

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112619\
 Data File : VN059414.D
 Acq On : 26 Nov 2019 18:04
 Operator : JC/SP
 Sample : K6013-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 600436752

Quant Time: Nov 27 00:44:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	351387	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	541785	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	481153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	177588	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	201768	47.86	ug/l	0.00
Spiked Amount			Recovery	=	95.72%	
35) Dibromofluoromethane	7.57	113	164919	50.74	ug/l	0.00
Spiked Amount			Recovery	=	101.48%	
50) Toluene-d8	10.08	98	667944	51.69	ug/l	0.00
Spiked Amount			Recovery	=	103.38%	
62) 4-Bromofluorobenzene	12.40	95	212311	46.99	ug/l	0.00
Spiked Amount			Recovery	=	93.98%	

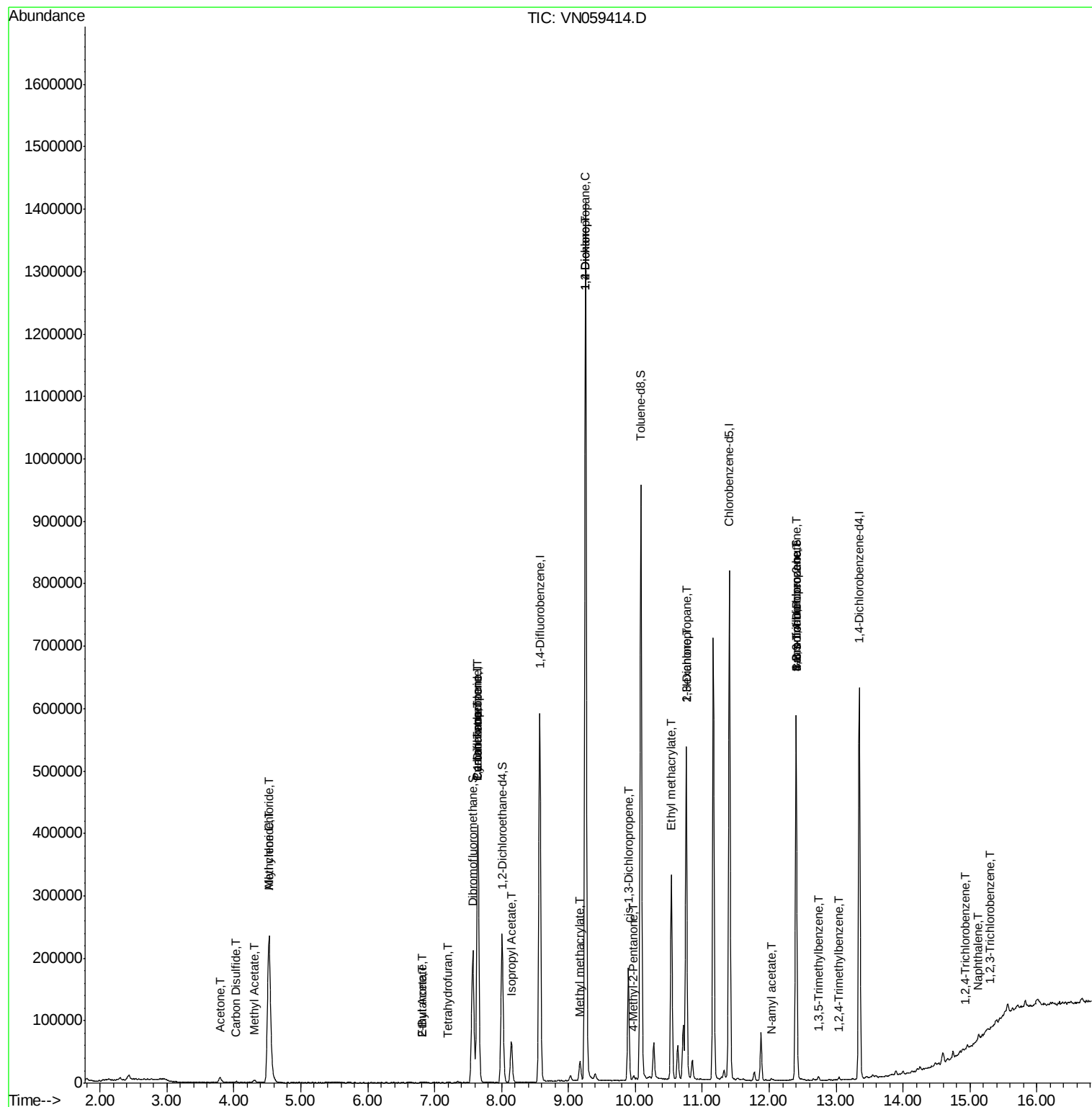
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	4.52	41	8354	1.179	ug/l #	28
16) Acetone	3.79	43	14090	7.453	ug/l	96
17) Carbon Disulfide	4.03	76	3225	0.411	ug/l #	88
18) Methyl Acetate	4.30	43	7600	1.211	ug/l	92
20) Methylene Chloride	4.53	84	196617	46.116	ug/l	98
25) 2-Butanone	6.82	43	2508	0.853	ug/l	93
29) Tetrahydrofuran	7.20	42	679	0.334	ug/l #	50
31) Cyclohexane	7.64	56	6530	0.880	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	25551	4.568	ug/l #	49
37) Ethyl Acetate	6.82	43	2508	0.417	ug/l #	68
38) Carbon Tetrachloride	7.65	117	33000	6.163	ug/l #	16
43) Isopropyl Acetate	8.15	43	78133	8.505	ug/l #	91
45) 1,2-Dichloropropane	9.25	63	1764	0.403	ug/l #	45
48) Methyl methacrylate	9.17	41	5141	1.231	ug/l #	14
49) 1,4-Dioxane	9.25	88	68	1.083	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	5474	1.018	ug/l	92
54) cis-1,3-Dichloropropene	9.90	75	33951	5.005	ug/l #	62
56) Ethyl methacrylate	10.54	69	1010	2.342	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	5348	0.800	ug/l #	42
59) 2-Hexanone	10.76	43	75549	19.188	ug/l #	52
71) Bromoform	12.40	173	1229	0.432	ug/l #	1
74) N-amyl acetate	12.03	43	3211	0.549	ug/l #	44
76) 1,2,3-Trichloropropane	12.40	75	101532	24.747	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	3533	0.289	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	101532	61.897	ug/l #	14
84) 1,2,4-Trimethylbenzene	13.04	105	3546	0.296	ug/l	97
93) 1,2,4-Trichlorobenzene	14.91	180	30	2.946	ug/l #	1
95) Naphthalene	15.13	128	6361	3.737	ug/l #	97
96) 1,2,3-Trichlorobenzene	15.29	180	60	1.917	ug/l #	1

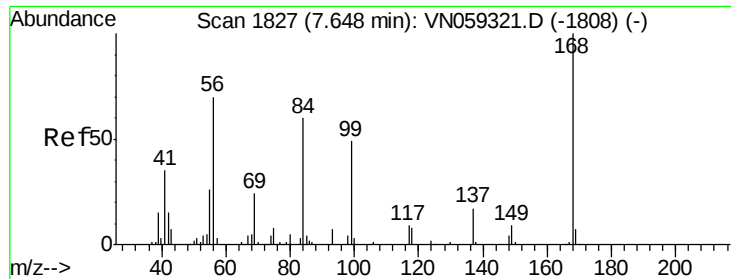
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059414.D

Acq: 26 Nov 2019 18:04

Instrument :

MSVOA_N

ClientSampleId :

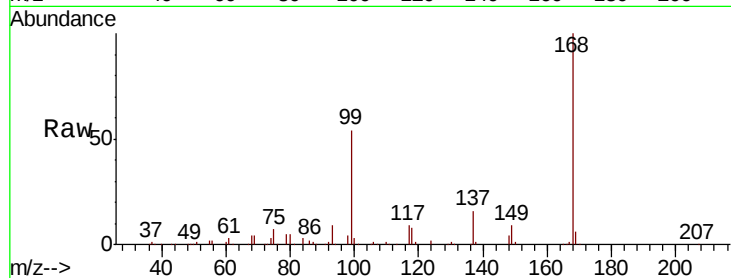
600436752

Tot Ion:168 Resp: 351387

Ion Ratio Lower Upper

168 100

99 54.3 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

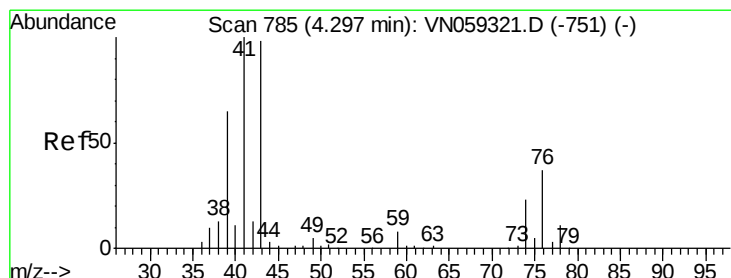
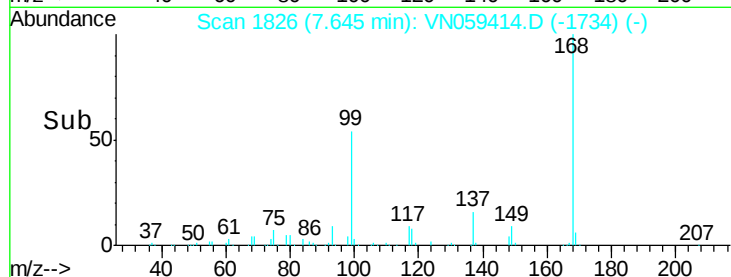
150000

100000

50000

0

Time-->



#14

Allyl chloride

Concen: 1.179 ug/l

RT: 4.52 min Scan# 854

Delta R.T. 0.22 min

Lab File: VN059414.D

Acq: 26 Nov 2019 18:04

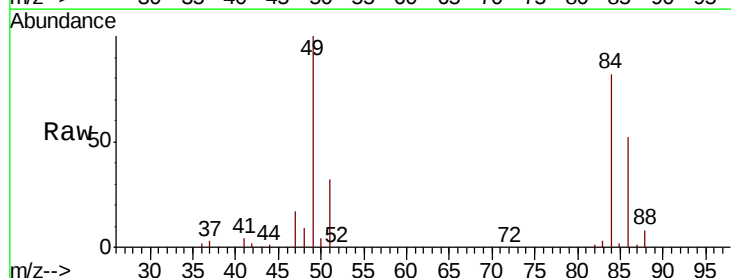
Tgt Ion: 41 Resp: 8354

Ion Ratio Lower Upper

41 100

39 0.0 48.4 72.6#

76 0.0 26.2 39.4#



Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO

4.52

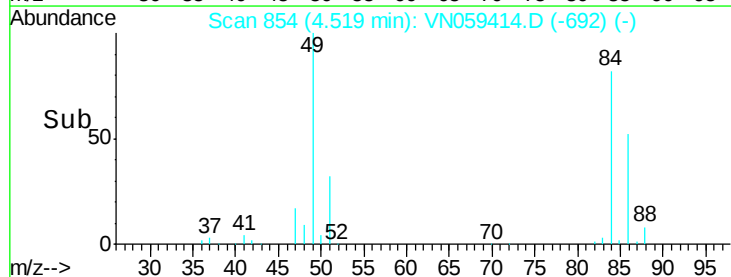
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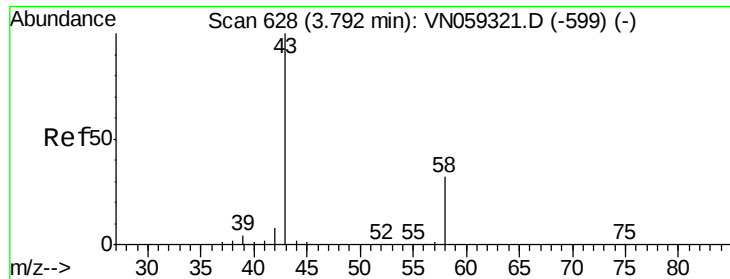
2000

1000

0

Time-->





#16

Acetone

Concen: 7.453 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN059414.D

Acq: 26 Nov 2019 18:04

Instrument :

MSVOA_N

ClientSampled :

