

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111319\
 Data File : VN059215.D
 Acq On : 13 Nov 2019 17:27
 Operator : JC/SP
 Sample : K5814-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30662

Quant Time: Nov 22 04:03:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	393286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	607017	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	531075	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	204344	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	254959	52.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.48%	
35) Dibromofluoromethane	7.57	113	194668	53.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.42%	
50) Toluene-d8	10.08	98	746563	52.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.58%	
62) 4-Bromofluorobenzene	12.40	95	241305	46.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.76%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.77	59	12660	13.741	ug/l #	79
16) Acetone	3.80	43	26127	10.392	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	51033	4.040	ug/l	94
20) Methylene Chloride	4.53	84	2646	0.604	ug/l #	82
22) Diisopropyl ether	5.93	45	76918	5.404	ug/l	92
23) Vinyl Acetate	5.92	43	40438	3.666	ug/l #	74
25) 2-Butanone	6.82	43	5628	1.699	ug/l	91
29) Tetrahydrofuran	7.20	42	2798	1.329	ug/l #	45
31) Cyclohexane	7.65	56	10497	1.395	ug/l #	17
36) 1,1-Dichloropropene	7.64	75	29888	5.268	ug/l #	50
37) Ethyl Acetate	6.82	43	5628	0.892	ug/l #	69
38) Carbon Tetrachloride	7.64	117	37181	6.584	ug/l #	17
39) Methylcyclohexane	9.06	83	1796	0.273	ug/l #	88
41) Methacrylonitrile	7.19	41	1958	0.713	ug/l #	100
51) 4-Methyl-2-Pentanone	9.98	43	13517	2.374	ug/l	98
52) Toluene	10.15	92	5394	0.527	ug/l	86
55) 1,1,2-Trichloroethane	10.53	97	1734	0.418	ug/l #	14
56) Ethyl methacrylate	10.42	69	327	1.919	ug/l #	1
59) 2-Hexanone	10.72	43	2465	0.564	ug/l #	24
68) m/p-Xylenes	11.62	106	19374	2.816	ug/l	99
69) o-Xylene	11.95	106	67405	10.137	ug/l	98
70) Styrene	11.95	104	3835	0.367	ug/l #	1
71) Bromoform	12.40	173	1317	0.436	ug/l #	1
74) N-amyl acetate	12.04	43	2127	0.338	ug/l #	48
76) 1,2,3-Trichloropropane	12.40	75	120326	25.864	ug/l #	100
79) 2-Chlorotoluene	12.69	91	4510	0.427	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.73	105	43891	3.485	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	120326	68.314	ug/l #	13
82) 4-Chlorotoluene	12.73	91	5066	0.478	ug/l #	43
84) 1,2,4-Trimethylbenzene	13.04	105	4192	0.344	ug/l	91
85) sec-Butylbenzene	13.04	105	4192	0.296	ug/l #	57
86) p-Isopropyltoluene	13.24	119	2544	0.204	ug/l	97
89) n-Butylbenzene	13.58	91	3463	0.317	ug/l #	1
90) Hexachloroethane	13.89	117	1909	0.761	ug/l #	8

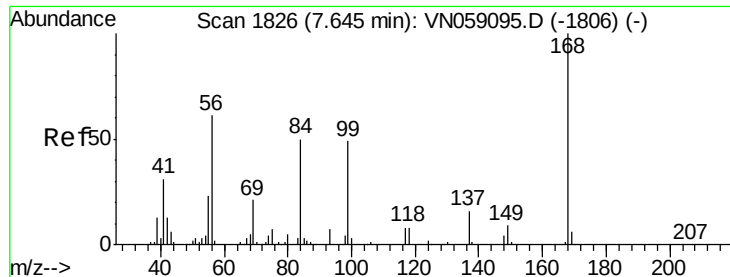
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111319\
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Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	160	3.086	ug/l #	11
95) Naphthalene	15.13	128	3264	3.334	ug/l #	93

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059215.D

Acq: 13 Nov 2019 17:27

Instrument :

MSVOA_N

ClientSampled :

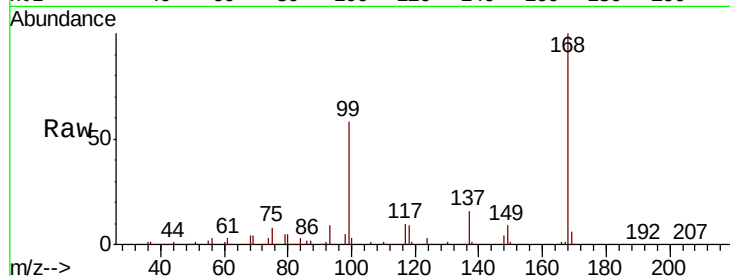
30662

Tot Ion:168 Resp: 393286

Ion Ratio Lower Upper

168 100

99 57.8 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VN059215.D (-1733) (-)

Ion 98.90 (98.60 to 99.60): VN059215.D (-1733) (-)

7.64

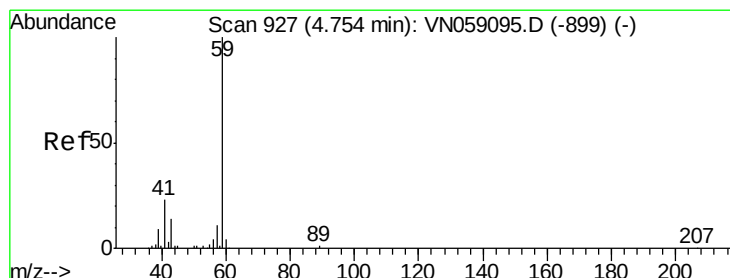
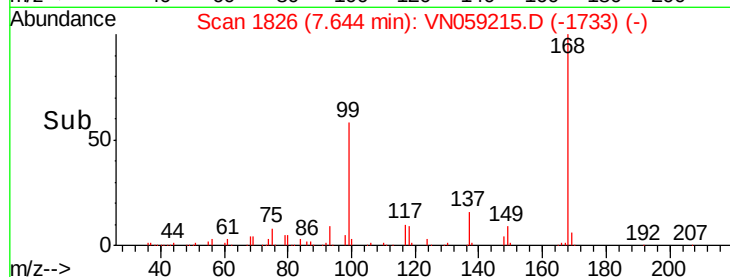
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 13.741 ug/l

RT: 4.77 min Scan# 931

Delta R.T. 0.01 min

Lab File: VN059215.D

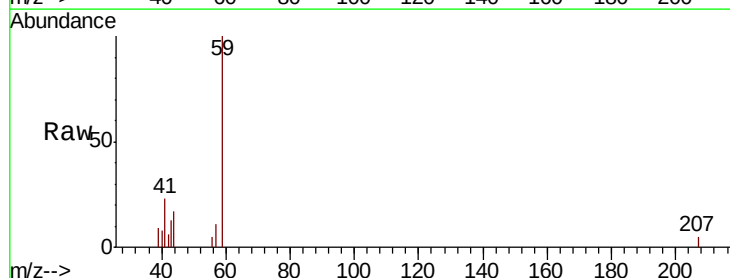
Acq: 13 Nov 2019 17:27

Tgt Ion: 59 Resp: 12660

Ion Ratio Lower Upper

59 100

57 2.7 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN059215.D (-834) (-)

Ion 57.00 (56.70 to 57.70): VN059215.D (-834) (-)

4.77

4000

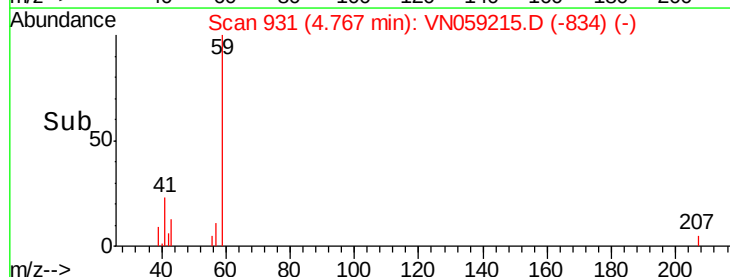
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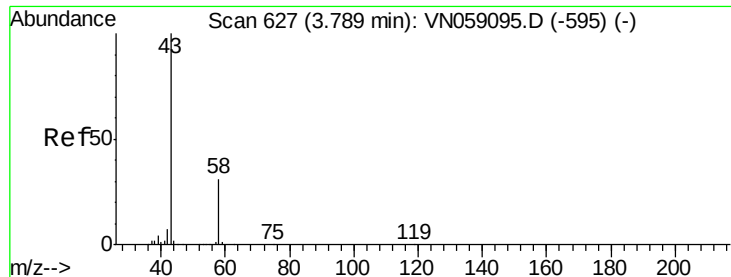
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1000

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Time-->





#16

Acetone

Concen: 10.392 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN059215.D

Acq: 13 Nov 2019 17:27

Instrument :

MSVOA_N

ClientSampled :

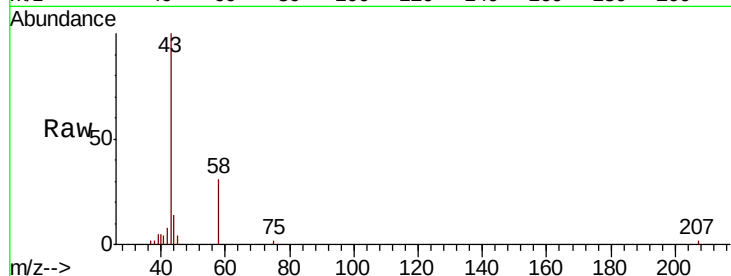
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Tot Ion: 43 Resp: 26127

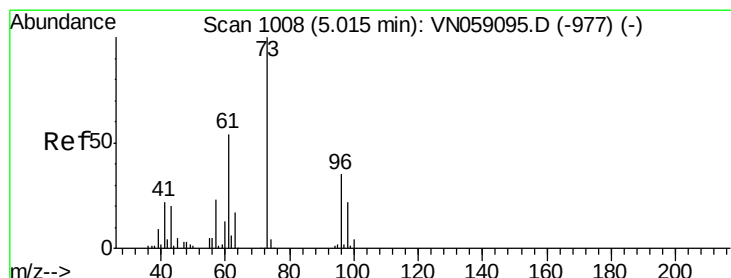
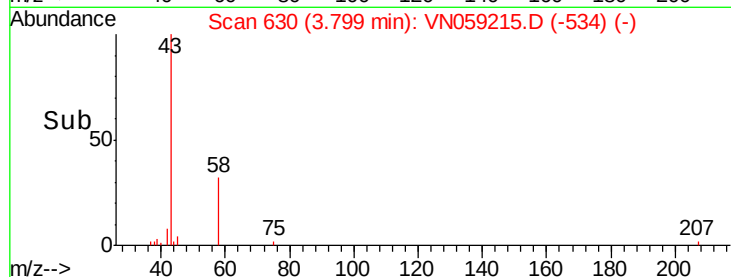
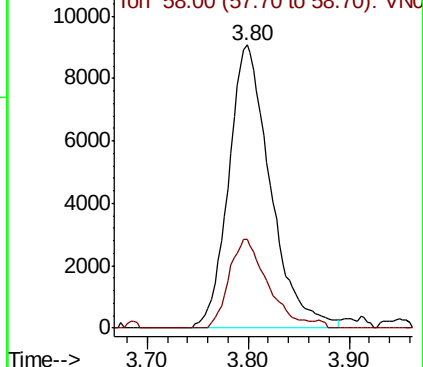
Ion Ratio Lower Upper

43 100

58 31.4 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VN059215.D (-534) (-)



#19

Methyl tert-butyl Ether

Concen: 4.040 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. -0.00 min

Lab File: VN059215.D

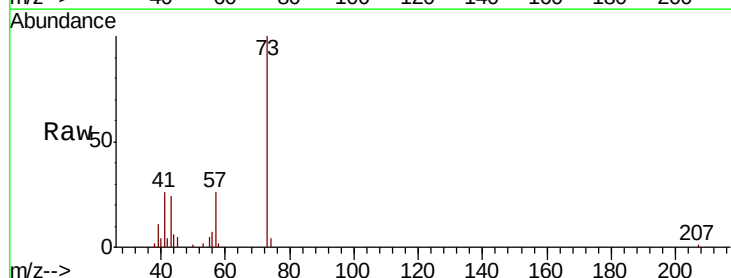
Acq: 13 Nov 2019 17:27

Tgt Ion: 73 Resp: 51033

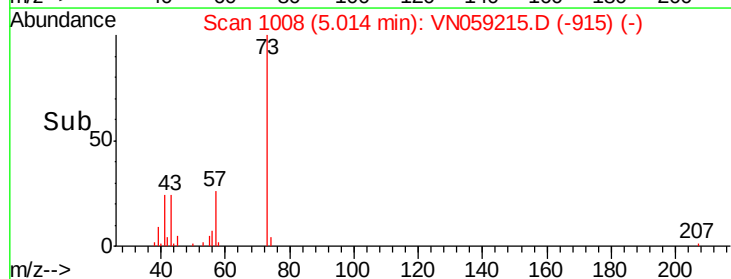
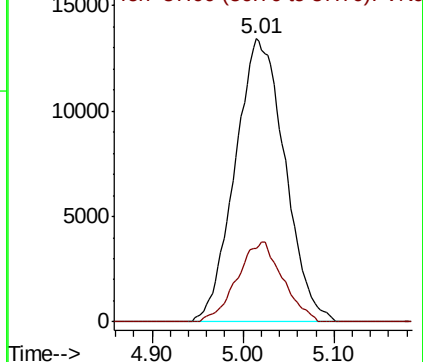
Ion Ratio Lower Upper

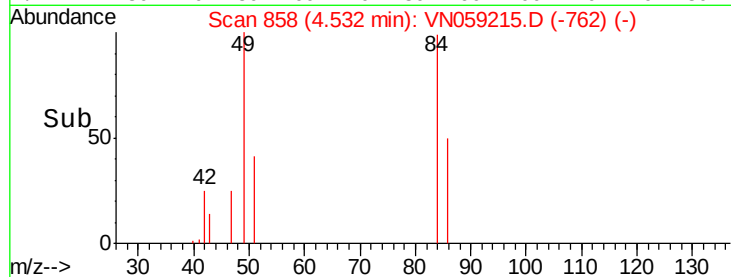
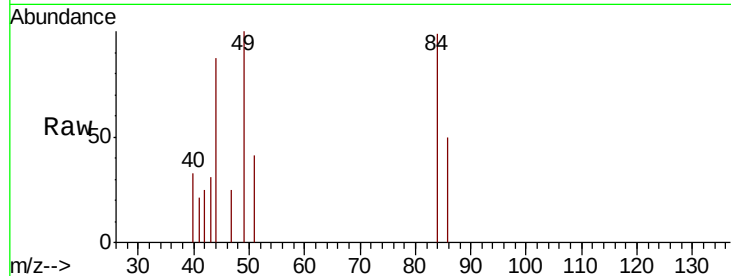
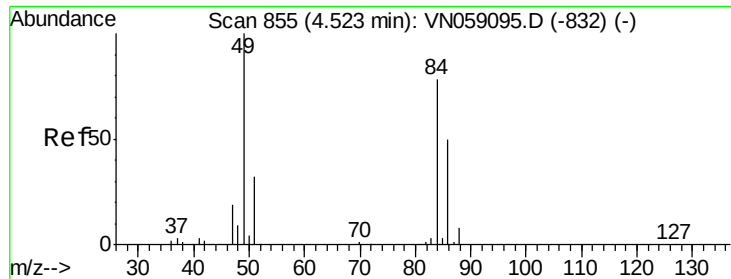
73 100

57 25.8 18.4 27.6



Abundance Ion 73.00 (72.70 to 73.70): VN059215.D (-915) (-)

