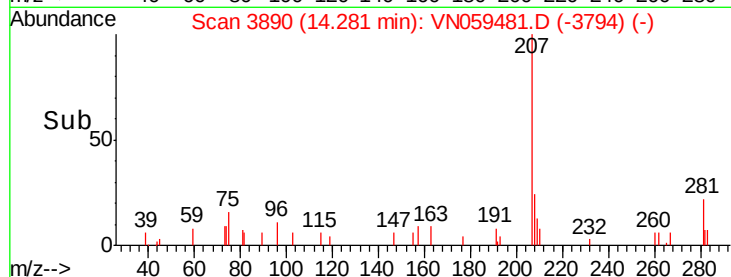
Abundance Ion 74.90 (74.60 to 75.60): VN059481.D (-3893) (-)

Ion 154.80 (154.50 to 155.50): VN059481.D (-3893) (-)

Ion 156.80 (156.50 to 157.50): VN059481.D (-3893) (-)



Time-->



#93

1,2,4-Trichlorobenzene

Concen: 1.053 ug/l

RT: 14.92 min Scan# 4088

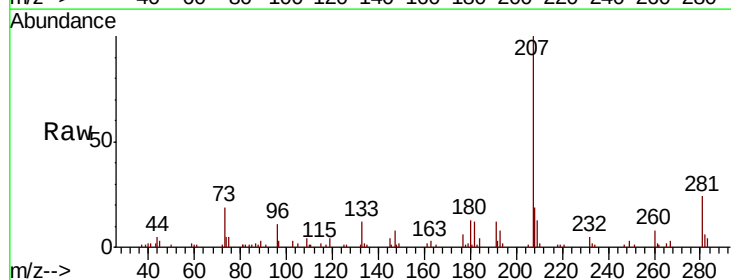
Delta R.T. 0.01 min

Lab File: VN059481.D

Acq: 4 Dec 2019 12:30

Tgt Ion: 180 Resp: 3906

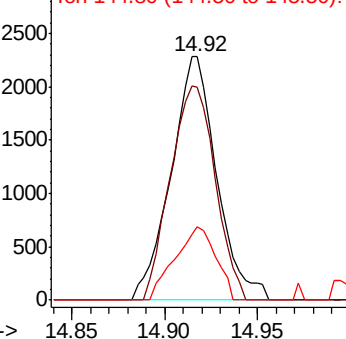
Ion	Ratio	Lower	Upper
180	100		
182	86.2	48.0	144.2
145	26.9	15.2	45.6



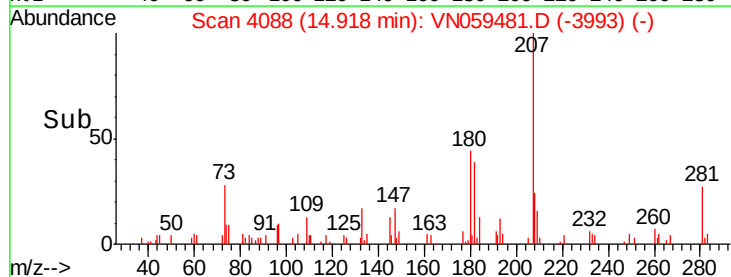
Abundance Ion 179.80 (179.50 to 180.50): VN059481.D (-3993) (-)

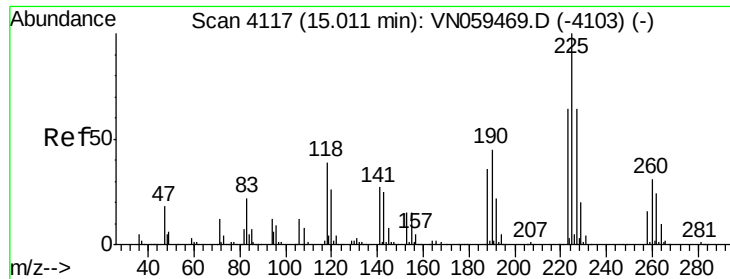
Ion 181.80 (181.50 to 182.50): VN059481.D (-3993) (-)

Ion 144.80 (144.50 to 145.50): VN059481.D (-3993) (-)



Time-->

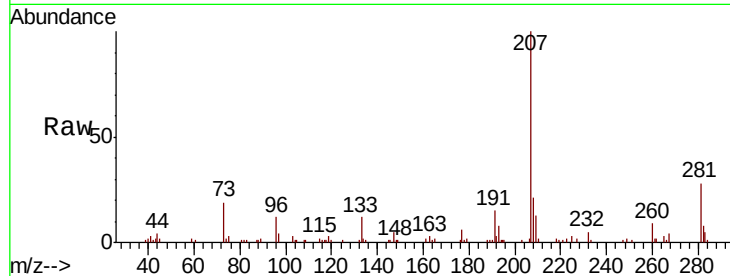




#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.01 min Scan# 4118
Delta R.T. 0.00 min
Lab File: VN059481.D
Acq: 4 Dec 2019 12:30