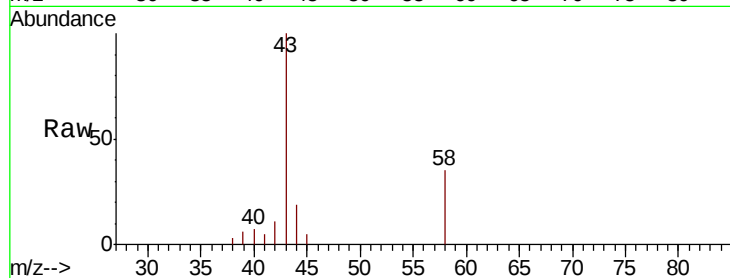
600436752

Tot Ion: 43 Resp: 14090

Ion Ratio Lower Upper

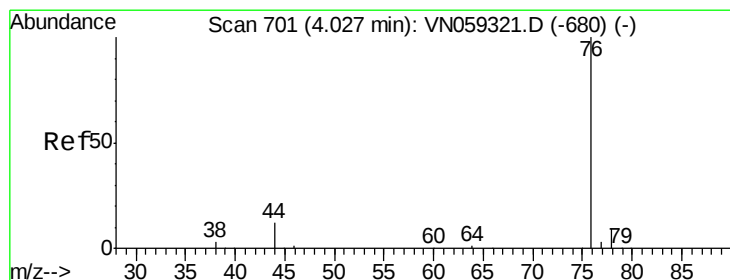
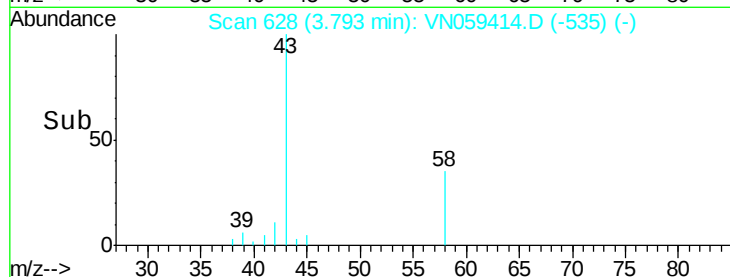
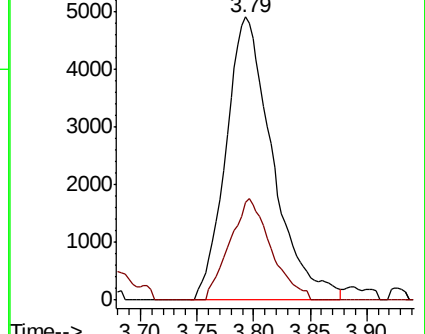
43 100

58 34.5 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#17

Carbon Disulfide

Concen: 0.411 ug/l

RT: 4.03 min Scan# 703

Delta R.T. 0.01 min

Lab File: VN059414.D

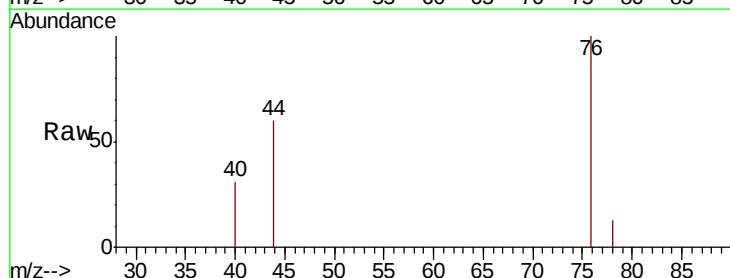
Acq: 26 Nov 2019 18:04

Tgt Ion: 76 Resp: 3225

Ion Ratio Lower Upper

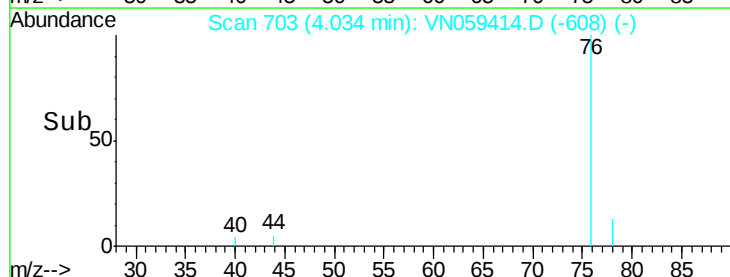
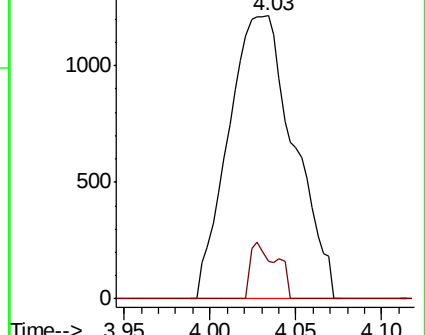
76 100

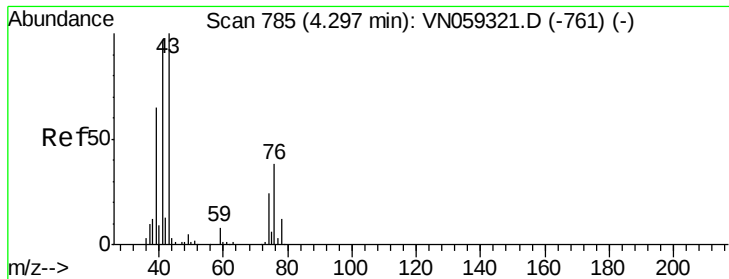
78 13.4 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

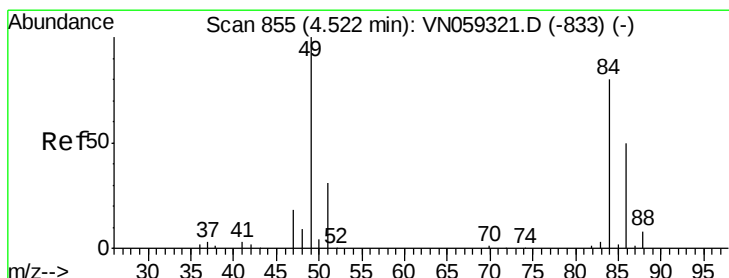
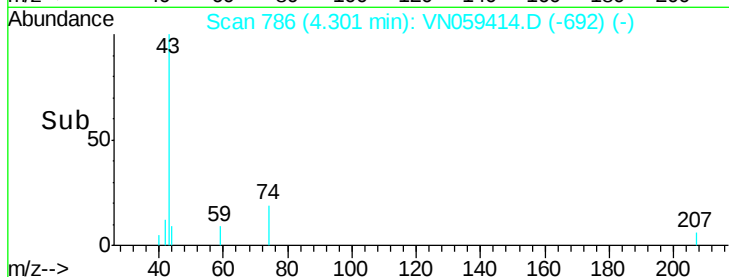
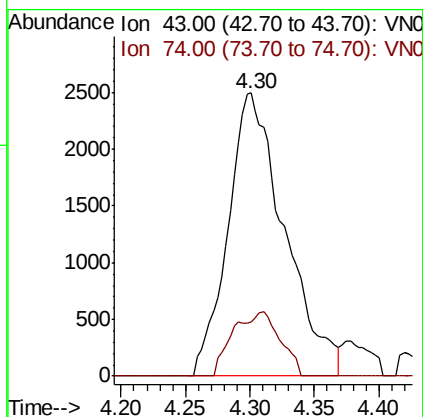
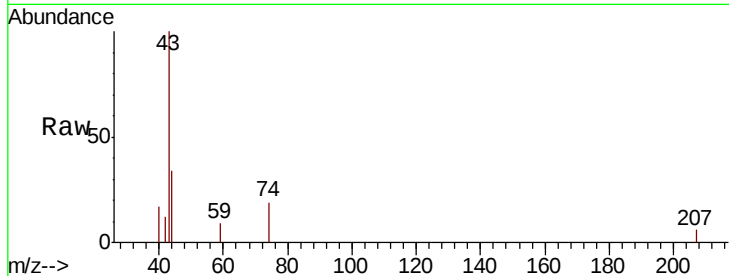




#18
Methyl Acetate
Concen: 1.211 ug/l
RT: 4.30 min Scan# 786
Delta R.T. 0.00 min
Lab File: VN059414.D
Acq: 26 Nov 2019 18:04

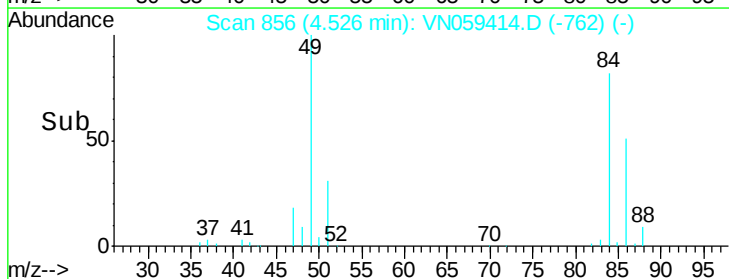
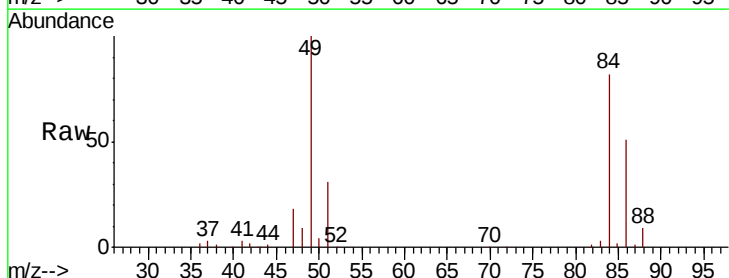
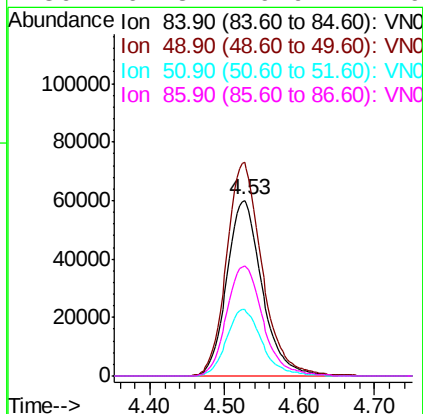
Instrument :
MSVOA_N
ClientSampled :
600436752

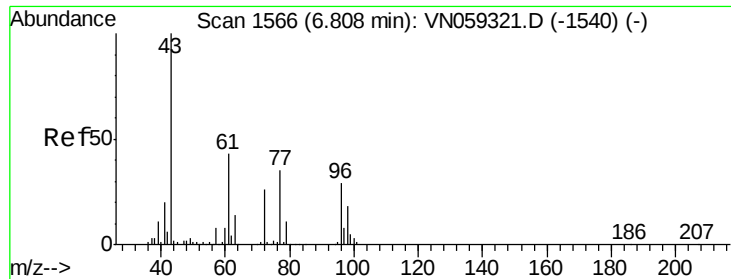
Tot Ion: 43 Resp: 7600
Ion Ratio Lower Upper
43 100
74 19.0 18.1 27.1



#20
Methylene Chloride
Concen: 46.116 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059414.D
Acq: 26 Nov 2019 18:04

Tgt Ion: 84 Resp: 196617
Ion Ratio Lower Upper
84 100
49 121.5 99.5 149.3
51 37.7 31.1 46.7
86 62.3 49.9 74.9





#25

2-Butanone

Concen: 0.853 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN059414.D

Acq: 26 Nov 2019 18:04

Instrument :

MSVOA_N

ClientSampleId :

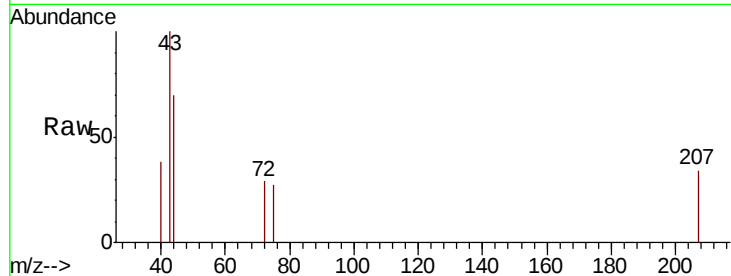
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Tot Ion: 43 Resp: 2508

Ion Ratio Lower Upper

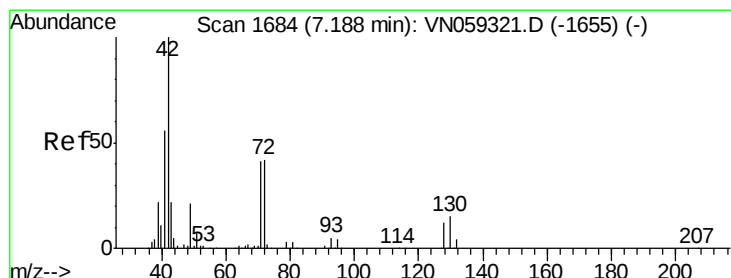
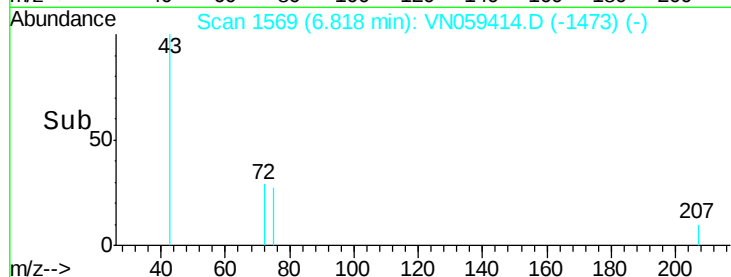
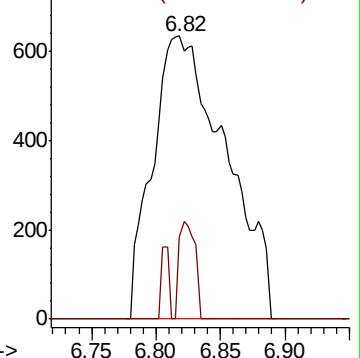
43 100

72 29.2 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 72.00 (71.70 to 72.70): VNC



