

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100219\
 Data File : VN058485.D
 Acq On : 2 Oct 2019 19:14
 Operator : JC/SP
 Sample : K5148-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-100119

Quant Time: Oct 03 05:13:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	383450	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	650611	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	564536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	212916	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	287309	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
35) Dibromofluoromethane	7.58	113	201595	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
50) Toluene-d8	10.09	98	811786	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
62) 4-Bromofluorobenzene	12.41	95	252803	44.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.52%	

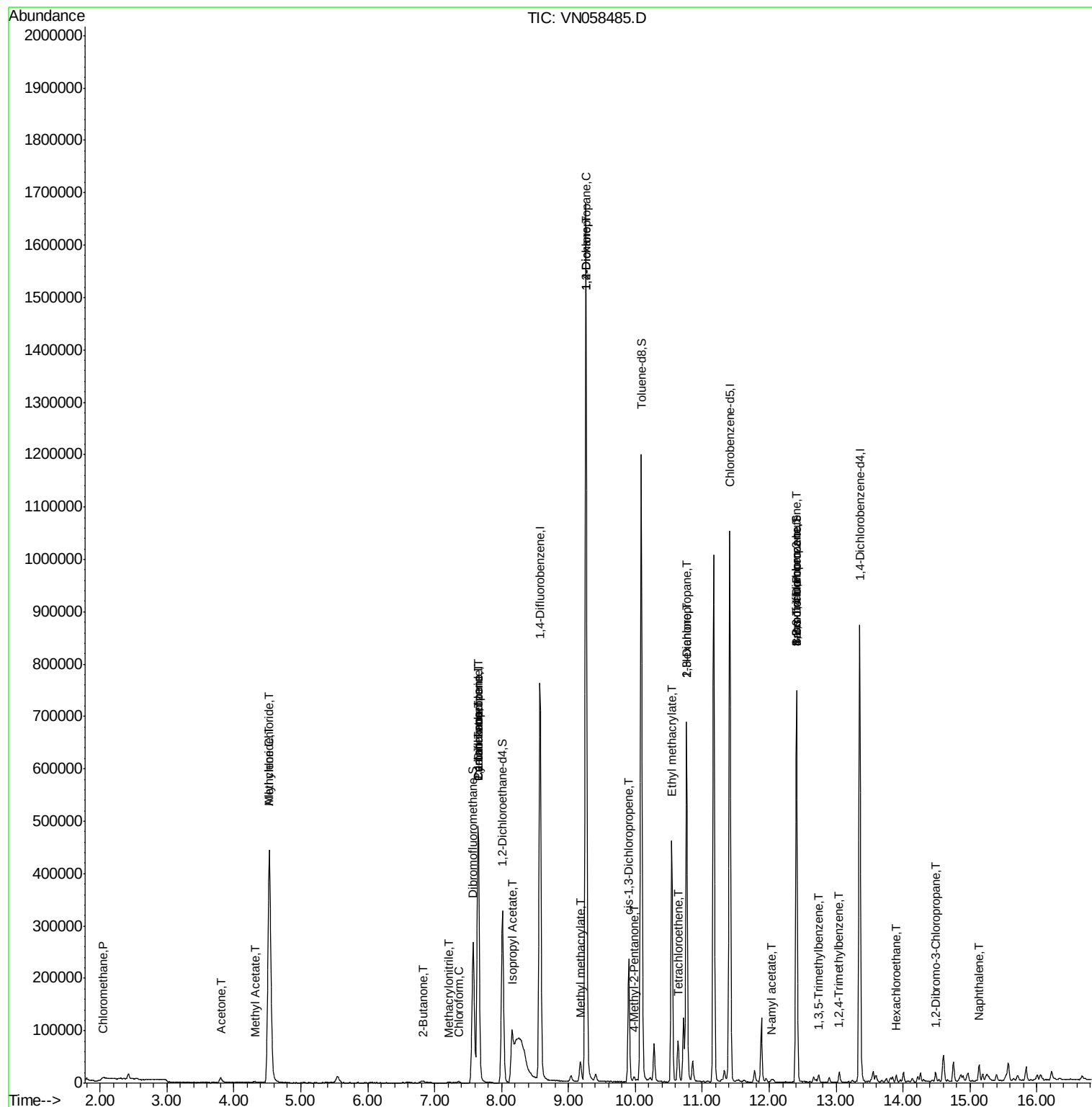
Target Compounds						Qvalue
3) Chloromethane	2.04	50	1154	0.250	ug/l #	75
14) Allyl chloride	4.54	41	11684	1.775	ug/l #	20
16) Acetone	3.80	43	15385	8.054	ug/l #	87
18) Methyl Acetate	4.31	43	4359	0.907	ug/l #	75
20) Methylene Chloride	4.53	84	325164	73.764	ug/l	99
25) 2-Butanone	6.84	43	1526	0.582	ug/l #	50
30) Chloroform	7.36	83	2052	0.254	ug/l	94
31) Cyclohexane	7.65	56	10460	1.349	ug/l #	18
36) 1,1-Dichloropropene	7.65	75	33787	5.431	ug/l #	48
38) Carbon Tetrachloride	7.65	117	40463	7.206	ug/l #	16
41) Methacrylonitrile	7.21	41	528	0.218	ug/l #	32
43) Isopropyl Acetate	8.16	43	137850	13.898	ug/l #	91
45) 1,2-Dichloropropane	9.26	63	1917	0.400	ug/l #	43
48) Methyl methacrylate	9.17	41	5683	1.258	ug/l #	13
49) 1,4-Dioxane	9.26	88	99	1.639	ug/l #	21
51) 4-Methyl-2-Pentanone	9.98	43	6874	1.349	ug/l #	86
54) cis-1,3-Dichloropropene	9.90	75	40264	5.791	ug/l #	67
56) Ethyl methacrylate	10.54	69	1839	0.296	ug/l #	1
57) 1,3-Dichloropropane	10.77	76	6638	0.908	ug/l #	43
59) 2-Hexanone	10.76	43	107123	28.876	ug/l #	52
60) Dibromochloromethane	10.90	129	100	Below Cal	#	11
64) Tetrachloroethene	10.63	164	1695	0.473	ug/l #	81
71) Bromoform	12.40	173	690	0.955	ug/l #	1
74) N-amyl acetate	12.04	43	4839	0.773	ug/l #	47
76) 1,2,3-Trichloropropane	12.41	75	140855	36.220	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	7599	0.577	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.41	75	140855	110.003	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.05	105	11093	0.841	ug/l	97
90) Hexachloroethane	13.90	117	1002	0.518	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	14.49	75	171	0.208	ug/l #	5
95) Naphthalene	15.14	128	22851	2.169	ug/l	97

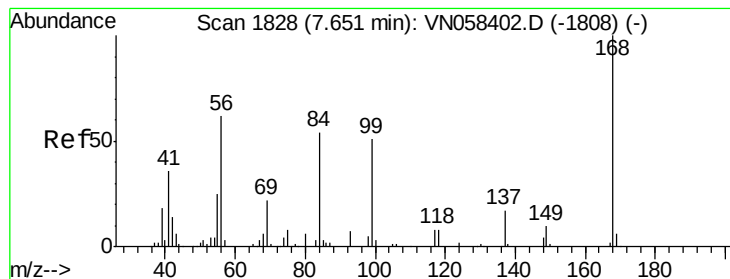
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN058485.D

Acq: 2 Oct 2019 19:14

Instrument :

MSVOA_N

ClientSampleId :

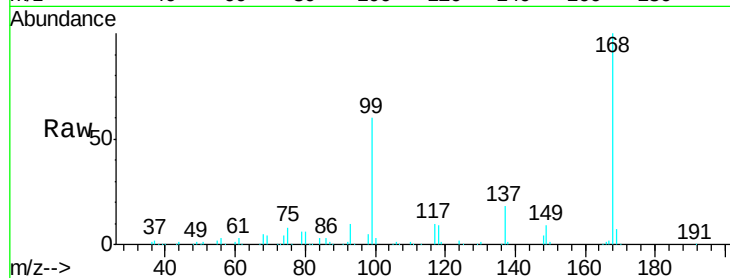
OR-02-100119

Tgt Ion:168 Resp: 383450

Ion Ratio Lower Upper

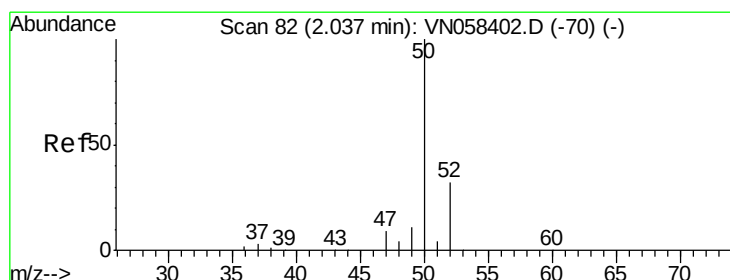
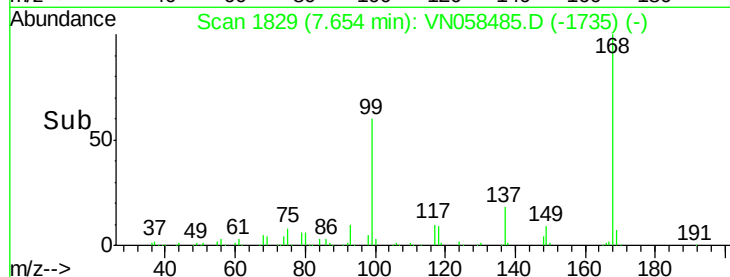
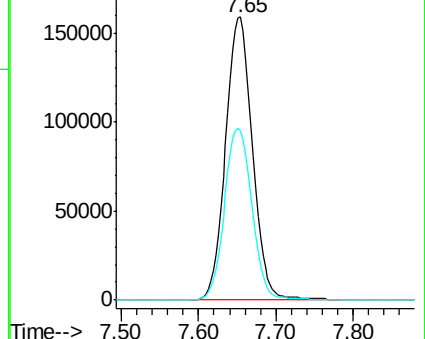
168 100

99 59.7 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: 0.250 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN058485.D

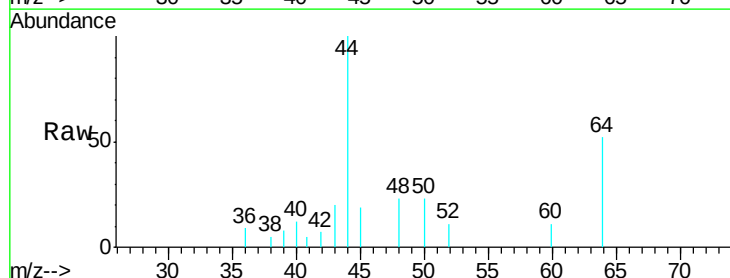
Acq: 2 Oct 2019 19:14

Tgt Ion: 50 Resp: 1154

Ion Ratio Lower Upper

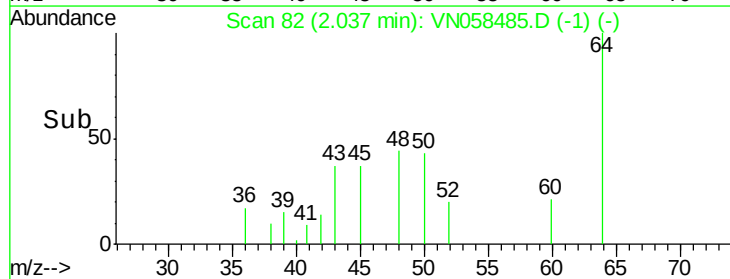
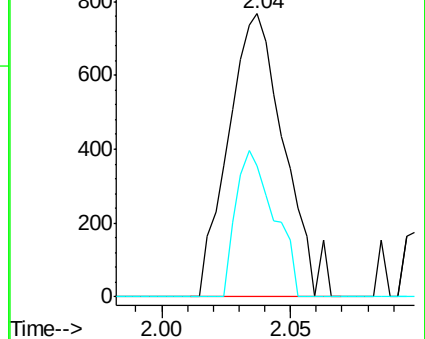
50 100

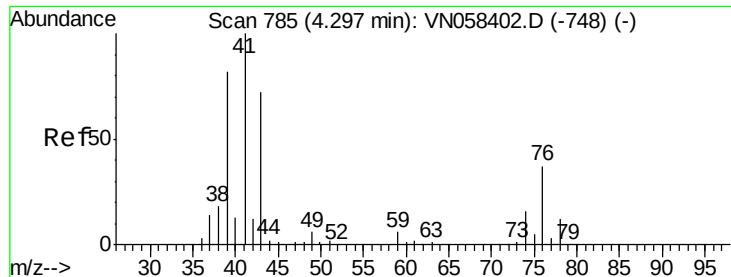
52 46.4 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

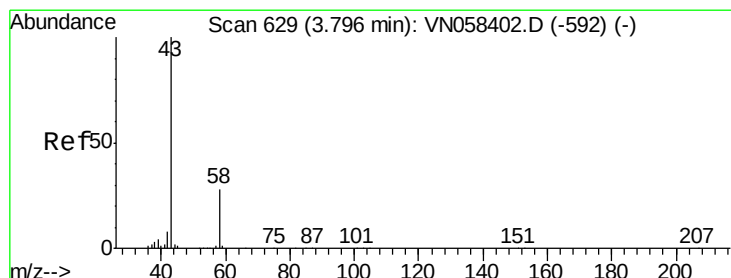
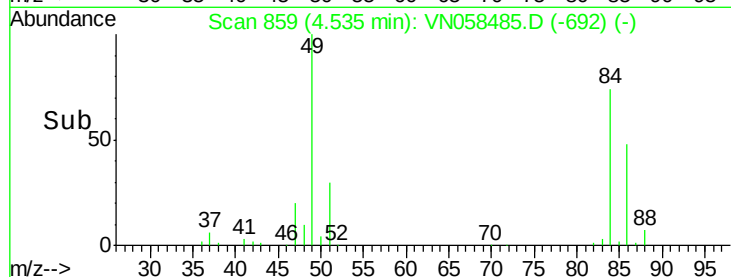
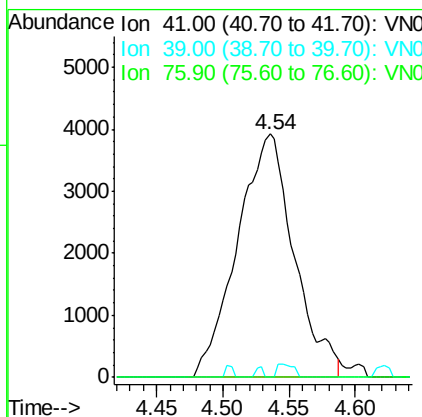
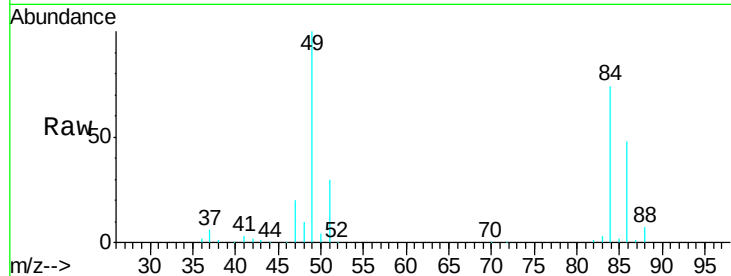