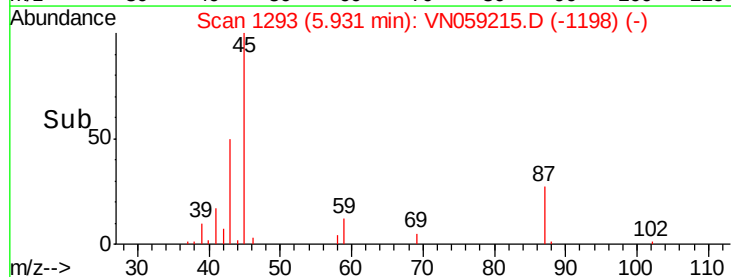
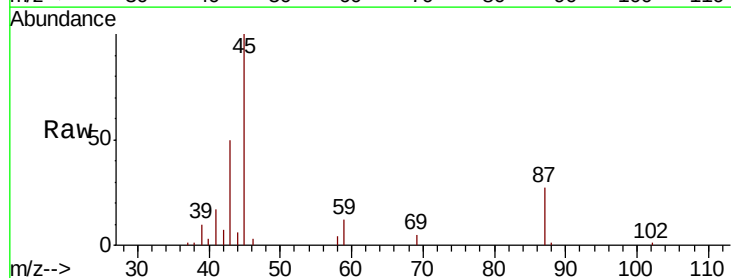
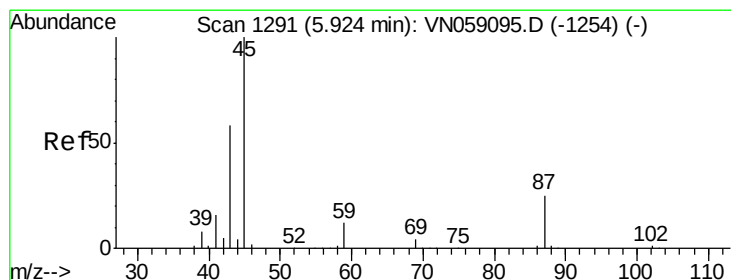
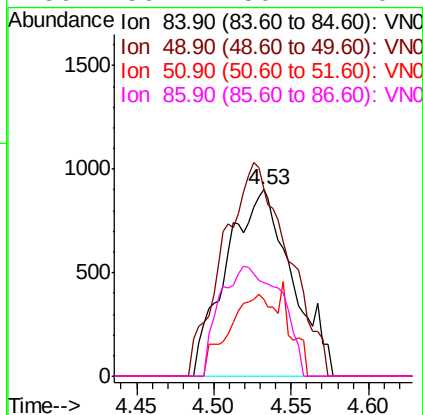




#20
Methylene Chloride
Concen: 0.604 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN059215.D
Acq: 13 Nov 2019 17:27

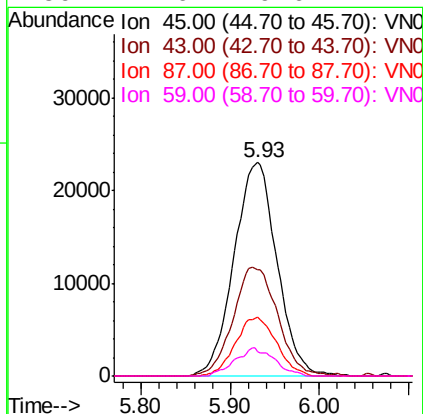
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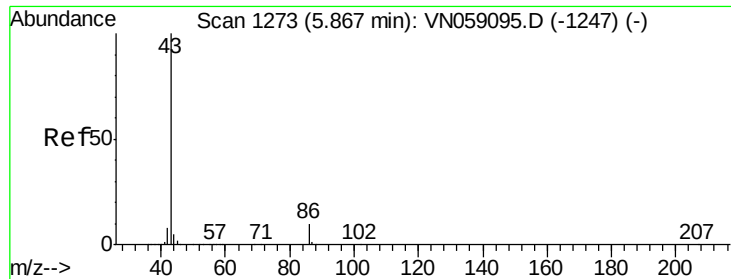
Tot Ion: 84 Resp: 2646
Ion Ratio Lower Upper
84 100
49 100.6 102.0 153.0#
51 41.2 32.2 48.2
86 50.1 50.7 76.1#



#22
Diisopropyl ether
Concen: 5.404 ug/l
RT: 5.93 min Scan# 1293
Delta R.T. 0.01 min
Lab File: VN059215.D
Acq: 13 Nov 2019 17:27

Tgt Ion: 45 Resp: 76918
Ion Ratio Lower Upper
45 100
43 49.9 46.7 70.1
87 27.5 20.5 30.7
59 11.6 9.6 14.4

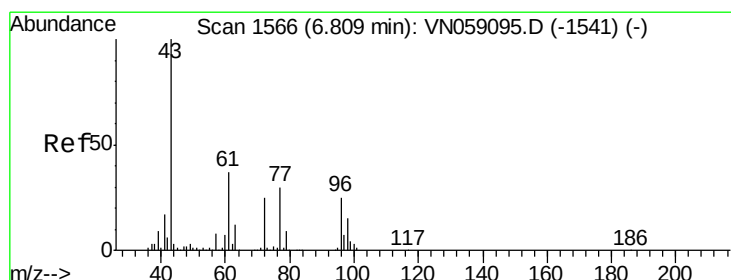
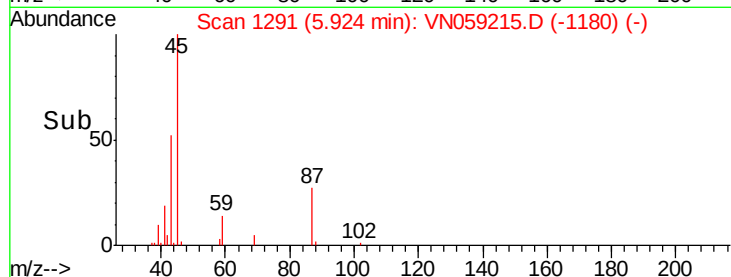
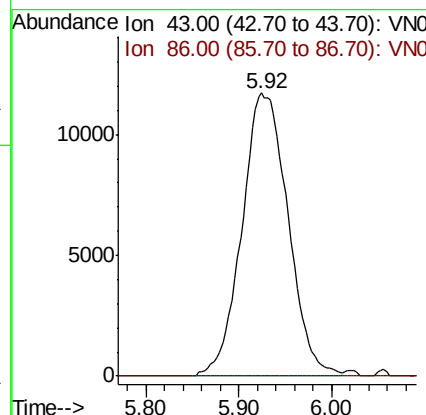
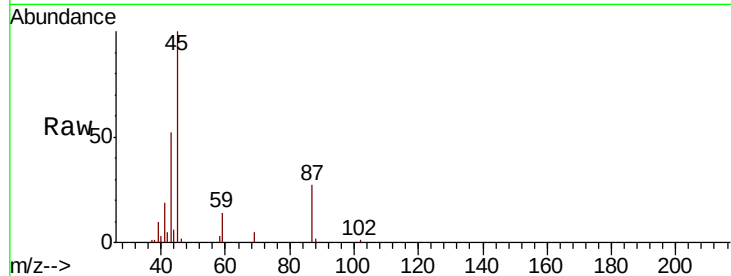




#23
 Vinyl Acetate
 Concen: 3.666 ug/l
 RT: 5.92 min Scan# 1291
 Delta R.T. 0.06 min
 Lab File: VN059215.D
 Acq: 13 Nov 2019 17:27

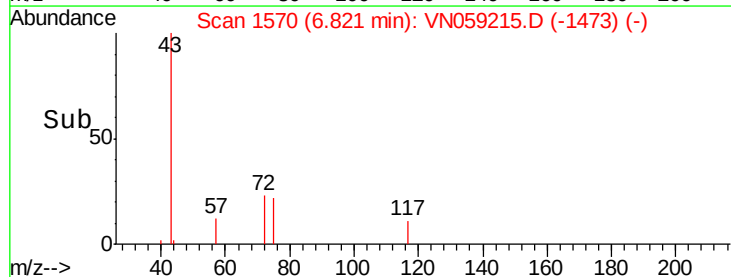
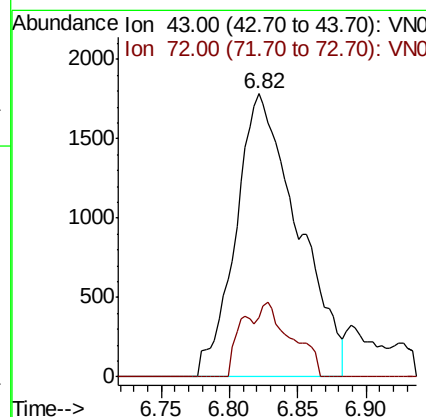
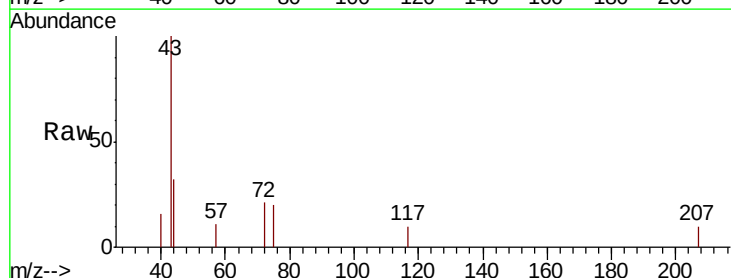
Instrument :
 MSVOA_N
 ClientSampled :
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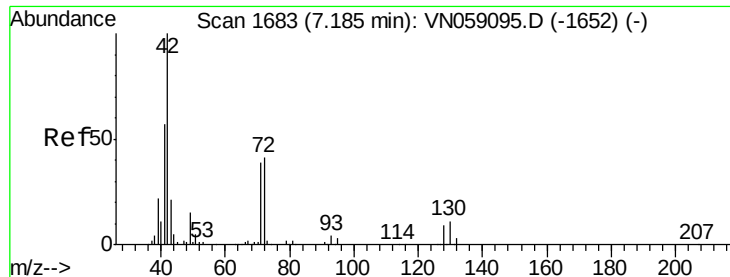
Tot Ion: 43 Resp: 40438
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.7 11.5#



#25
 2-Butanone
 Concen: 1.699 ug/l
 RT: 6.82 min Scan# 1570
 Delta R.T. 0.01 min
 Lab File: VN059215.D
 Acq: 13 Nov 2019 17:27

Tgt Ion: 43 Resp: 5628
 Ion Ratio Lower Upper
 43 100
 72 21.0 20.3 30.5

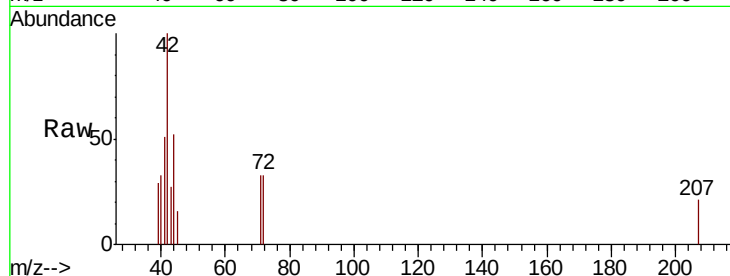




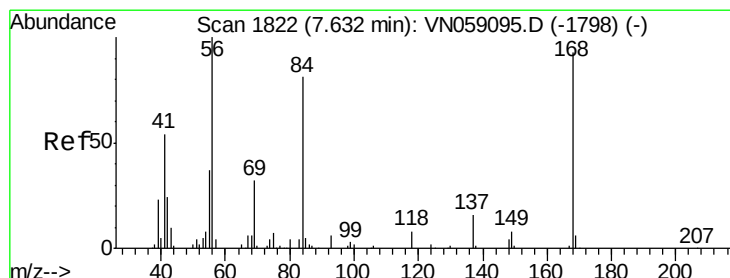
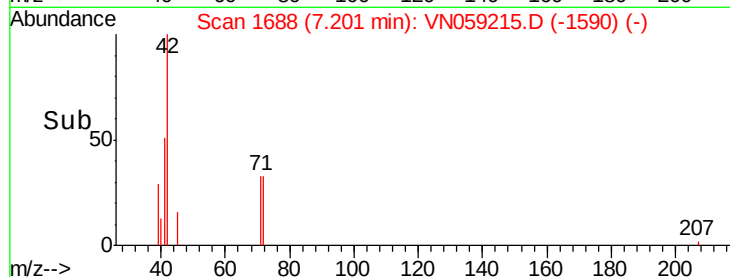
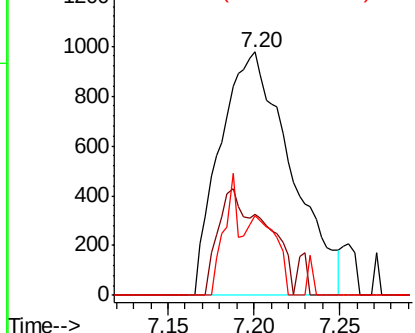
#29
Tetrahydrofuran
Concen: 1.329 ug/l
RT: 7.20 min Scan# 1688
Delta R.T. 0.02 min
Lab File: VN059215.D
Acq: 13 Nov 2019 17:27

Instrument :
MSVOA_N
ClientSampleId :
30662

Tot Ion: 42 Resp: 2798
Ion Ratio Lower Upper
42 100
72 0.0 33.1 49.7#
71 12.8 30.9 46.3#

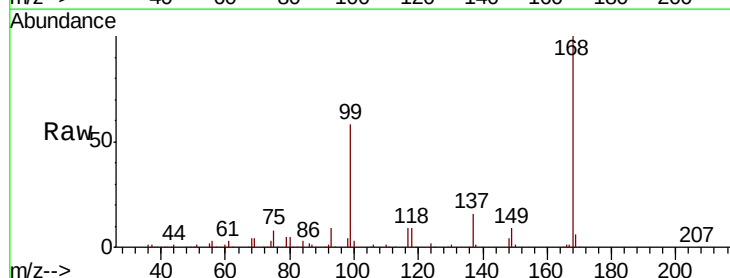


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

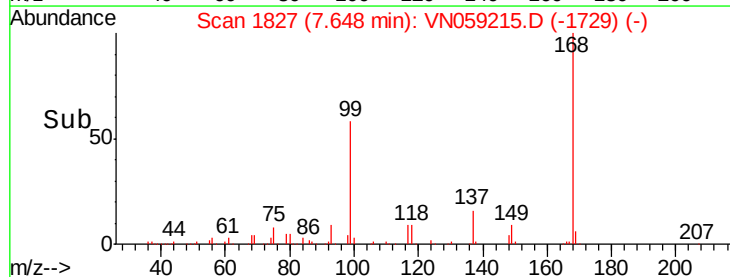
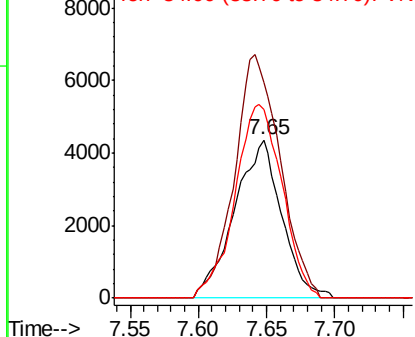


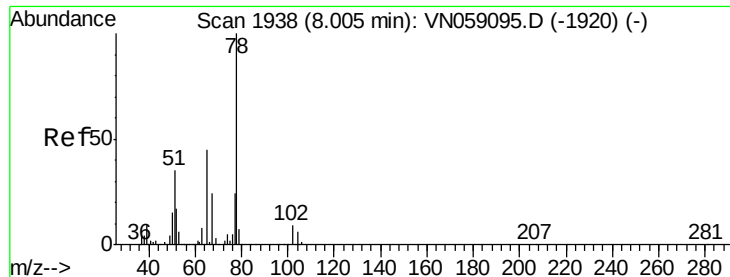
#31
Cyclohexane
Concen: 1.395 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.02 min
Lab File: VN059215.D
Acq: 13 Nov 2019 17:27