#29

Tetrahydrofuran

Concen: 0.334 ug/l

RT: 7.20 min Scan# 1689

Delta R.T. 0.02 min

Lab File: VN059414.D

Acq: 26 Nov 2019 18:04

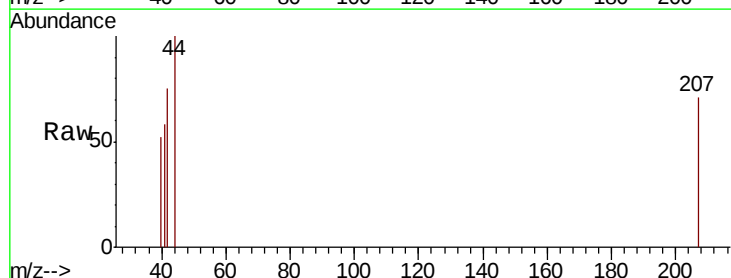
Tgt Ion: 42 Resp: 679

Ion Ratio Lower Upper

42 100

72 19.6 34.2 51.2#

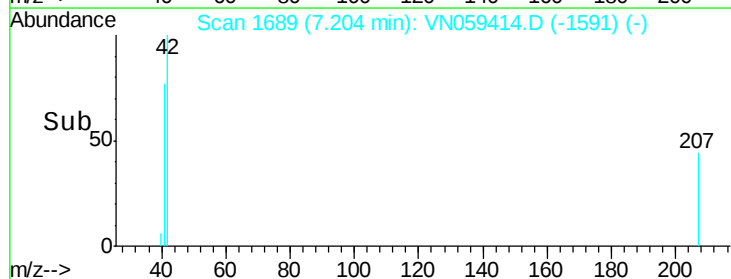
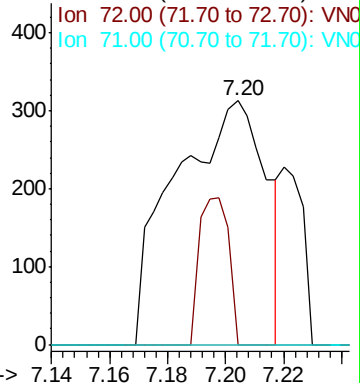
71 0.0 32.6 48.8#

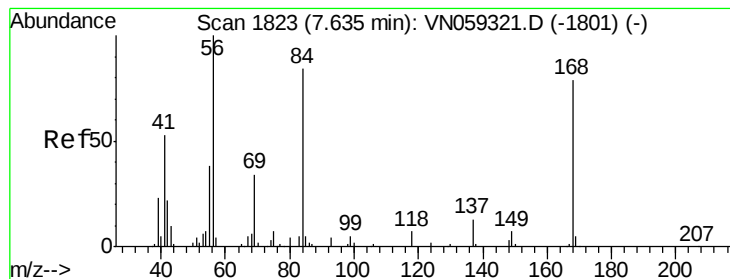


Abundance Ion 42.00 (41.70 to 42.70): VNC

Ion 72.00 (71.70 to 72.70): VNC

Ion 71.00 (70.70 to 71.70): VNC





#31

Cyclohexane

Concen: 0.880 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.01 min

Lab File: VN059414.D

Acq: 26 Nov 2019 18:04

Instrument :

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ClientSampleId :

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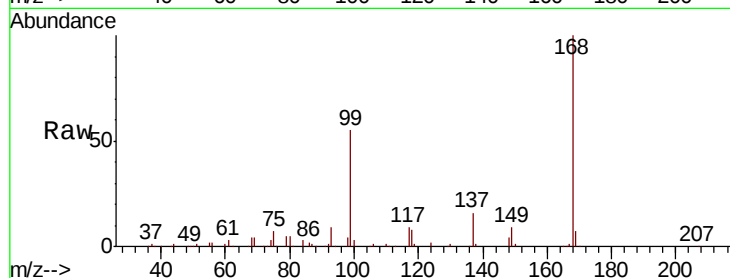
Tot Ion: 56 Resp: 6530

Ion Ratio Lower Upper

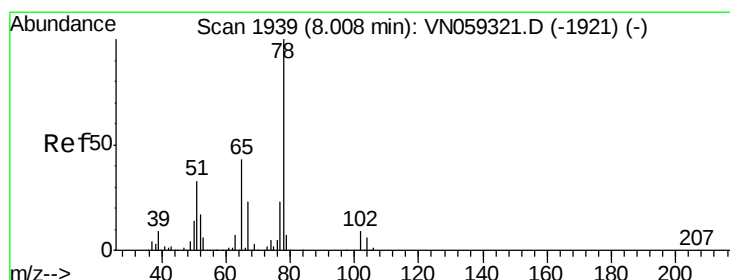
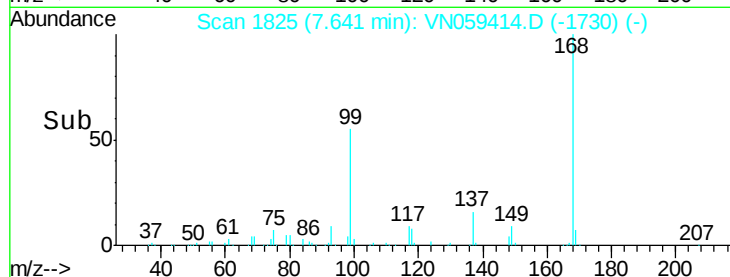
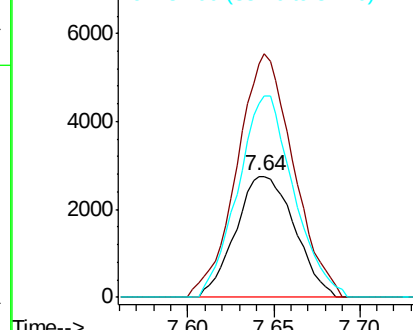
56 100

69 193.4 26.6 40.0#

84 160.5 67.0 100.4#



Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC



#33

1,2-Dichloroethane-d4

Concen: 47.857 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059414.D

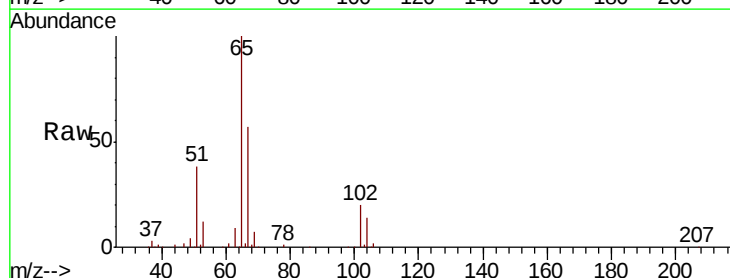
Acq: 26 Nov 2019 18:04

Tgt Ion: 65 Resp: 201768

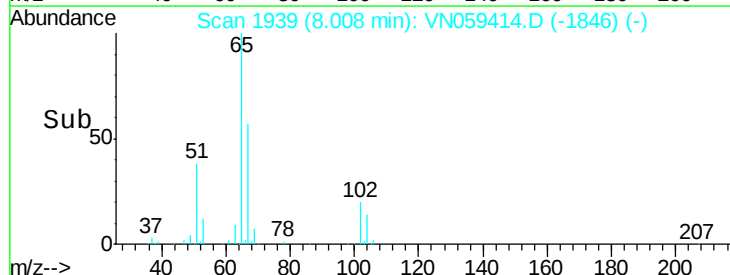
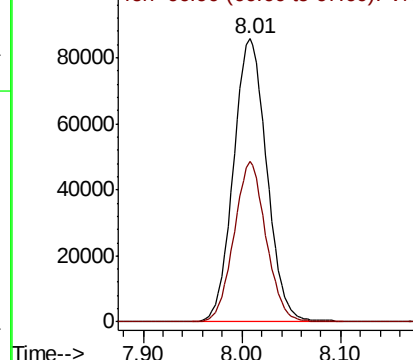
Ion Ratio Lower Upper

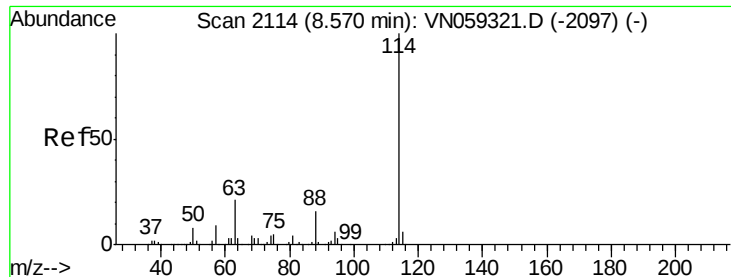
65 100

67 54.4 0.0 109.4



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

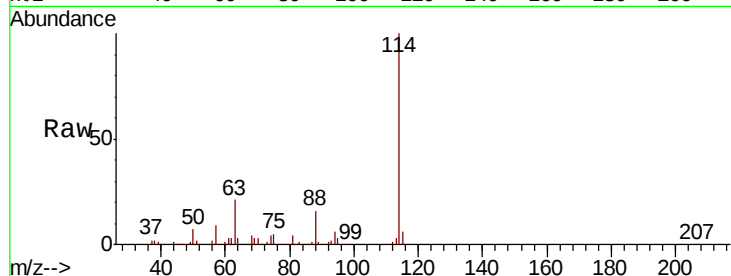




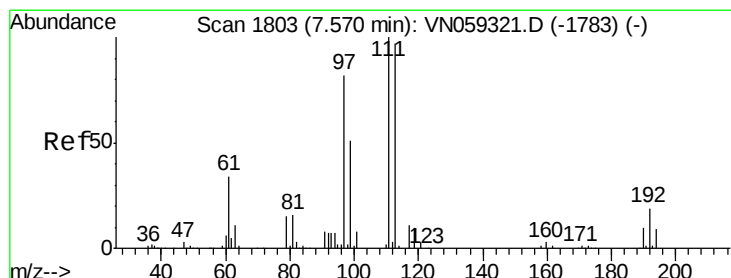
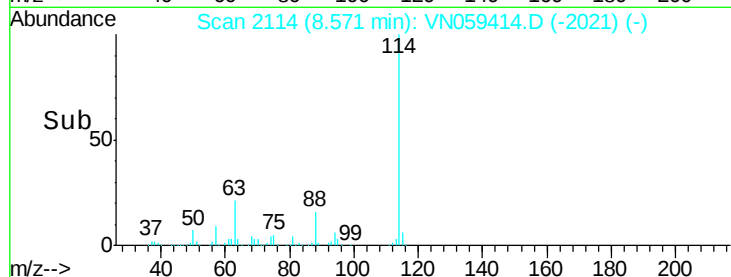
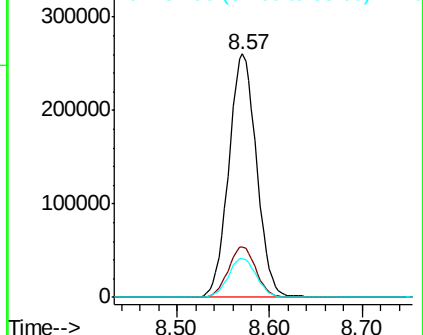
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059414.D
 Acq: 26 Nov 2019 18:04

Instrument :
 MSVOA_N
 ClientSampleId :
 600436752

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	42.2
88	16.0	0.0	32.2

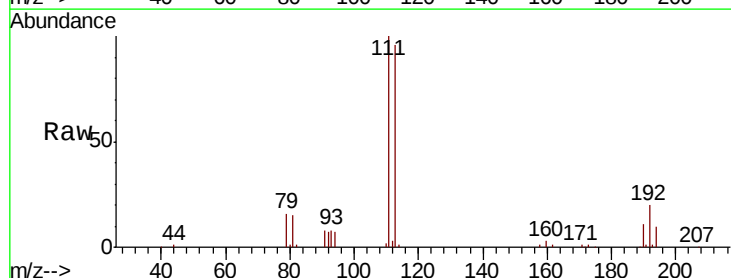


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

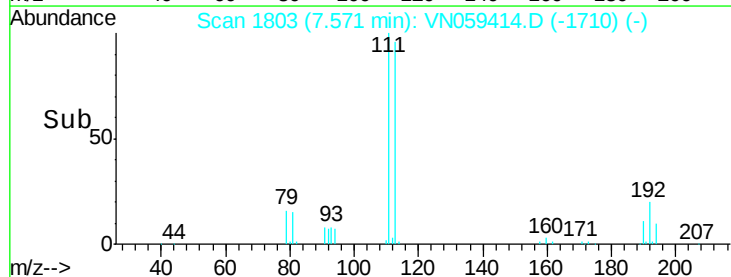
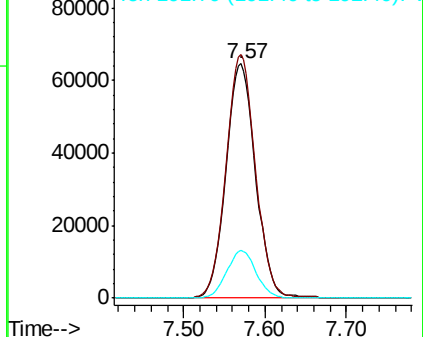


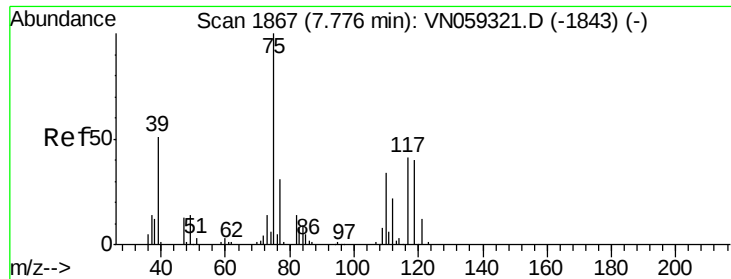
#35
 Dibromofluoromethane
 Concen: 50.738 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059414.D
 Acq: 26 Nov 2019 18:04