#14
 Allyl chloride
 Concen: 1.775 ug/l
 RT: 4.54 min Scan# 859
 Delta R.T. 0.24 min
 Lab File: VN058485.D
 Acq: 2 Oct 2019 19:14

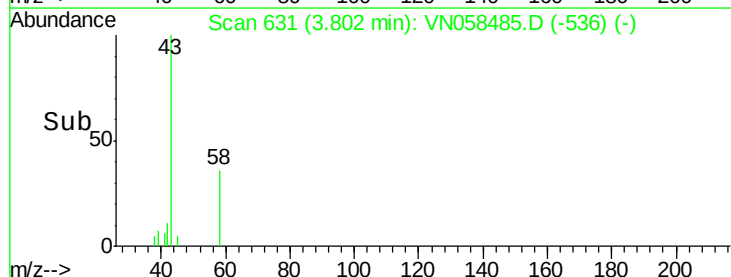
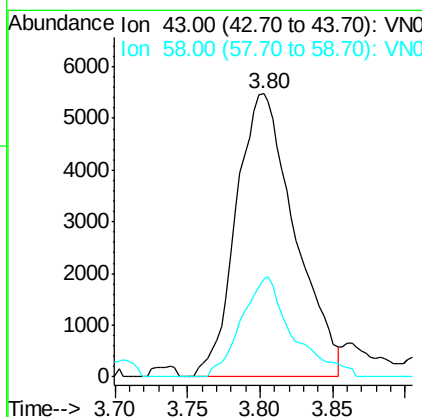
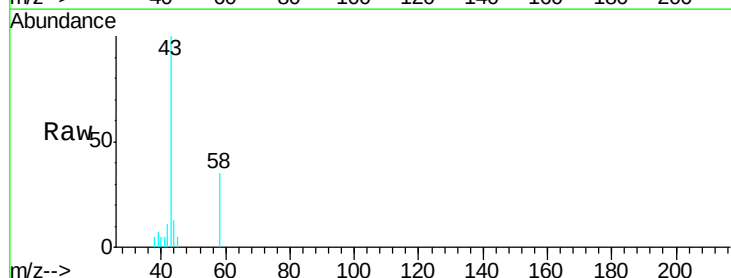
Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-100119

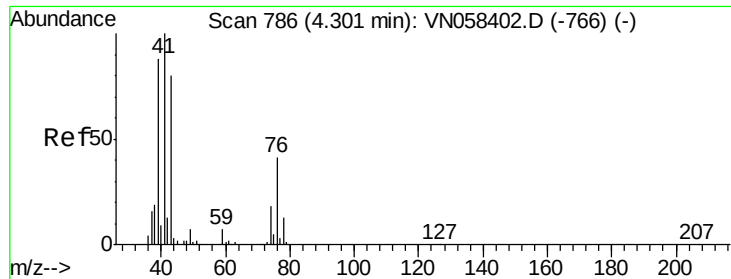
Tgt Ion: 41 Resp: 11684
 Ion Ratio Lower Upper
 41 100
 39 0.5 62.3 93.5#
 76 0.0 26.9 40.3#



#16
 Acetone
 Concen: 8.054 ug/l
 RT: 3.80 min Scan# 631
 Delta R.T. 0.01 min
 Lab File: VN058485.D
 Acq: 2 Oct 2019 19:14

Tgt Ion: 43 Resp: 15385
 Ion Ratio Lower Upper
 43 100
 58 34.7 22.4 33.6#

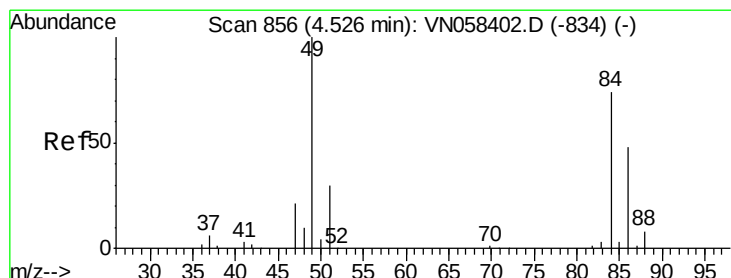
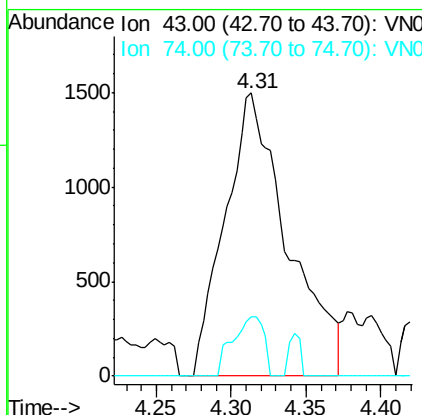
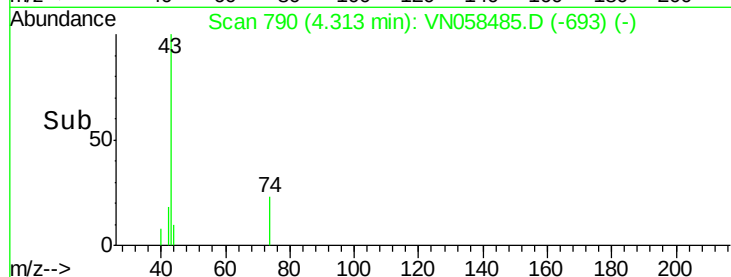
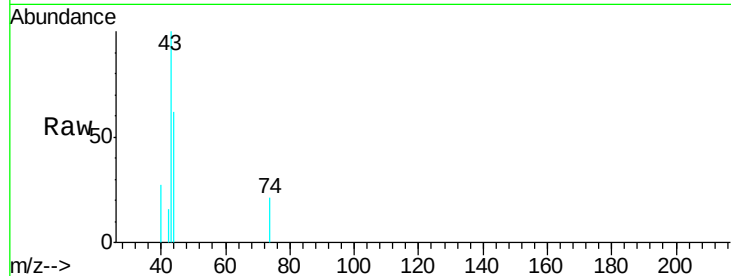




#18
Methyl Acetate
Concen: 0.907 ug/l
RT: 4.31 min Scan# 790
Delta R.T. 0.01 min
Lab File: VN058485.D
Acq: 2 Oct 2019 19:14

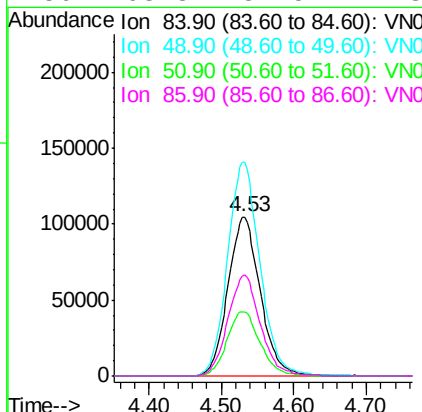
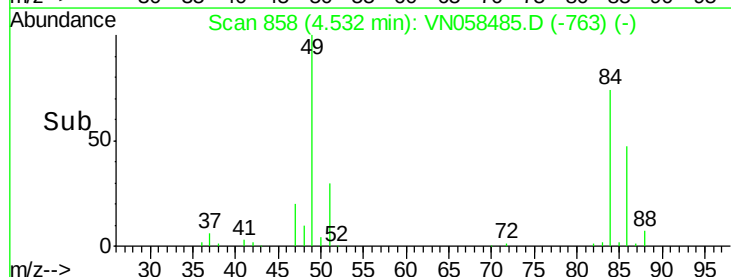
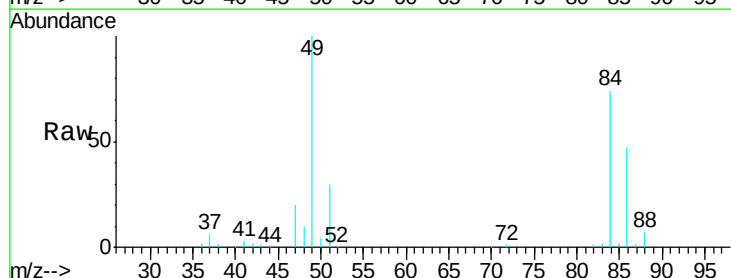
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MSVOA_N
ClientSampleId :
OR-02-100119

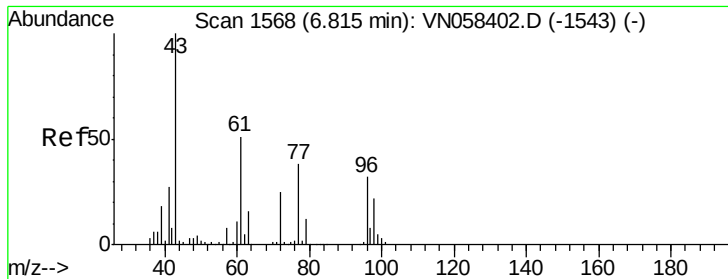
Tgt Ion: 43 Resp: 4359
Ion Ratio Lower Upper
43 100
74 10.5 18.0 27.0#



#20
Methylene Chloride
Concen: 73.764 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN058485.D
Acq: 2 Oct 2019 19:14

Tgt Ion: 84 Resp: 325164
Ion Ratio Lower Upper
84 100
49 134.3 107.9 161.9
51 40.6 32.8 49.2
86 63.3 51.5 77.3





#25

2-Butanone

Concen: 0.582 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.02 min

Lab File: VN058485.D

Acq: 2 Oct 2019 19:14

Instrument :

MSVOA_N

ClientSampleId :

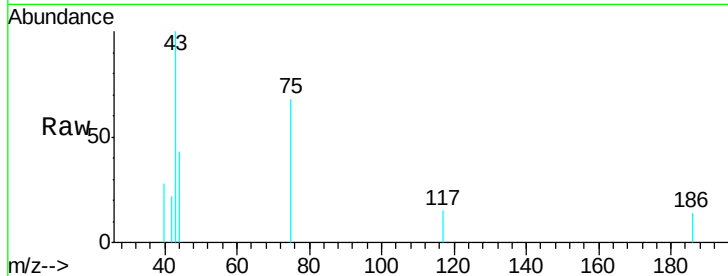
OR-02-100119

Tgt Ion: 43 Resp: 1526

Ion Ratio Lower Upper

43 100

72 0.0 20.2 30.4#



Abundance Ion 43.00 (42.70 to 43.70): VN058402.D (-1543) (-)

Ion 72.00 (71.70 to 72.70): VN058402.D (-1543) (-)

6.84

1200

1000

800

600

400

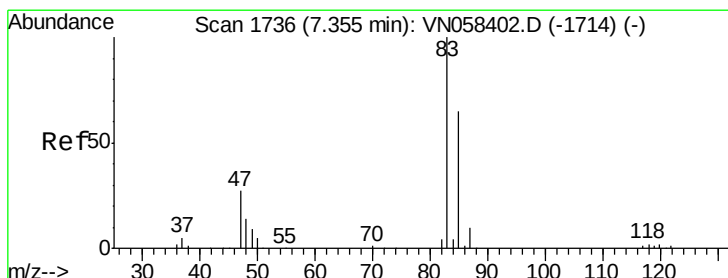
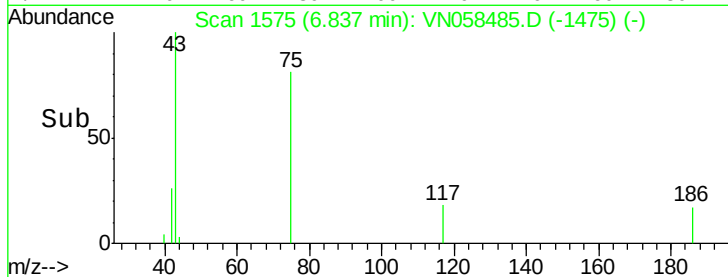
200

0

6.80

6.85

Time-->



#30

Chloroform

Concen: 0.254 ug/l

RT: 7.36 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VN058485.D

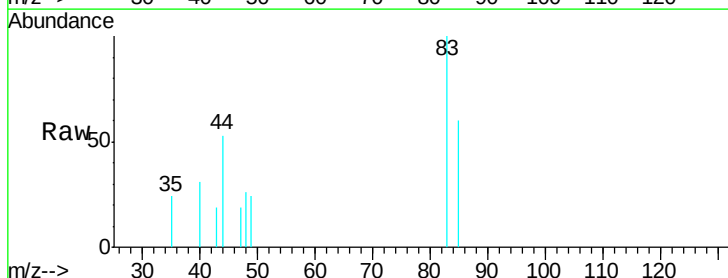
Acq: 2 Oct 2019 19:14

Tgt Ion: 83 Resp: 2052

Ion Ratio Lower Upper

83 100

85 60.1 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VN058402.D (-1714) (-)

Ion 84.90 (84.60 to 85.60): VN058402.D (-1714) (-)

7.36

1000

800

600

400

200

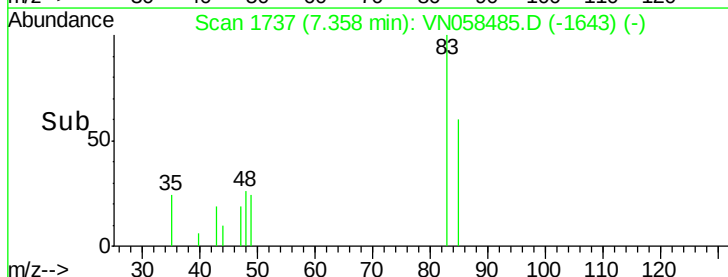
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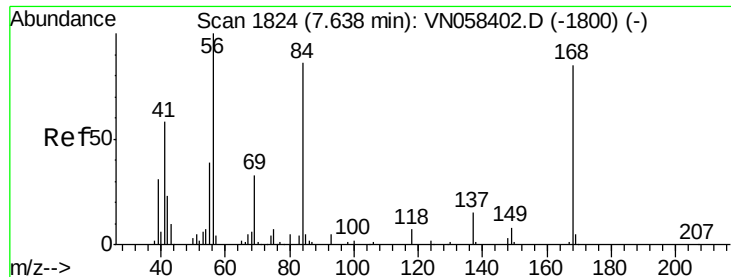
7.30

