

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050719\
 Data File : VN055471.D
 Acq On : 8 May 2019 6:11
 Operator : JC/SP
 Sample : K2717-21
 Misc : 4.84g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P026-SS004-0612-01

Quant Time: May 08 08:37:36 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	422230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	661306	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	542253	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	169767	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	279982	50.69	ug/l	0.00
Spiked Amount			Recovery	=	101.38%	
35) Dibromofluoromethane	7.59	113	208610	48.06	ug/l	0.00
Spiked Amount			Recovery	=	96.12%	
50) Toluene-d8	10.09	98	779425	49.73	ug/l	0.00
Spiked Amount			Recovery	=	99.46%	
62) 4-Bromofluorobenzene	12.40	95	233346	47.64	ug/l	0.00
Spiked Amount			Recovery	=	95.28%	

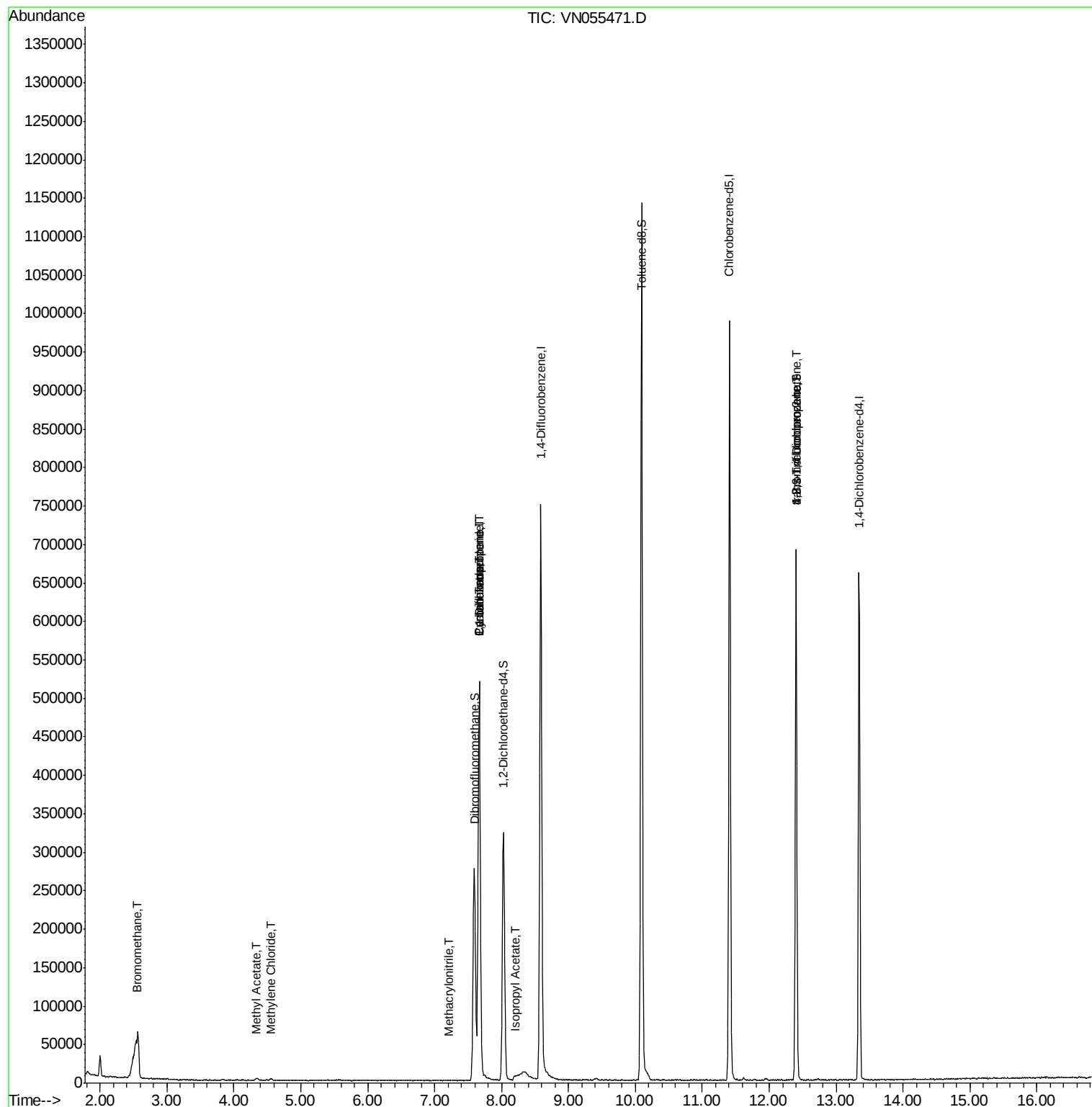
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.55	94	644	0.235	ug/l #	60
18) Methyl Acetate	4.34	43	6019	0.408	ug/l #	73
20) Methylene Chloride	4.55	84	1384	0.263	ug/l #	81
31) Cyclohexane	7.67	56	9516	1.095	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	33985	5.365	ug/l #	50
38) Carbon Tetrachloride	7.67	117	41734	6.830	ug/l #	16
41) Methacrylonitrile	7.20	41	35	0.753	ug/l #	23
43) Isopropyl Acetate	8.20	43	3842	0.492	ug/l #	56
73) Isopropylbenzene	12.40	105	246	Below Cal	#	49
76) 1,2,3-Trichloropropane	12.40	75	122537	38.240	ug/l #	100
77) Bromobenzene	12.40	156	75	Below Cal	#	1
79) 2-Chlorotoluene	12.59	91	30	Below Cal	#	42
81) trans-1,4-Dichloro-2-buten	12.40	75	122537	136.785	ug/l #	7