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.7	124.1
192	20.2	16.3	24.5



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

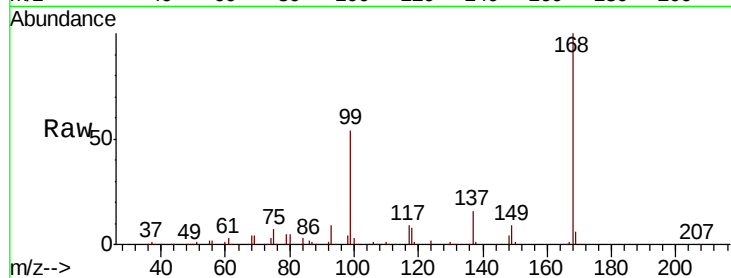




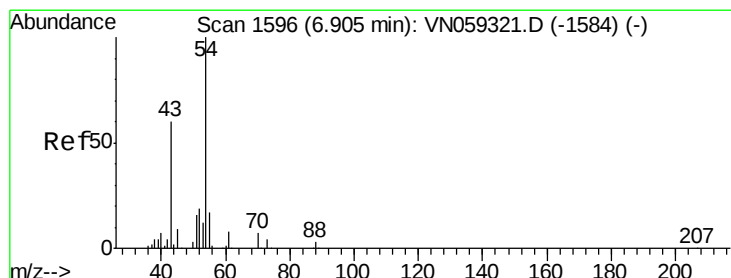
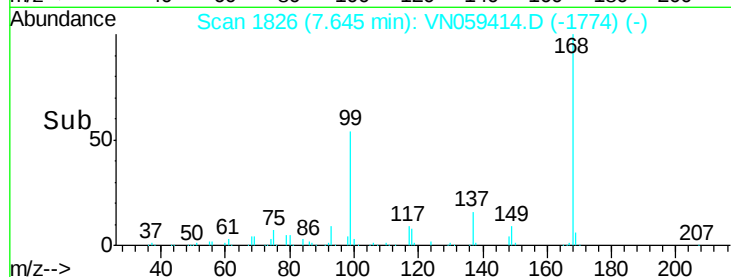
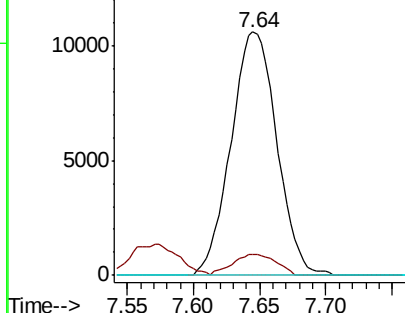
#36
 1,1-Dichloropropene
 Concen: 4.568 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN059414.D
 Acq: 26 Nov 2019 18:04

Instrument :
 MSVOA_N
 ClientSampled :
 600436752

Tot Ion: 75 Resp: 25551
 Ion Ratio Lower Upper
 75 100
 110 8.1 17.0 51.0#
 77 0.0 24.8 37.2#

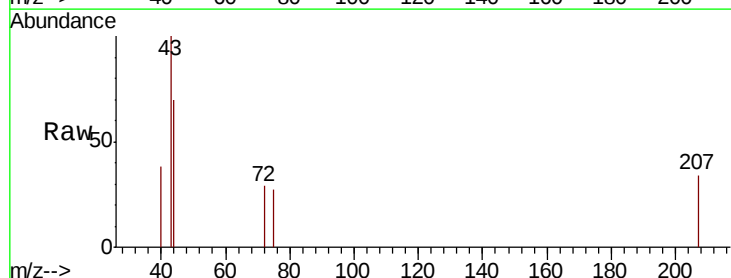


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): VN0
 Ion 76.90 (76.60 to 77.60): VN0

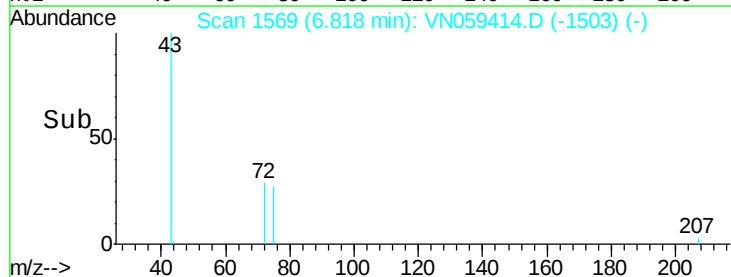
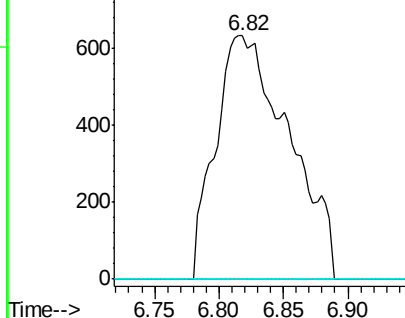


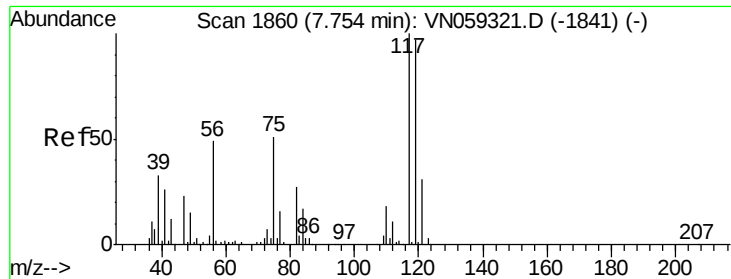
#37
 Ethyl Acetate
 Concen: 0.417 ug/l
 RT: 6.82 min Scan# 1569
 Delta R.T. -0.09 min
 Lab File: VN059414.D
 Acq: 26 Nov 2019 18:04

Tgt Ion: 43 Resp: 2508
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.0 16.6#
 70 0.0 8.8 13.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 70.00 (69.70 to 70.70): VN0





#38

Carbon Tetrachloride

Concen: 6.163 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.11 min

Lab File: VN059414.D

Acq: 26 Nov 2019 18:04

Instrument :

MSVOA_N

ClientSampled :

600436752

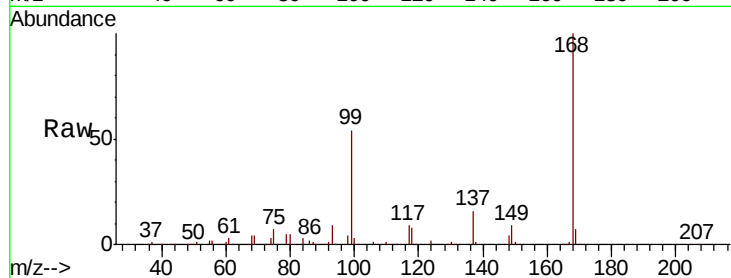
Tot Ion:117 Resp: 33000

Ion Ratio Lower Upper

117 100

119 5.3 77.0 115.4#

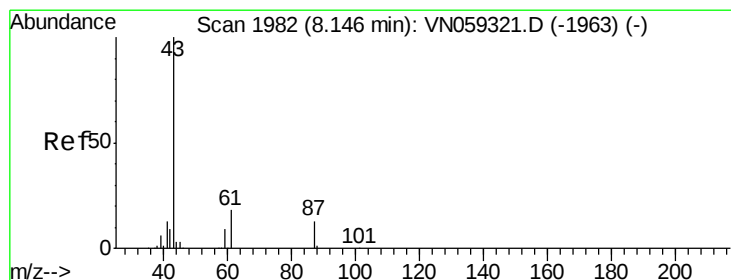
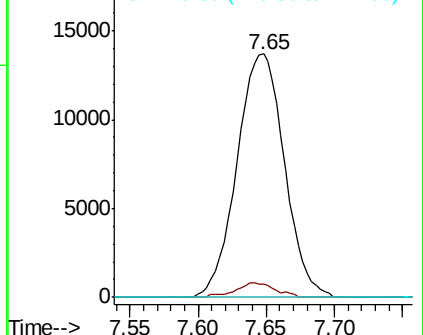
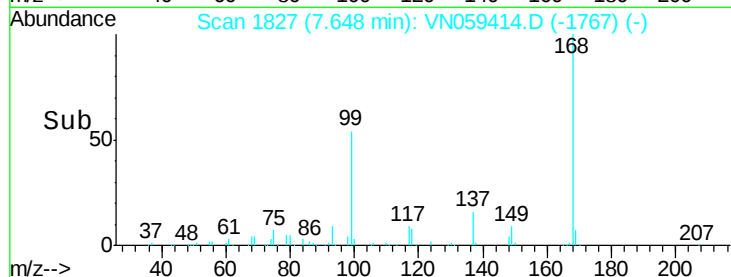
121 0.0 24.4 36.6#



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: 8.505 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059414.D

Acq: 26 Nov 2019 18:04

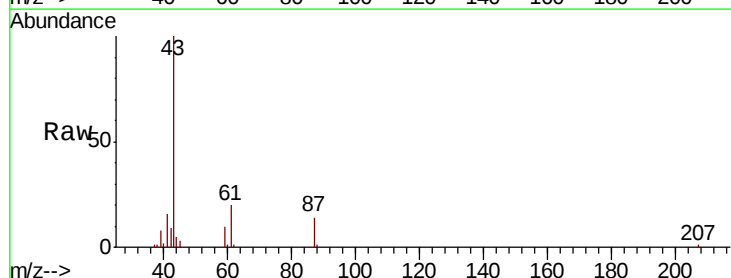
Tgt Ion: 43 Resp: 78133

Ion Ratio Lower Upper

43 100

61 20.8 21.7 32.5#

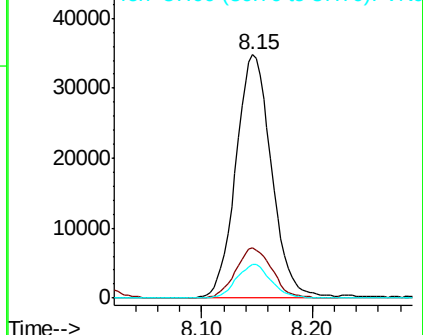
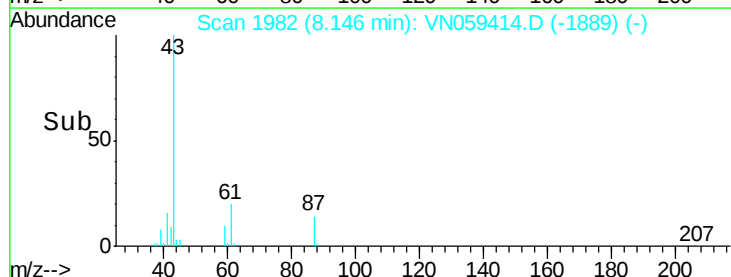
87 13.2 10.2 15.4

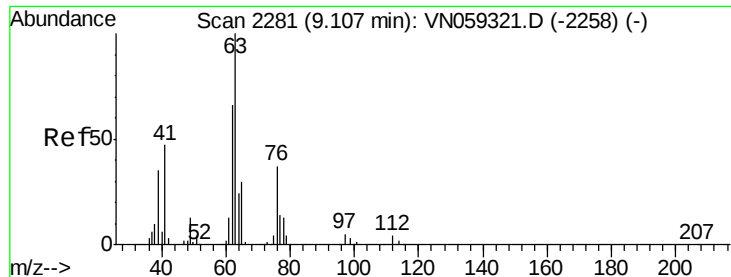


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#45

1,2-Dichloropropane

Concen: 0.403 ug/l

RT: 9.25 min Scan# 2326

Delta R.T. 0.14 min

Lab File: VN059414.D

Acq: 26 Nov 2019 18:04

Instrument :

MSVOA_N

ClientSampleId :

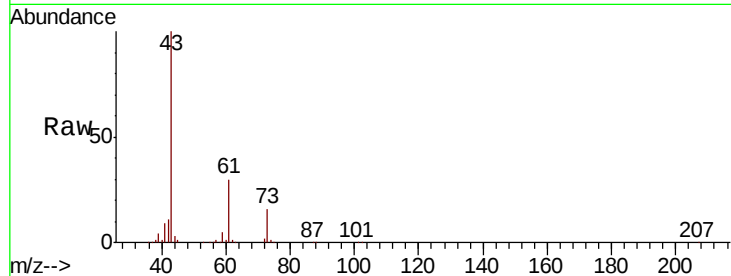
600436752

Tot Ion: 63 Resp: 1764

Ion Ratio Lower Upper

63 100

65 0.0 23.9 35.9#



Abundance Ion 62.90 (62.60 to 63.60): VNC

Ion 64.90 (64.60 to 65.60): VNC

9.25

1200

1000

800

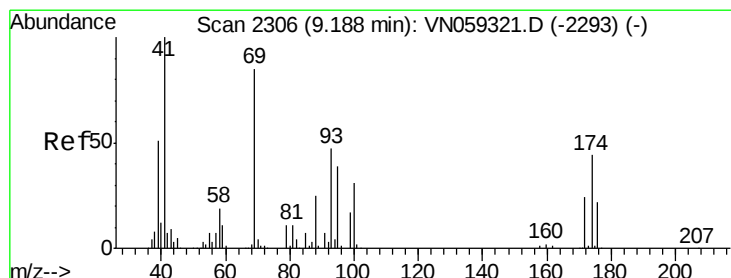
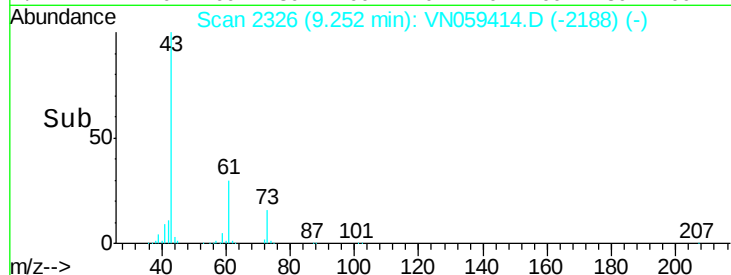
600