7.35

7.40

Time-->





#31

Cyclohexane

Concen: 1.349 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.01 min

Lab File: VN058485.D

Acq: 2 Oct 2019 19:14

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MSVOA_N

ClientSampleId :

OR-02-100119

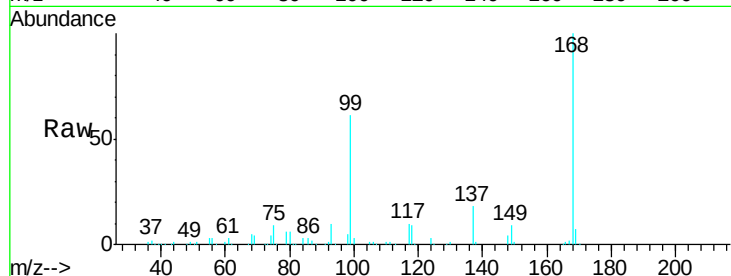
Tgt Ion: 56 Resp: 10460

Ion Ratio Lower Upper

56 100

69 157.2 26.2 39.4#

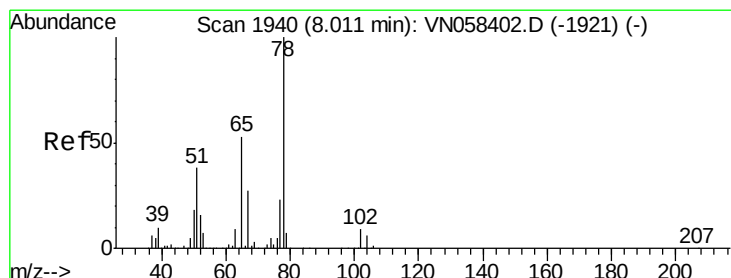
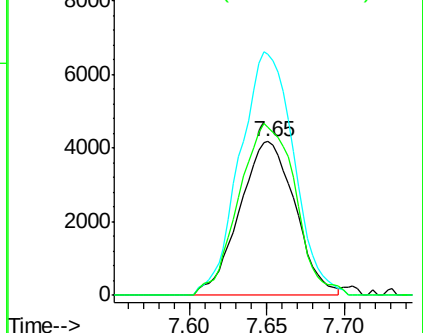
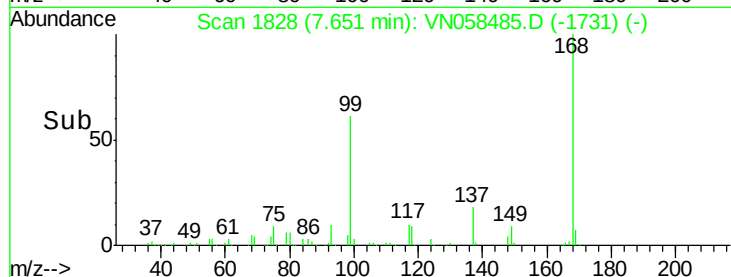
84 109.6 67.6 101.4#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 51.273 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058485.D

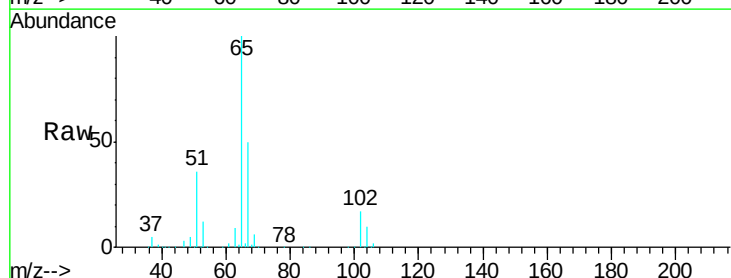
Acq: 2 Oct 2019 19:14

Tgt Ion: 65 Resp: 287309

Ion Ratio Lower Upper

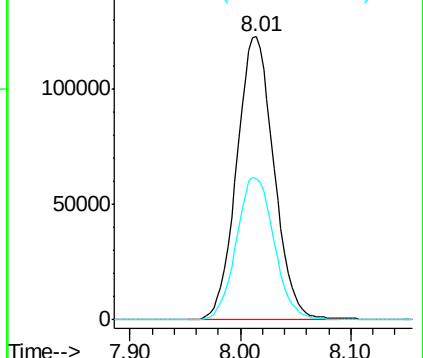
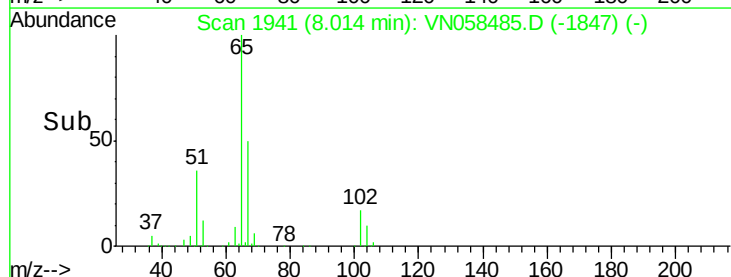
65 100

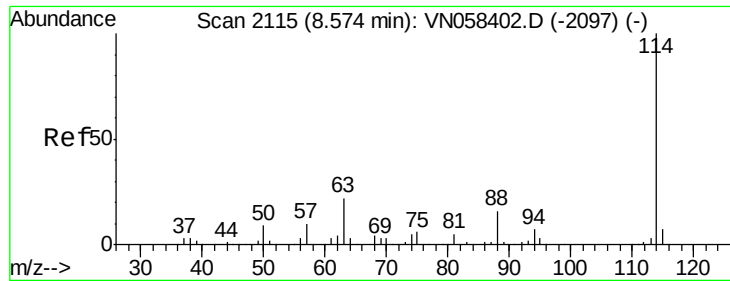
67 51.2 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

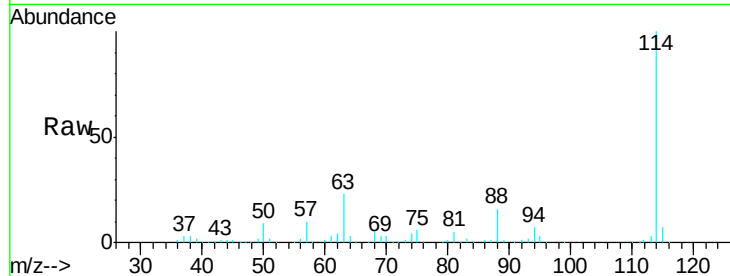




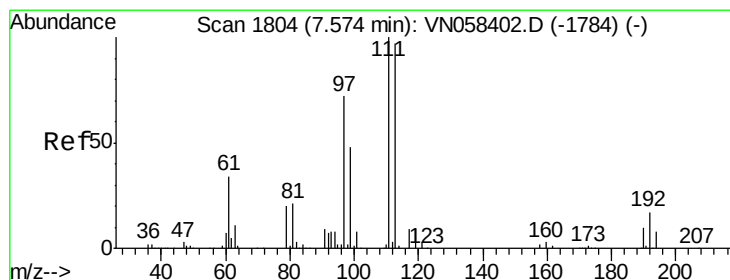
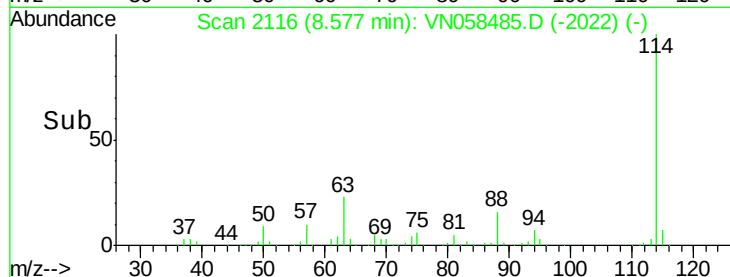
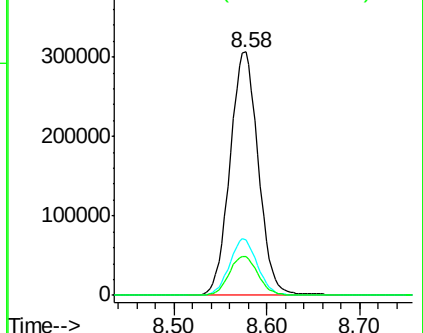
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN058485.D
 Acq: 2 Oct 2019 19:14

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-100119

Tgt Ion:114 Resp: 650611
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 45.0
 88 16.0 0.0 32.2

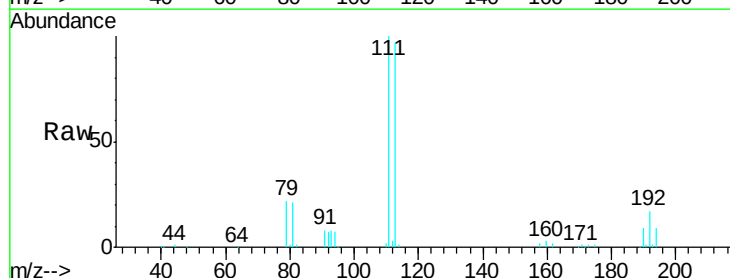


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

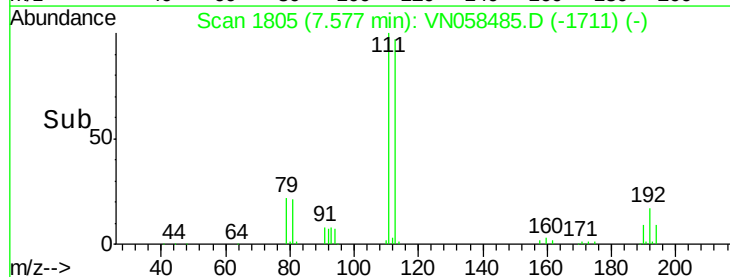
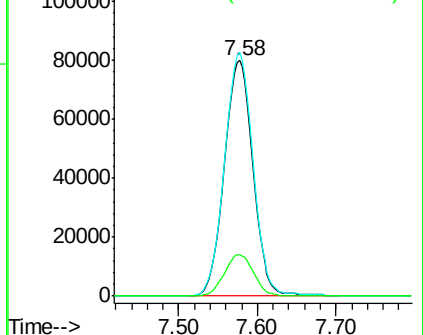


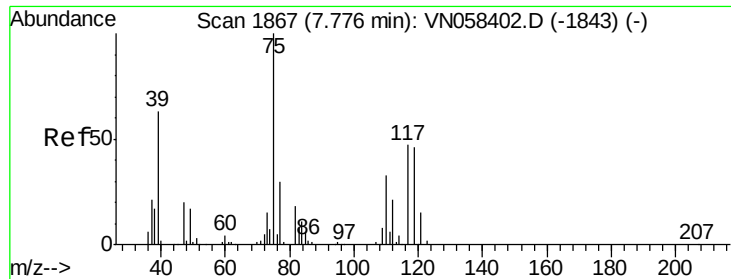
#35
 Dibromofluoromethane
 Concen: 50.556 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058485.D
 Acq: 2 Oct 2019 19:14

Tgt Ion:113 Resp: 201595
 Ion Ratio Lower Upper
 113 100
 111 102.1 83.4 125.2
 192 17.9 14.9 22.3



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

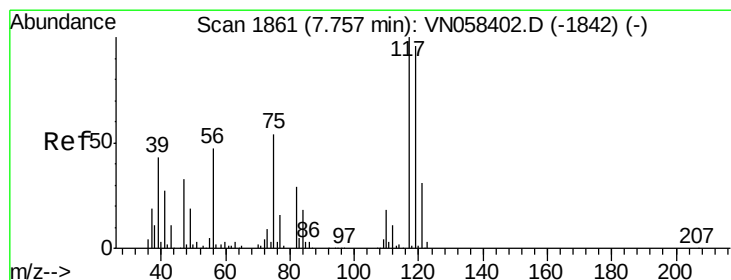
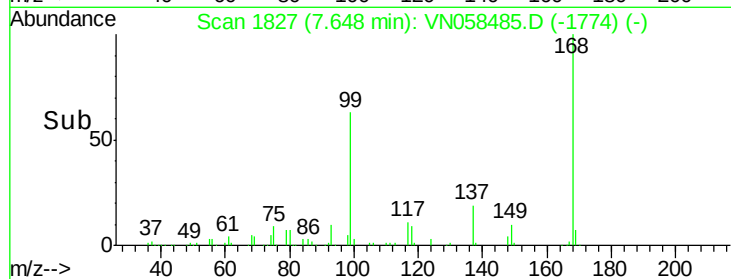
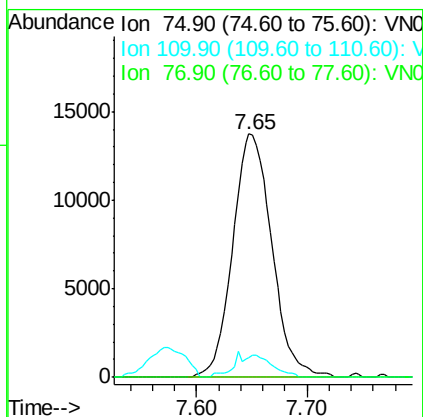
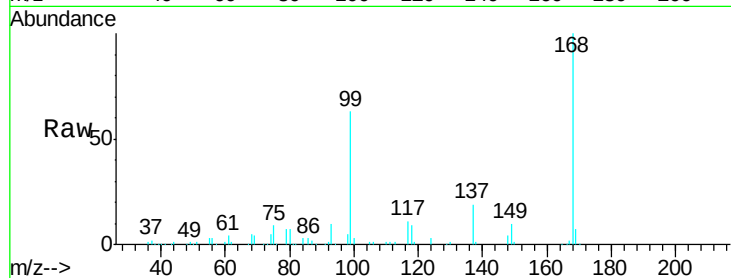




#36
 1,1-Dichloropropene
 Concen: 5.431 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN058485.D
 Acq: 2 Oct 2019 19:14