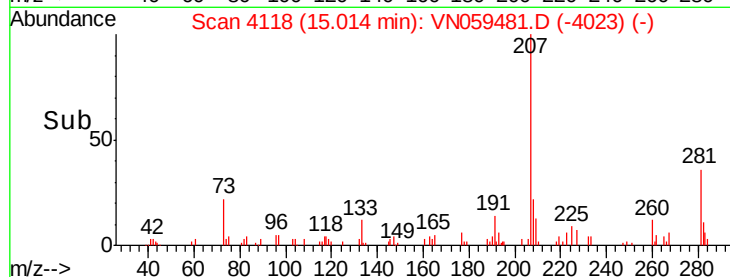
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:225 Resp: 928
Ion Ratio Lower Upper
225 100
223 62.3 31.9 95.5
227 58.6 32.0 96.2

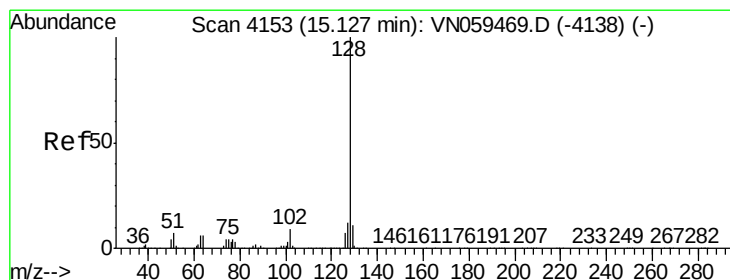


Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

15.01

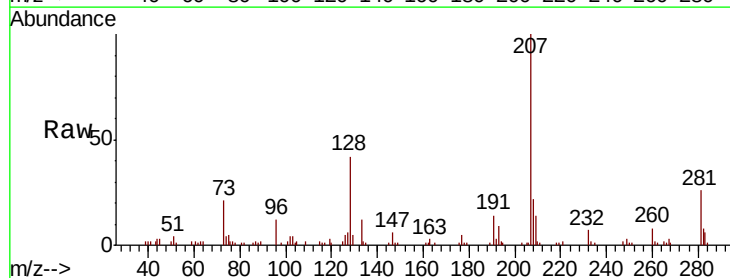


Time-->



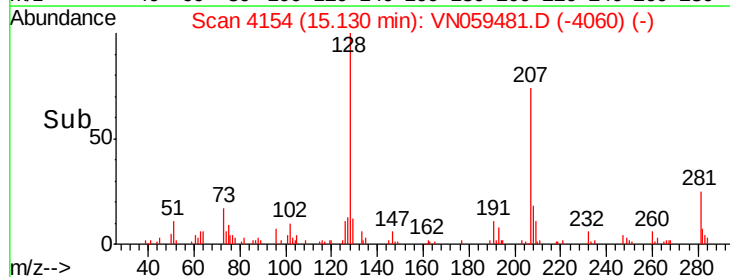
#95
Naphthalene
Concen: 3.920 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059481.D
Acq: 4 Dec 2019 12:30

Tgt Ion:128 Resp: 16038
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 11.4 8.8 13.2

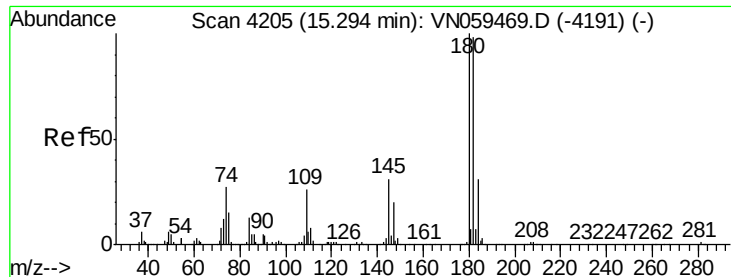


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

15.13



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 3.172 ug/l

RT: 15.29 min Scan# 4205

Delta R.T. 0.00 min

Lab File: VN059481.D

Acq: 4 Dec 2019 12:30

Instrument :

MSVOA_N

ClientSampleId :

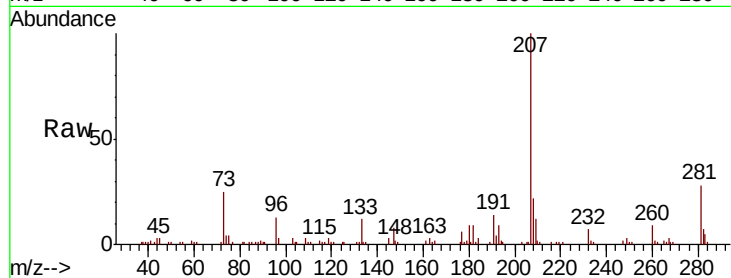
Tot Ion:180 Resp: 4680

Ion Ratio Lower Upper

180 100

182 88.7 48.5 145.5

145 20.3 16.1 48.2



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