Tgt Ion: 56 Resp: 10497
Ion Ratio Lower Upper
56 100
69 135.7 25.8 38.8#
84 118.8 65.0 97.4#



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

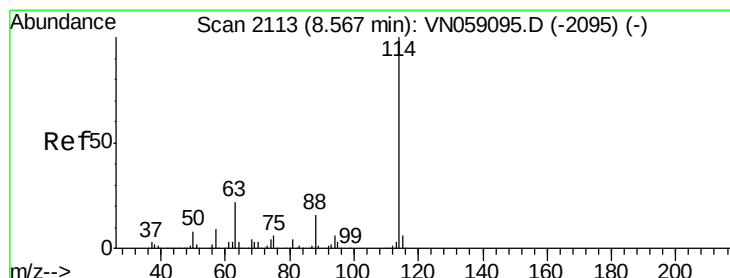
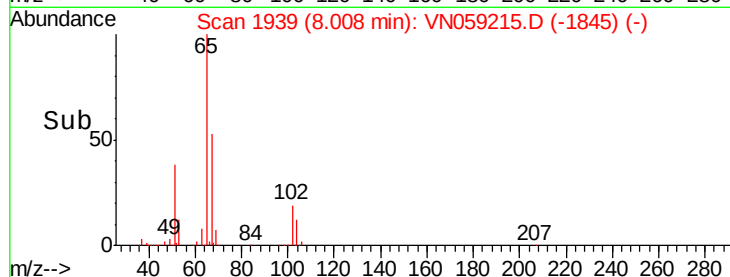
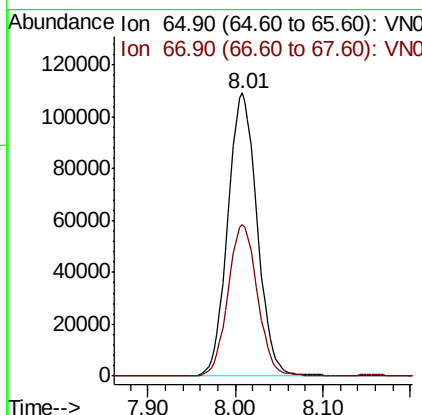
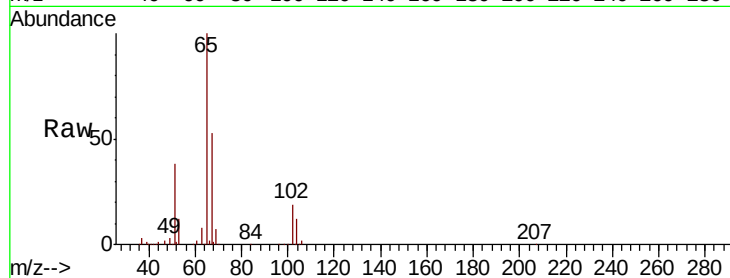




#33
 1,2-Dichloroethane-d4
 Concen: 52.737 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059215.D
 Acq: 13 Nov 2019 17:27

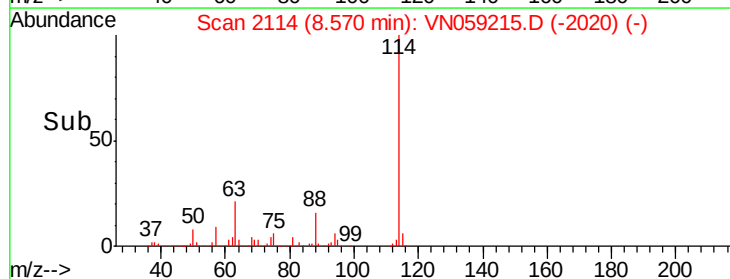
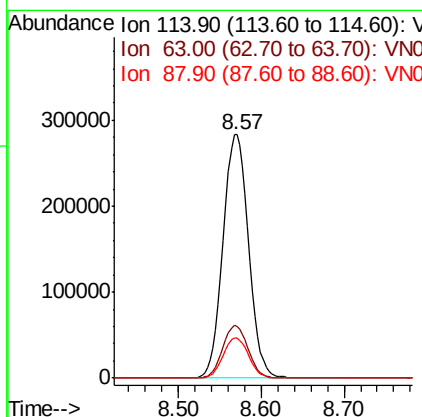
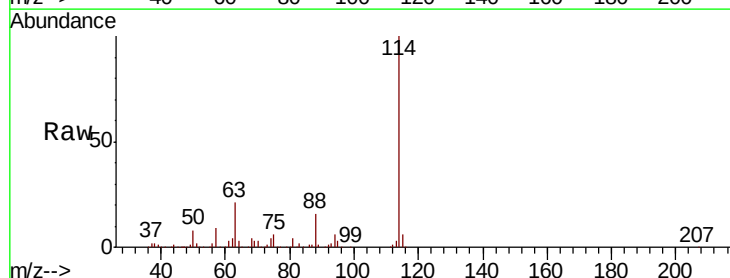
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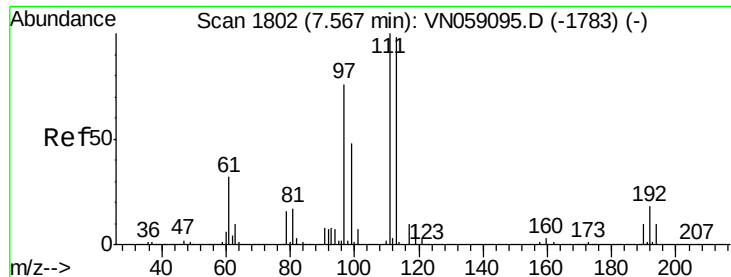
Tot Ion: 65 Resp: 254959
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059215.D
 Acq: 13 Nov 2019 17:27

Tgt Ion: 114 Resp: 607017
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 43.4
 88 16.3 0.0 32.2

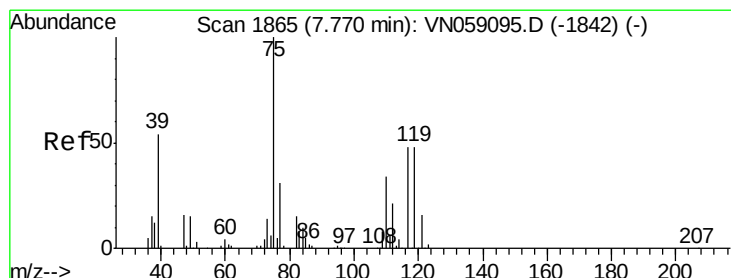
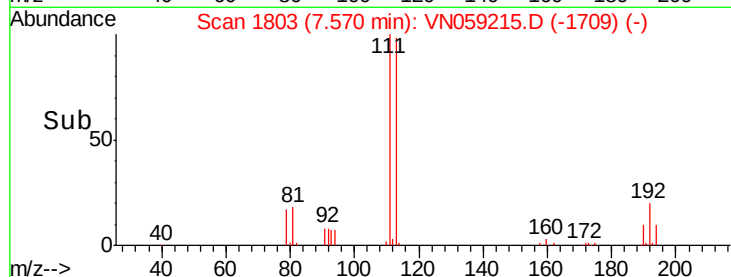
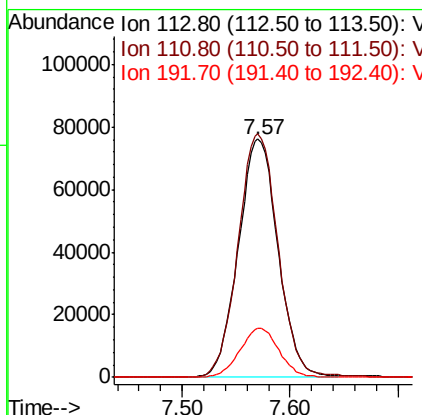
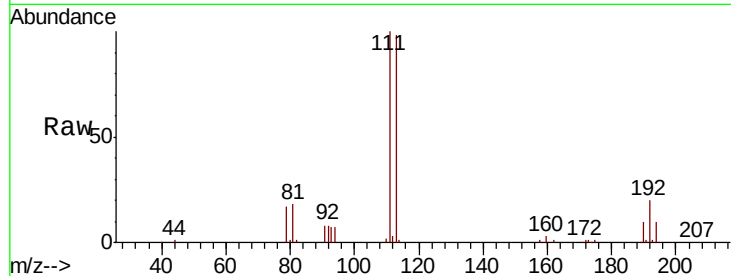




#35
 Dibromofluoromethane
 Concen: 53.709 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059215.D
 Acq: 13 Nov 2019 17:27

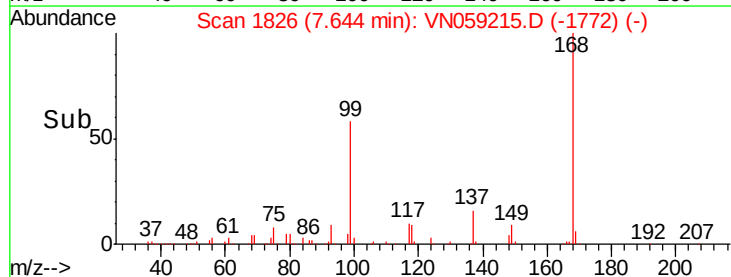
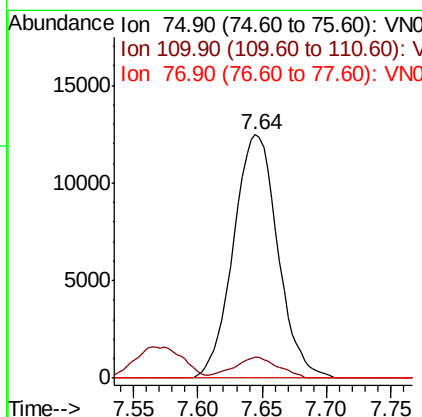
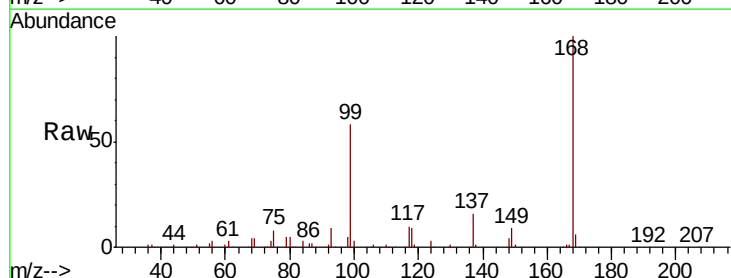
Instrument :
 MSVOA_N
 ClientSampled :
 30662

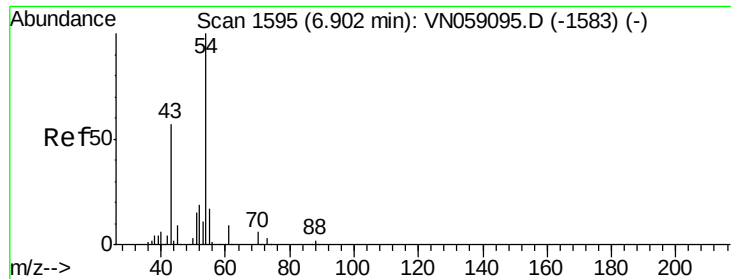
Tot Ion:113 Resp: 194668
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.8 124.2
 192 20.3 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 5.268 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN059215.D
 Acq: 13 Nov 2019 17:27

Tgt Ion: 75 Resp: 29888
 Ion Ratio Lower Upper
 75 100
 110 8.5 17.1 51.2#
 77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 0.892 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. -0.08 min

Lab File: VN059215.D

Acq: 13 Nov 2019 17:27

Instrument :

MSVOA_N

ClientSampleId :

30662

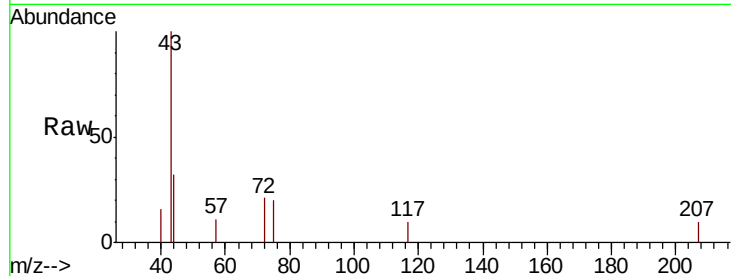
Tot Ion: 43 Resp: 5628

Ion Ratio Lower Upper

43 100

61 0.0 11.2 16.8#

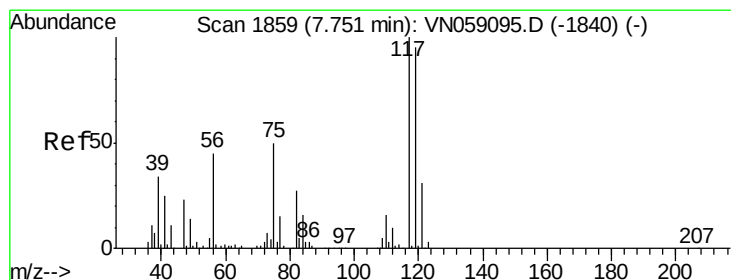
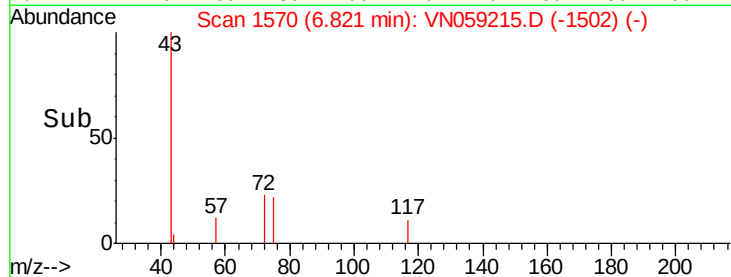
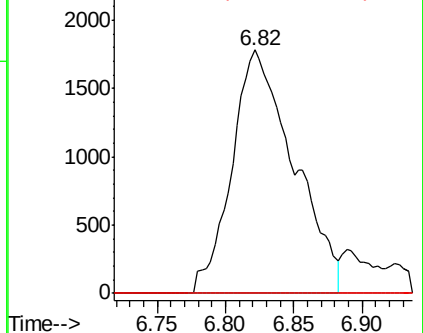
70 0.0 7.8 11.8#



Abundance Ion 43.00 (42.70 to 43.70): VN059215.D (-1570) (-)

Ion 60.90 (60.60 to 61.60): VN059215.D (-1570) (-)

Ion 70.00 (69.70 to 70.70): VN059215.D (-1570) (-)