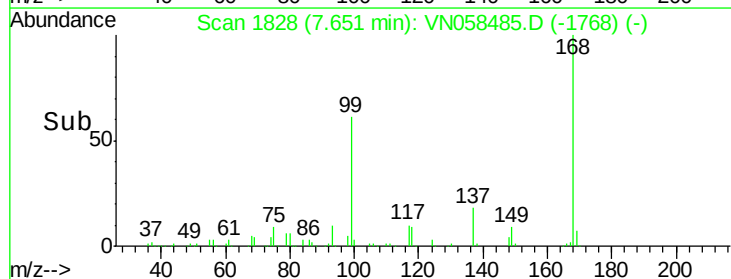
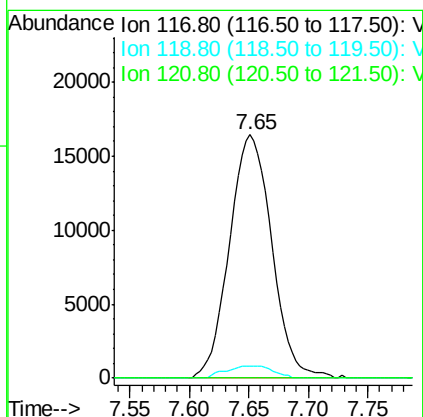
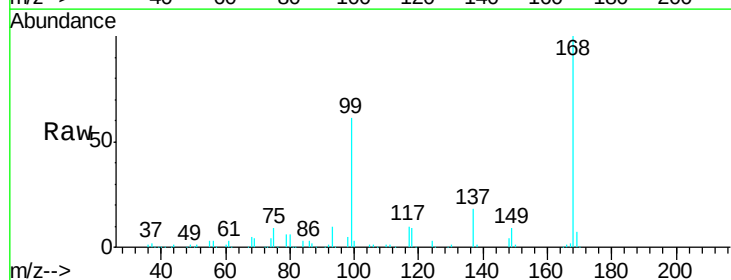
Instrument :
 MSVOA_N
 ClientSampled :
 OR-02-100119

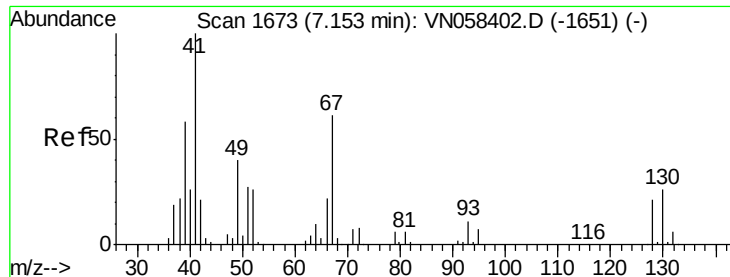
Tgt Ion: 75 Resp: 33787
 Ion Ratio Lower Upper
 75 100
 110 5.6 16.4 49.2#
 77 0.0 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 7.206 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.11 min
 Lab File: VN058485.D
 Acq: 2 Oct 2019 19:14

Tgt Ion: 117 Resp: 40463
 Ion Ratio Lower Upper
 117 100
 119 4.7 76.6 115.0#
 121 0.0 24.7 37.1#

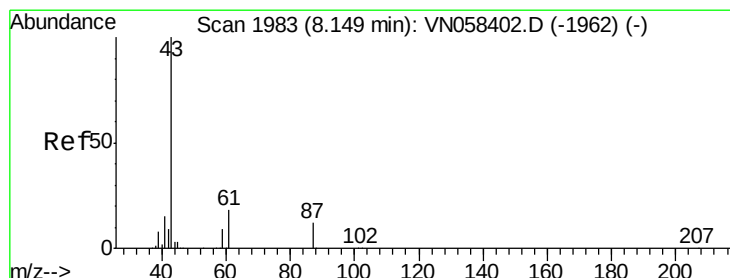
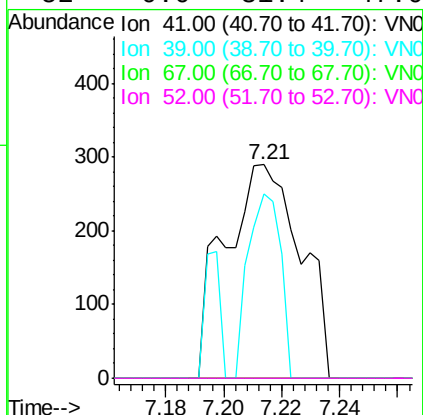
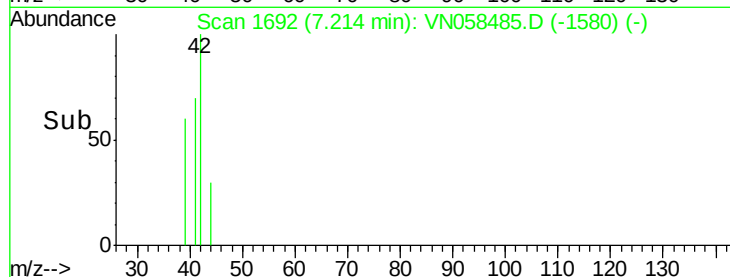
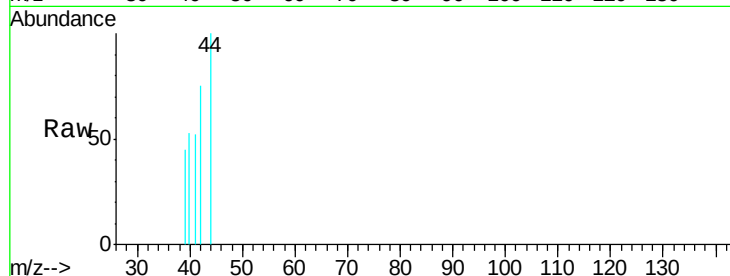




#41
Methacrylonitrile
Concen: 0.218 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.06 min
Lab File: VN058485.D
Acq: 2 Oct 2019 19:14

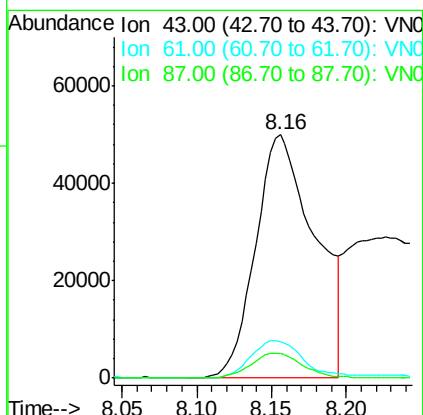
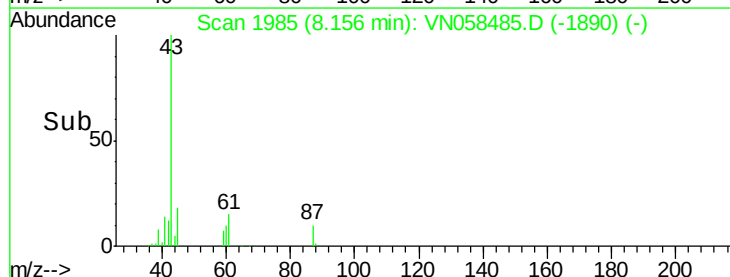
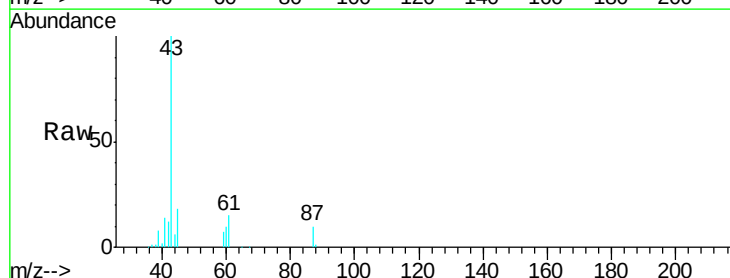
Instrument :
MSVOA_N
ClientSampleId :
OR-02-100119

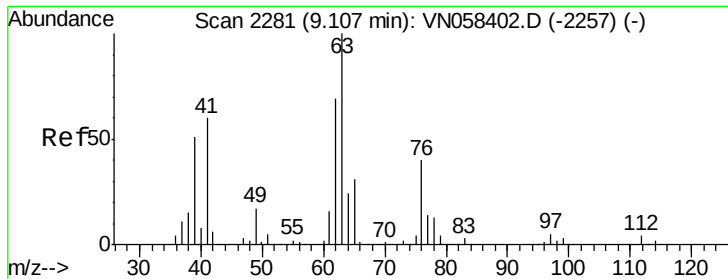
Tgt Ion: 41 Resp: 528
Ion Ratio Lower Upper
41 100
39 37.1 50.2 75.4#
67 0.0 70.2 105.4#
52 0.0 31.4 47.0#



#43
Isopropyl Acetate
Concen: 13.898 ug/l
RT: 8.16 min Scan# 1985
Delta R.T. 0.01 min
Lab File: VN058485.D
Acq: 2 Oct 2019 19:14

Tgt Ion: 43 Resp: 137850
Ion Ratio Lower Upper
43 100
61 14.0 14.8 22.2#
87 8.8 9.7 14.5#

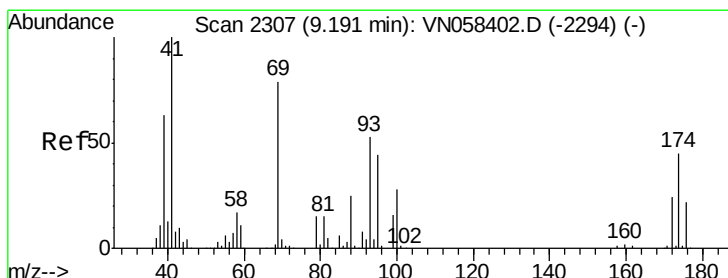
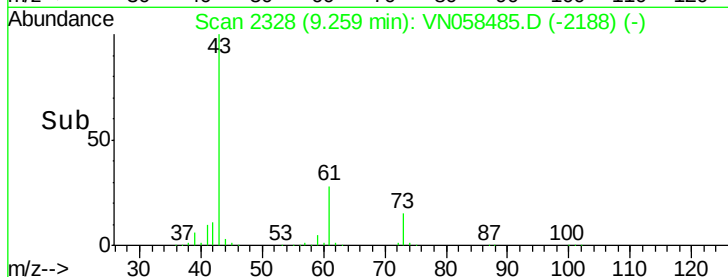
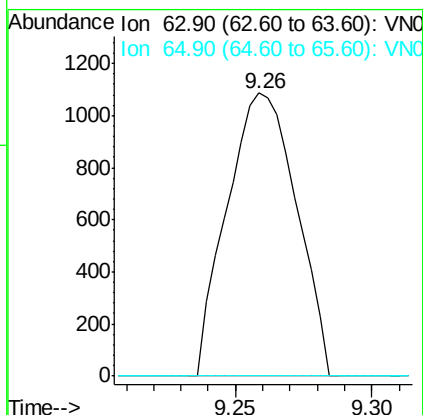
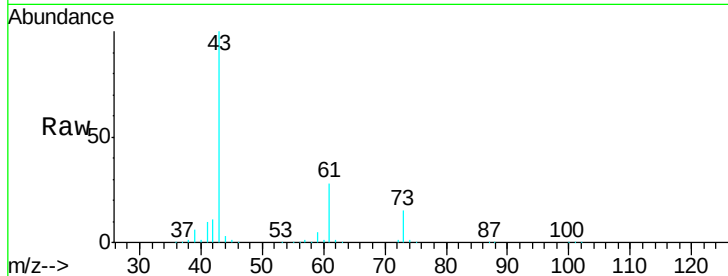




#45
 1,2-Dichloropropane
 Concen: 0.400 ug/l
 RT: 9.26 min Scan# 2328
 Delta R.T. 0.15 min
 Lab File: VN058485.D
 Acq: 2 Oct 2019 19:14

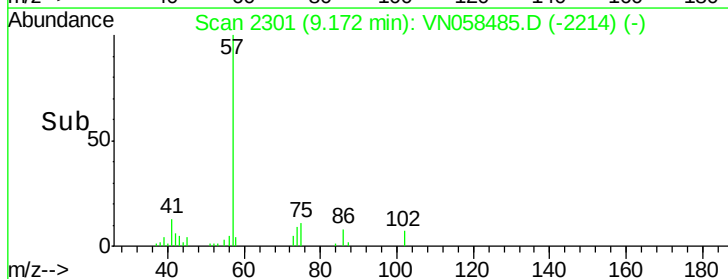
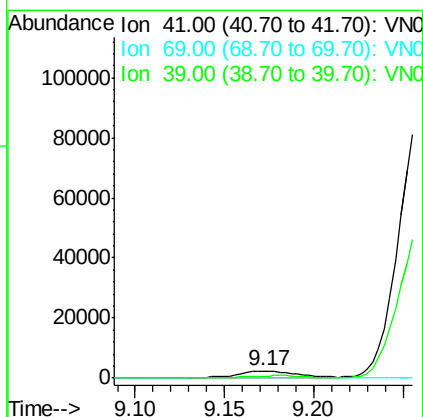
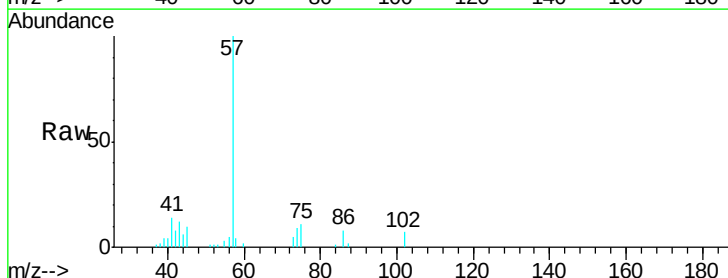
Instrument :
 MSVOA_N
 ClientSampled :
 OR-02-100119

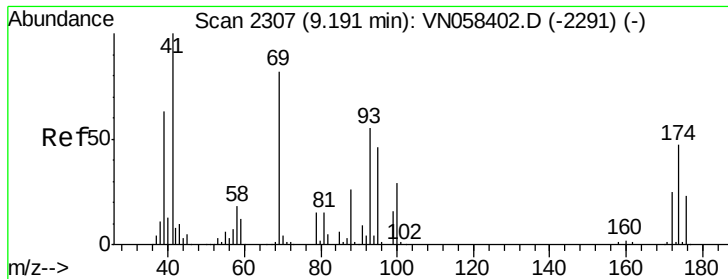
Tgt Ion: 63 Resp: 1917
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.0 37.4#



#48
 Methyl methacrylate
 Concen: 1.258 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.02 min
 Lab File: VN058485.D
 Acq: 2 Oct 2019 19:14

Tgt Ion: 41 Resp: 5683
 Ion Ratio Lower Upper
 41 100
 69 0.0 64.7 97.1#
 39 0.0 52.9 79.3#

