

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050719\
 Data File : VN055466.D
 Acq On : 8 May 2019 4:05
 Operator : JC/SP
 Sample : K2717-16
 Misc : 5.95g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P026-SS003-0612-01

Quant Time: May 08 05:57:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	439575	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	691285	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	562680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	182980	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	289167	50.28	ug/l	0.00
Spiked Amount			Recovery	=	100.56%	
35) Dibromofluoromethane	7.59	113	217427	47.92	ug/l	0.00
Spiked Amount			Recovery	=	95.84%	
50) Toluene-d8	10.09	98	815596	49.78	ug/l	0.00
Spiked Amount			Recovery	=	99.56%	
62) 4-Bromofluorobenzene	12.40	95	244349	47.72	ug/l	0.00
Spiked Amount			Recovery	=	95.44%	

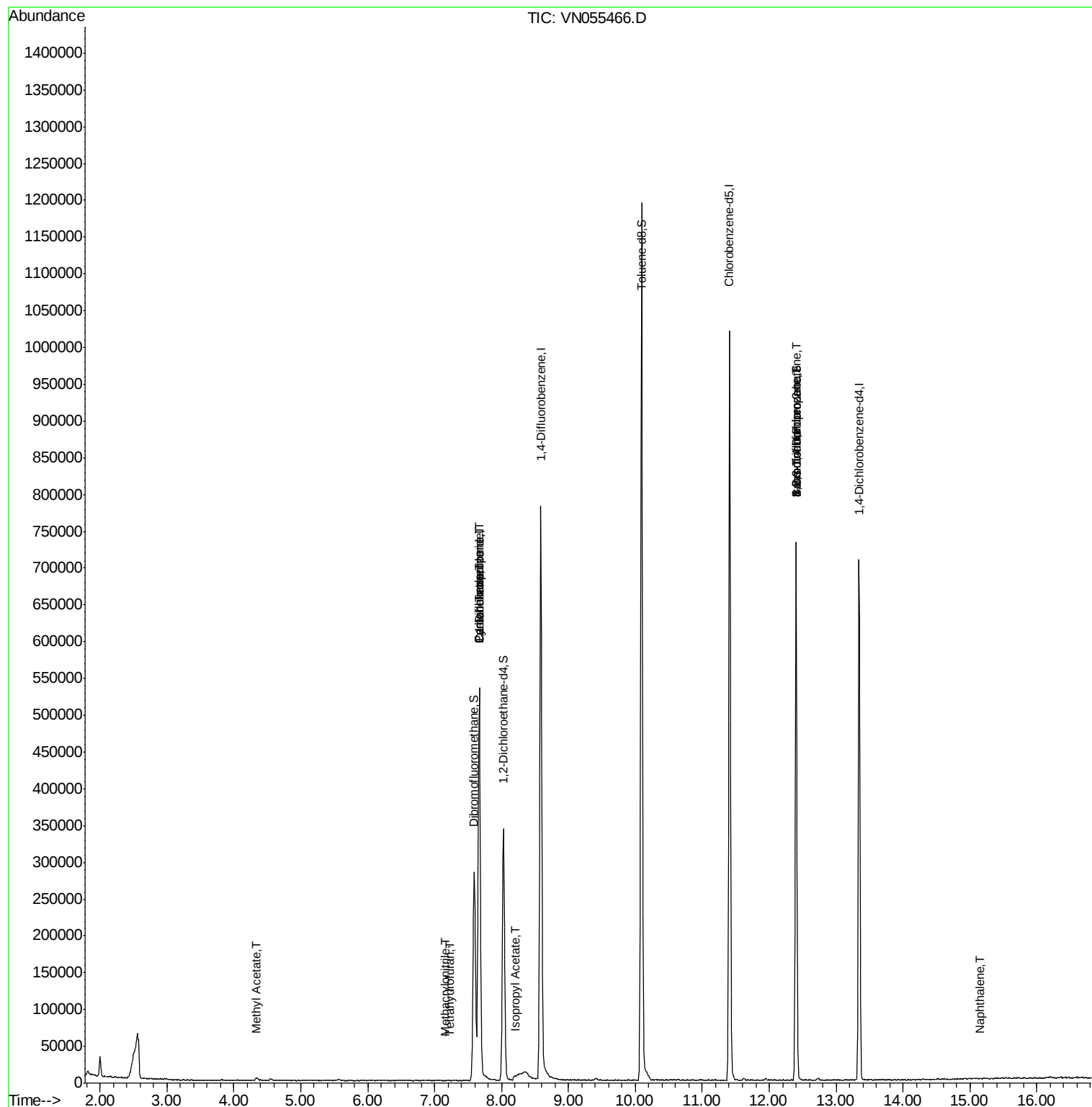
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Methyl Acetate	4.34	43	8252	0.873	ug/l #	75
29) Tetrahydrofuran	7.22	42	536	0.365	ug/l #	40
31) Cyclohexane	7.66	56	10080	1.114	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	35280	5.328	ug/l #	50
38) Carbon Tetrachloride	7.67	117	41403	6.482	ug/l #	16
41) Methacrylonitrile	7.16	41	29	0.750	ug/l #	23
43) Isopropyl Acetate	8.20	43	5267	0.646	ug/l #	56
71) Bromoform	12.40	173	2512	1.051	ug/l #	1
73) Isopropylbenzene	12.25	105	92	Below Cal	#	49
76) 1,2,3-Trichloropropane	12.40	75	129833	37.546	ug/l #	100
79) 2-Chlorotoluene	12.58	91	112	Below Cal	#	42
81) trans-1,4-Dichloro-2-buten	12.40	75	129833	134.464	ug/l #	7
95) Naphthalene	15.14	128	94	3.346	ug/l #	69

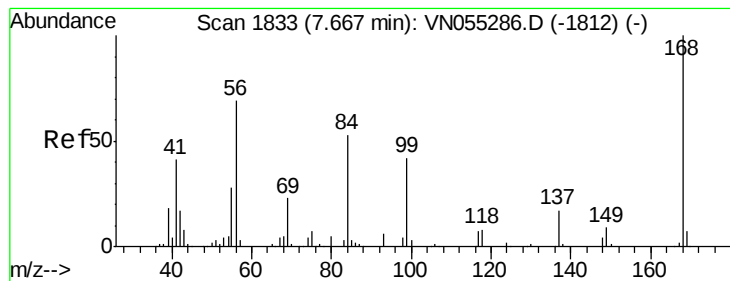
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_N
ClientSampleId :
P026-SS003-0612-01

Quant Time: May 08 05:57:31 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055466.D

Acq: 8 May 2019 4:05

Instrument :

MSVOA_N

ClientSampleId :

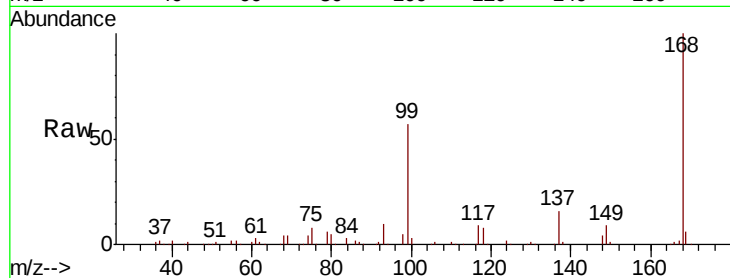
P026-SS003-0612-01

Tot Ion:168 Resp: 439575

Ion Ratio Lower Upper

168 100

99 57.2 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): VN055286.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055286.D (-1812) (-)