400

200

0

Time--> 9.20 9.25 9.30



#48

Methyl methacrylate

Concen: 1.231 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.02 min

Lab File: VN059414.D

Acq: 26 Nov 2019 18:04

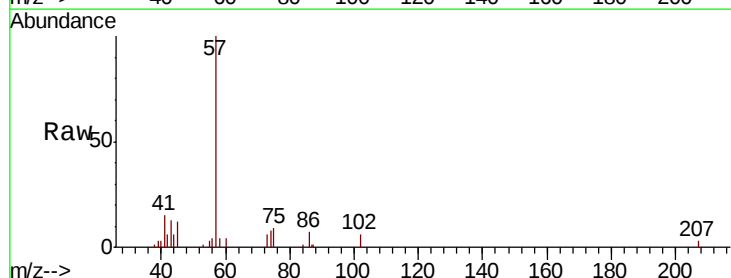
Tgt Ion: 41 Resp: 5141

Ion Ratio Lower Upper

41 100

69 0.0 68.8 103.2#

39 0.0 42.1 63.1#



Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 69.00 (68.70 to 69.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

80000

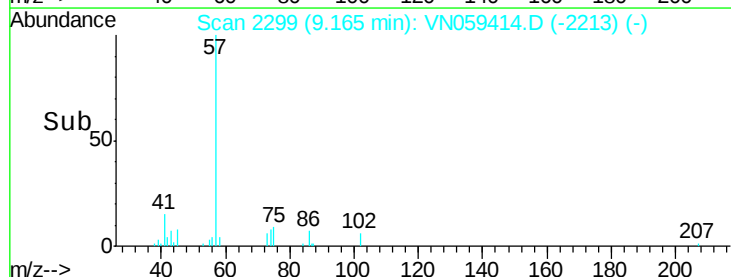
60000

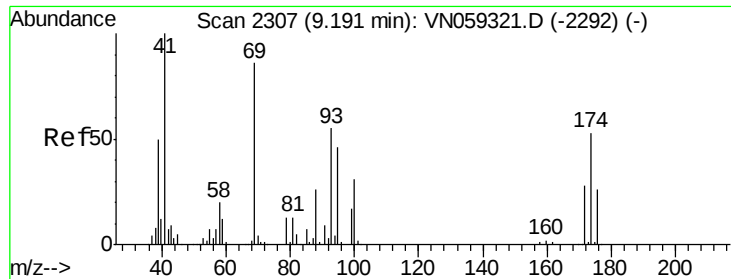
40000

20000

0

Time--> 9.10 9.15 9.20

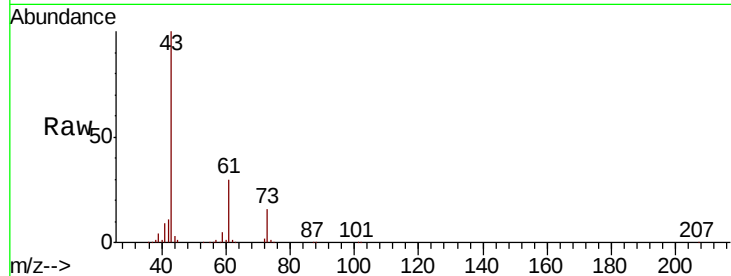




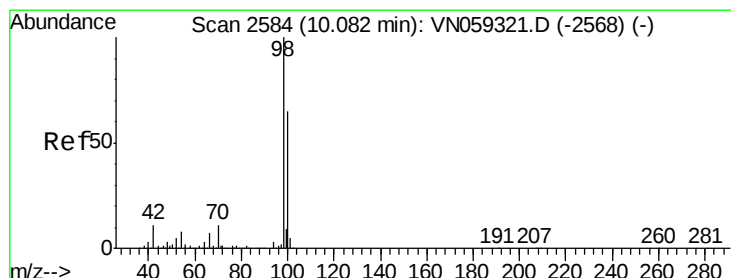
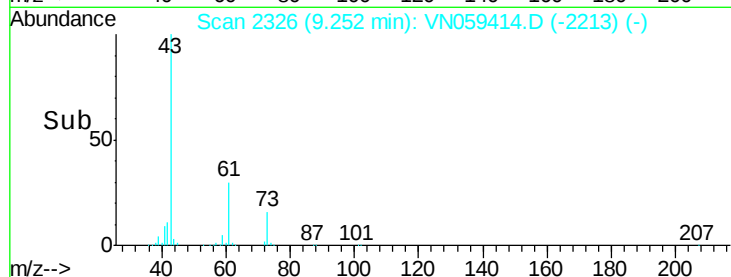
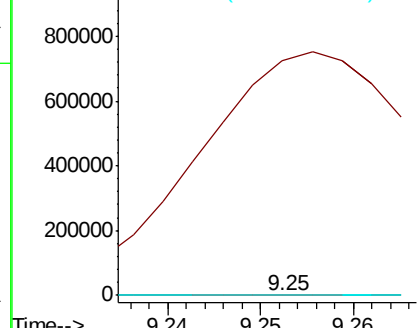
#49
1,4-Dioxane
Concen: 1.083 ug/l
RT: 9.25 min Scan# 2326
Delta R.T. 0.06 min
Lab File: VN059414.D
Acq: 26 Nov 2019 18:04

Instrument :
MSVOA_N
ClientSampleId :
600436752

Tot Ion: 88 Resp: 68
Ion Ratio Lower Upper
88 100
43 2025188.2 26.9 40.3#
58 8132.4 59.2 88.8#

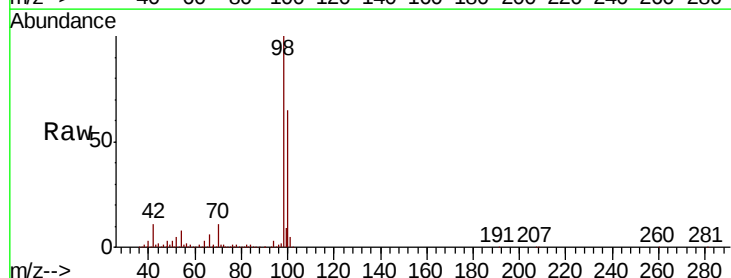


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

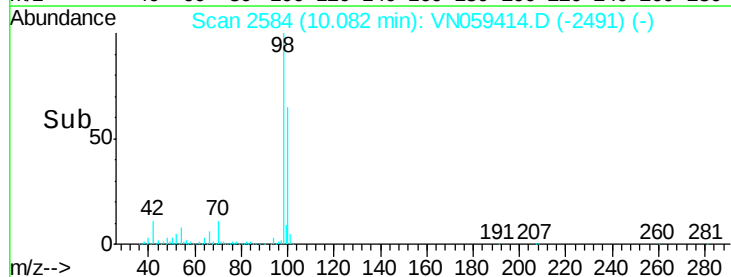
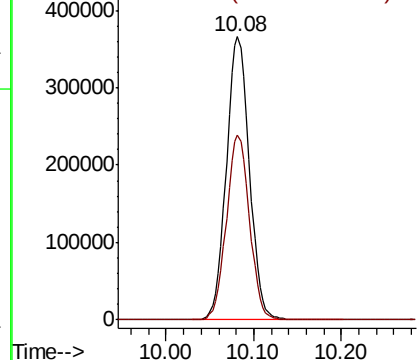


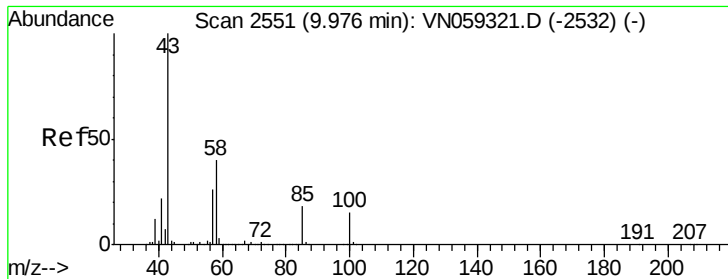
#50
Toluene-d8
Concen: 51.691 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059414.D
Acq: 26 Nov 2019 18:04

Tgt Ion: 98 Resp: 667944
Ion Ratio Lower Upper
98 100
100 65.4 51.7 77.5



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: 1.018 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN059414.D

Acq: 26 Nov 2019 18:04

Instrument :

MSVOA_N

ClientSampleId :

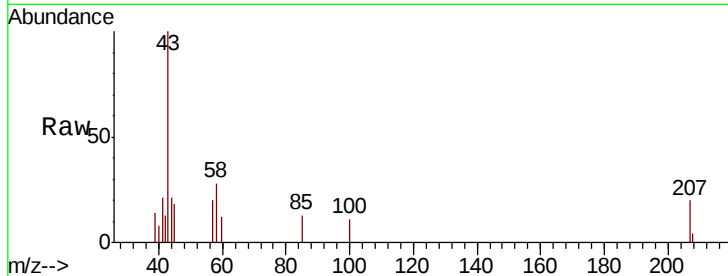
600436752

Tot Ion: 43 Resp: 5474

Ion Ratio Lower Upper

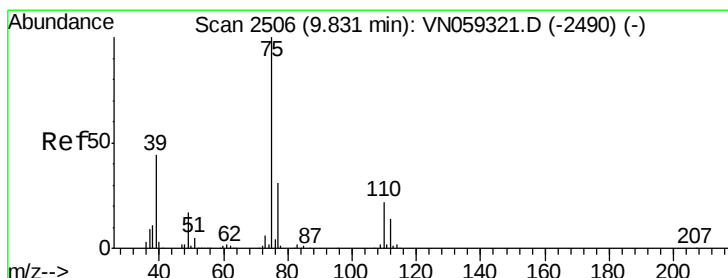
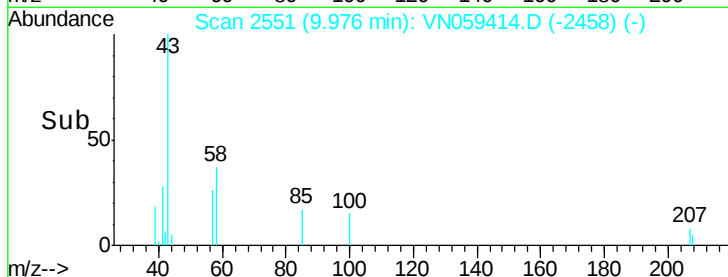
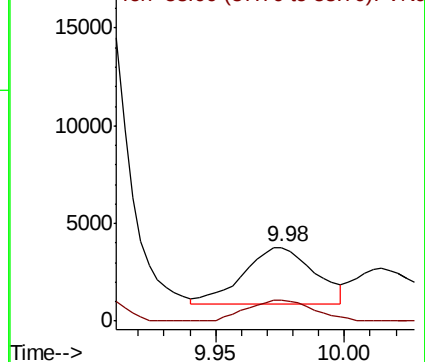
43 100

58 34.9 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO



#54

cis-1,3-Dichloropropene

Concen: 5.005 ug/l

RT: 9.90 min Scan# 2526

Delta R.T. 0.06 min

Lab File: VN059414.D

Acq: 26 Nov 2019 18:04

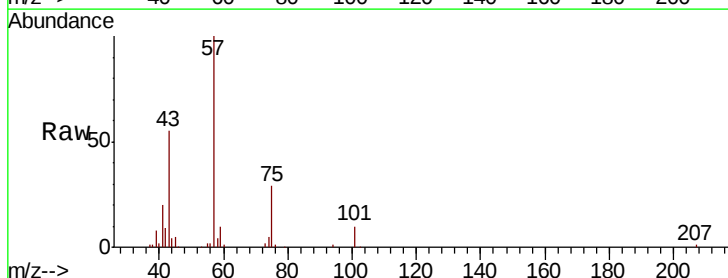
Tgt Ion: 75 Resp: 33951

Ion Ratio Lower Upper

75 100

77 0.0 25.0 37.4#

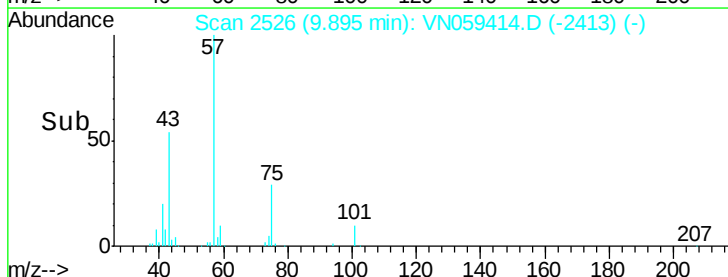
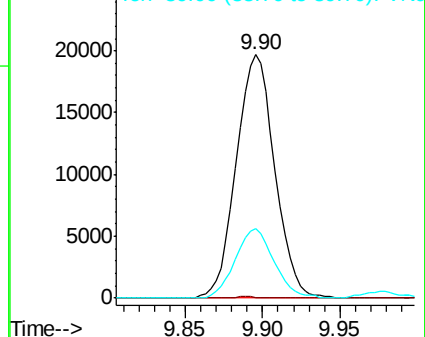
39 28.4 35.5 53.3#