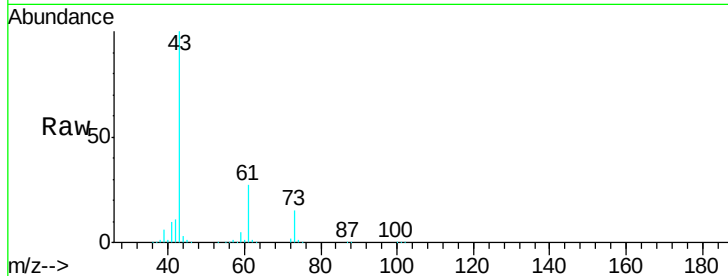




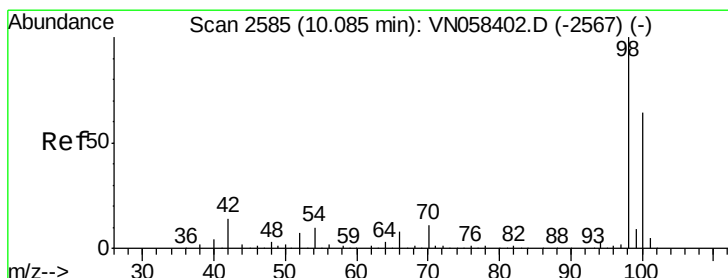
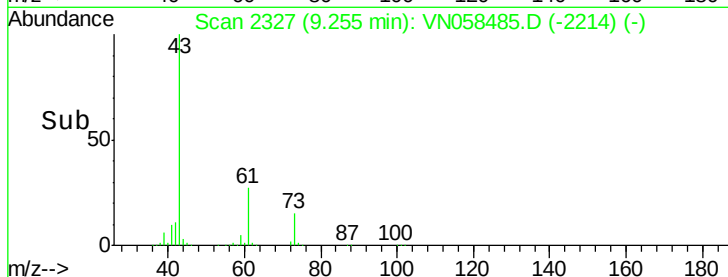
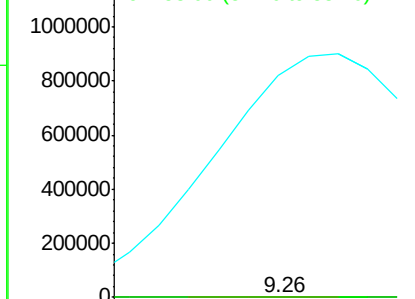
#49
1,4-Dioxane
Concen: 1.639 ug/l
RT: 9.26 min Scan# 2327
Delta R.T. 0.06 min
Lab File: VN058485.D
Acq: 2 Oct 2019 19:14

Instrument :
MSVOA_N
ClientSampled :
OR-02-100119

Tgt Ion: 88 Resp: 99
Ion Ratio Lower Upper
88 100
43 0.0 31.1 46.7#
58 0.0 58.1 87.1#

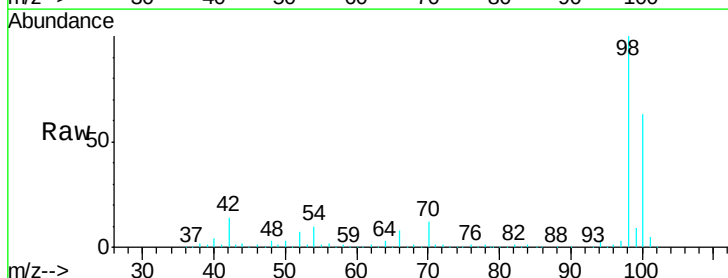


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

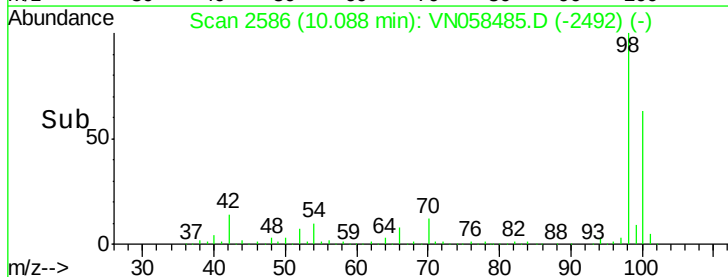
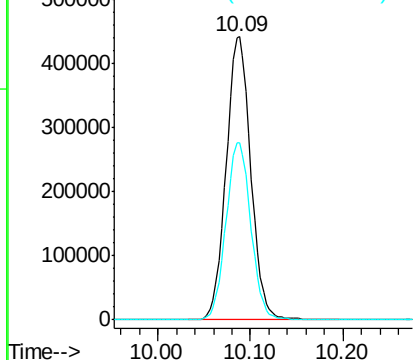


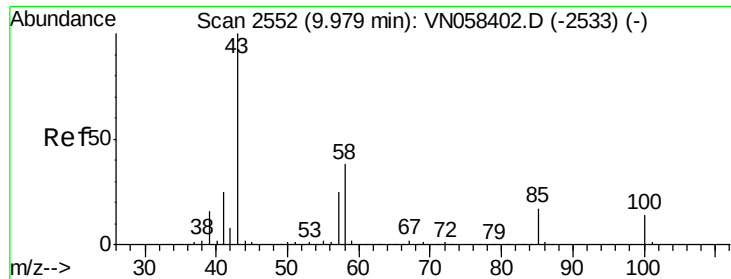
#50
Toluene-d8
Concen: 51.968 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN058485.D
Acq: 2 Oct 2019 19:14

Tgt Ion: 98 Resp: 811786
Ion Ratio Lower Upper
98 100
100 63.3 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

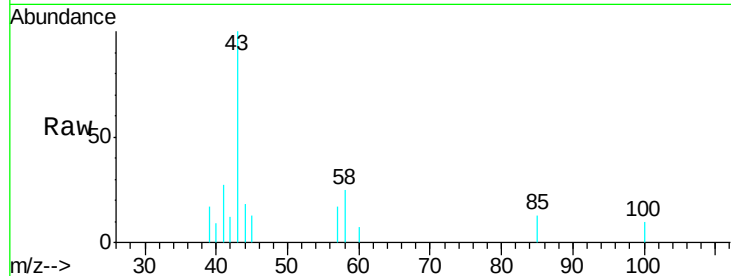




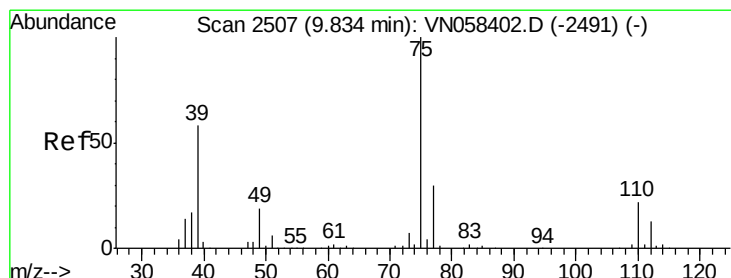
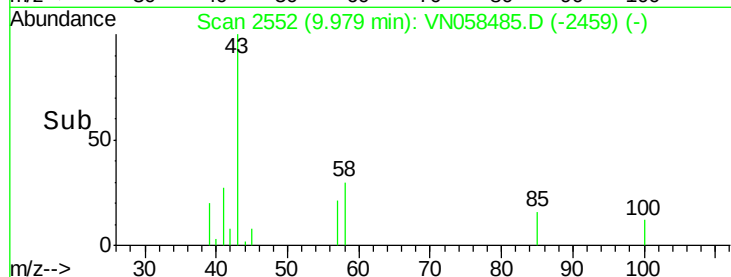
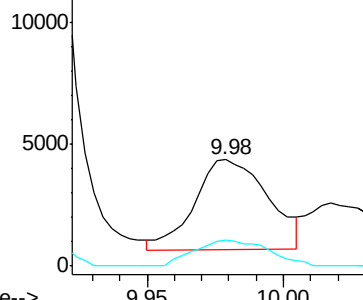
#51
 4-Methyl-2-Pentanone
 Concen: 1.349 ug/l
 RT: 9.98 min Scan# 2552
 Delta R.T. 0.00 min
 Lab File: VN058485.D
 Acq: 2 Oct 2019 19:14

Instrument :
 MSVOA_N
 ClientSampled :
 OR-02-100119

Tgt Ion: 43 Resp: 6874
 Ion Ratio Lower Upper
 43 100
 58 29.5 30.2 45.2#

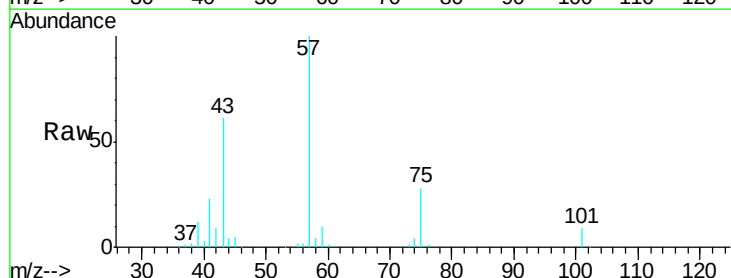


Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

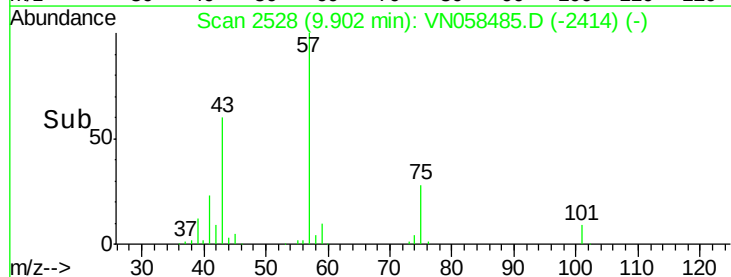
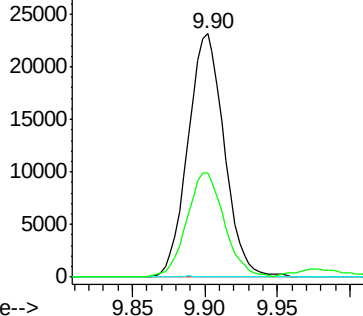


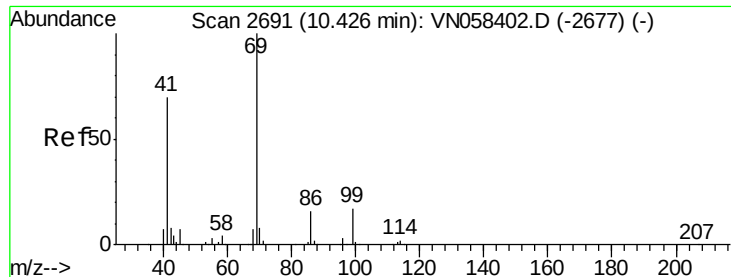
#54
 cis-1,3-Dichloropropene
 Concen: 5.791 ug/l
 RT: 9.90 min Scan# 2528
 Delta R.T. 0.07 min
 Lab File: VN058485.D
 Acq: 2 Oct 2019 19:14

Tgt Ion: 75 Resp: 40264
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.2 36.4#
 39 42.7 46.4 69.6#



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 76.90 (76.60 to 77.60): VN0
 Ion 39.00 (38.70 to 39.70): VN0





#56

Ethyl methacrylate

Concen: 0.296 ug/l

RT: 10.54 min Scan# 2728

Delta R.T. 0.12 min

Lab File: VN058485.D

Acq: 2 Oct 2019 19:14

Instrument :

MSVOA_N

ClientSampleId :

OR-02-100119

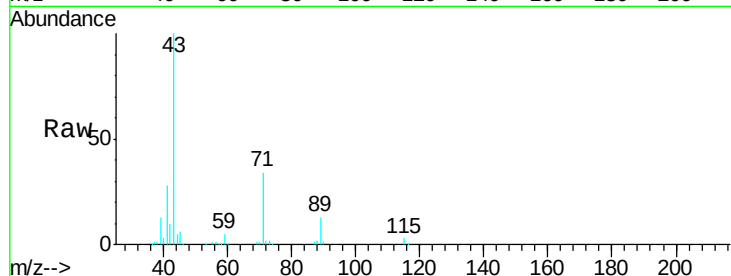
Tgt Ion: 69 Resp: 1839

Ion Ratio Lower Upper

69 100

41 5127.3 56.3 84.5#

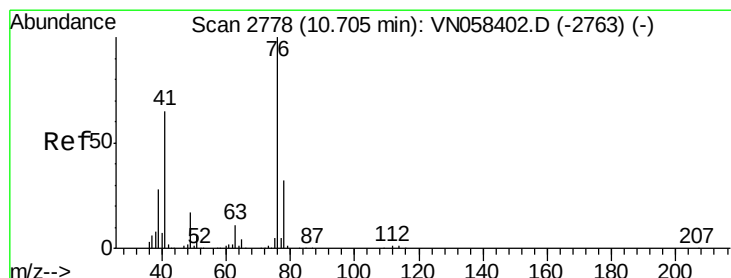
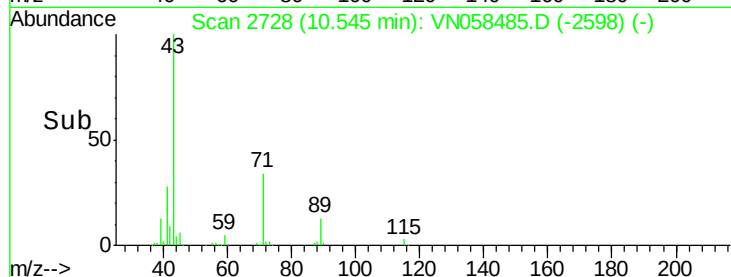
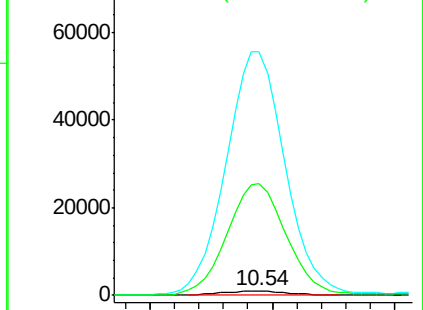
39 2348.9 35.8 53.6#



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



#57

1,3-Dichloropropane

Concen: 0.908 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.06 min

Lab File: VN058485.D

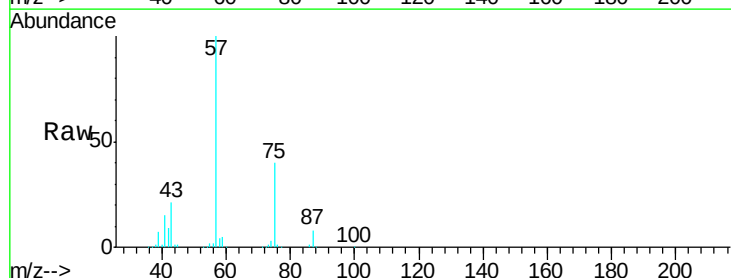
Acq: 2 Oct 2019 19:14

Tgt Ion: 76 Resp: 6638

Ion Ratio Lower Upper

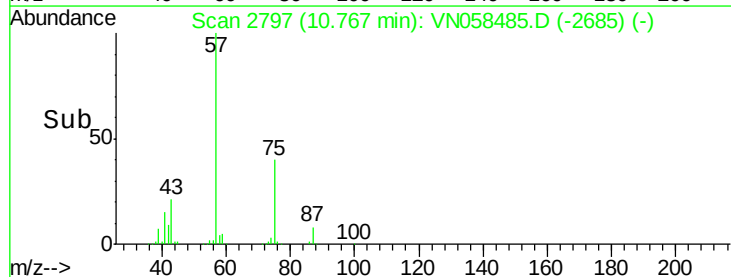
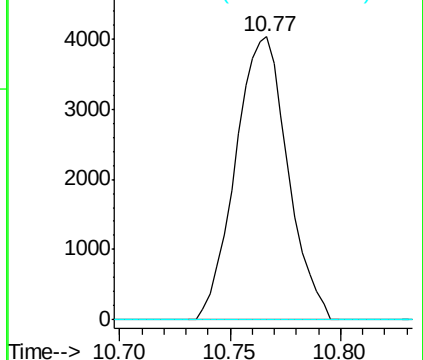
76 100