#38

Carbon Tetrachloride

Concen: 6.584 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.11 min

Lab File: VN059215.D

Acq: 13 Nov 2019 17:27

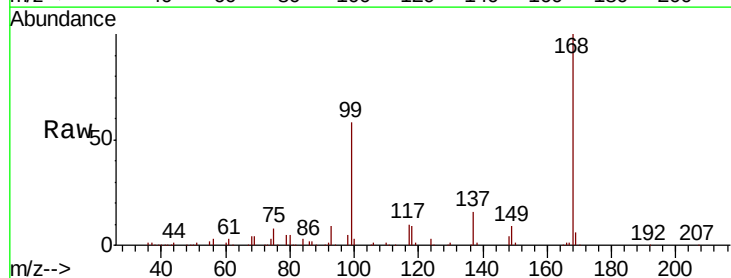
Tgt Ion: 117 Resp: 37181

Ion Ratio Lower Upper

117 100

119 5.3 75.6 113.4#

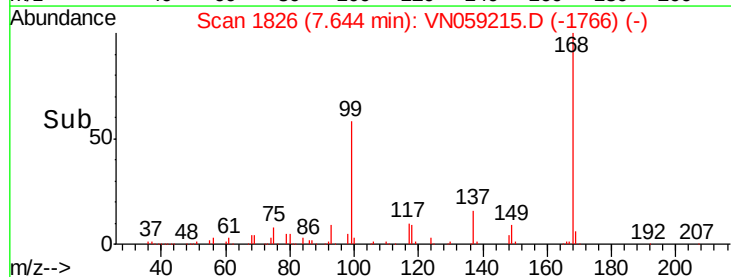
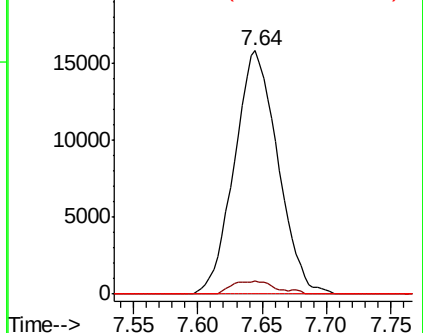
121 0.0 24.6 36.8#

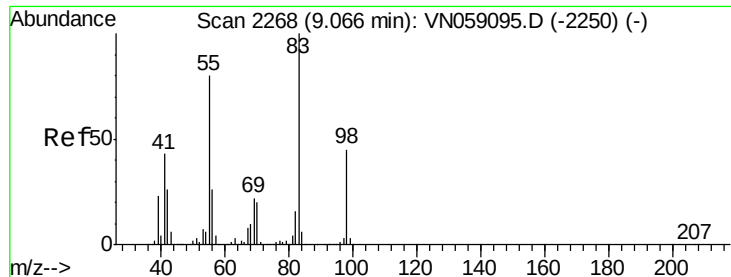


Abundance Ion 116.80 (116.50 to 117.50): VN059215.D (-1826) (-)

Ion 118.80 (118.50 to 119.50): VN059215.D (-1826) (-)

Ion 120.80 (120.50 to 121.50): VN059215.D (-1826) (-)

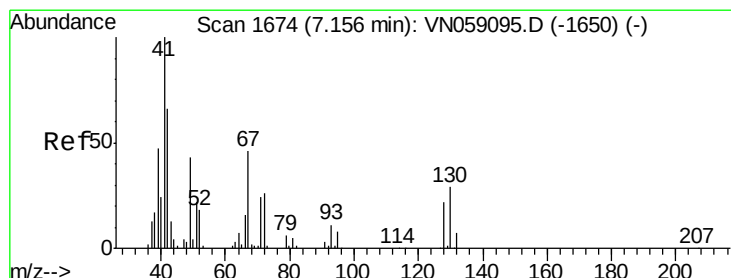
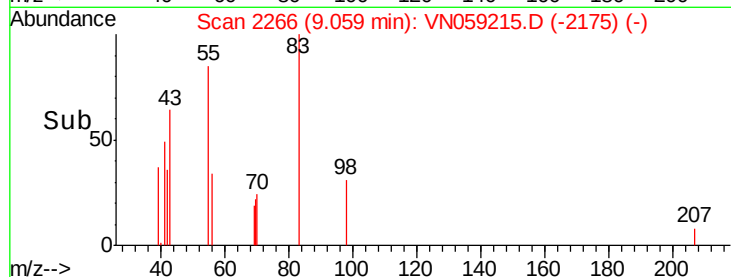
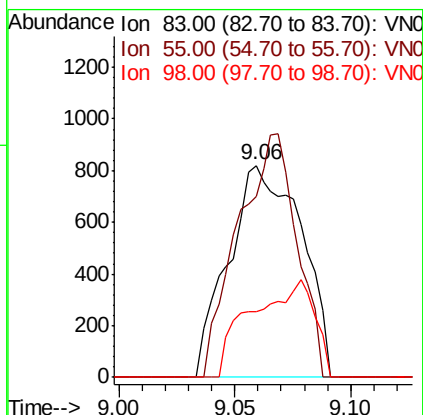
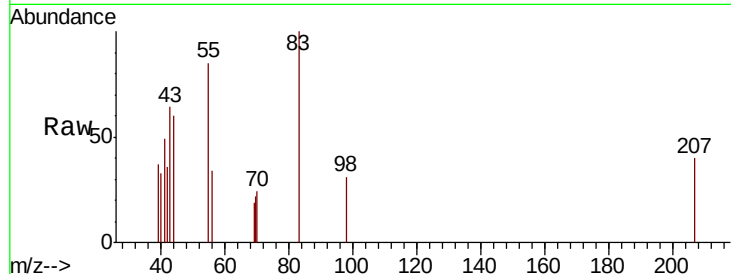




#39
Methylvlcyclohexane
Concen: 0.273 ug/l
RT: 9.06 min Scan# 2266
Delta R.T. -0.01 min
Lab File: VN059215.D
Acq: 13 Nov 2019 17:27

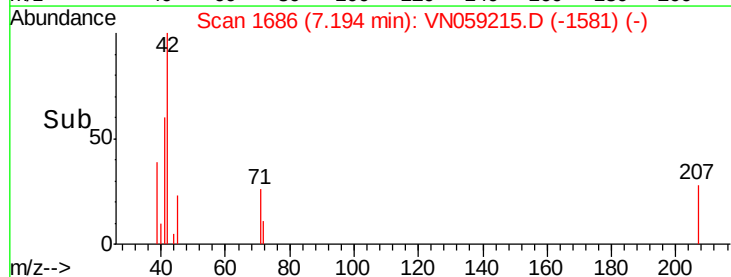
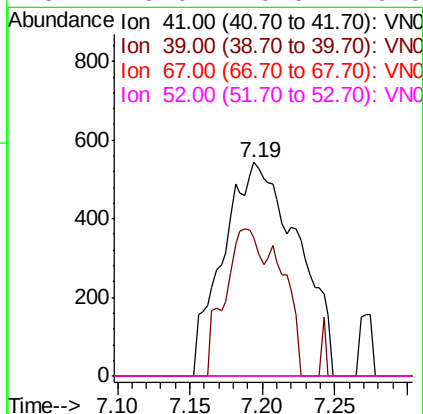
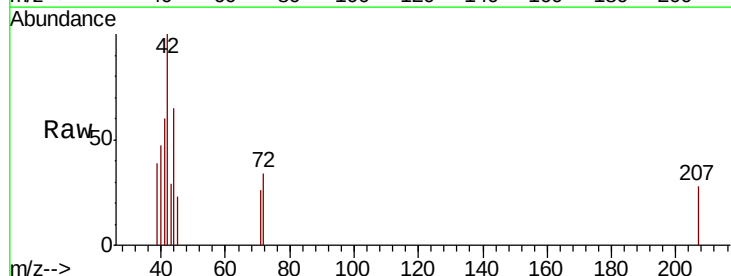
Instrument :
MSVOA_N
ClientSampled :
30662

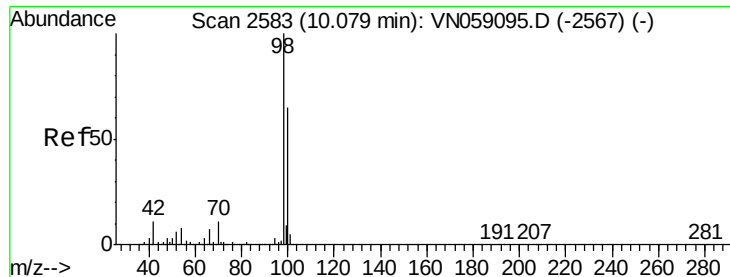
Tot Ion: 83 Resp: 1796
Ion Ratio Lower Upper
83 100
55 85.5 63.9 95.9
98 30.9 35.6 53.4#



#41
Methacrylonitrile
Concen: 0.713 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. 0.04 min
Lab File: VN059215.D
Acq: 13 Nov 2019 17:27

Tgt Ion: 41 Resp: 1958
Ion Ratio Lower Upper
41 100
39 33.1 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0





#50

Toluene-d8

Concen: 52.293 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059215.D

Acq: 13 Nov 2019 17:27

Instrument :

MSVOA_N

ClientSampled :

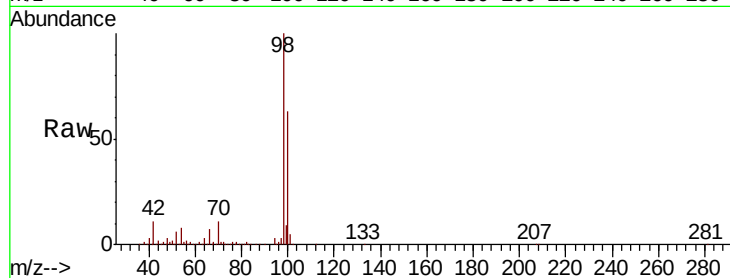
30662

Tot Ion: 98 Resp: 746563

Ion Ratio Lower Upper

98 100

100 64.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN059215.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN059215.D (-2567) (-)

10.08

400000

300000

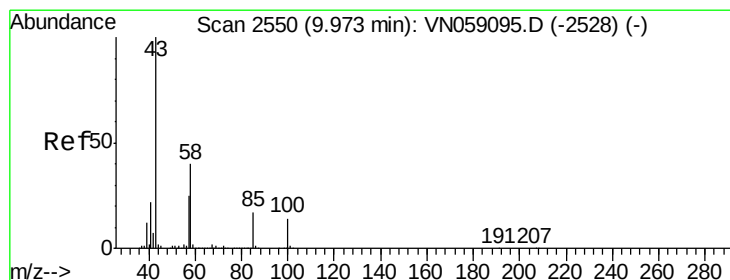
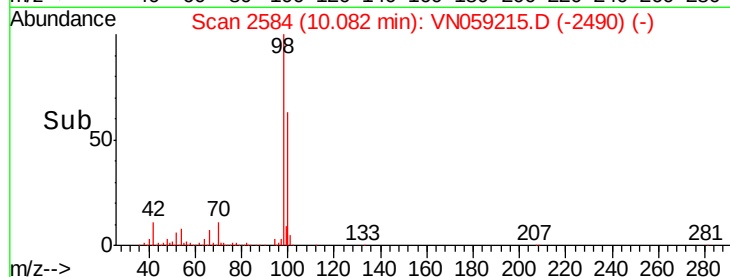
200000

100000

0

10.00 10.10 10.20

Time-->



#51

4-Methyl-2-Pentanone

Concen: 2.374 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN059215.D

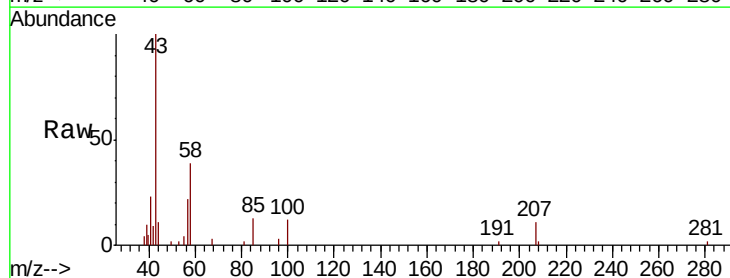
Acq: 13 Nov 2019 17:27

Tgt Ion: 43 Resp: 13517

Ion Ratio Lower Upper

43 100

58 40.8 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VN059215.D (-2457) (-)

Ion 58.00 (57.70 to 58.70): VN059215.D (-2457) (-)

9.98

8000

6000

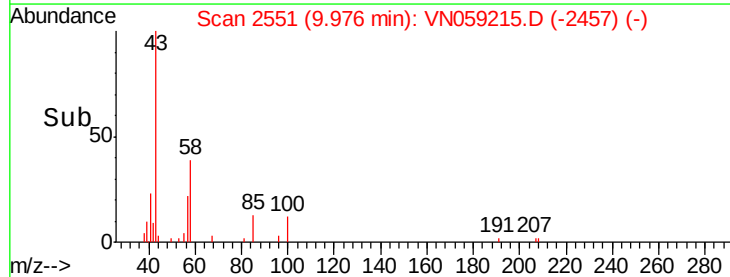
4000

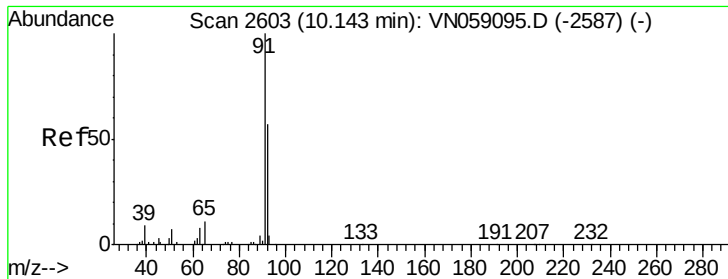
2000

0

9.90 9.95 10.00 10.05

Time-->





#52

Toluene

Concen: 0.527 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN059215.D

Acq: 13 Nov 2019 17:27

Instrument :

MSVOA_N

ClientSampled :

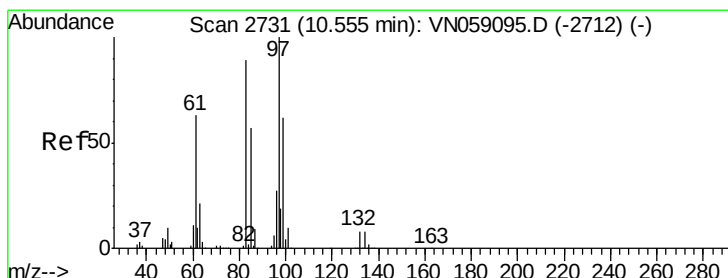
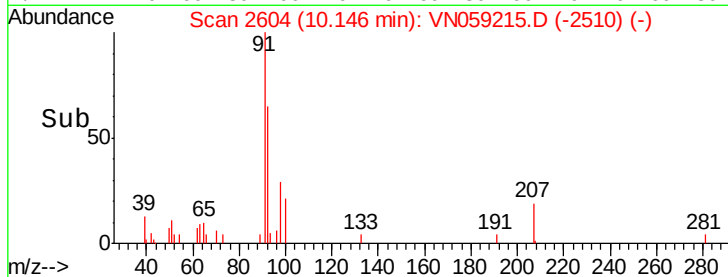
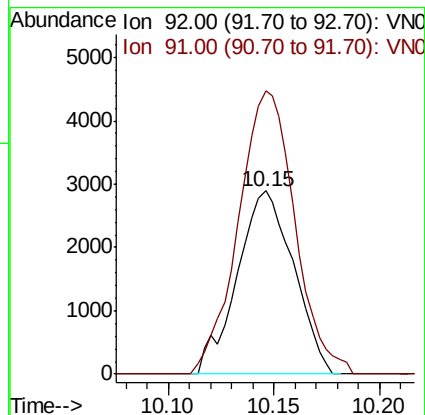
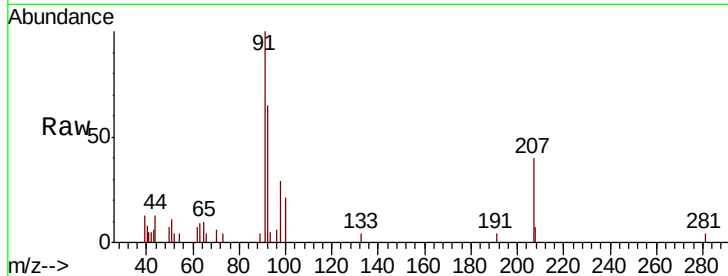
30662