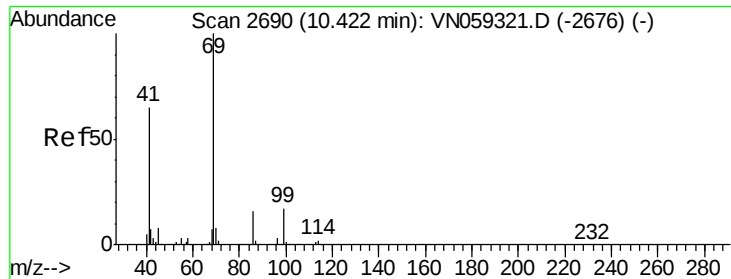


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 76.90 (76.60 to 77.60): VNO

Ion 39.00 (38.70 to 39.70): VNO





#56

Ethyl methacrylate

Concen: 2.342 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. 0.11 min

Lab File: VN059414.D

Acq: 26 Nov 2019 18:04

Instrument :

MSVOA_N

ClientSampleId :

600436752

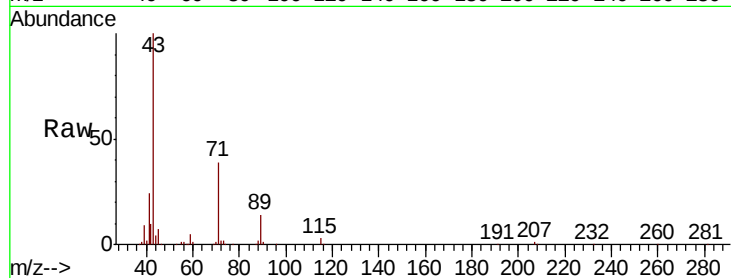
Tot Ion: 69 Resp: 1010

Ion Ratio Lower Upper

69 100

41 5749.1 51.7 77.5#

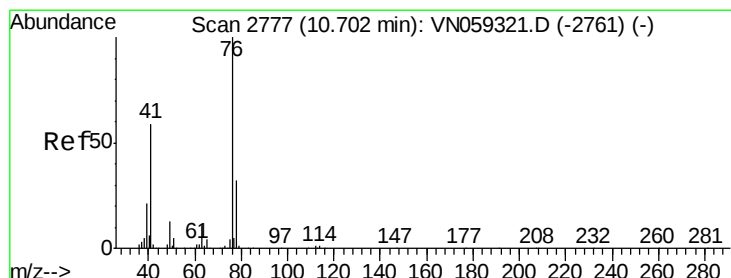
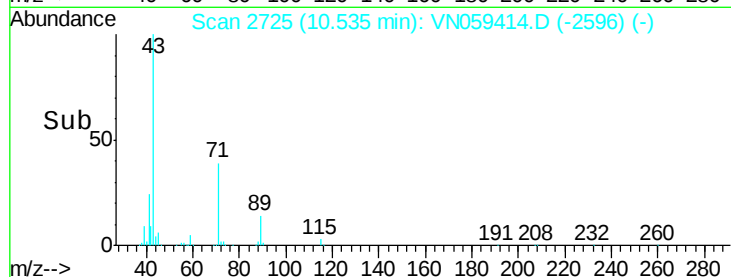
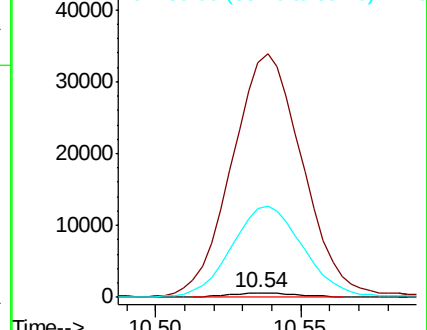
39 2189.2 25.2 37.8#



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: 0.800 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN059414.D

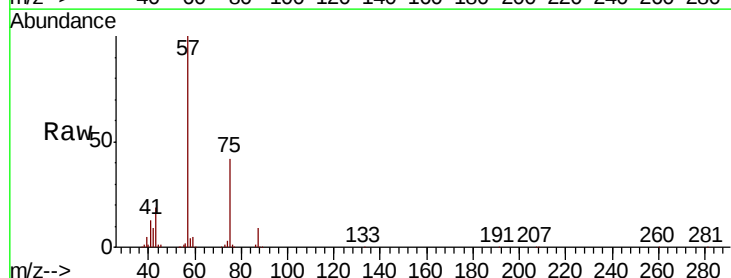
Acq: 26 Nov 2019 18:04

Tgt Ion: 76 Resp: 5348

Ion Ratio Lower Upper

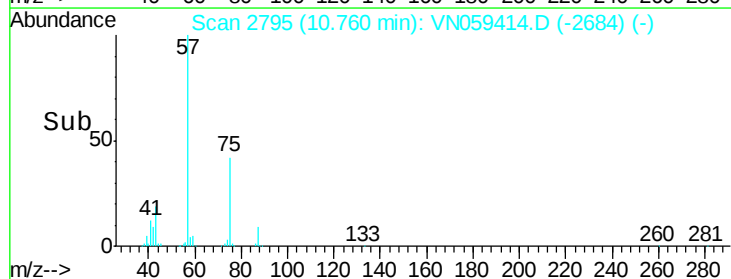
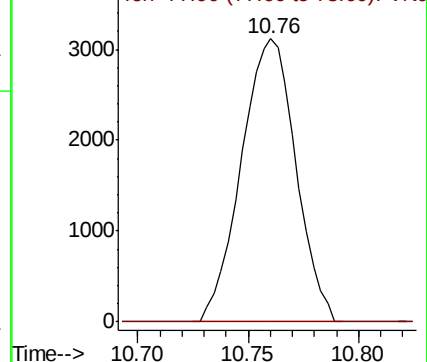
76 100

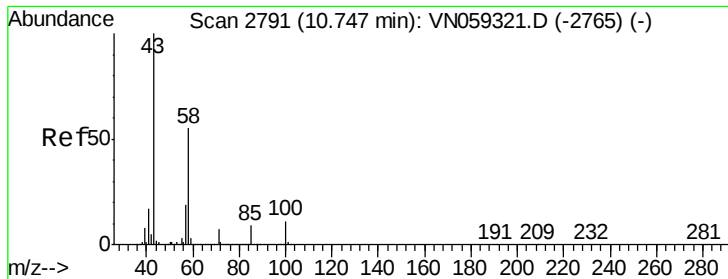
78 0.0 26.0 39.0#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

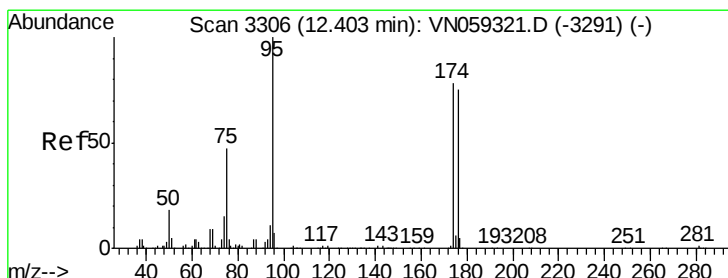
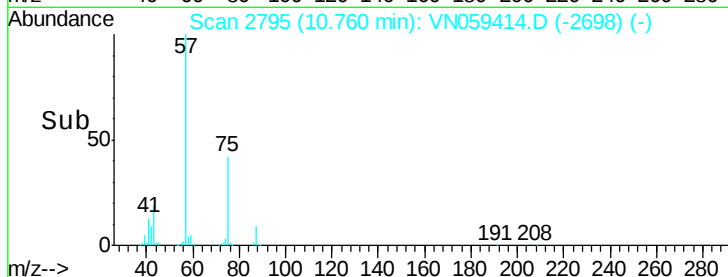
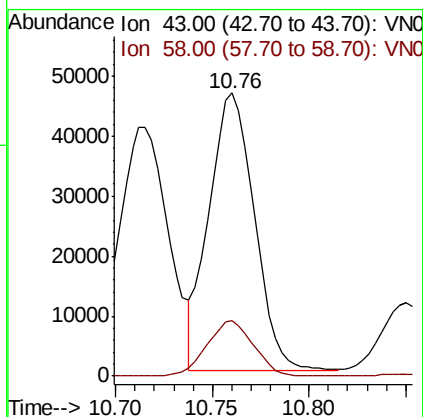
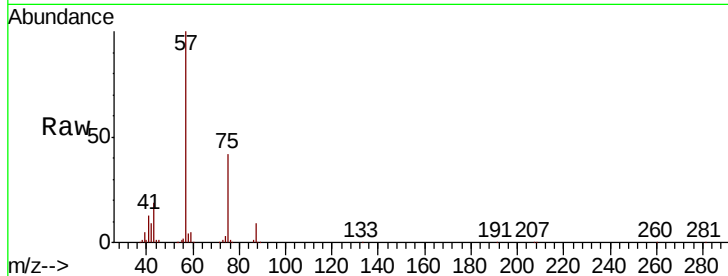




#59
2-Hexanone
Concen: 19.188 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN059414.D
Acq: 26 Nov 2019 18:04

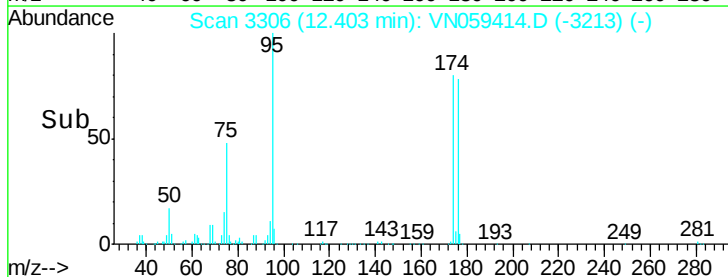
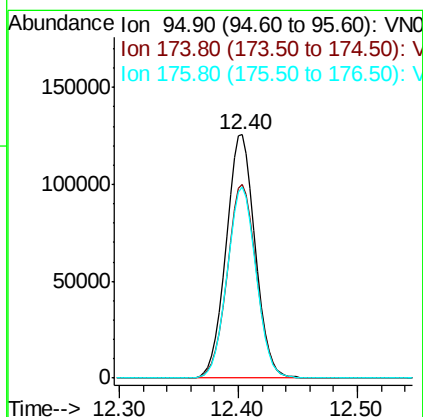
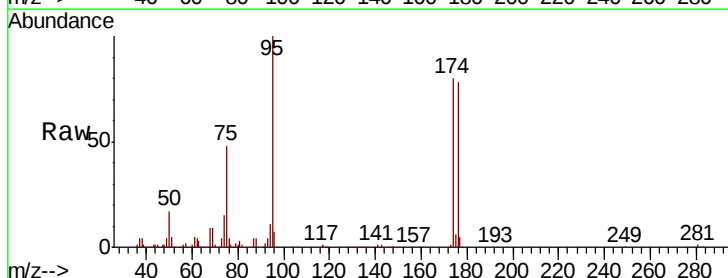
Instrument :
MSVOA_N
ClientSampled :
600436752

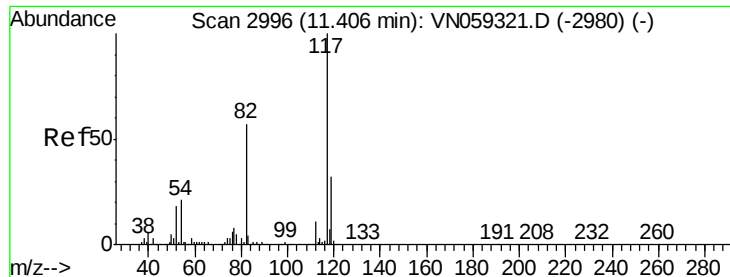
Tot Ion: 43 Resp: 75549
Ion Ratio Lower Upper
43 100
58 20.6 27.7 83.0#



#62
4-Bromofluorobenzene
Concen: 46.990 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN059414.D
Acq: 26 Nov 2019 18:04

Tgt Ion: 95 Resp: 212311
Ion Ratio Lower Upper
95 100
174 80.2 0.0 157.4
176 78.3 0.0 151.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059414.D

Acq: 26 Nov 2019 18:04

Instrument :

MSVOA_N

ClientSampleId :

600436752

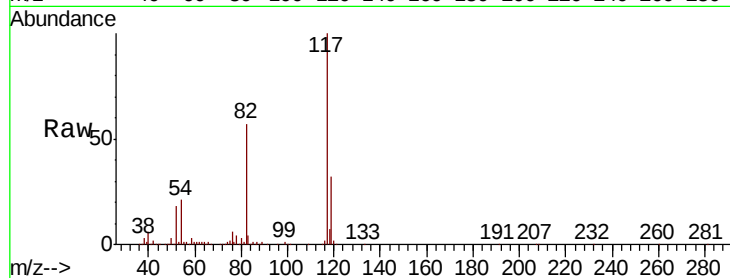
Tot Ion:117 Resp: 481153

Ion Ratio Lower Upper

117 100

82 56.7 45.7 68.5

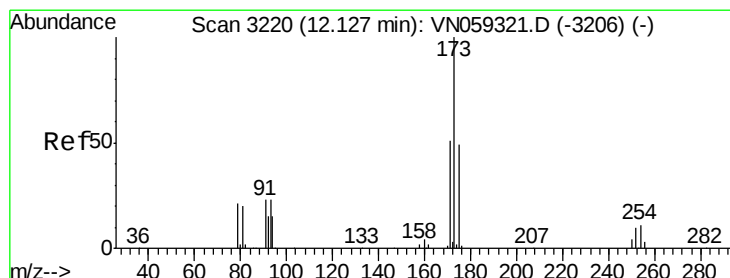
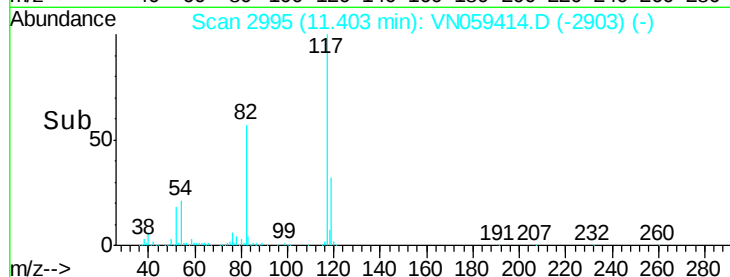
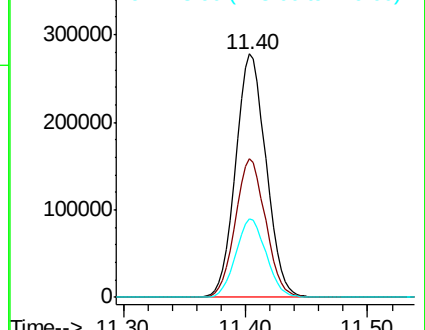
119 32.1 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#71