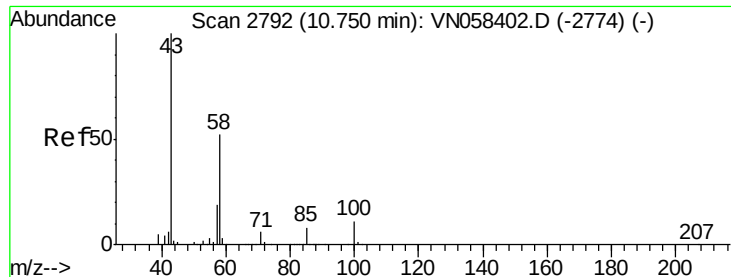
78 0.0 25.7 38.5#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

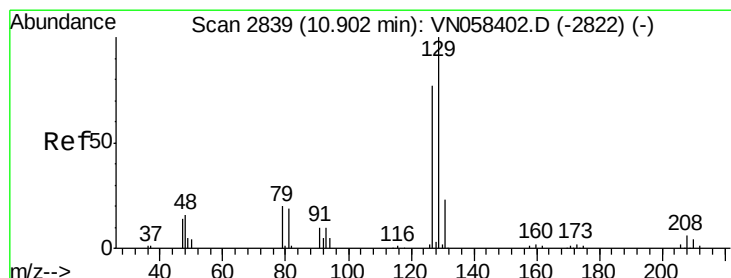
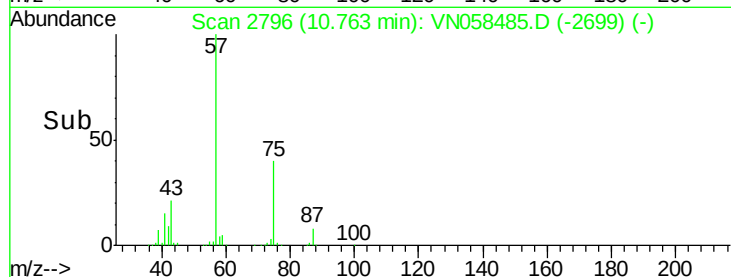
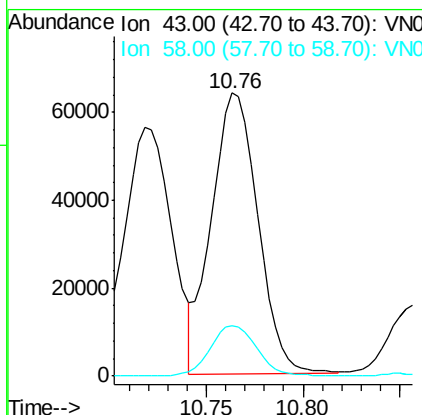
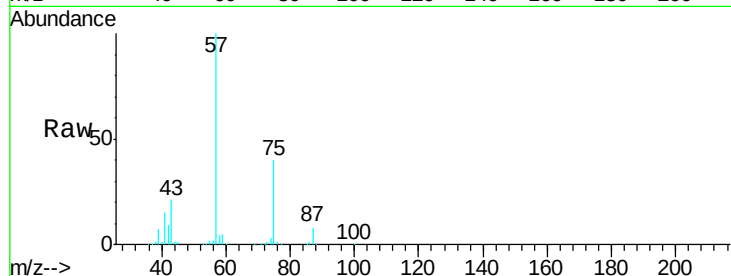




#59
2-Hexanone
Concen: 28.876 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN058485.D
Acq: 2 Oct 2019 19:14

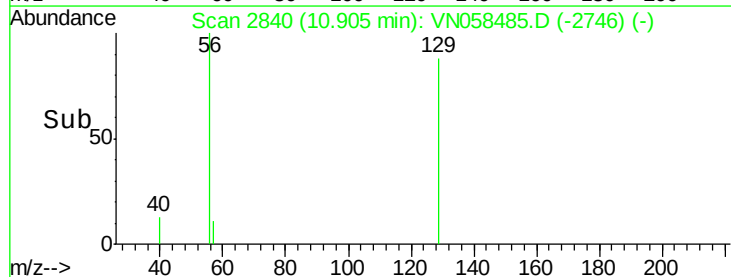
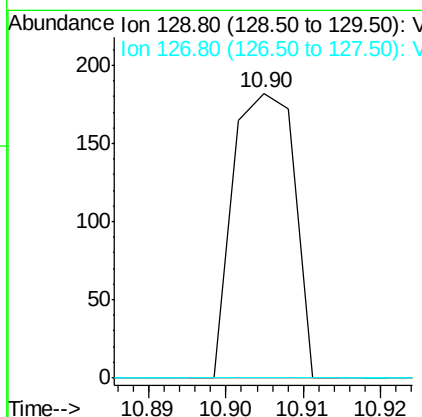
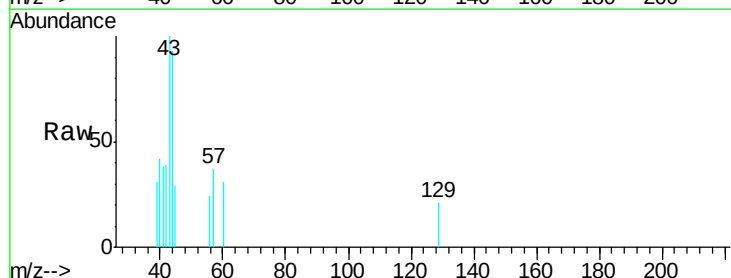
Instrument :
MSVOA_N
ClientSampled :
OR-02-100119

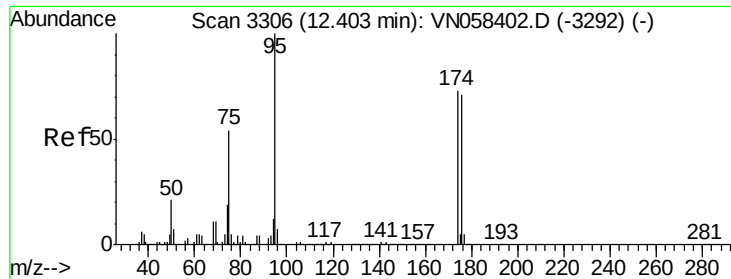
Tgt Ion: 43 Resp: 107123
Ion Ratio Lower Upper
43 100
58 18.1 25.8 77.3#



#60
Dibromochloromethane
Concen: Below Cal
RT: 10.90 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN058485.D
Acq: 2 Oct 2019 19:14

Tgt Ion: 129 Resp: 100
Ion Ratio Lower Upper
129 100
127 0.0 38.3 114.8#

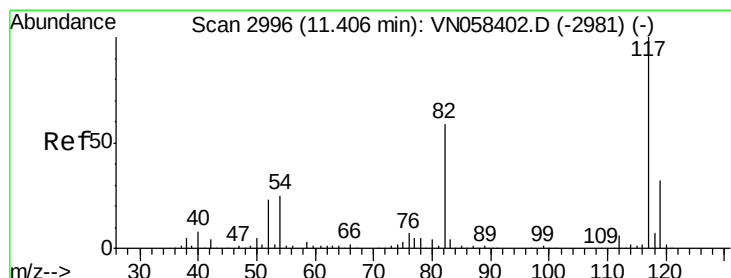
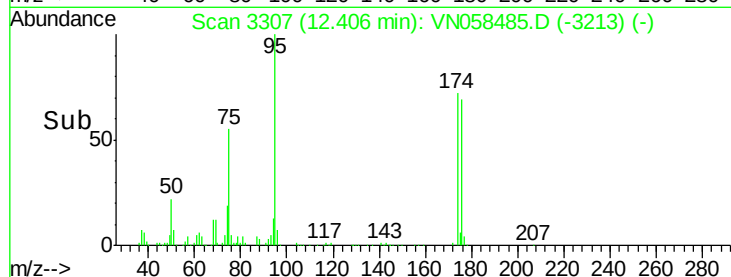
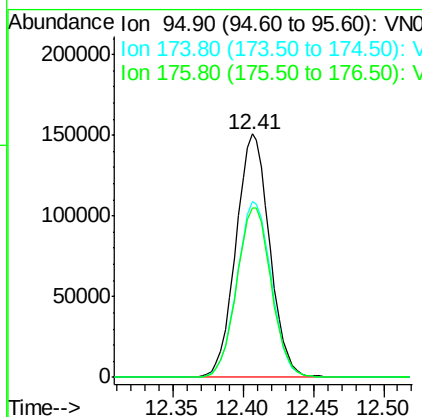
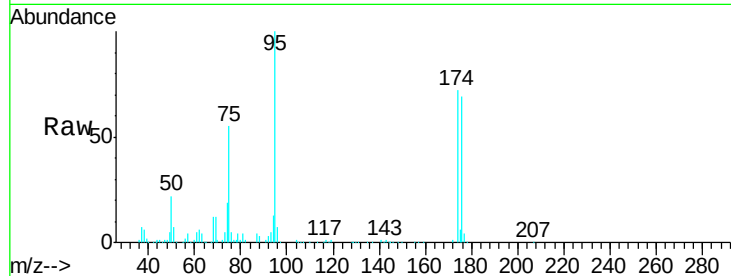




#62
4-Bromofluorobenzene
Concen: 44.758 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058485.D
Acq: 2 Oct 2019 19:14

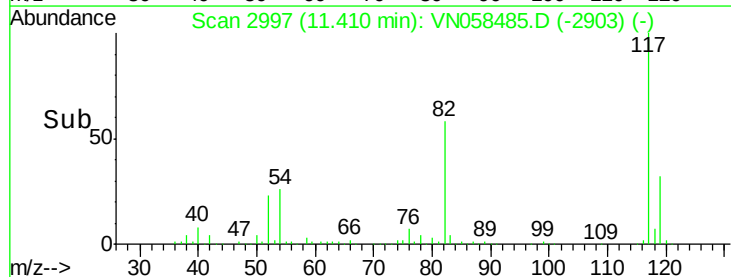
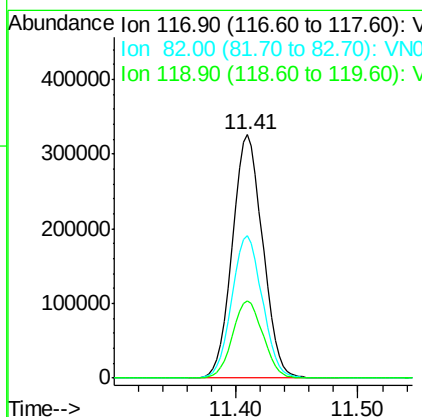
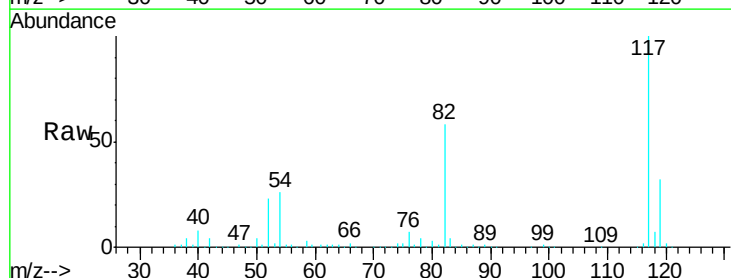
Instrument :
MSVOA_N
ClientSampleId :
OR-02-100119

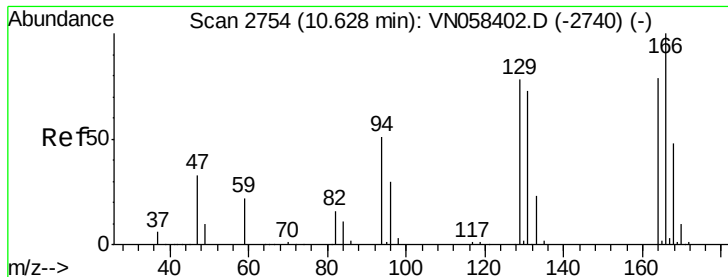
Tgt Ion: 95 Resp: 252803
Ion Ratio Lower Upper
95 100
174 73.6 0.0 150.6
176 71.3 0.0 146.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058485.D
Acq: 2 Oct 2019 19:14

Tgt Ion: 117 Resp: 564536
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.0
119 31.7 25.5 38.3





#64

Tetrachloroethene

Concen: 0.473 ug/l

RT: 10.63 min Scan# 2756

Delta R.T. 0.01 min

Lab File: VN058485.D

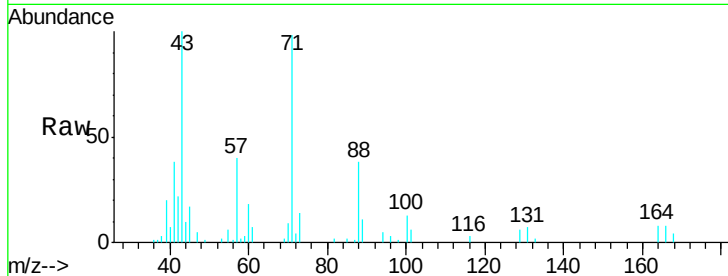
Acq: 2 Oct 2019 19:14

Instrument :

MSVOA_N

ClientSampleId :