Tot Ion: 92 Resp: 5394

Ion Ratio Lower Upper

92 100

91 154.7 139.5 209.3



#55

1,1,2-Trichloroethane

Concen: 0.418 ug/l

RT: 10.53 min Scan# 2723

Delta R.T. -0.03 min

Lab File: VN059215.D

Acq: 13 Nov 2019 17:27

Tgt Ion: 97 Resp: 1734

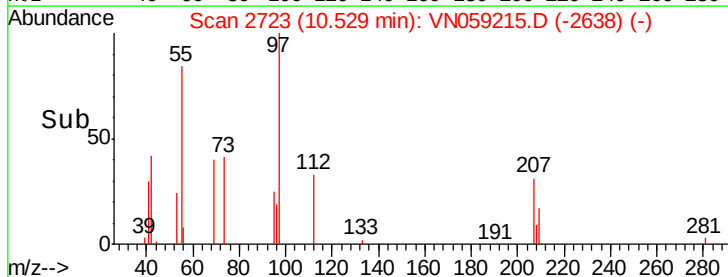
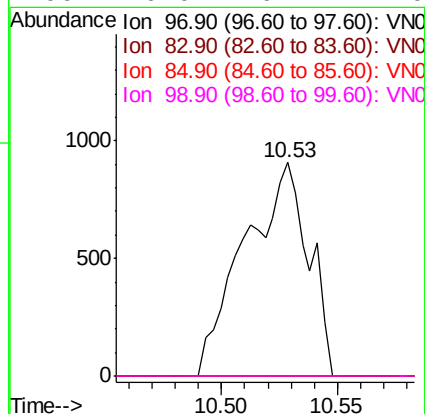
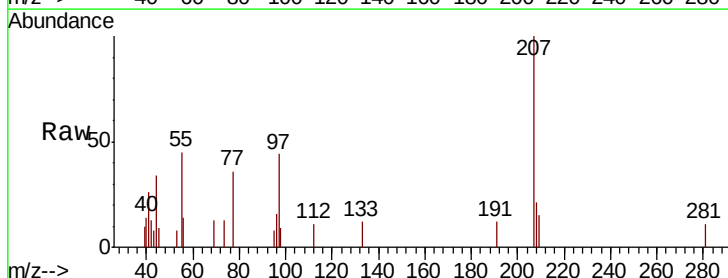
Ion Ratio Lower Upper

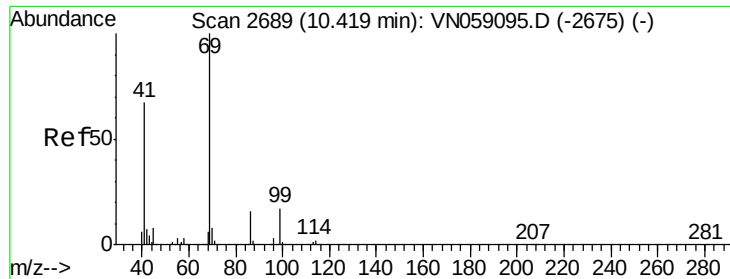
97 100

83 0.0 71.0 106.4#

85 0.0 45.8 68.8#

99 0.0 49.4 74.0#





#56

Ethyl methacrylate

Concen: 1.919 ug/l

RT: 10.42 min Scan# 2690

Delta R.T. 0.00 min

Lab File: VN059215.D

Acq: 13 Nov 2019 17:27

Instrument :

MSVOA_N

ClientSampled :

30662

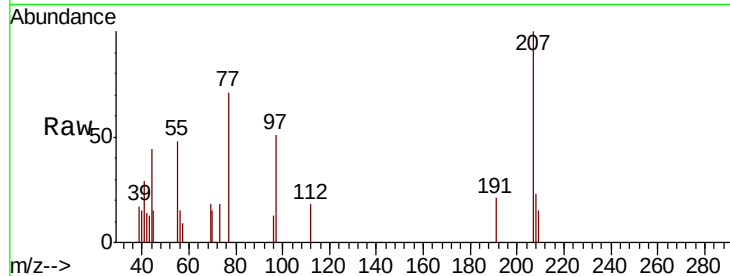
Tot Ion: 69 Resp: 327

Ion Ratio Lower Upper

69 100

41 321.1 53.6 80.4#

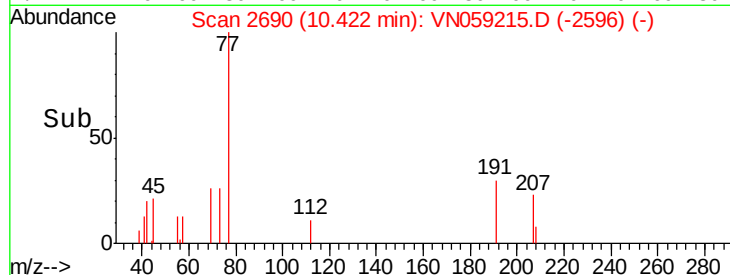
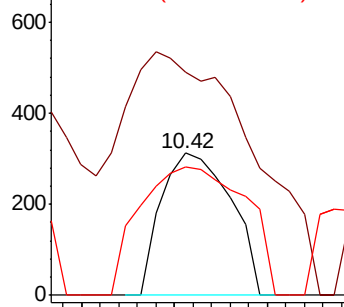
39 136.4 26.2 39.4#



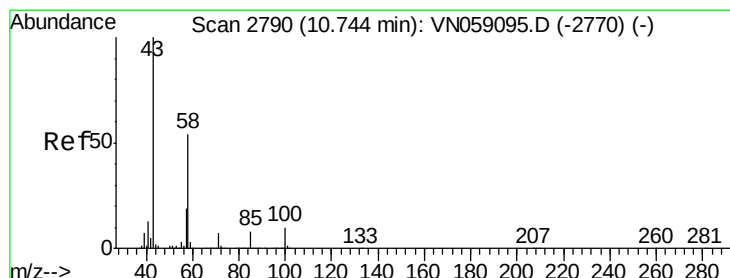
Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



Time-->



#59

2-Hexanone

Concen: 0.564 ug/l

RT: 10.72 min Scan# 2781

Delta R.T. -0.03 min

Lab File: VN059215.D

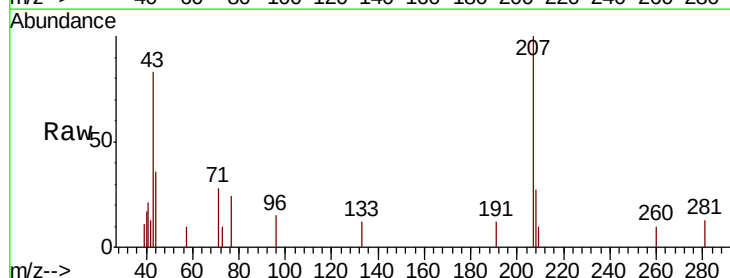
Acq: 13 Nov 2019 17:27

Tgt Ion: 43 Resp: 2465

Ion Ratio Lower Upper

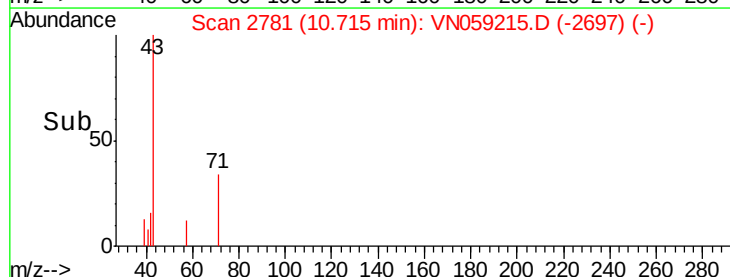
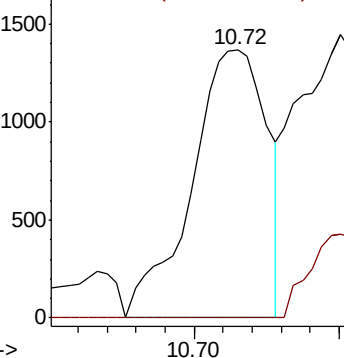
43 100

58 0.0 27.3 81.8#

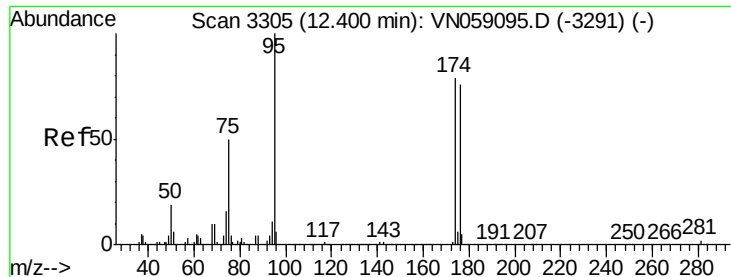


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



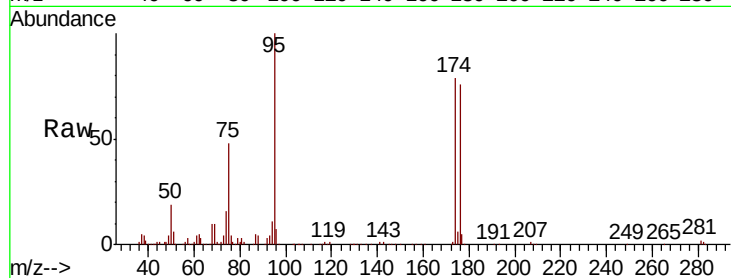
Time-->



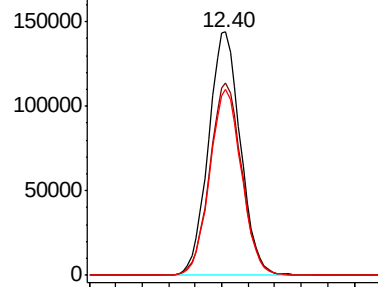
#62
4-Bromofluorobenzene
Concen: 46.877 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN059215.D
Acq: 13 Nov 2019 17:27

Instrument :
MSVOA_N
ClientSampleId :
30662

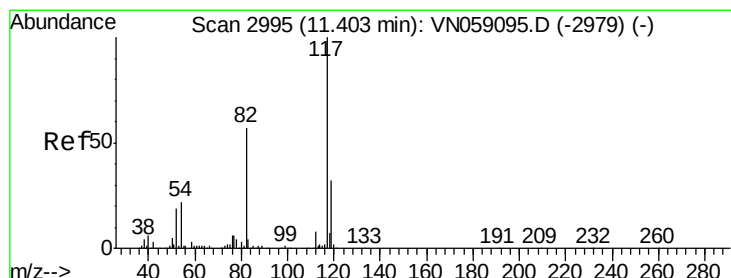
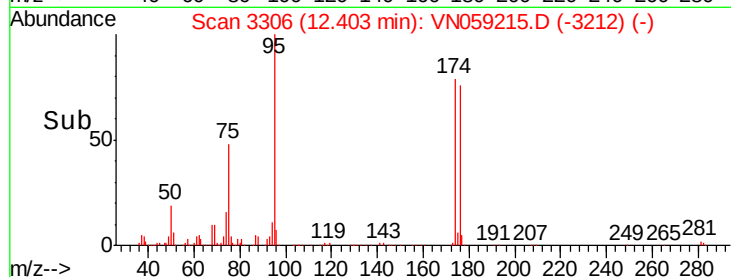
Tot Ion	Ratio	Lower	Upper
95	100		
174	79.2	0.0	158.2
176	75.9	0.0	151.8



Abundance Ion 94.90 (94.60 to 95.60): VN059095.D (-3291) (-)
Ion 173.80 (173.50 to 174.50): VN059095.D (-3291) (-)
Ion 175.80 (175.50 to 176.50): VN059095.D (-3291) (-)

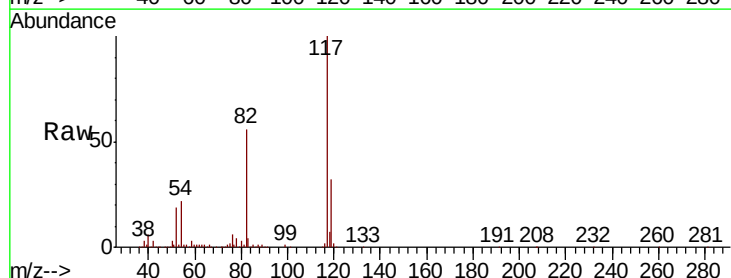


Time--> 12.30 12.40 12.50

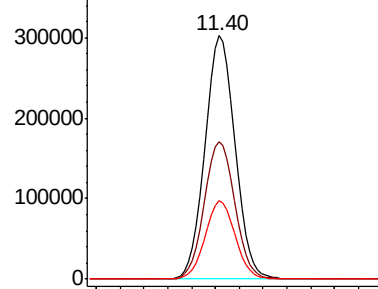


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059215.D
Acq: 13 Nov 2019 17:27

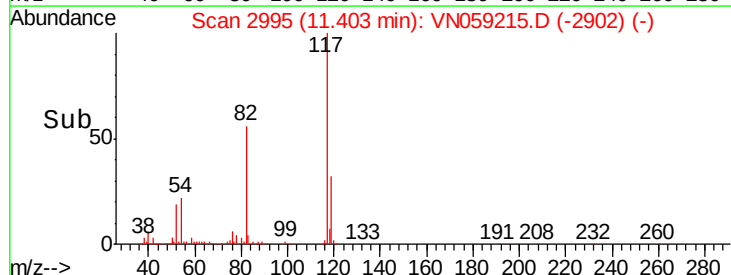
Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.3	45.8	68.8
119	32.0	25.8	38.6

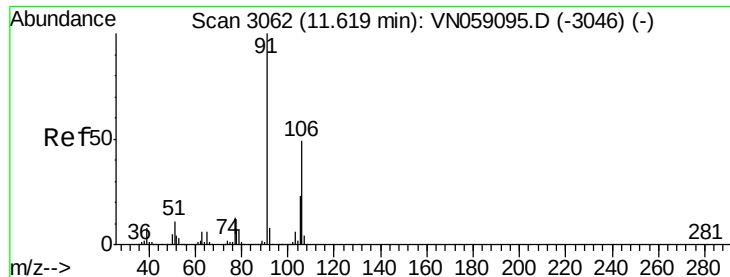


Abundance Ion 116.90 (116.60 to 117.60): VN059095.D (-2979) (-)
Ion 82.00 (81.70 to 82.70): VN059095.D (-2979) (-)
Ion 118.90 (118.60 to 119.60): VN059095.D (-2979) (-)



Time--> 11.30 11.40 11.50





#68

m/p-Xylenes

Concen: 2.816 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN059215.D

Acq: 13 Nov 2019 17:27

Instrument :

MSVOA_N

ClientSampleId :