Bromoform

Concen: 0.432 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.27 min

Lab File: VN059414.D

Acq: 26 Nov 2019 18:04

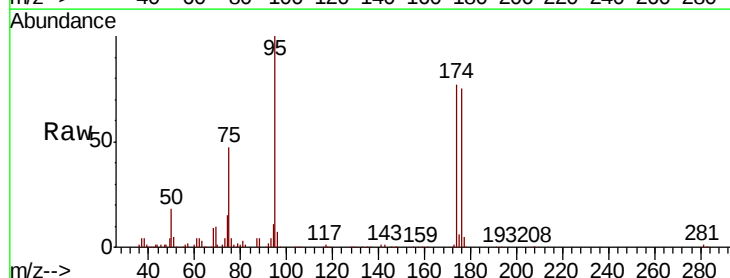
Tgt Ion:173 Resp: 1229

Ion Ratio Lower Upper

173 100

175 830.7 24.6 73.6#

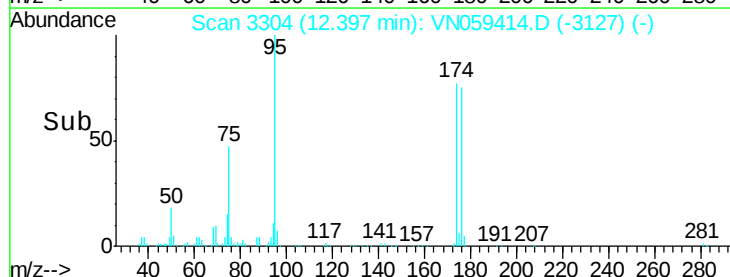
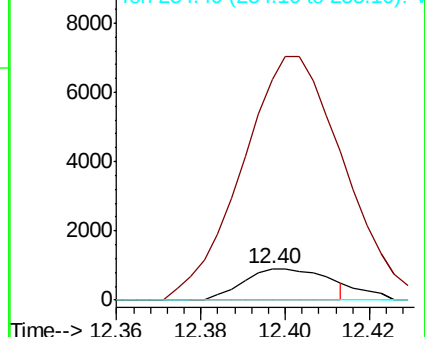
254 0.0 0.1 0.1#

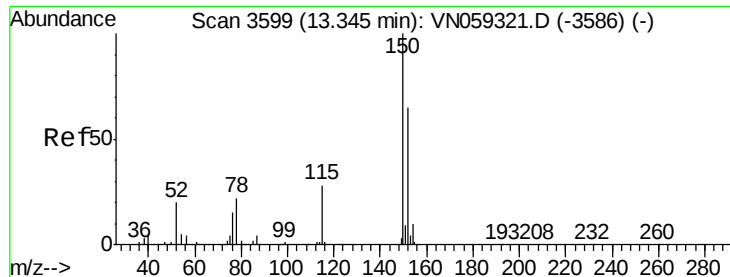


Abundance Ion 172.70 (172.40 to 173.40): V

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# 3599

Delta R.T. 0.00 min

Lab File: VN059414.D

Acq: 26 Nov 2019 18:04

Instrument :

MSVOA_N

ClientSampleId :

600436752

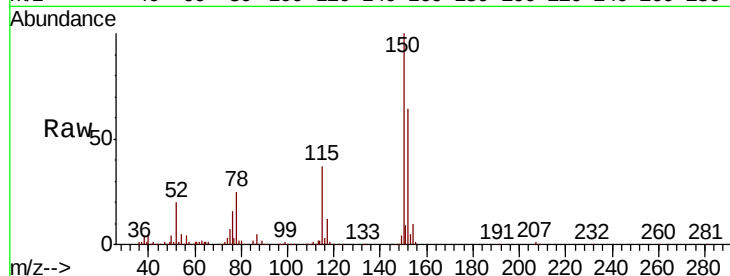
Tot Ion:152 Resp: 177588

Ion Ratio Lower Upper

152 100

115 58.6 29.3 88.0

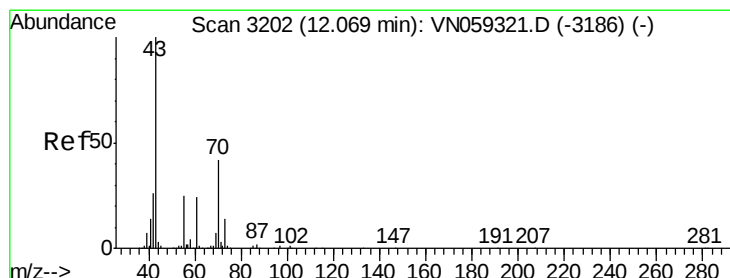
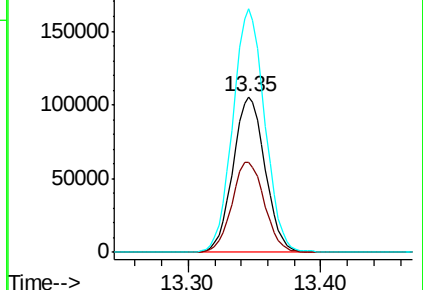
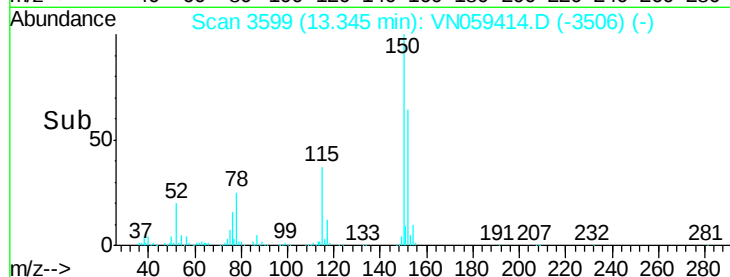
150 155.8 0.0 346.0



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: 0.549 ug/l

RT: 12.03 min Scan# 3191

Delta R.T. -0.04 min

Lab File: VN059414.D

Acq: 26 Nov 2019 18:04

Tgt Ion: 43 Resp: 3211

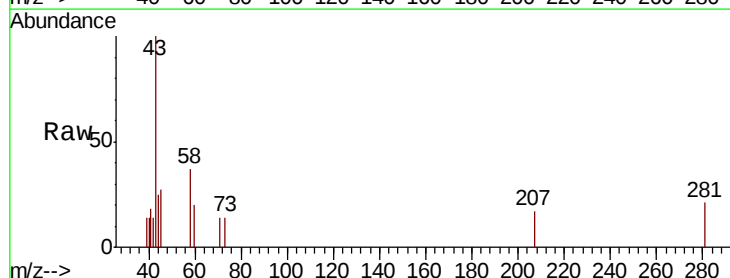
Ion Ratio Lower Upper

43 100

70 0.0 33.8 50.6#

55 3.0 20.3 30.5#

61 0.0 19.9 29.9#

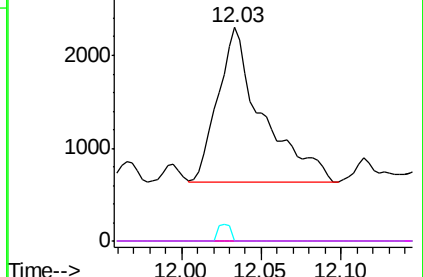
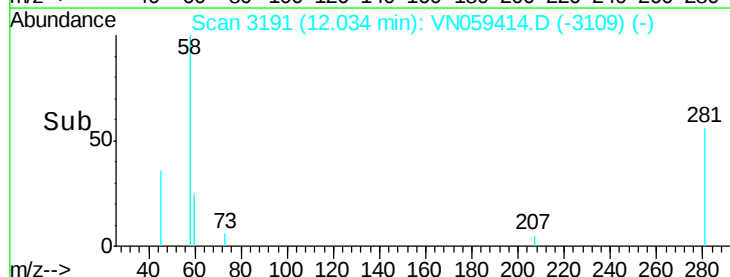


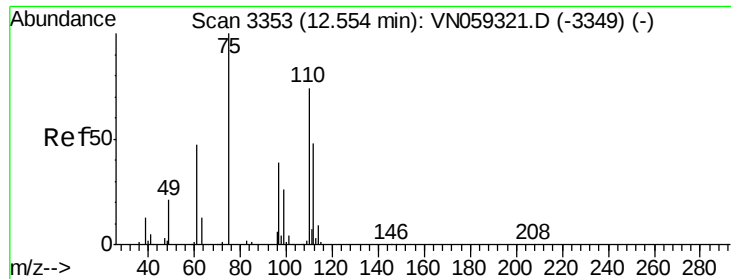
Abundance Ion 43.00 (42.70 to 43.70): V

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: 24.747 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN059414.D

Acq: 26 Nov 2019 18:04

Instrument :

MSVOA_N

ClientSampleId :

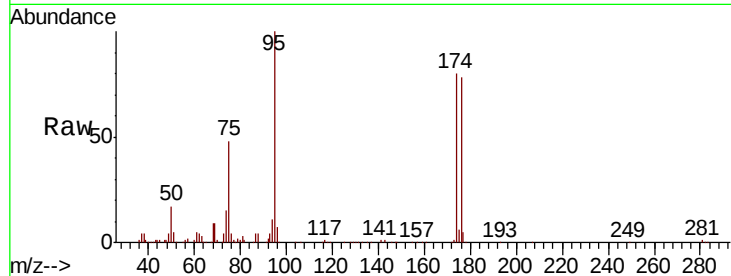
600436752

Tot Ion: 75 Resp: 101532

Ion Ratio Lower Upper

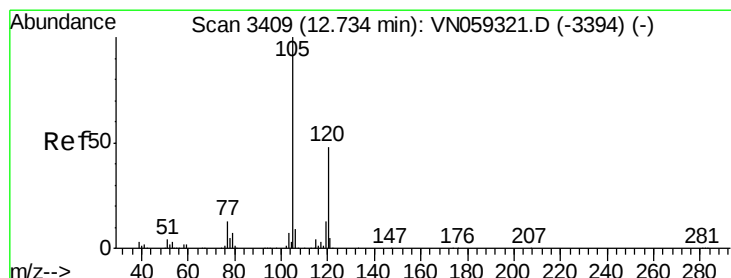
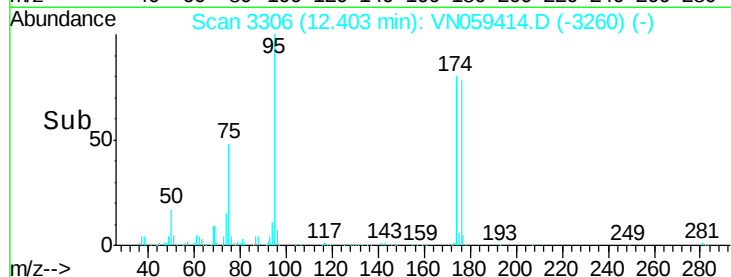
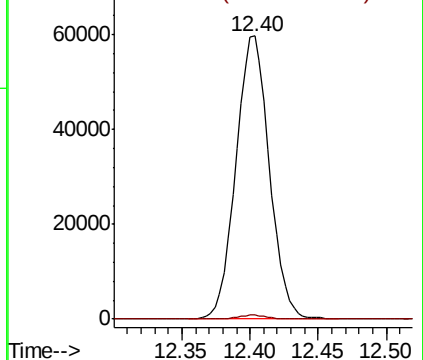
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#80