OR-02-100119



Tgt Ion:164 Resp: 1695

Ion Ratio Lower Upper

164 100

166 100.3 101.1 151.7#

129 75.4 79.2 118.8#

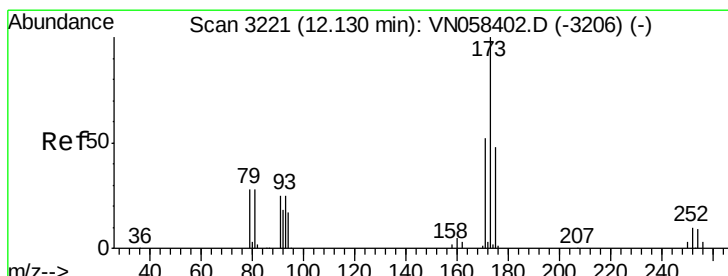
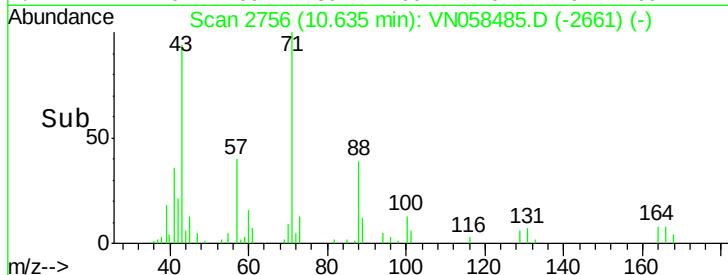
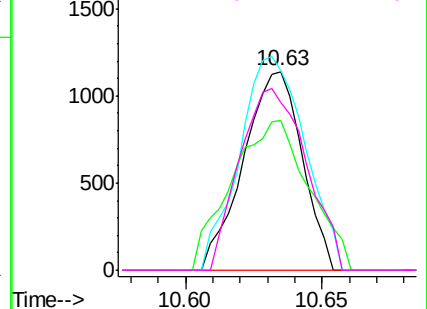
131 84.5 74.1 111.1

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



#71

Bromoform

Concen: 0.955 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.27 min

Lab File: VN058485.D

Acq: 2 Oct 2019 19:14

Tgt Ion:173 Resp: 690

Ion Ratio Lower Upper

173 100

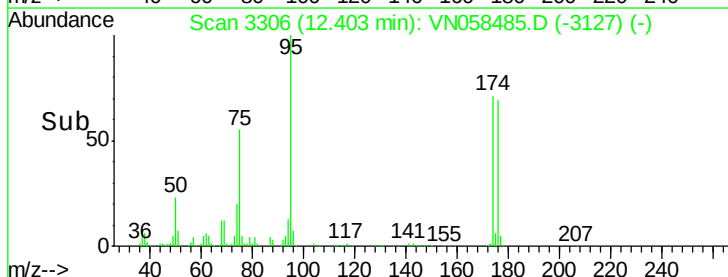
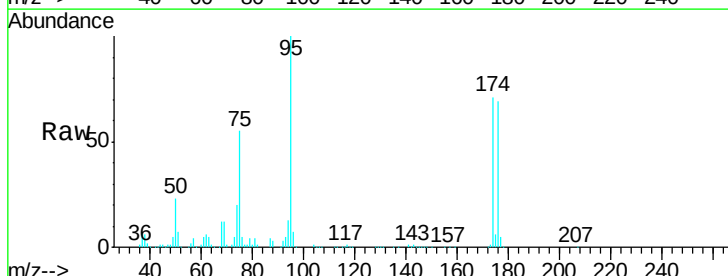
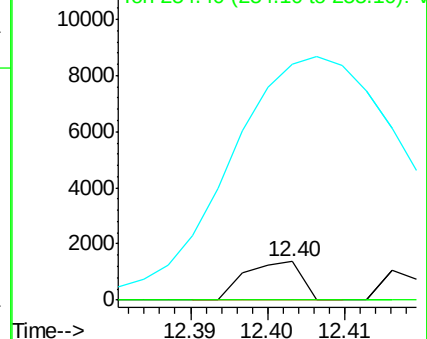
175 1721.3 24.3 73.0#

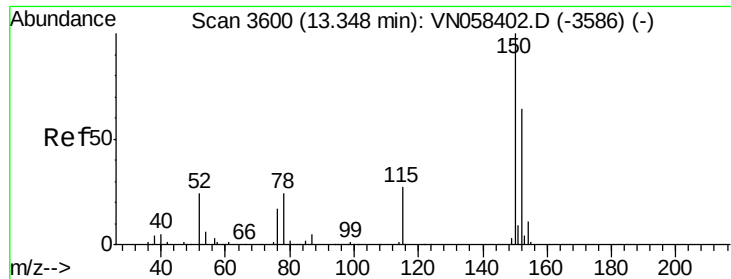
254 0.0 0.1 0.1#

Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058485.D

Acq: 2 Oct 2019 19:14

Instrument :

MSVOA_N

ClientSampled :

OR-02-100119

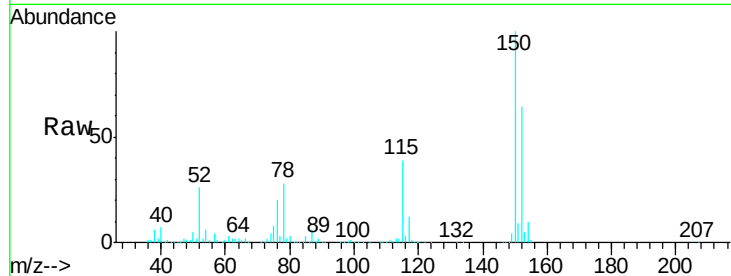
Tgt Ion:152 Resp: 212916

Ion Ratio Lower Upper

152 100

115 62.4 30.0 90.0

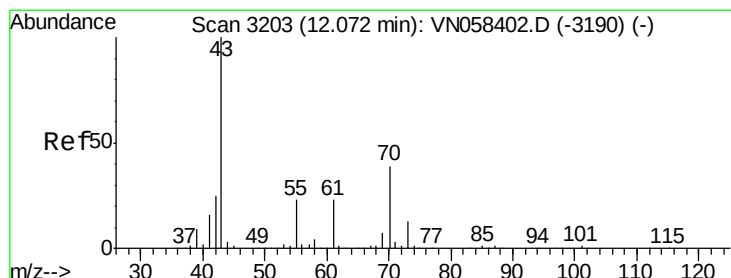
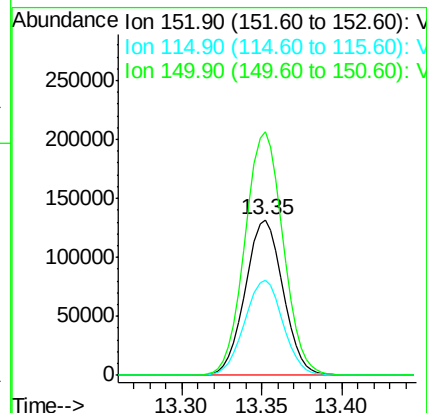
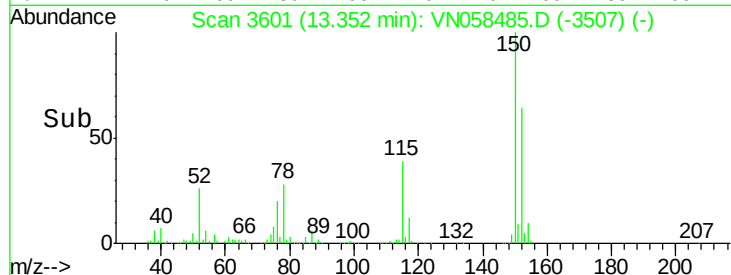
150 157.5 0.0 348.2



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: 0.773 ug/l

RT: 12.04 min Scan# 3192

Delta R.T. -0.04 min

Lab File: VN058485.D

Acq: 2 Oct 2019 19:14

Tgt Ion: 43 Resp: 4839

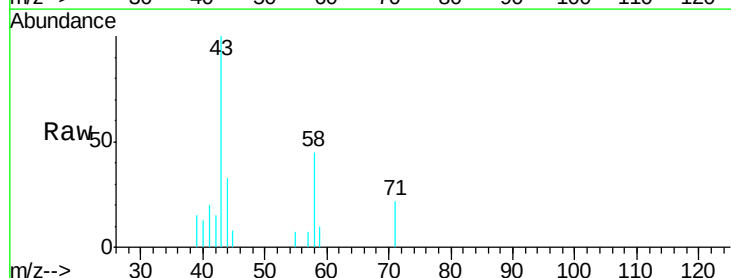
Ion Ratio Lower Upper

43 100

70 0.0 31.4 47.2#

55 4.3 18.2 27.4#

61 0.0 18.3 27.5#

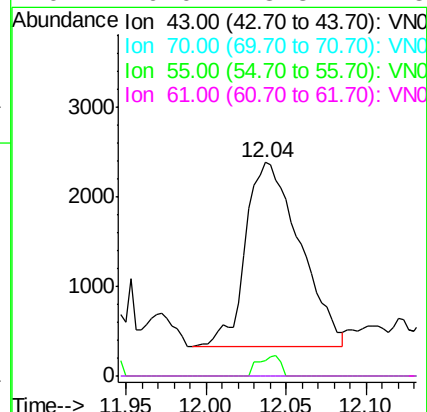
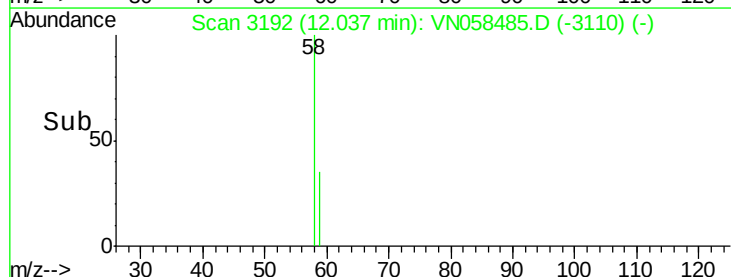


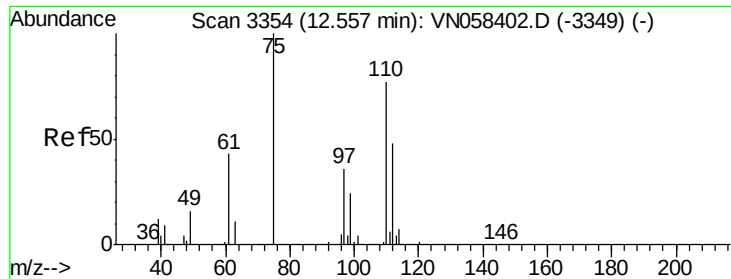
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

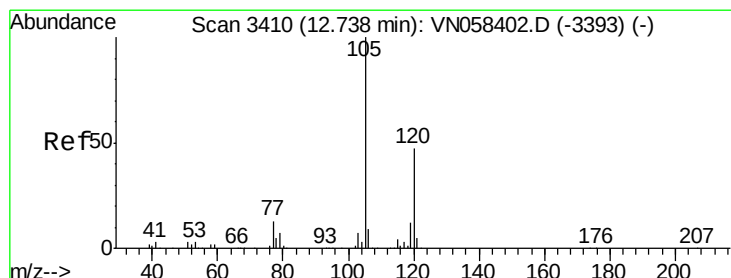
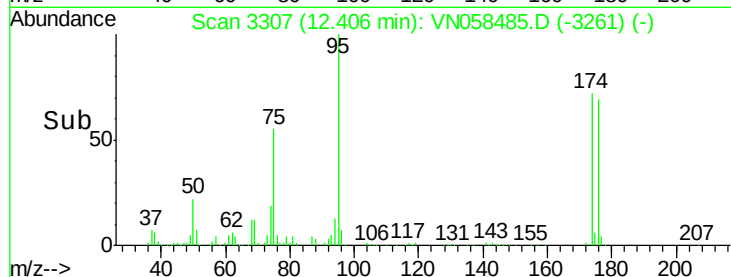
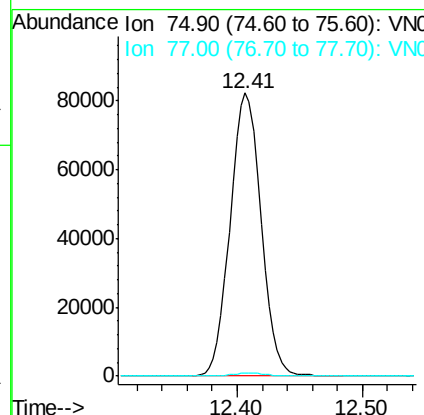
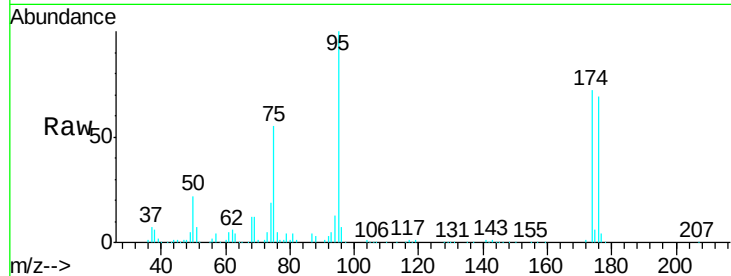




#76
 1,2,3-Trichloropropane
 Concen: 36.220 ug/l
 RT: 12.41 min Scan# 3307
 Delta R.T. -0.15 min
 Lab File: VN058485.D
 Acq: 2 Oct 2019 19:14

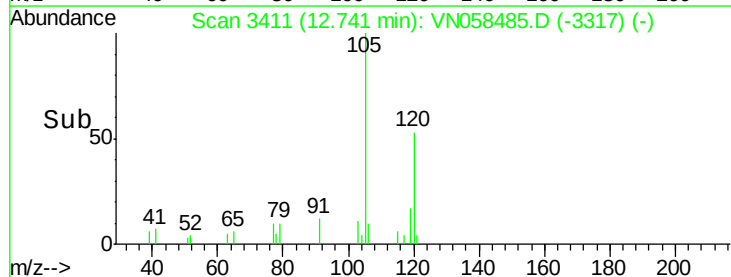
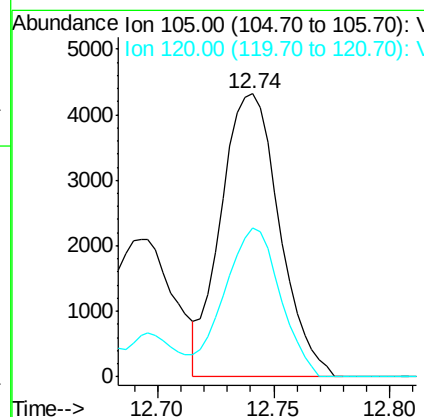
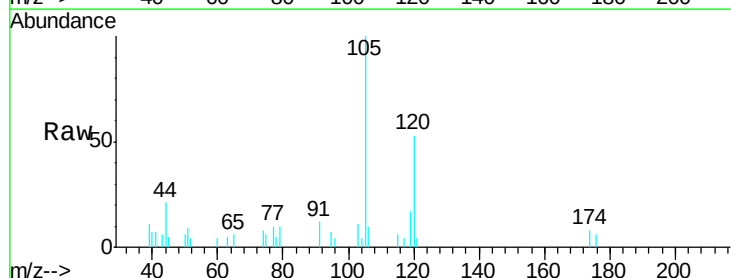
Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-100119