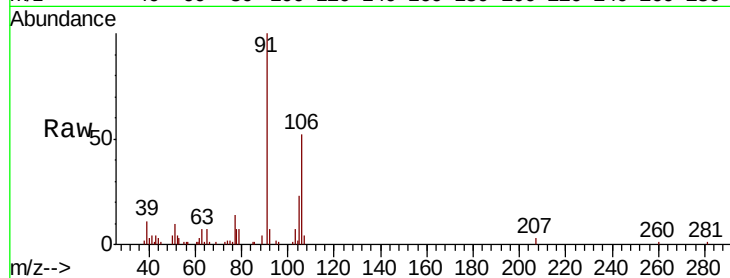
30662

Tot Ion:106 Resp: 19374

Ion Ratio Lower Upper

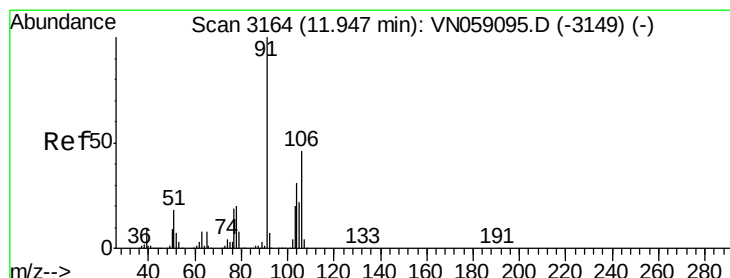
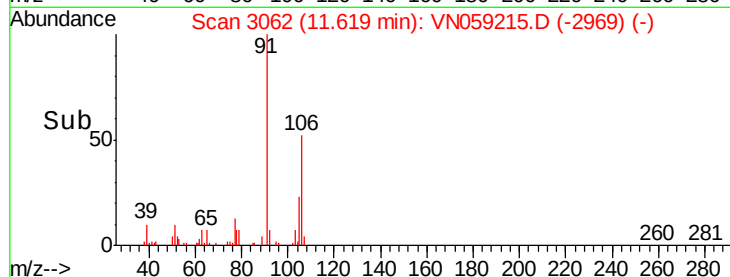
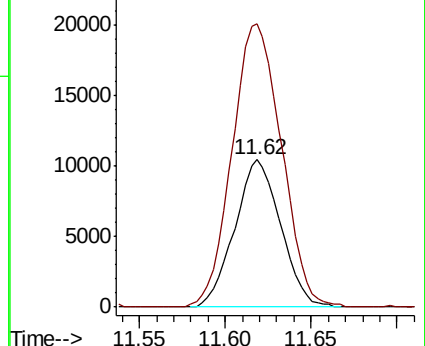
106 100

91 206.8 164.7 247.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#69

o-Xylene

Concen: 10.137 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. -0.00 min

Lab File: VN059215.D

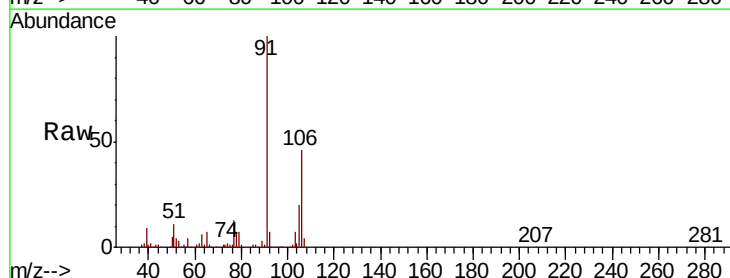
Acq: 13 Nov 2019 17:27

Tgt Ion:106 Resp: 67405

Ion Ratio Lower Upper

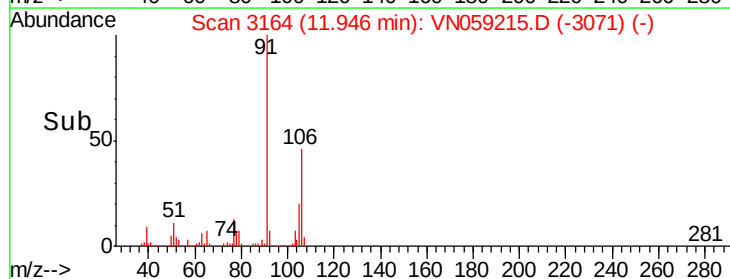
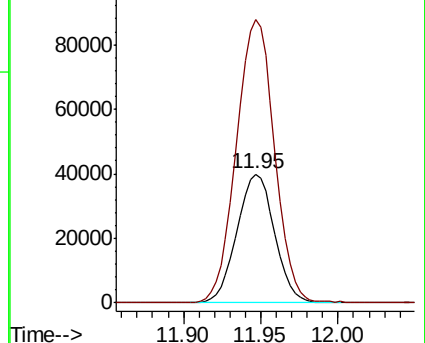
106 100

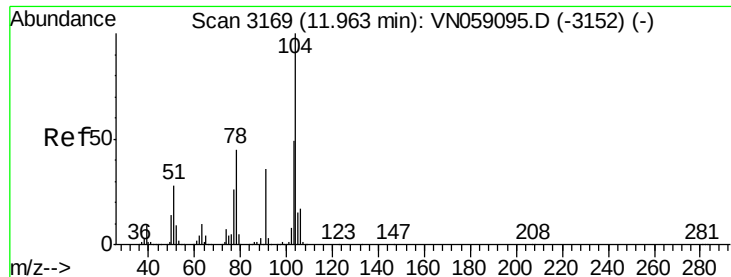
91 223.2 110.1 330.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN

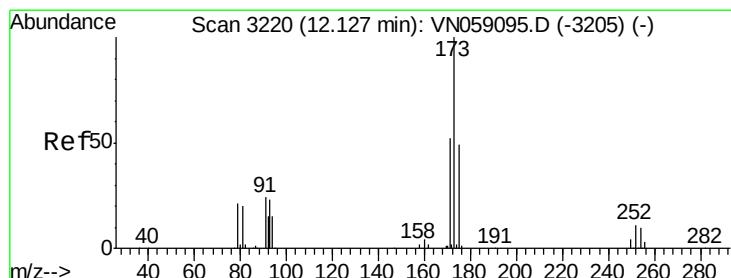
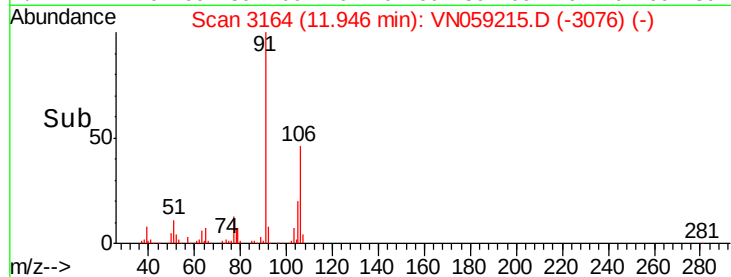
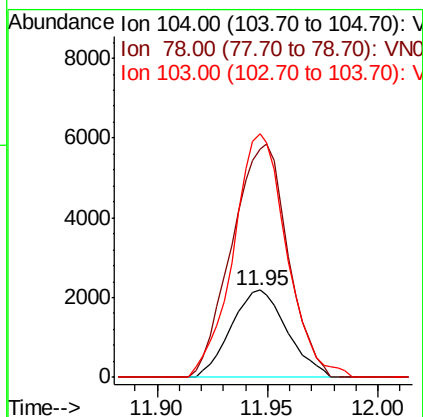
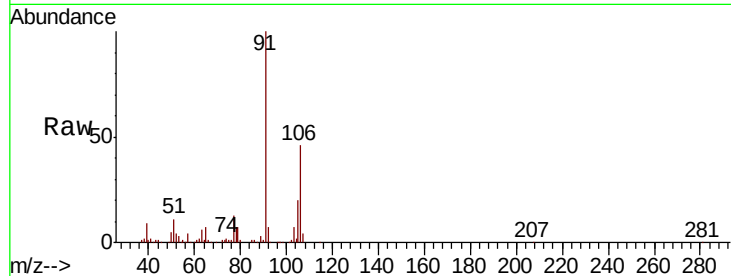




#70
Stvrene
Concen: 0.367 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.02 min
Lab File: VN059215.D
Acq: 13 Nov 2019 17:27

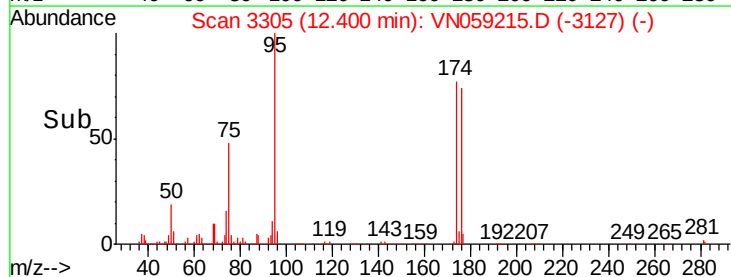
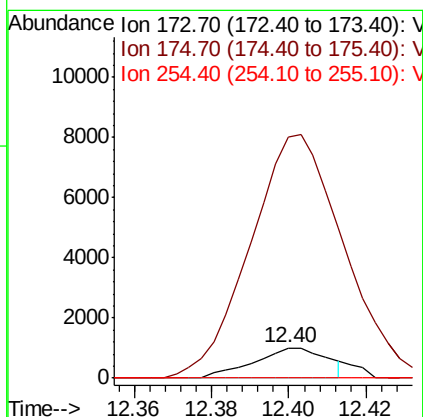
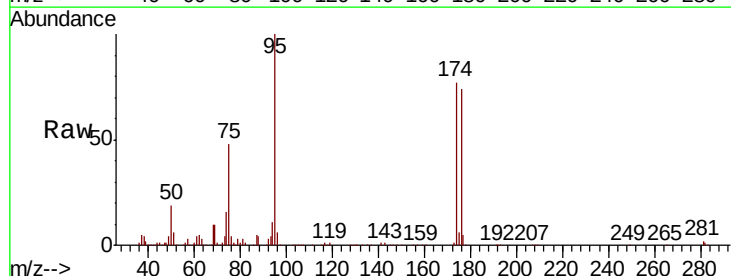
Instrument :
MSVOA_N
ClientSampleId :
30662

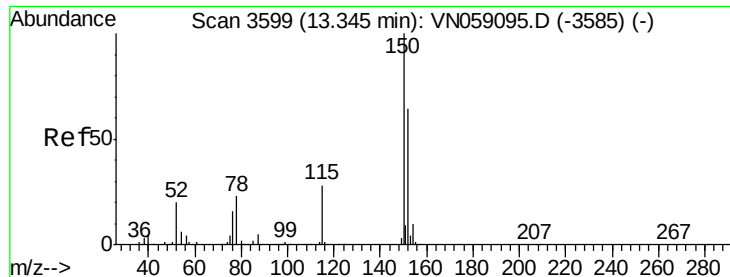
Tot Ion:104 Resp: 3835
Ion Ratio Lower Upper
104 100
78 268.2 41.2 61.8#
103 266.8 43.8 65.6#



#71
Bromoform
Concen: 0.436 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN059215.D
Acq: 13 Nov 2019 17:27

Tgt Ion:173 Resp: 1317
Ion Ratio Lower Upper
173 100
175 878.3 24.2 72.6#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059215.D

Acq: 13 Nov 2019 17:27

Instrument :

MSVOA_N

ClientSampleId :

30662

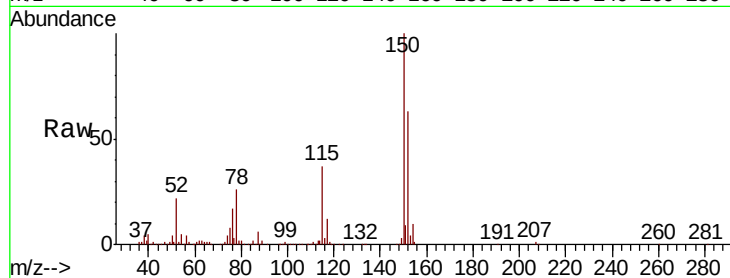
Tot Ion:152 Resp: 204344

Ion Ratio Lower Upper

152 100

115 61.9 29.4 88.2

150 158.1 0.0 345.8

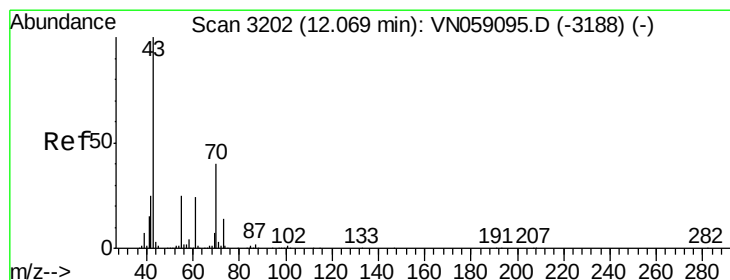
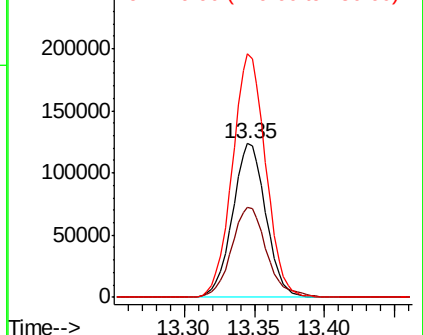
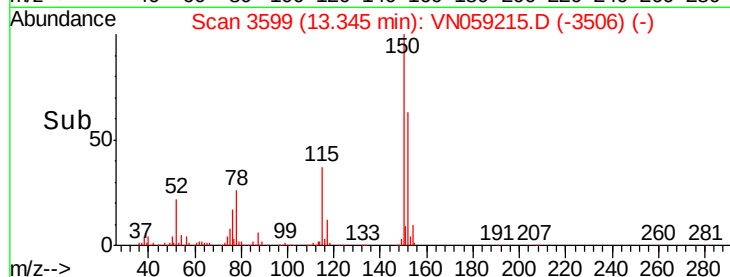


Abundance

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: 0.338 ug/l

RT: 12.04 min Scan# 3192

Delta R.T. -0.03 min

Lab File: VN059215.D

Acq: 13 Nov 2019 17:27

Tgt Ion: 43 Resp: 2127

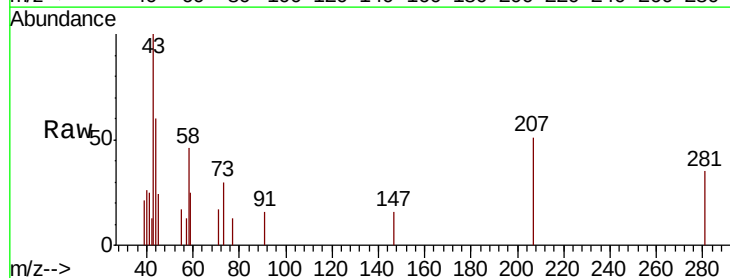
Ion Ratio Lower Upper

43 100

70 0.0 32.2 48.4#

55 8.7 20.4 30.6#

61 0.0 19.3 28.9#



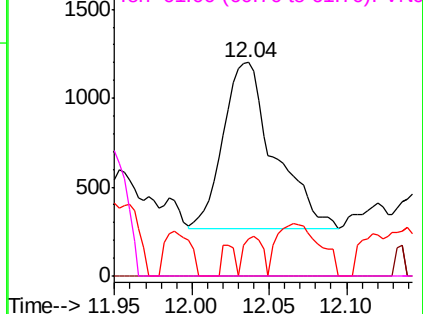
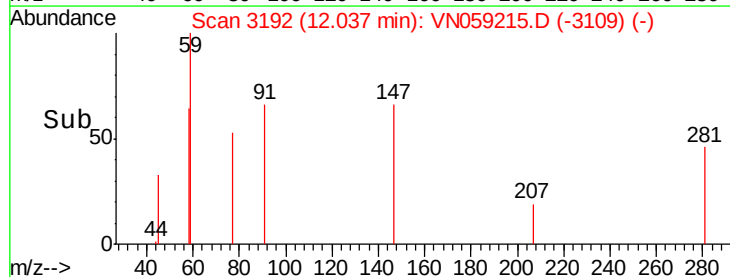
Abundance