7.67

200000

150000

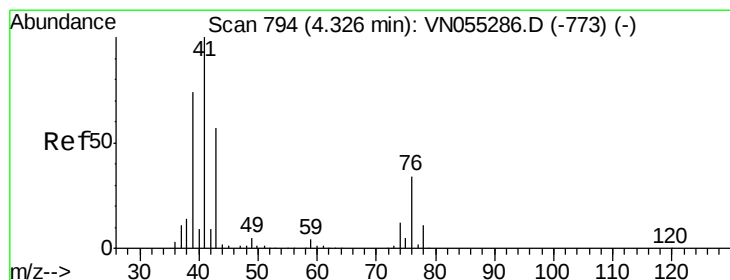
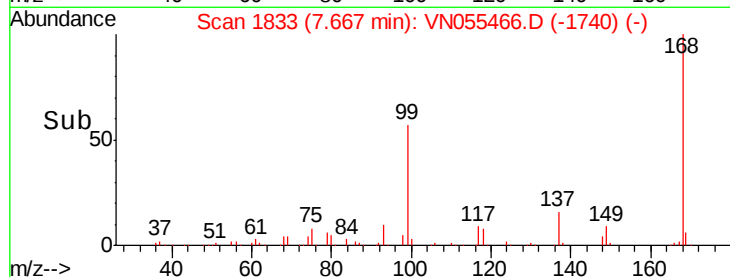
100000

50000

0

Time-->

7.55 7.60 7.65 7.70 7.75



#18

Methyl Acetate

Concen: 0.873 ug/l

RT: 4.34 min Scan# 799

Delta R.T. 0.02 min

Lab File: VN055466.D

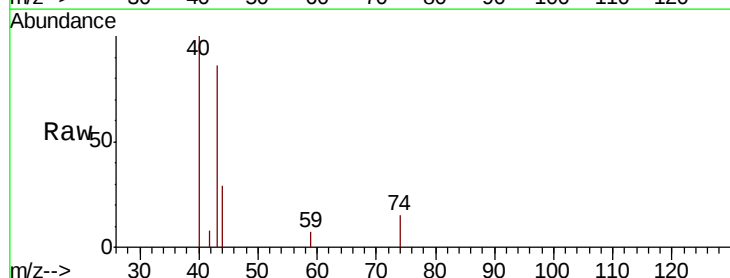
Acq: 8 May 2019 4:05

Tgt Ion: 43 Resp: 8252

Ion Ratio Lower Upper

43 100

74 8.1 15.8 23.8#



Abundance Ion 43.00 (42.70 to 43.70): VN055286.D (-773) (-)

Ion 74.00 (73.70 to 74.70): VN055286.D (-773) (-)

4.34

2500

2000

1500

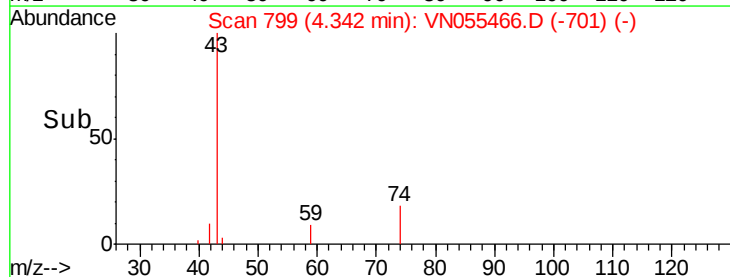
1000

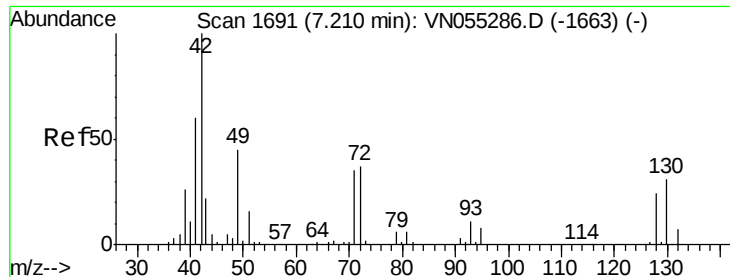
500

0

Time-->

4.30 4.40





#29

Tetrahydrofuran

Concen: 0.365 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.01 min

Lab File: VN055466.D

Acq: 8 May 2019 4:05

Instrument :

MSVOA_N

ClientSampleId :

P026-SS003-0612-01

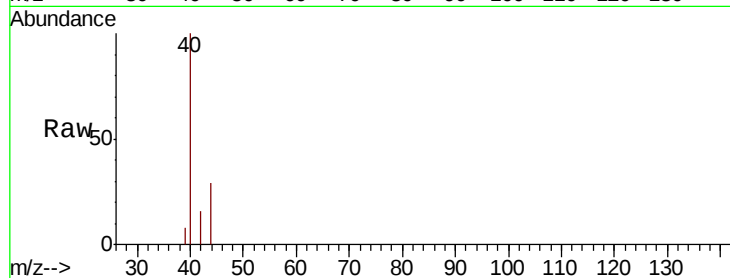
Tot Ion: 42 Resp: 536

Ion Ratio Lower Upper

42 100

72 0.0 29.0 43.6#

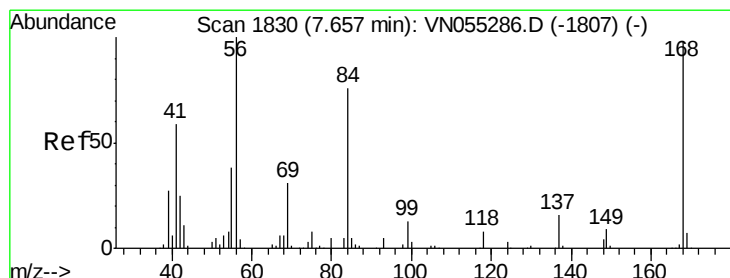
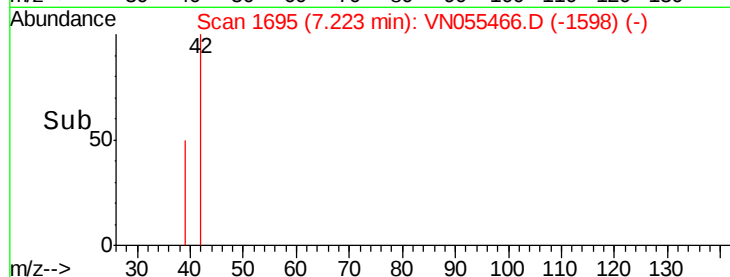
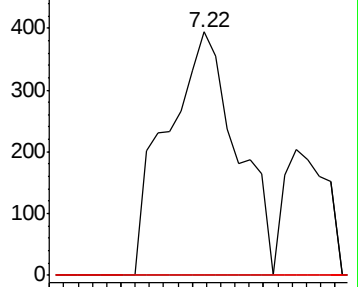
71 0.0 27.1 40.7#



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: 1.114 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN055466.D

Acq: 8 May 2019 4:05

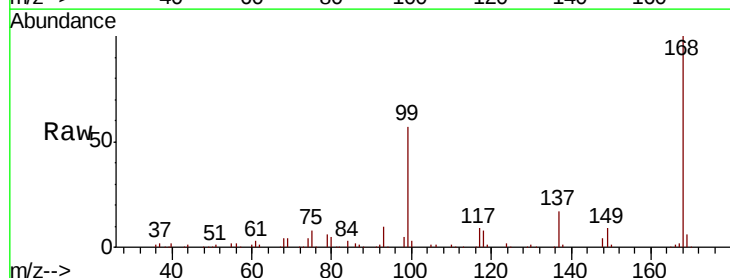
Tgt Ion: 56 Resp: 10080

Ion Ratio Lower Upper

56 100

69 157.2 25.2 37.8#

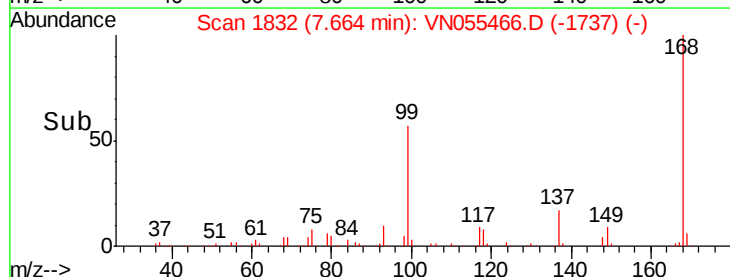
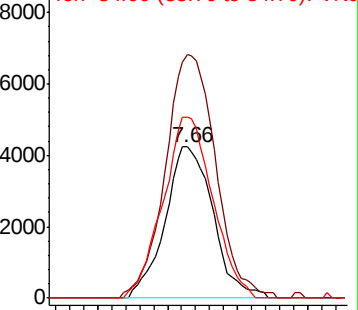
84 119.6 61.1 91.7#