1,3,5-Trimethylbenzene

Concen: 0.289 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN059414.D

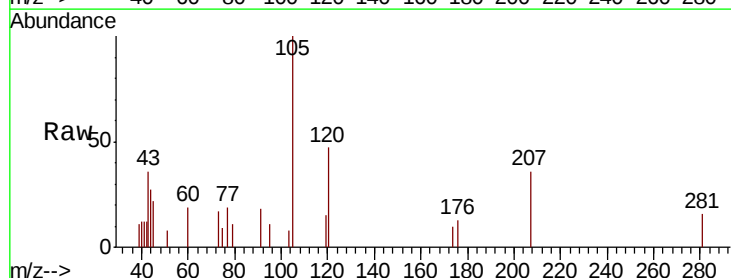
Acq: 26 Nov 2019 18:04

Tgt Ion: 105 Resp: 3533

Ion Ratio Lower Upper

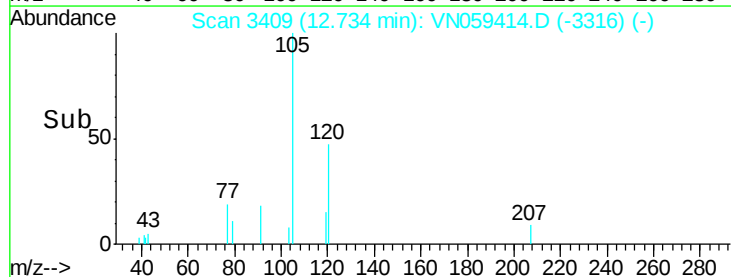
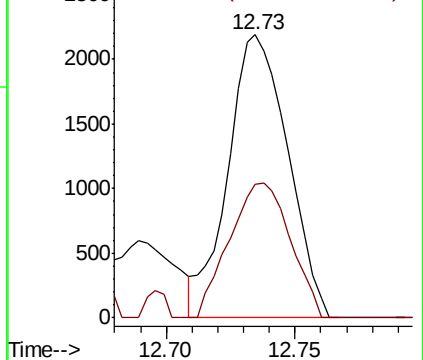
105 100

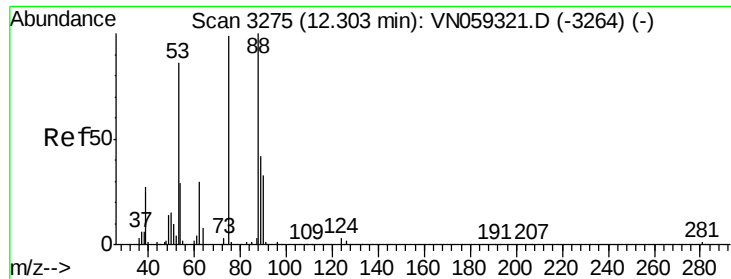
120 48.5 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 61.897 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN059414.D

Acq: 26 Nov 2019 18:04

Instrument :

MSVOA_N

ClientSampleId :

600436752

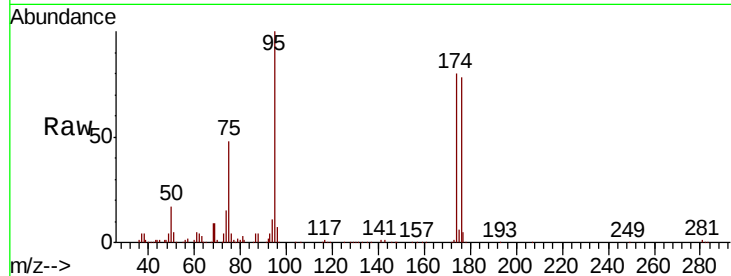
Tot Ion: 75 Resp: 101532

Ion Ratio Lower Upper

75 100

53 0.0 70.7 106.1#

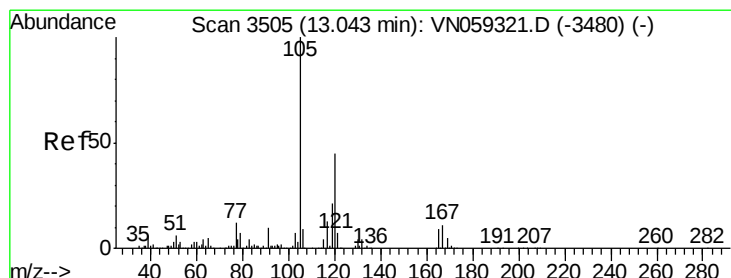
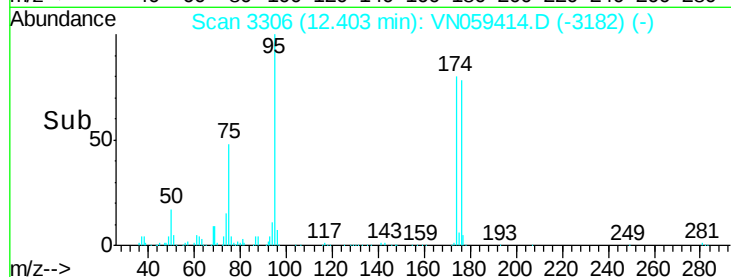
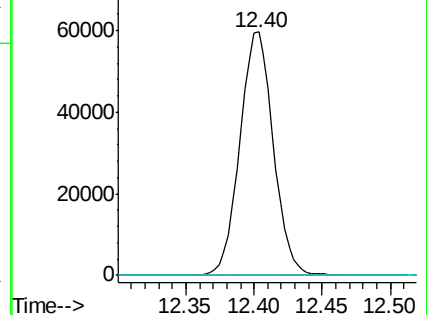
89 0.0 35.4 53.0#



Abundance Ion 74.90 (74.60 to 75.60): VN059414.D (-3182) (-)

Ion 53.00 (52.70 to 53.70): VN059414.D (-3182) (-)

Ion 88.90 (88.60 to 89.60): VN059414.D (-3182) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.296 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN059414.D

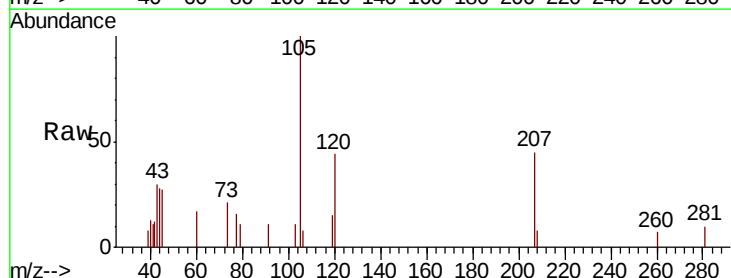
Acq: 26 Nov 2019 18:04

Tgt Ion: 105 Resp: 3546

Ion Ratio Lower Upper

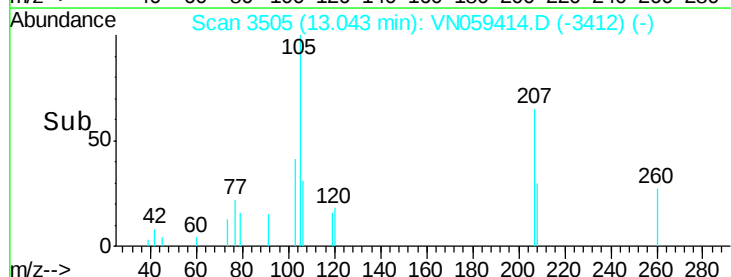
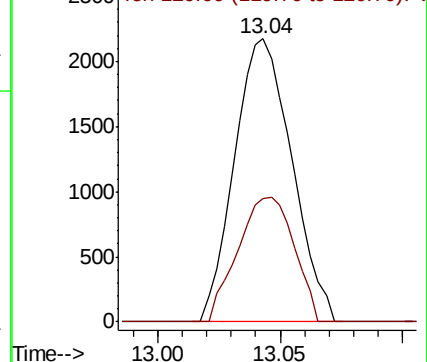
105 100

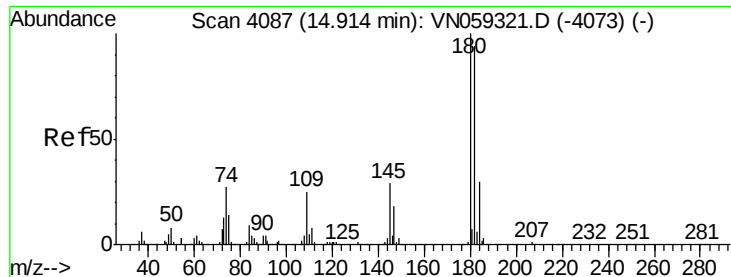
120 43.3 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): VN059414.D (-3412) (-)

Ion 120.00 (119.70 to 120.70): VN059414.D (-3412) (-)

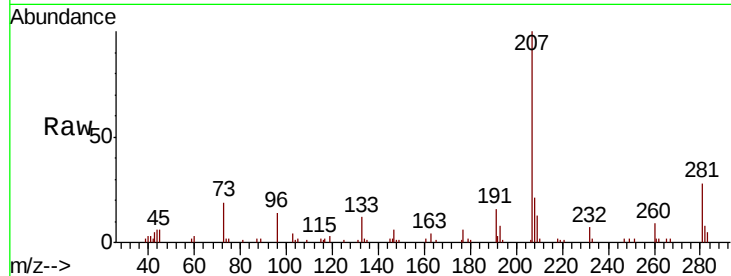




#93
 1,2,4-Trichlorobenzene
 Concen: 2.946 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. -0.00 min
 Lab File: VN059414.D
 Acq: 26 Nov 2019 18:04

Instrument :
 MSVOA_N
 ClientSampleId :
 600436752

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.2	141.6#
145	600.0	14.9	44.5#

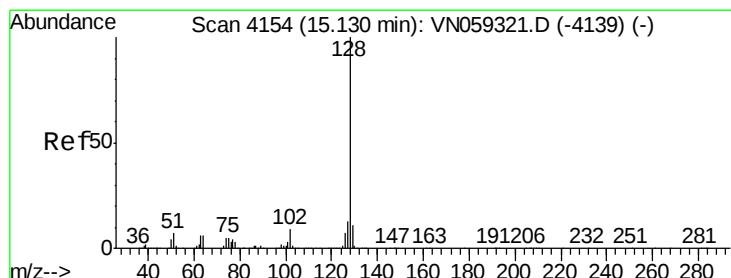
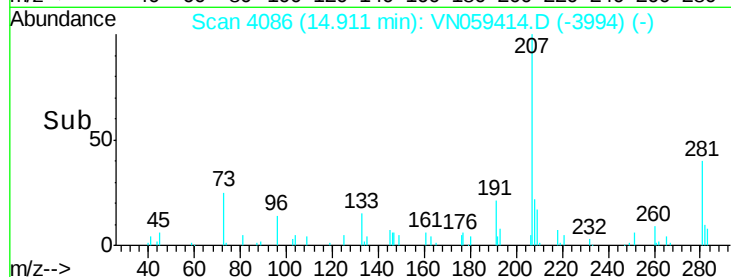
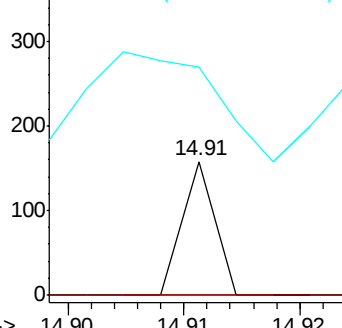


Abundance

Ion 179.80 (179.50 to 180.50): V

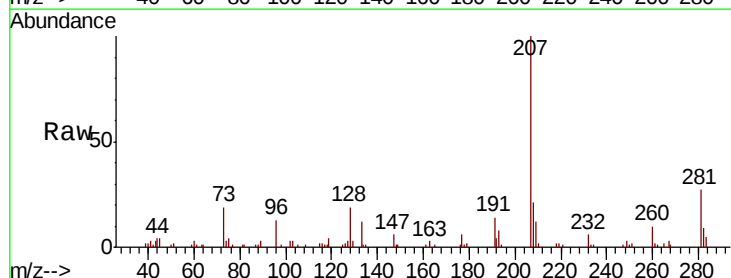
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 3.737 ug/l
 RT: 15.13 min Scan# 4154
 Delta R.T. 0.00 min
 Lab File: VN059414.D
 Acq: 26 Nov 2019 18:04

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	13.3	8.6	13.0#

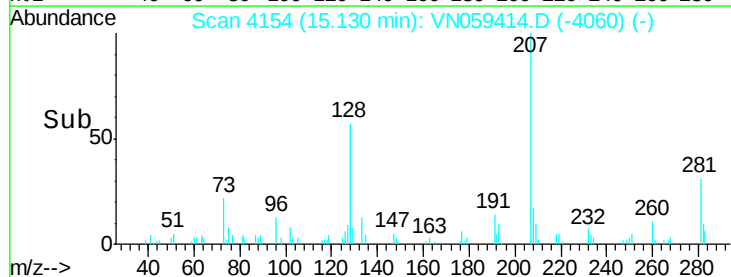
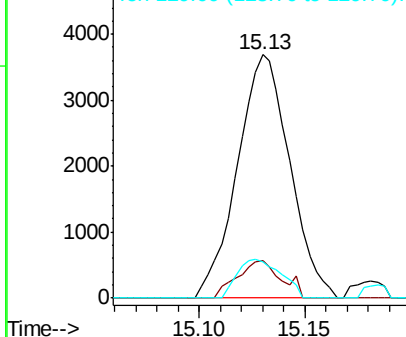


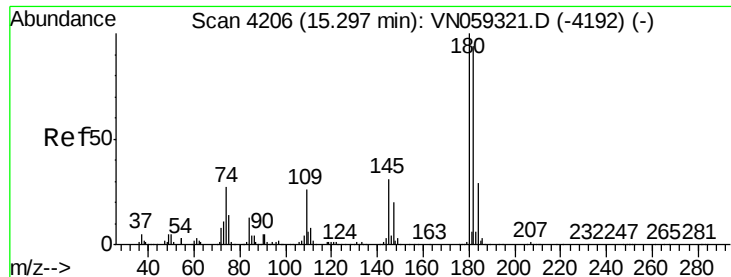
Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 1.917 ug/l
 RT: 15.29 min Scan# 4204
 Delta R.T. -0.01 min
 Lab File: VN059414.D
 Acq: 26 Nov 2019 18:04

Instrument :
 MSVOA_N
 ClientSampleId :
 600436752

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.1	141.4#
145	303.3	15.6	46.8#