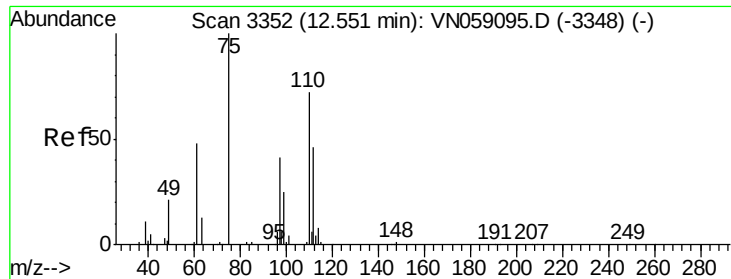
Ion 43.00 (42.70 to 43.70): V

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

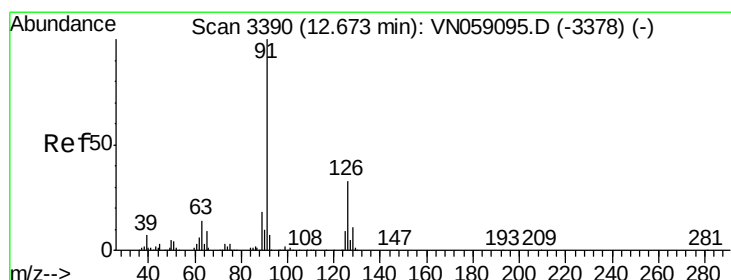
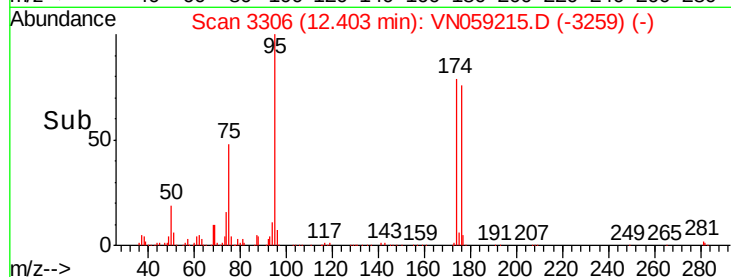
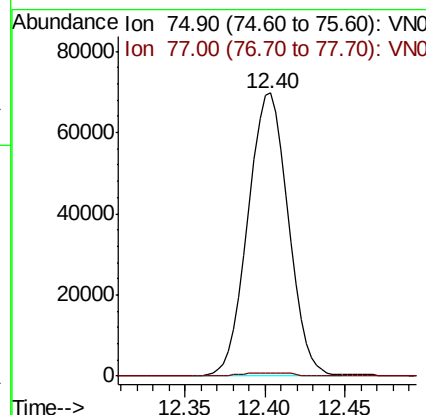
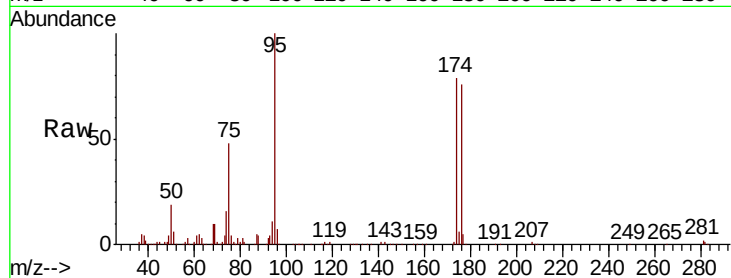




#76
 1,2,3-Trichloropropane
 Concen: 25.864 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. -0.15 min
 Lab File: VN059215.D
 Acq: 13 Nov 2019 17:27

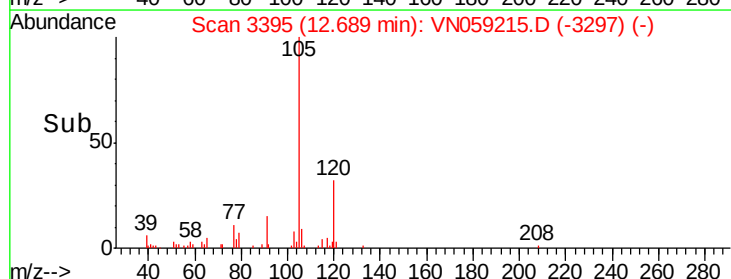
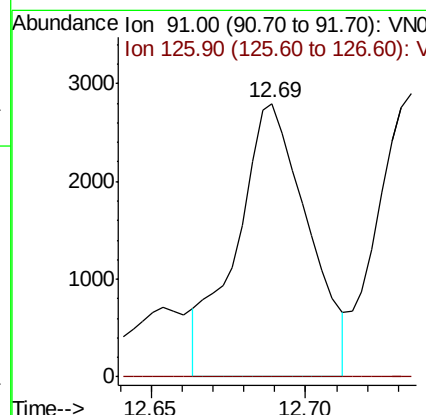
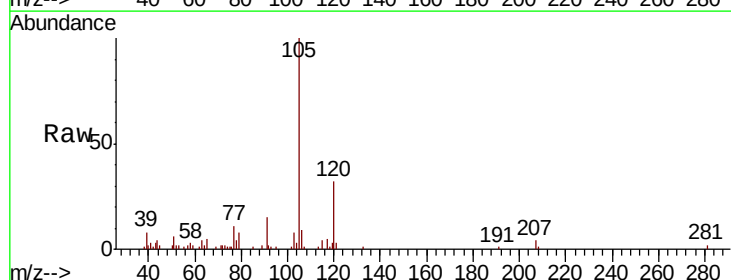
Instrument :
 MSVOA_N
 ClientSampleId :
 30662

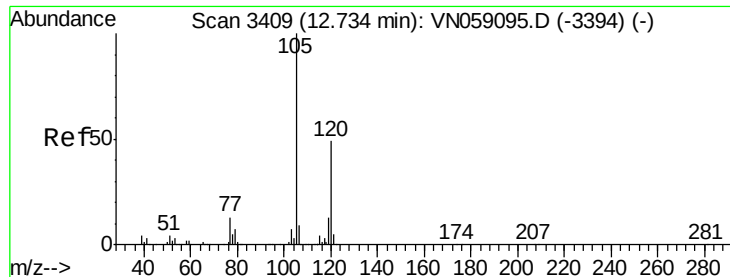
Tot Ion: 75 Resp: 120326
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#79
 2-Chlorotoluene
 Concen: 0.427 ug/l
 RT: 12.69 min Scan# 3395
 Delta R.T. 0.02 min
 Lab File: VN059215.D
 Acq: 13 Nov 2019 17:27

Tgt Ion: 91 Resp: 4510
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.7 50.1#





#80

1,3,5-Trimethylbenzene

Concen: 3.485 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN059215.D

Acq: 13 Nov 2019 17:27

Instrument :

MSVOA_N

ClientSampled :

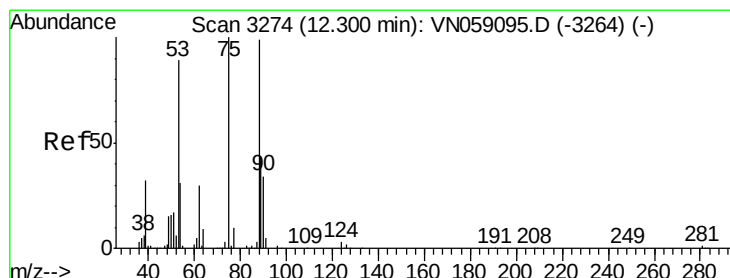
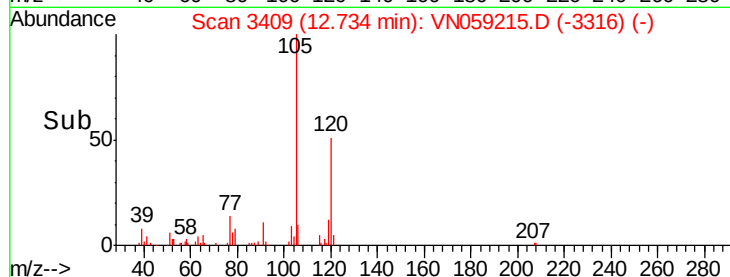
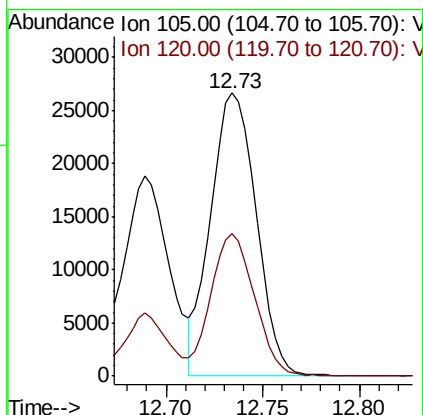
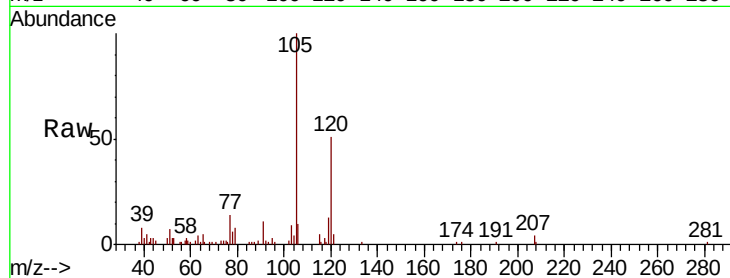
30662

Tot Ion:105 Resp: 43891

Ion Ratio Lower Upper

105 100

120 48.0 24.0 72.0



#81

trans-1,4-Dichloro-2-butene

Concen: 68.314 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN059215.D

Acq: 13 Nov 2019 17:27

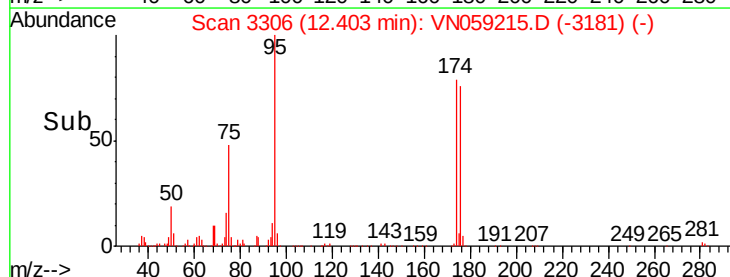
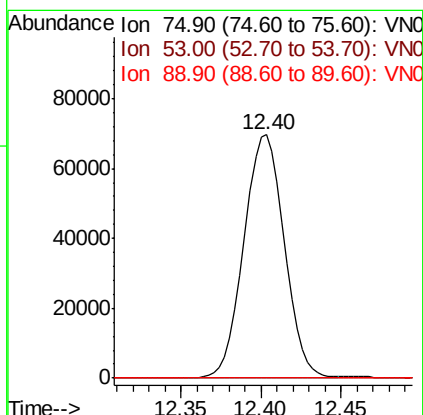
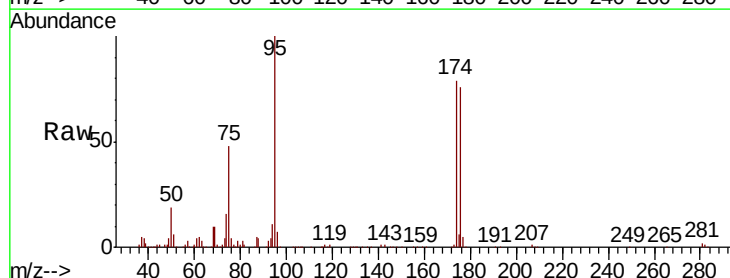
Tgt Ion: 75 Resp: 120326

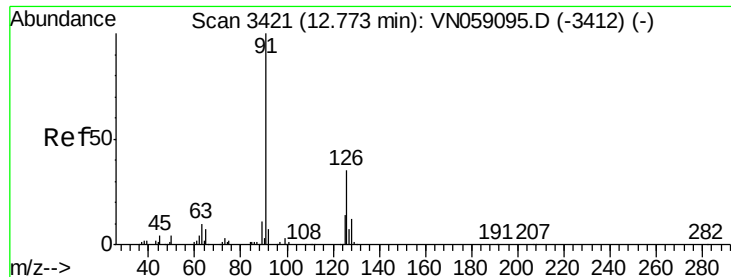
Ion Ratio Lower Upper

75 100

53 0.0 72.2 108.2#

89 0.0 35.8 53.8#





#82

4-Chlorotoluene

Concen: 0.478 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.04 min

Lab File: VN059215.D

Acq: 13 Nov 2019 17:27

Instrument :

MSVOA_N

ClientSampleId :

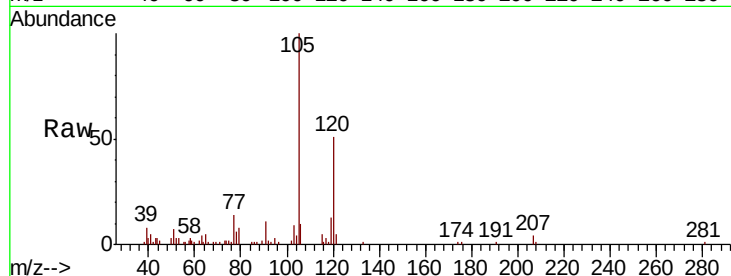
30662

Tot Ion: 91 Resp: 5066

Ion Ratio Lower Upper

91 100

126 0.0 16.1 48.2#

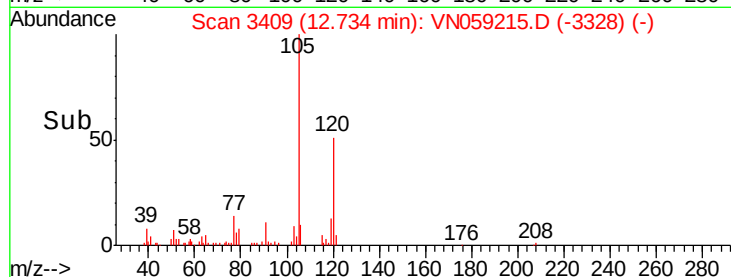


Abundance Ion 91.00 (90.70 to 91.70): VN059095.D (-3412) (-)

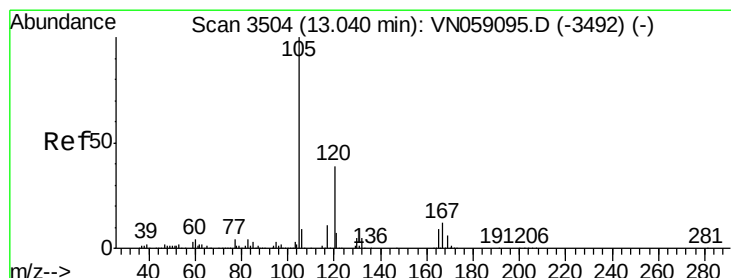
Ion 125.90 (125.60 to 126.60): VN059095.D (-3412) (-)

12.73

12.70 12.75 12.80



Time-->



#84

1,2,4-Trimethylbenzene

Concen: 0.344 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN059215.D

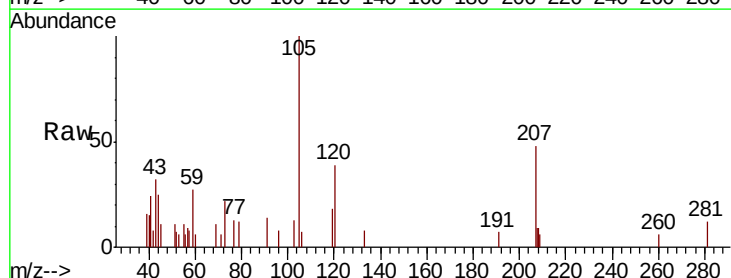
Acq: 13 Nov 2019 17:27

Tgt Ion: 105 Resp: 4192

Ion Ratio Lower Upper

105 100

120 39.7 22.8 68.4

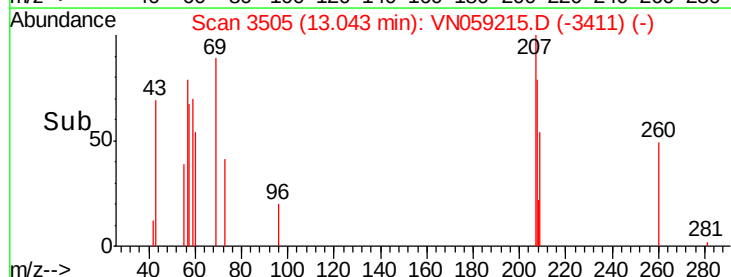


Abundance Ion 105.00 (104.70 to 105.70): VN059095.D (-3492) (-)