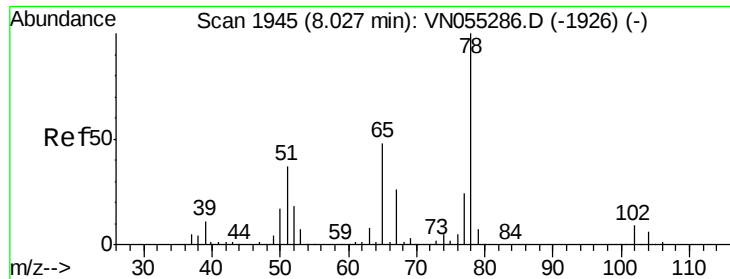


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

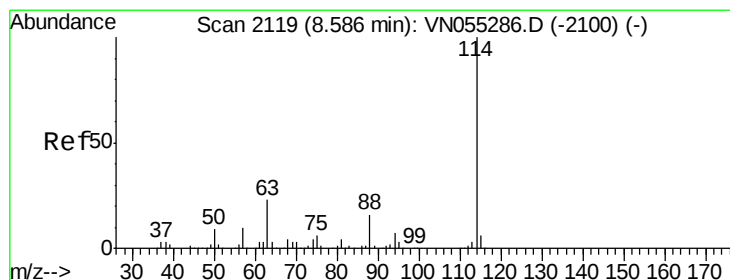
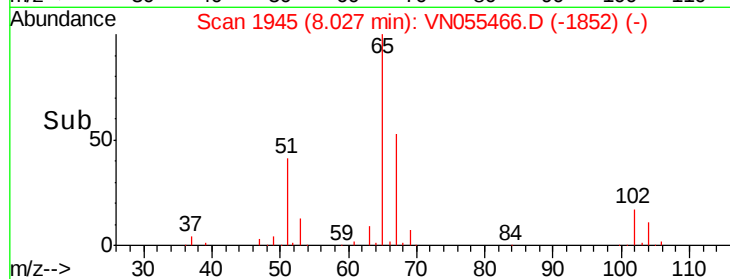
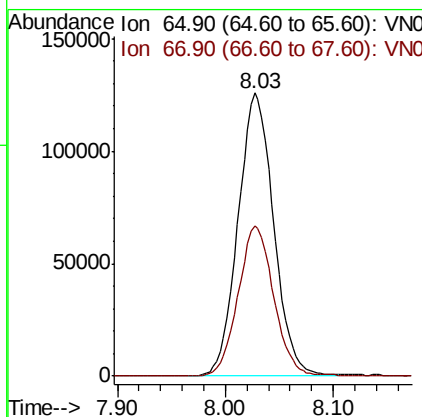
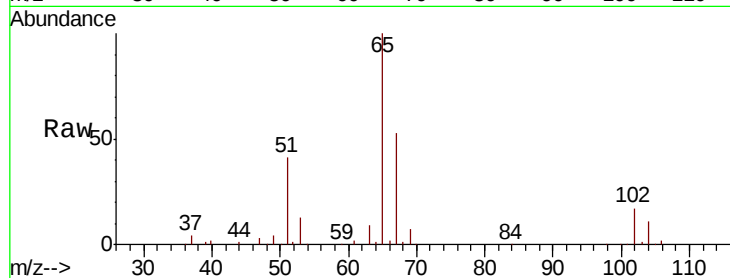




#33
 1,2-Dichloroethane-d4
 Concen: 50.284 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055466.D
 Acq: 8 May 2019 4:05

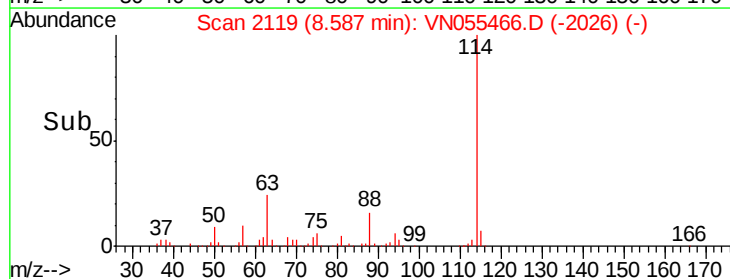
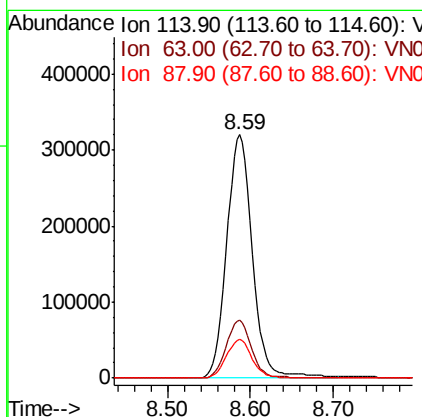
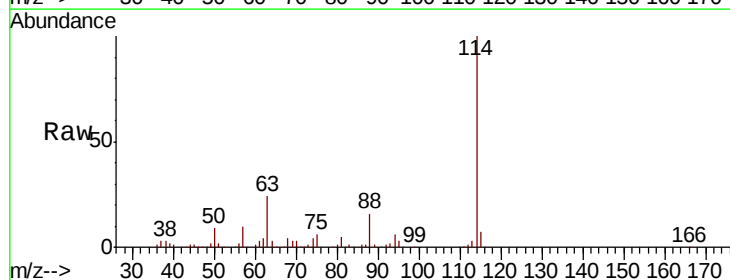
Instrument :
 MSVOA_N
 ClientSampleId :
 P026-SS003-0612-01

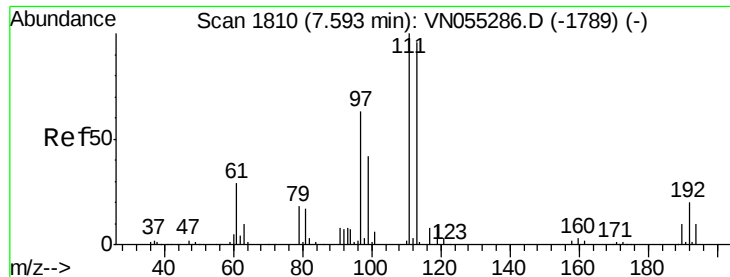
Tot Ion: 65 Resp: 289167
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055466.D
 Acq: 8 May 2019 4:05

Tgt Ion: 114 Resp: 691285
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 45.2
 88 15.9 0.0 31.6

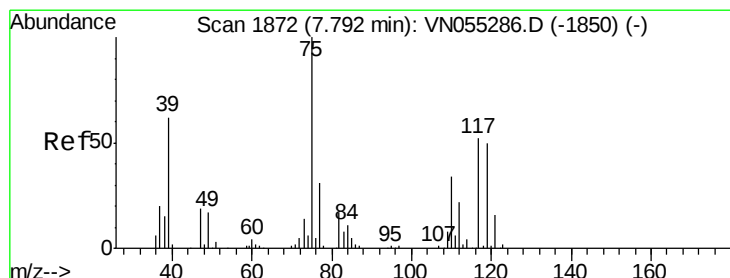
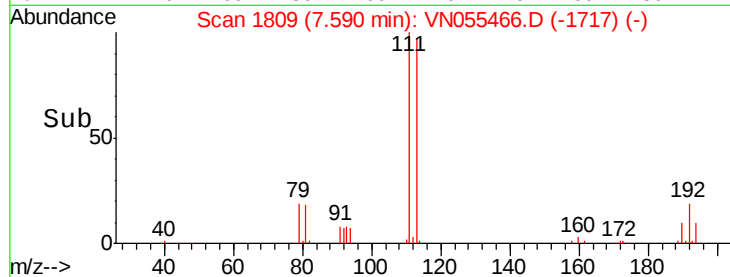
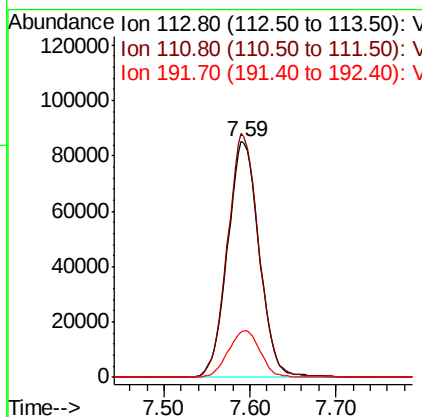
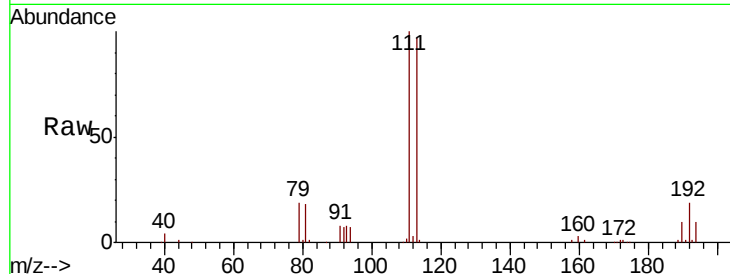