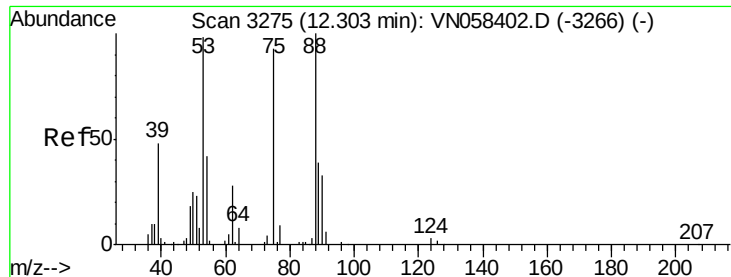
Tgt Ion: 75 Resp: 140855
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.577 ug/l
 RT: 12.74 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN058485.D
 Acq: 2 Oct 2019 19:14

Tgt Ion: 105 Resp: 7599
 Ion Ratio Lower Upper
 105 100
 120 50.7 23.5 70.6





#81

trans-1,4-Dichloro-2-butene

Concen: 110.003 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058485.D

Acq: 2 Oct 2019 19:14

Instrument :

MSVOA_N

ClientSampled :

OR-02-100119

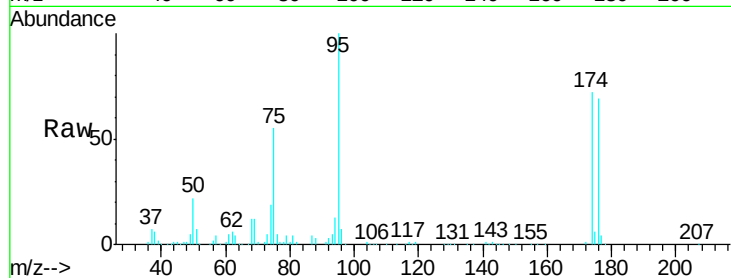
Tgt Ion: 75 Resp: 140855

Ion Ratio Lower Upper

75 100

53 0.0 85.4 128.0#

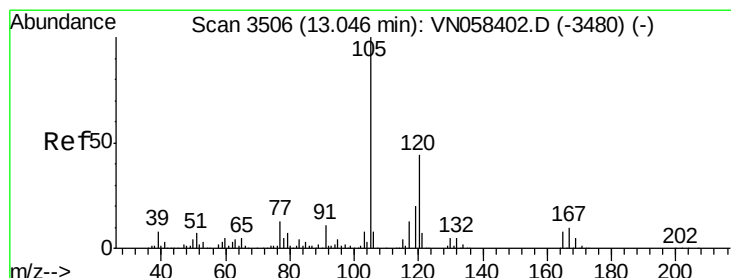
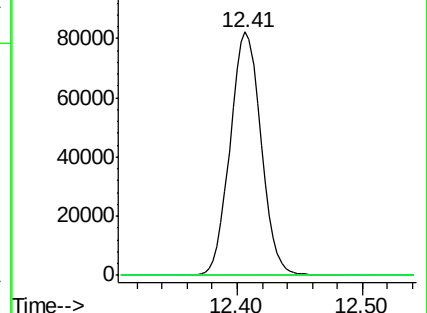
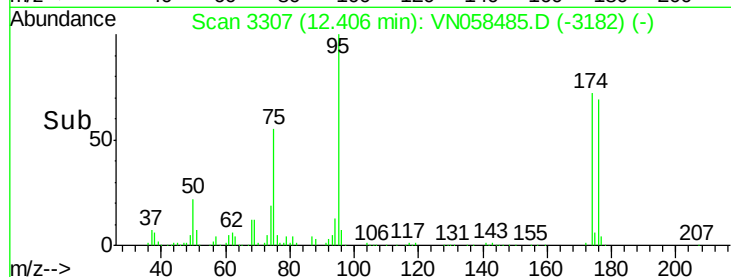
89 0.0 35.0 52.4#



Abundance Ion 74.90 (74.60 to 75.60): VN058485.D (-3307) (-)

Ion 53.00 (52.70 to 53.70): VN058485.D (-3307) (-)

Ion 88.90 (88.60 to 89.60): VN058485.D (-3307) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.841 ug/l

RT: 13.05 min Scan# 3506

Delta R.T. 0.00 min

Lab File: VN058485.D

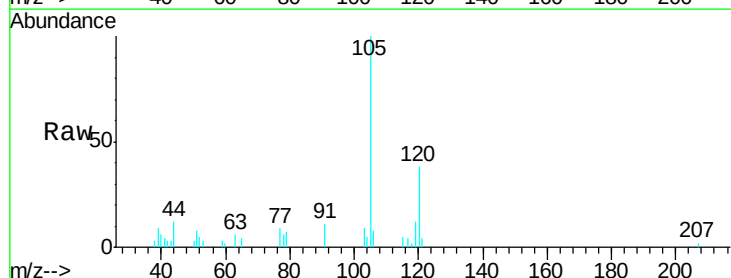
Acq: 2 Oct 2019 19:14

Tgt Ion: 105 Resp: 11093

Ion Ratio Lower Upper

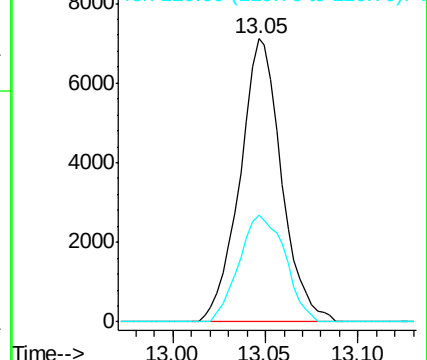
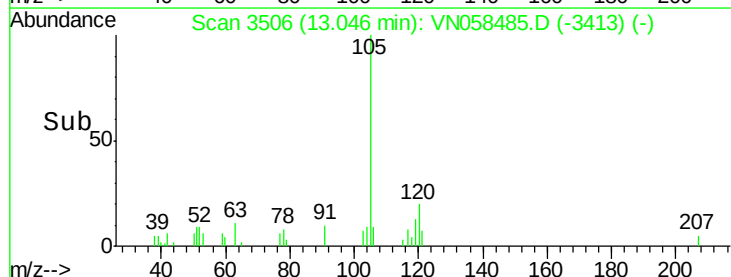
105 100

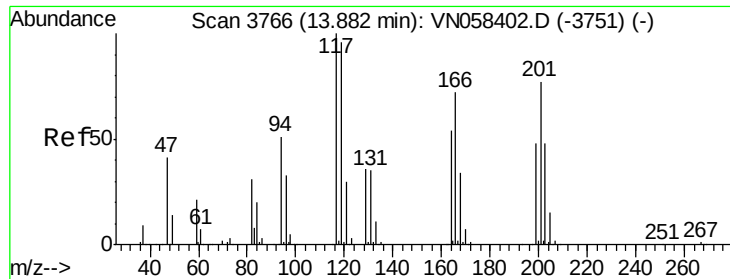
120 41.7 21.7 65.1



Abundance Ion 105.00 (104.70 to 105.70): VN058485.D (-3506) (-)

Ion 120.00 (119.70 to 120.70): VN058485.D (-3506) (-)





#90

Hexachloroethane

Concen: 0.518 ug/l

RT: 13.90 min Scan# 3773

Delta R.T. 0.02 min

Lab File: VN058485.D

Acq: 2 Oct 2019 19:14

Instrument :

MSVOA_N

ClientSampled :

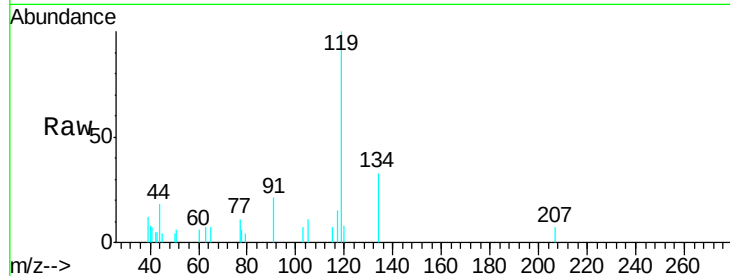
OR-02-100119

Tgt Ion: 117 Resp: 1002

Ion Ratio Lower Upper

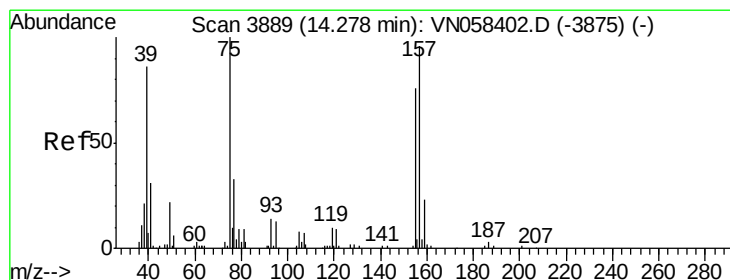
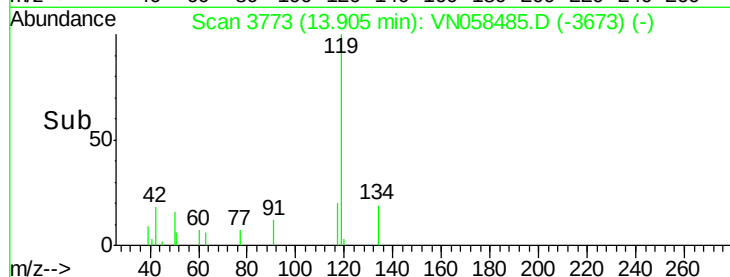
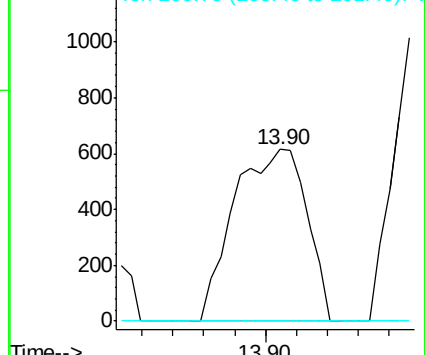
117 100

201 0.0 38.6 116.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.208 ug/l

RT: 14.49 min Scan# 3954

Delta R.T. 0.21 min

Lab File: VN058485.D

Acq: 2 Oct 2019 19:14

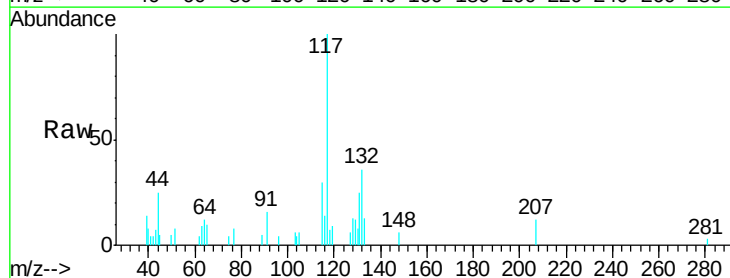
Tgt Ion: 75 Resp: 171

Ion Ratio Lower Upper

75 100

155 0.0 39.2 117.6#

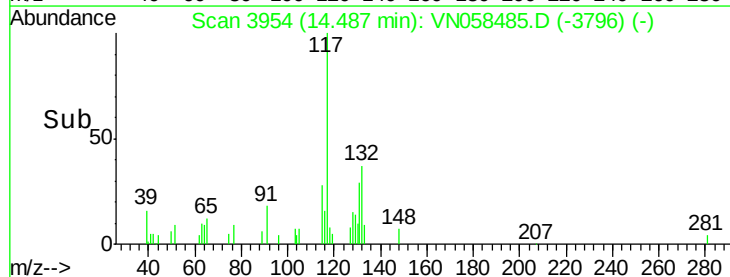
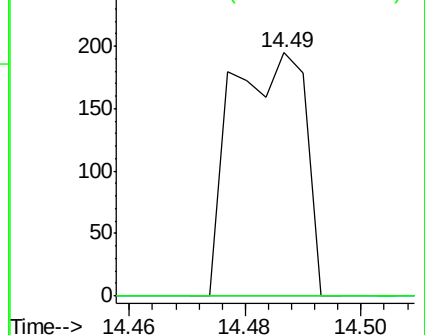
157 0.0 48.7 146.1#

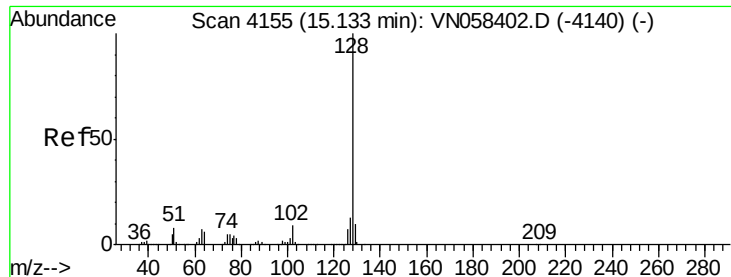


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 2.169 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN058485.D

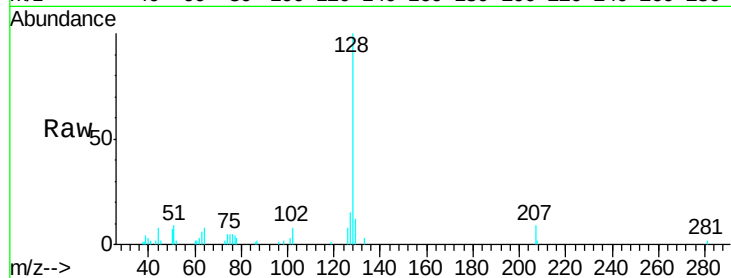
Acq: 2 Oct 2019 19:14

Instrument :

MSVOA_N

ClientSampleId :

OR-02-100119



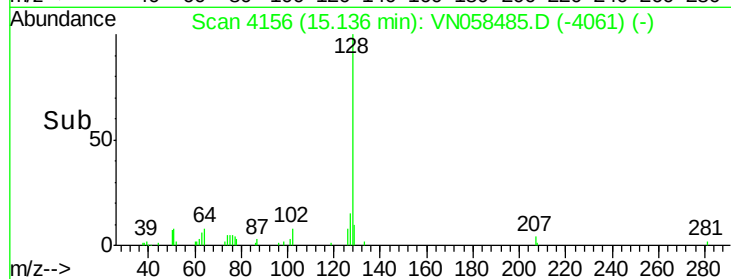
Tgt Ion:128 Resp: 22851

Ion Ratio Lower Upper

128 100

127 13.6 10.2 15.4

129 11.8 8.3 12.5



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