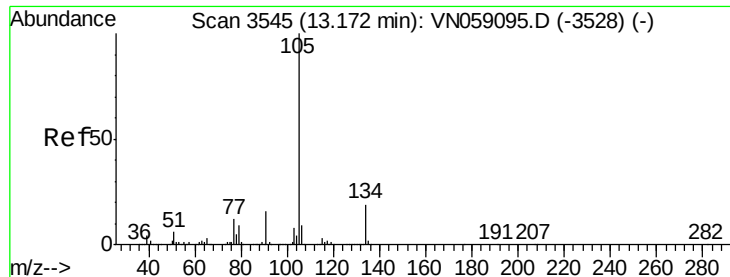
Ion 120.00 (119.70 to 120.70): VN059095.D (-3492) (-)

13.04

13.00 13.05 13.10



Time-->



#85

sec-Butylbenzene

Concen: 0.296 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. -0.13 min

Lab File: VN059215.D

Acq: 13 Nov 2019 17:27

Instrument :

MSVOA_N

ClientSampled :

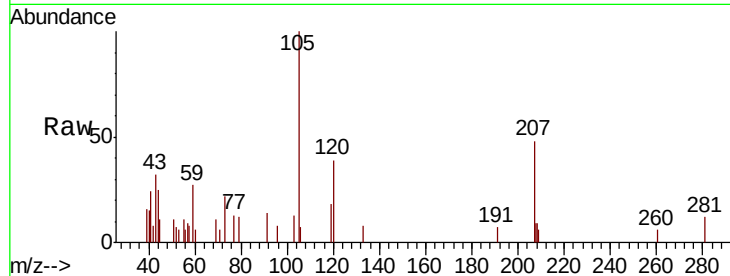
30662

Tot Ion:105 Resp: 4192

Ion Ratio Lower Upper

105 100

134 0.0 9.7 29.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

3000

2500

2000

1500

1000

500

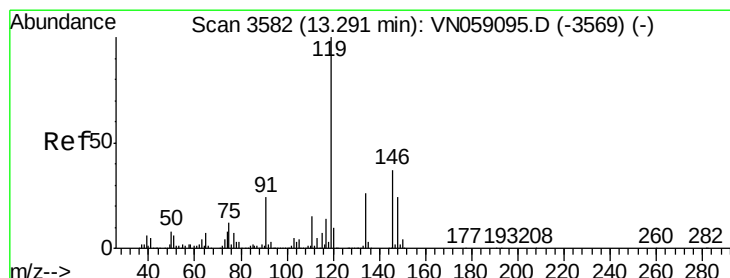
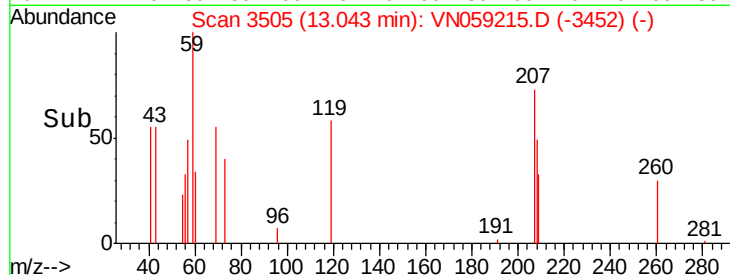
0

Time-->

13.00

13.05

13.10



#86

p-Isopropyltoluene

Concen: 0.204 ug/l

RT: 13.24 min Scan# 3566

Delta R.T. -0.05 min

Lab File: VN059215.D

Acq: 13 Nov 2019 17:27

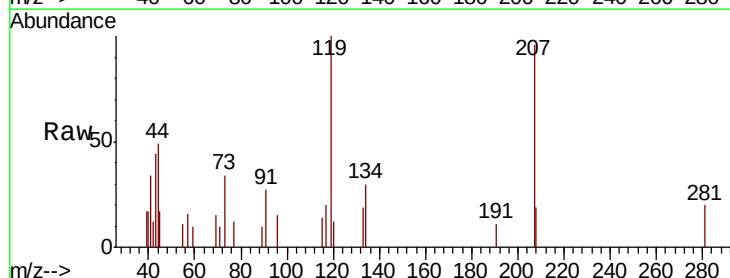
Tgt Ion:119 Resp: 2544

Ion Ratio Lower Upper

119 100

134 26.8 13.0 38.9

91 25.4 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

2000

1500

1000

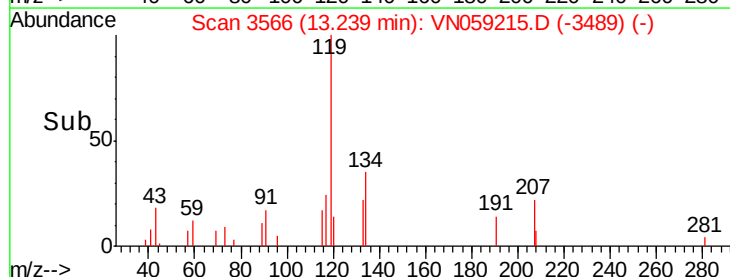
500

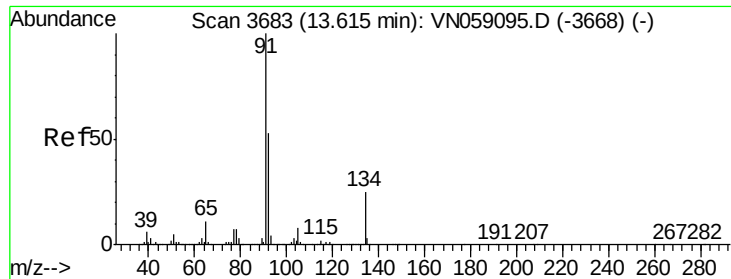
0

Time-->

13.20

13.25





#89

n-Butylbenzene

Concen: 0.317 ug/l

RT: 13.58 min Scan# 3673

Delta R.T. -0.03 min

Lab File: VN059215.D

Acq: 13 Nov 2019 17:27

Instrument :

MSVOA_N

ClientSampleId :

30662

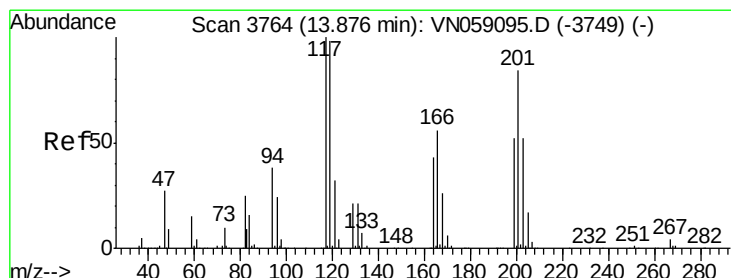
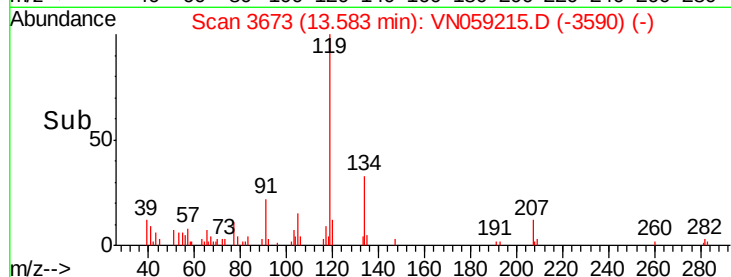
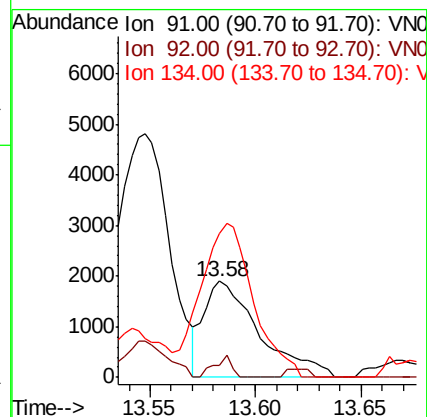
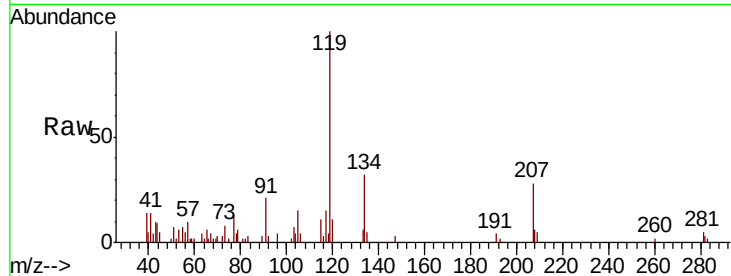
Tot Ion: 91 Resp: 3463

Ion Ratio Lower Upper

91 100

92 7.1 26.1 78.3#

134 153.1 12.6 37.8#



#90

Hexachloroethane

Concen: 0.761 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN059215.D

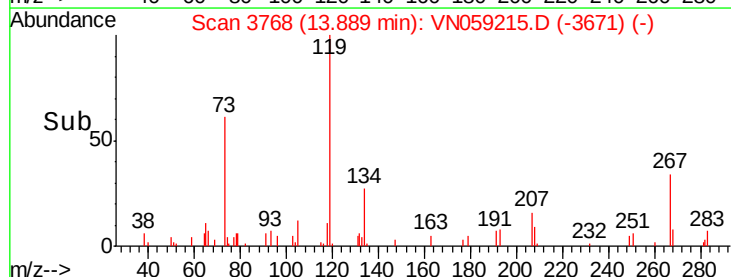
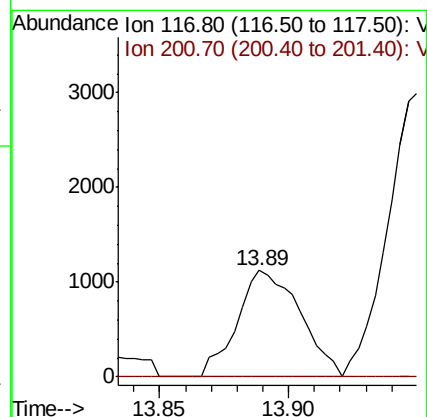
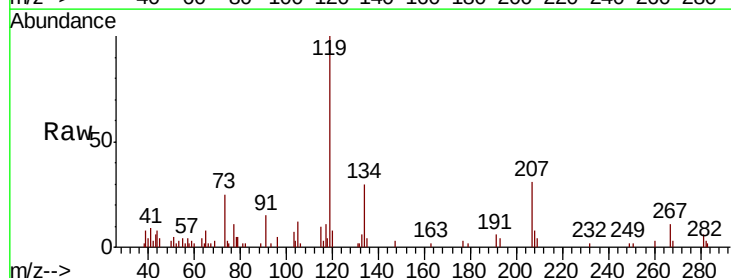
Acq: 13 Nov 2019 17:27

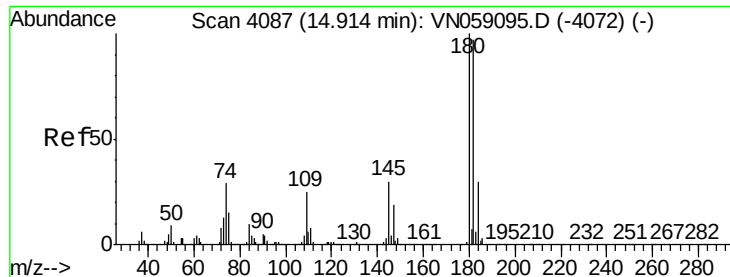
Tgt Ion: 117 Resp: 1909

Ion Ratio Lower Upper

117 100

201 0.0 41.8 125.3#





#93

1,2,4-Trichlorobenzene

Concen: 3.086 ug/l

RT: 14.92 min Scan# 4090

Delta R.T. 0.01 min

Lab File: VN059215.D

Acq: 13 Nov 2019 17:27

Instrument :

MSVOA_N

ClientSampled :

30662

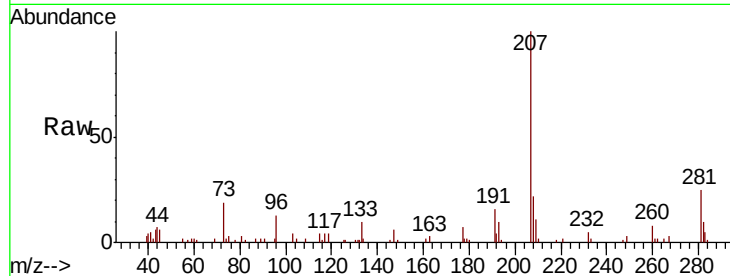
Tot Ion:180 Resp: 160

Ion Ratio Lower Upper

180 100

182 0.0 48.1 144.3#

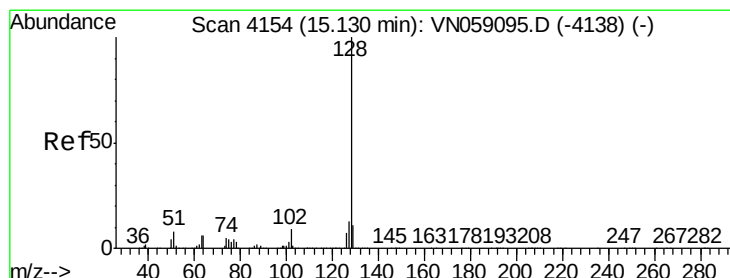
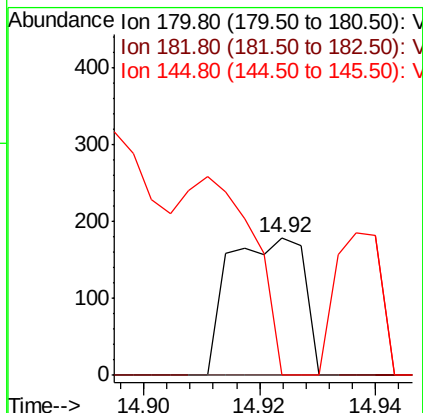
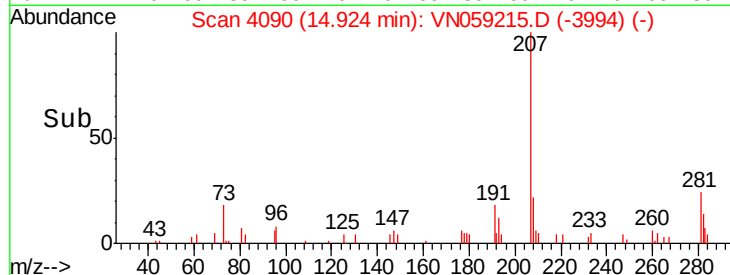
145 63.1 15.1 45.3#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#95

Naphthalene

Concen: 3.334 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN059215.D

Acq: 13 Nov 2019 17:27

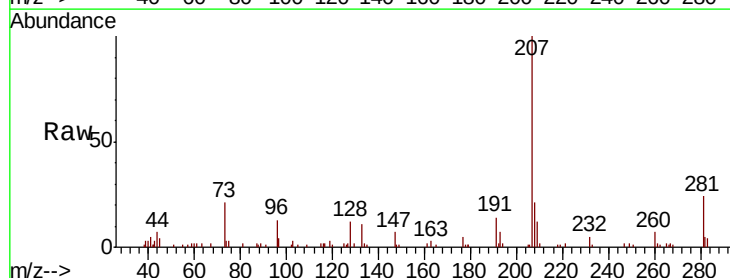
Tgt Ion:128 Resp: 3264

Ion Ratio Lower Upper

128 100

127 10.8 10.2 15.2

129 7.5 8.6 12.8#



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