#35
 Dibromofluoromethane
 Concen: 47.919 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055466.D
 Acq: 8 May 2019 4:05

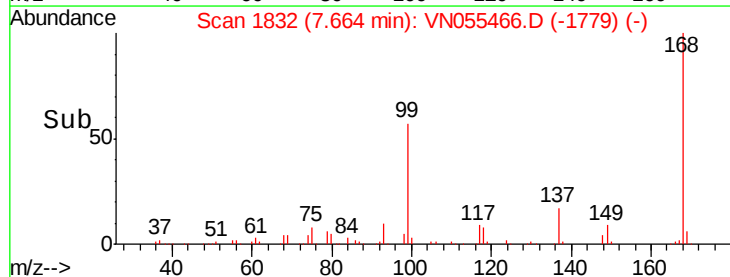
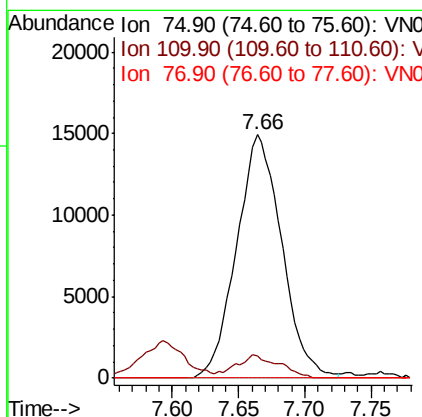
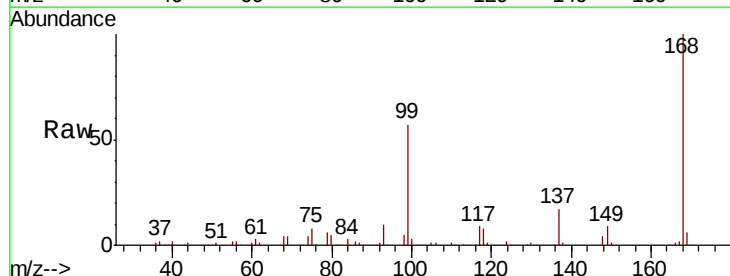
Instrument :
 MSVOA_N
 ClientSampleId :
 P026-SS003-0612-01

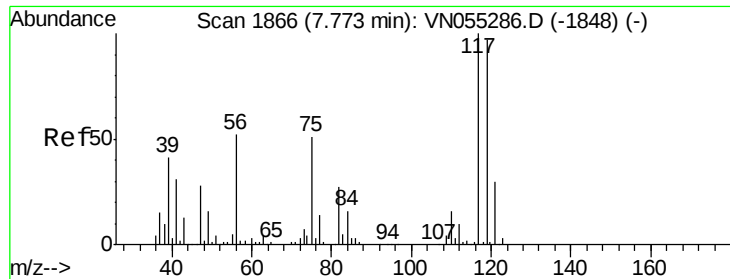
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.3	123.5
192	19.9	17.0	25.6



#36
 1,1-Dichloropropene
 Concen: 5.328 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN055466.D
 Acq: 8 May 2019 4:05

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.1	16.8	50.4#
77	0.0	25.0	37.6#





#38

Carbon Tetrachloride

Concen: 6.482 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN055466.D

Acq: 8 May 2019 4:05

Instrument :

MSVOA_N

ClientSampleId :

P026-SS003-0612-01

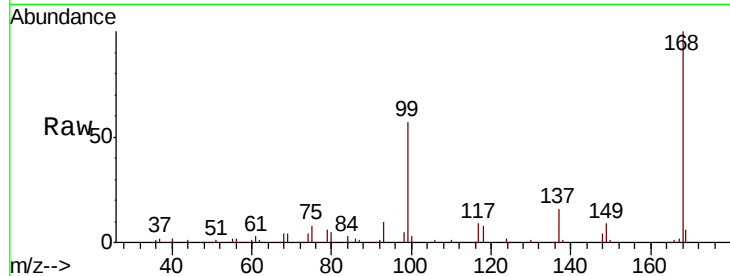
Tot Ion:117 Resp: 41403

Ion Ratio Lower Upper

117 100

119 5.3 77.0 115.6#

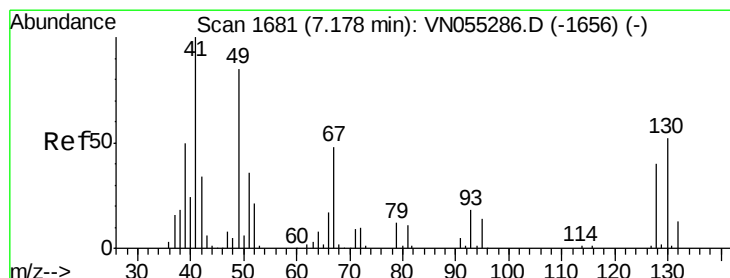
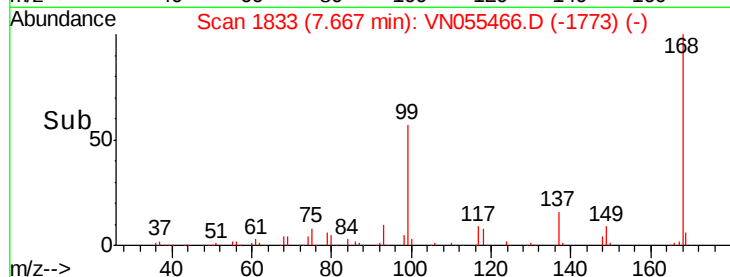
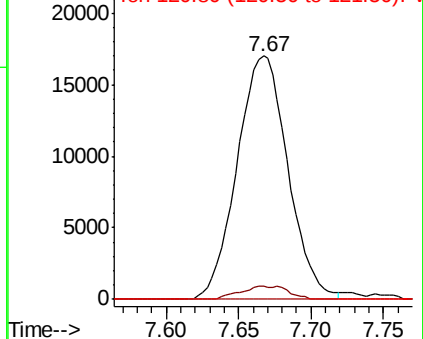
121 0.0 23.8 35.8#



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



#41

Methacrylonitrile

Concen: 0.750 ug/l

RT: 7.16 min Scan# 1676

Delta R.T. -0.02 min

Lab File: VN055466.D

Acq: 8 May 2019 4:05

Tgt Ion: 41 Resp: 29

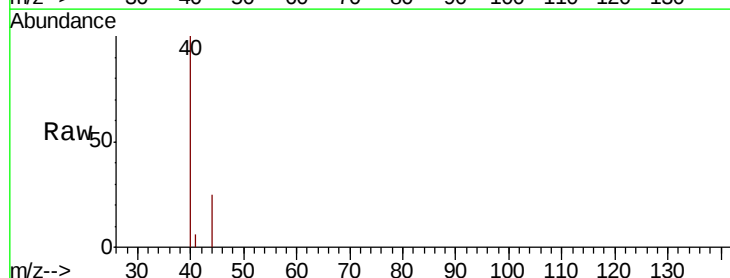
Ion Ratio Lower Upper

41 100

39 0.0 48.5 72.7#

67 0.0 54.9 82.3#

52 0.0 24.9 37.3#

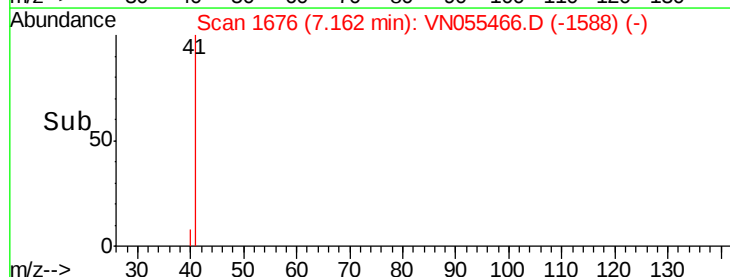
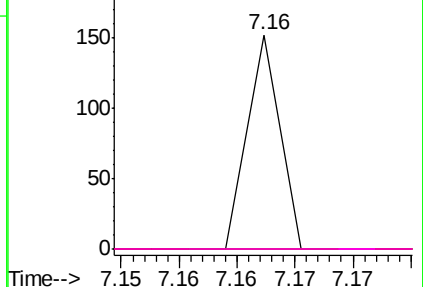


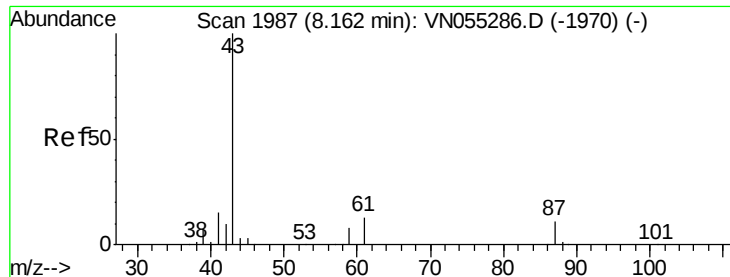
Abundance Ion 41.00 (40.70 to 41.70): V

Ion 39.00 (38.70 to 39.70): V

Ion 67.00 (66.70 to 67.70): V

Ion 52.00 (51.70 to 52.70): V





#43

Isopropyl Acetate

Concen: 0.646 ug/l

RT: 8.20 min Scan# 2000

Delta R.T. 0.04 min

Lab File: VN055466.D

Acq: 8 May 2019 4:05

Instrument :

MSVOA_N

ClientSampleId :

P026-SS003-0612-01

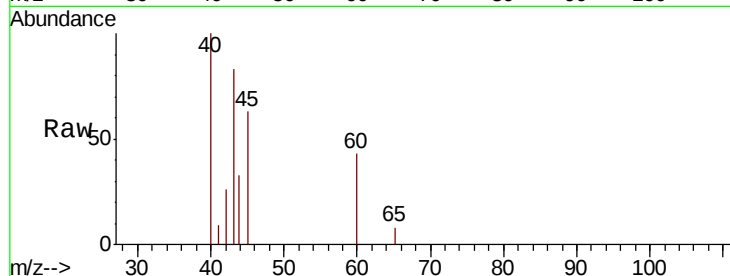
Tot Ion: 43 Resp: 5267

Ion Ratio Lower Upper

43 100

61 0.0 20.8 31.2#

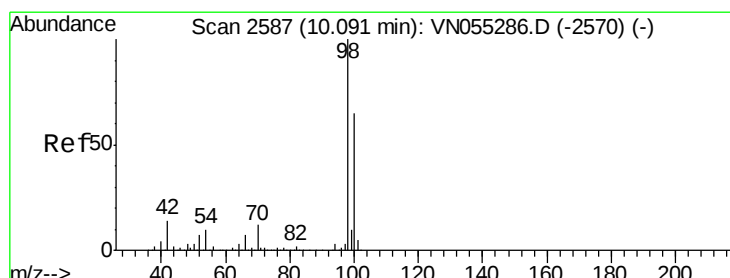
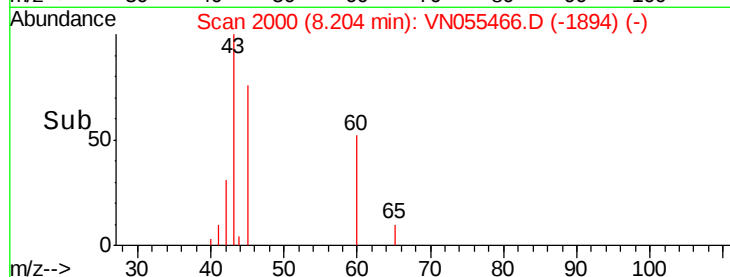
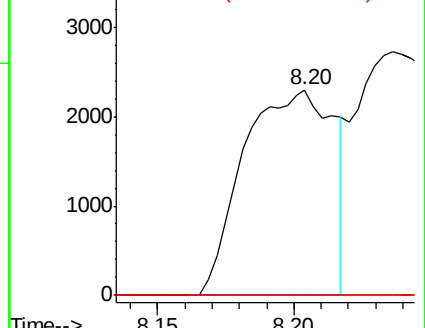
87 0.0 8.5 12.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 49.780 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055466.D

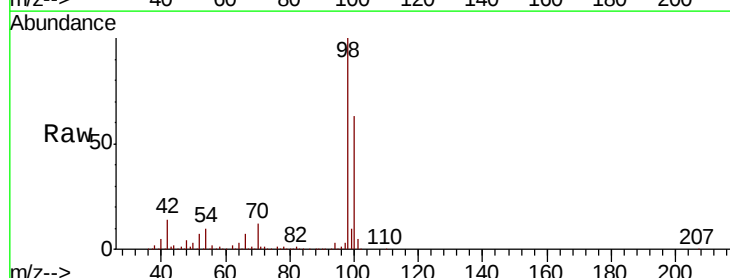
Acq: 8 May 2019 4:05

Tgt Ion: 98 Resp: 815596

Ion Ratio Lower Upper

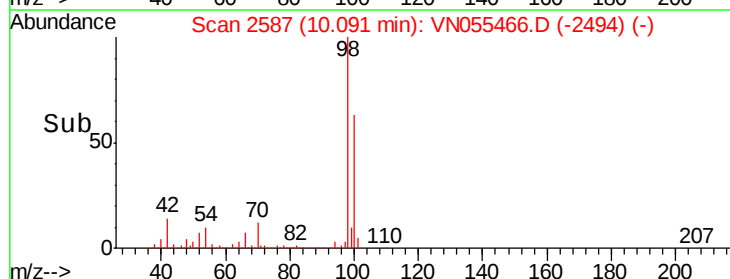
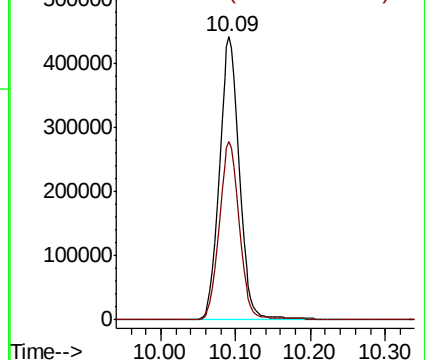
98 100

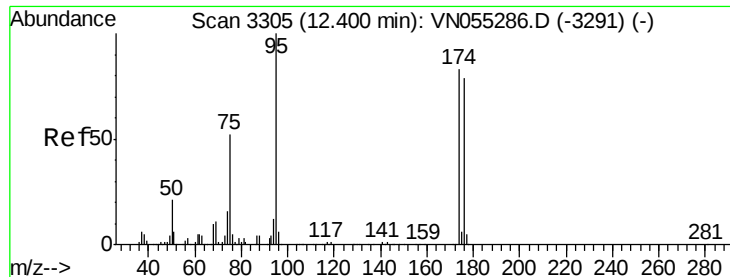
100 63.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 47.719 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055466.D

Acq: 8 May 2019 4:05

Instrument :

MSVOA_N

ClientSampleId :

P026-SS003-0612-01

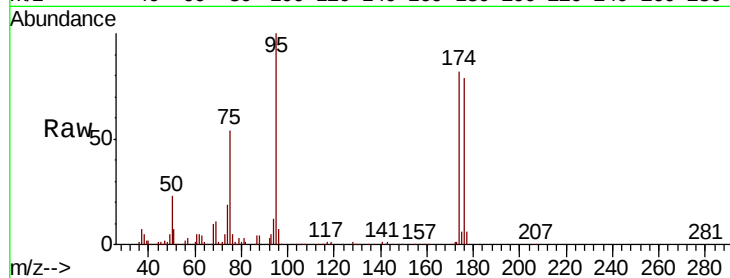
Tot Ion: 95 Resp: 244349

Ion Ratio Lower Upper

95 100

174 81.8 0.0 166.6

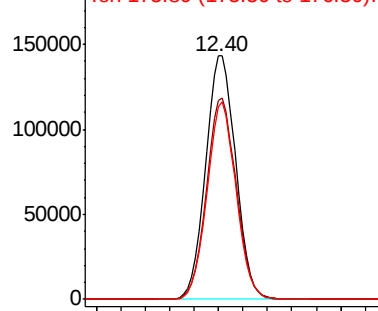
176 77.8 0.0 157.8



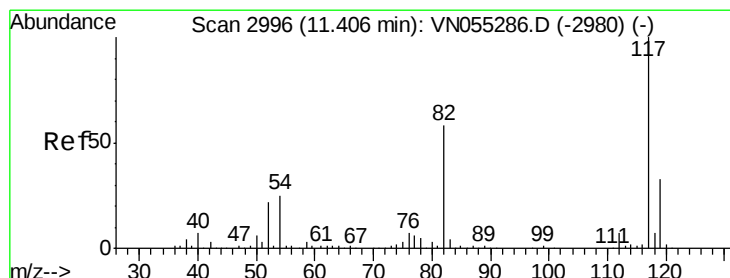
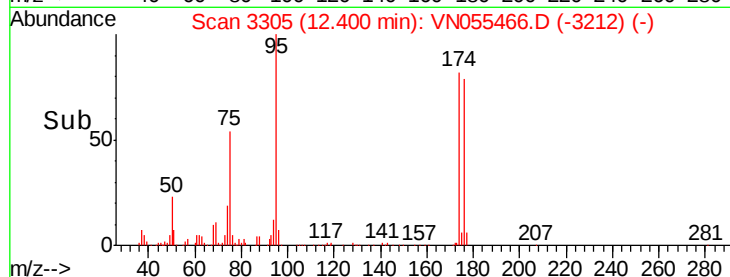
Abundance Ion 94.90 (94.60 to 95.60): VN055466.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN055466.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN055466.D (-2903) (-)



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055466.D

Acq: 8 May 2019 4:05

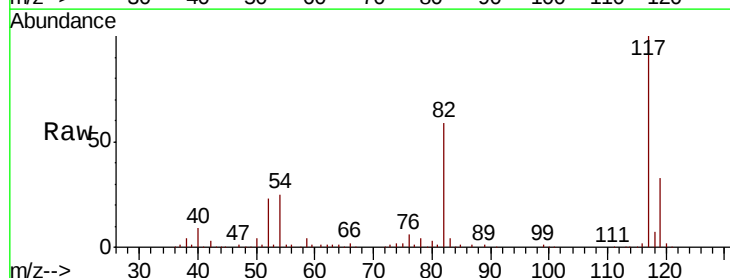
Tgt Ion: 117 Resp: 562680

Ion Ratio Lower Upper

117 100

82 58.9 46.2 69.4

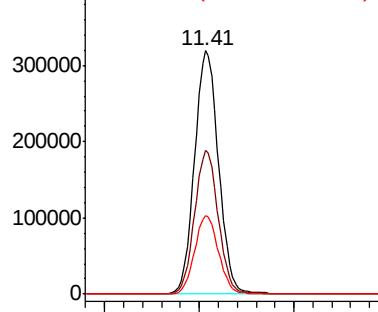
119 32.5 26.6 40.0



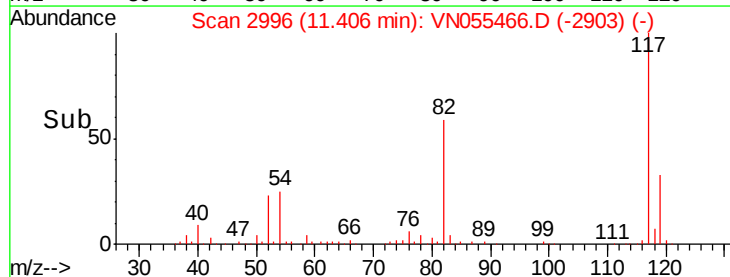
Abundance Ion 116.90 (116.60 to 117.60): VN055466.D (-2903) (-)

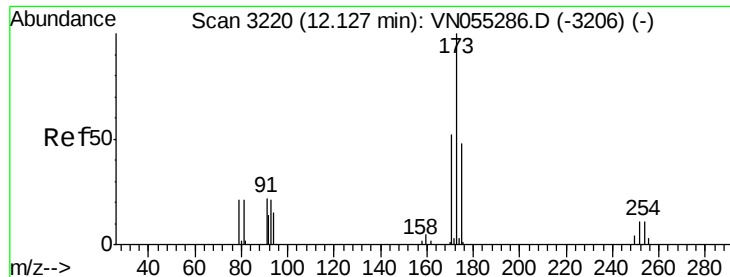
Ion 82.00 (81.70 to 82.70): VN055466.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055466.D (-2903) (-)



Time-->





#71

Bromoform

Concen: 1.051 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN055466.D

Acq: 8 May 2019 4:05

Instrument :

MSVOA_N

ClientSampleId :

P026-SS003-0612-01

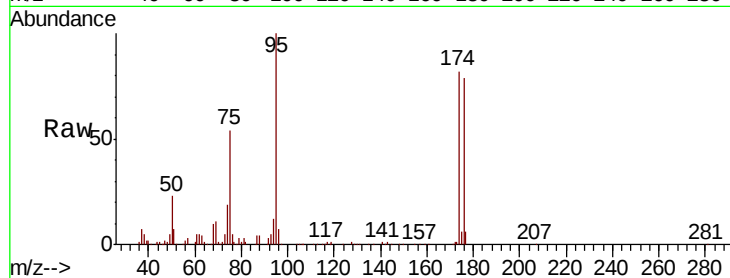
Tot Ion:173 Resp: 2512

Ion Ratio Lower Upper

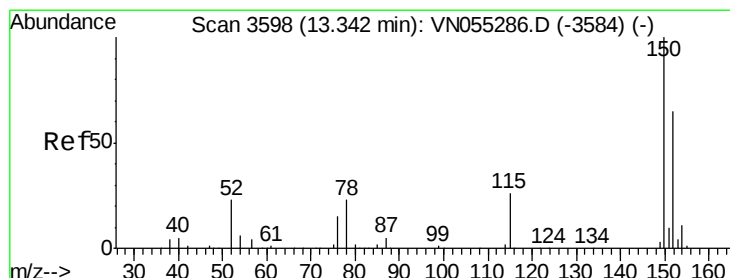
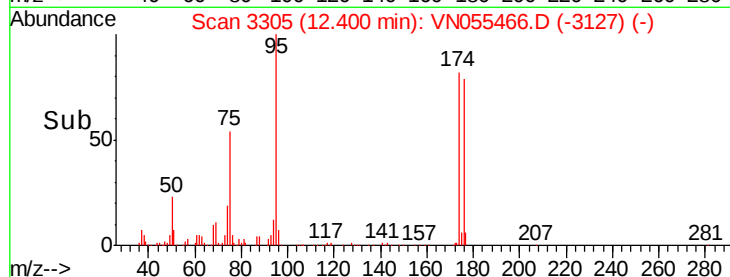
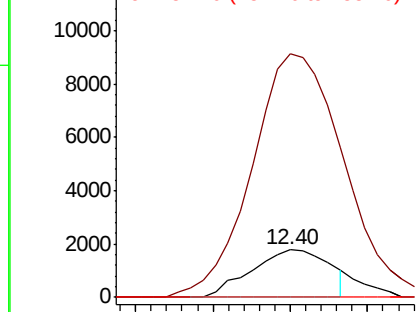
173 100

175 518.8 23.6 71.0#

254 0.0 0.0 0.0



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: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055466.D

Acq: 8 May 2019 4:05

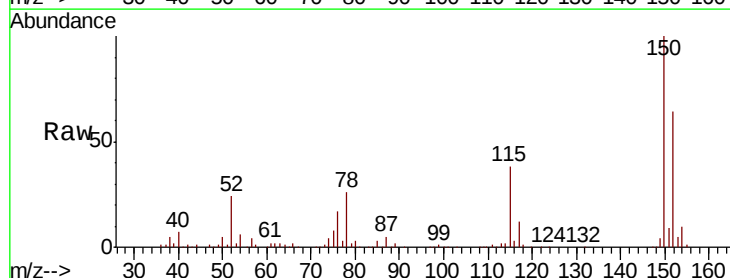
Tgt Ion:152 Resp: 182980

Ion Ratio Lower Upper

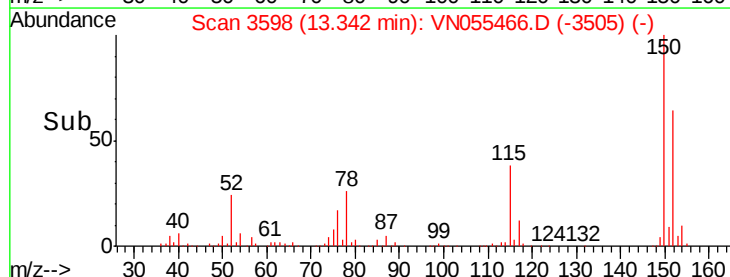
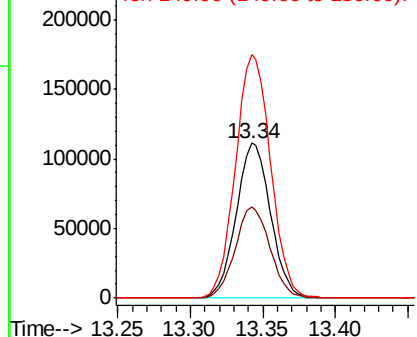
152 100

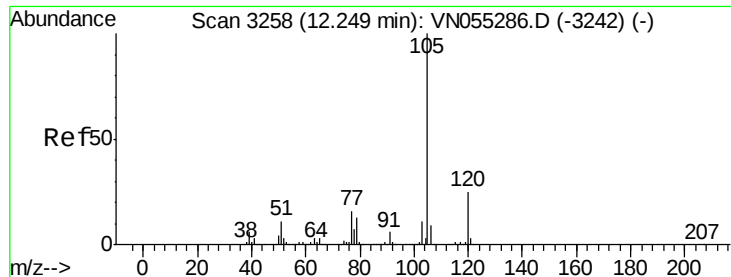
115 59.4 29.0 87.0

150 160.6 0.0 345.6



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





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055466.D

Acq: 8 May 2019 4:05

Instrument :

MSVOA_N

ClientSampleId :

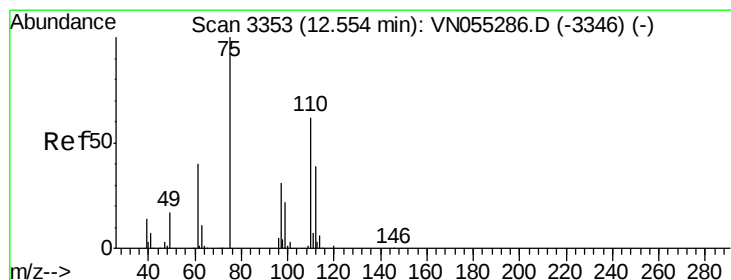
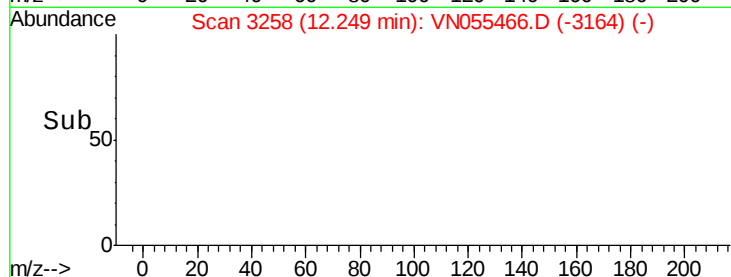
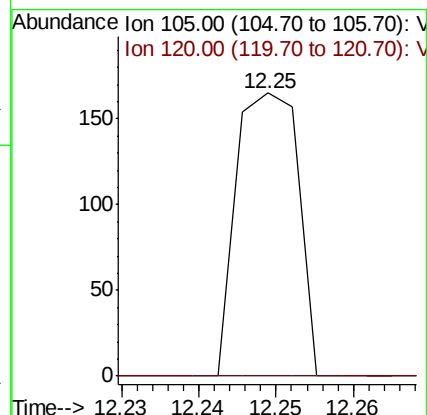
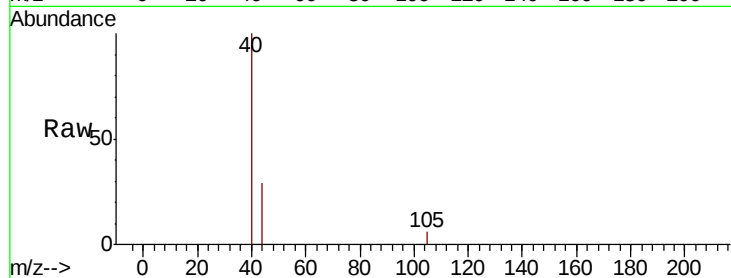
P026-SS003-0612-01

Tot Ion: 105 Resp: 92

Ion Ratio Lower Upper

105 100

120 0.0 12.9 38.7#



#76

1,2,3-Trichloropropane

Concen: 37.546 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055466.D

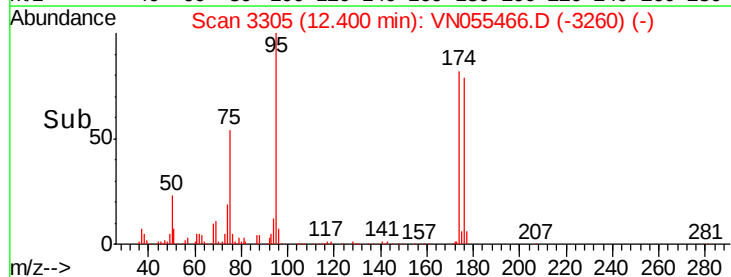
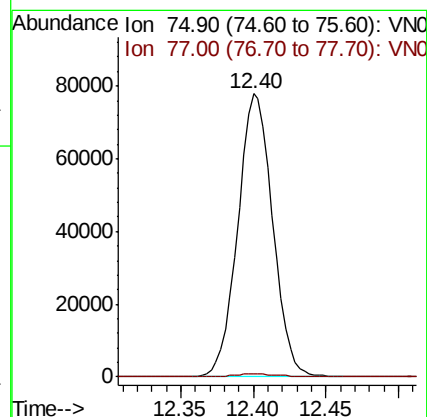
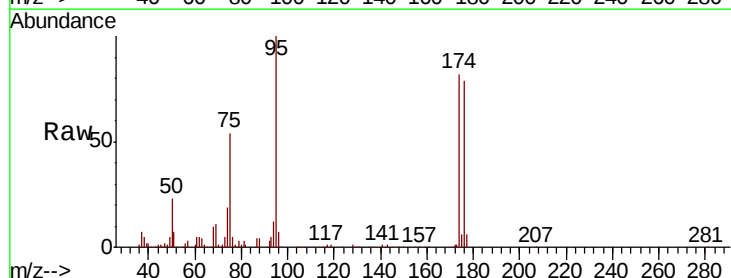
Acq: 8 May 2019 4:05

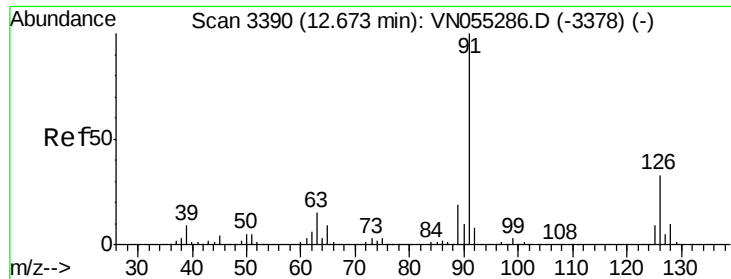
Tgt Ion: 75 Resp: 129833

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#

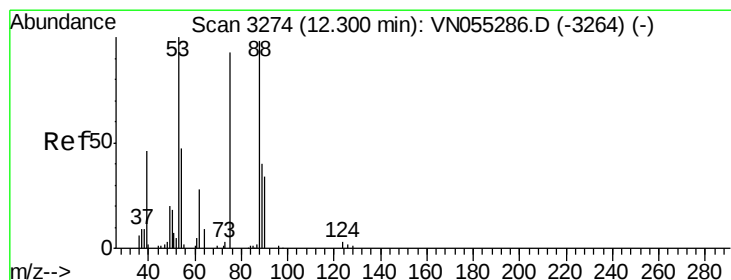
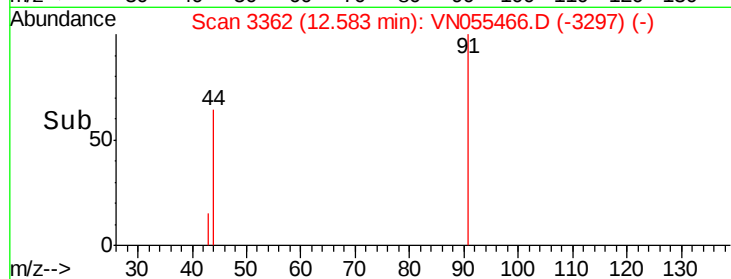
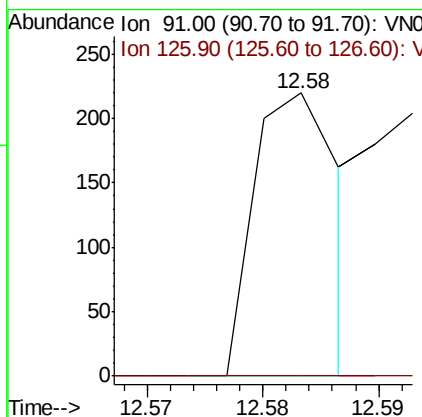
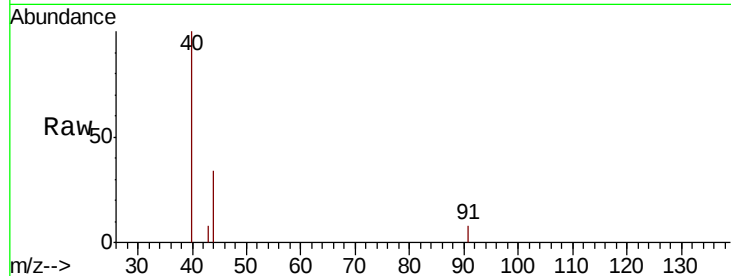




#79
 2-Chlorotoluene
 Concen: Below Cal
 RT: 12.58 min Scan# 3362
 Delta R.T. -0.09 min
 Lab File: VN055466.D
 Acq: 8 May 2019 4:05

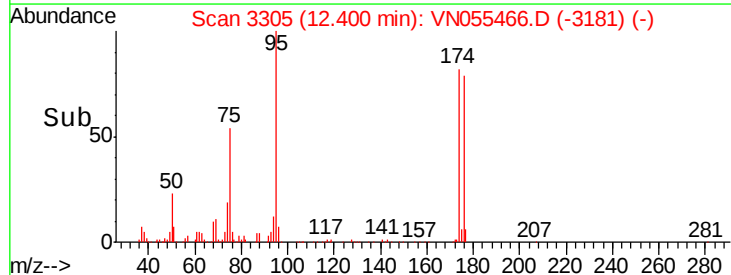
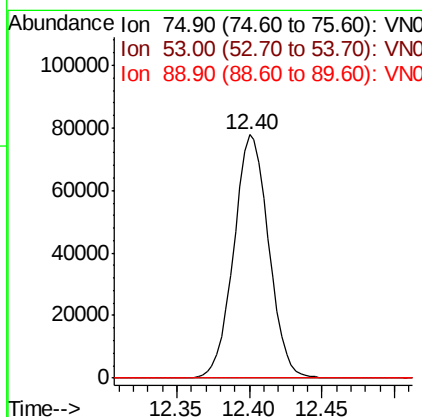
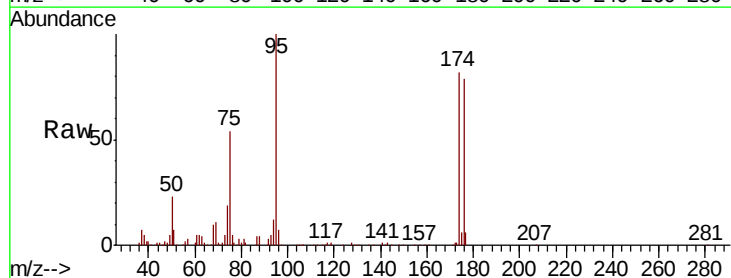
Instrument :
 MSVOA_N
 ClientSampleId :
 P026-SS003-0612-01

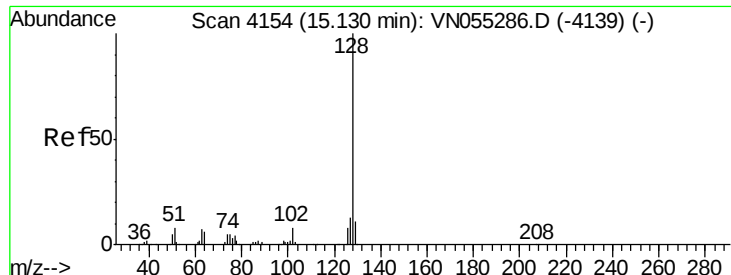
Tot Ion: 91 Resp: 112
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.6 49.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 134.464 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN055466.D
 Acq: 8 May 2019 4:05

Tgt Ion: 75 Resp: 129833
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.3 129.5#
 89 0.0 34.6 51.8#





#95

Naphthalene

Concen: 3.346 ug/l

RT: 15.14 min Scan# 4158

Delta R.T. 0.01 min

Lab File: VN055466.D

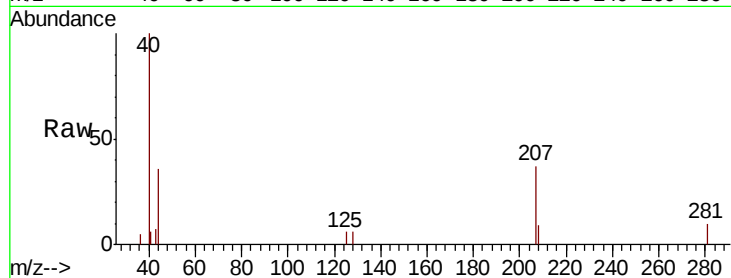
Acq: 8 May 2019 4:05

Instrument :

MSVOA_N

ClientSampleId :

P026-SS003-0612-01



Tot Ion:128 Resp: 94

Ion Ratio Lower Upper

128 100

127 0.0 10.7 16.1#

129 0.0 8.6 13.0#