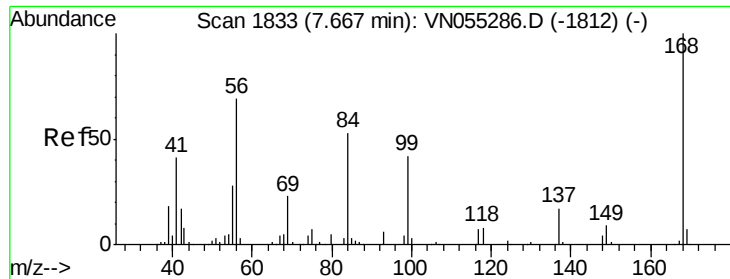
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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P026-SS004-0612-01

Quant Time: May 08 08:37:36 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: VN055471.D

Acq: 8 May 2019 6:11

Instrument :

MSVOA_N

ClientSampleId :

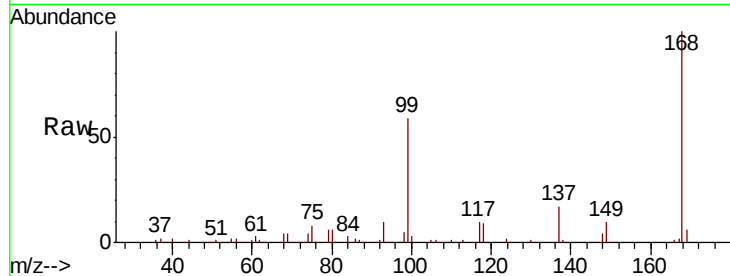
P026-SS004-0612-01

Tot Ion:168 Resp: 422230

Ion Ratio Lower Upper

168 100

99 58.9 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

150000

100000

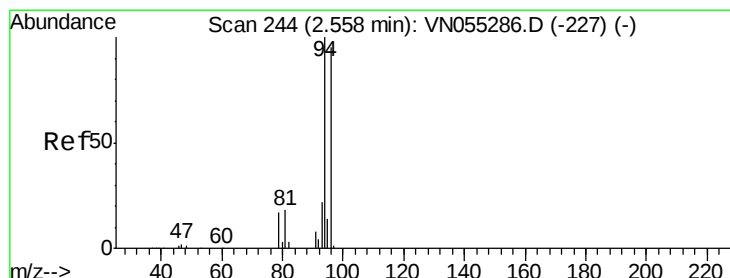
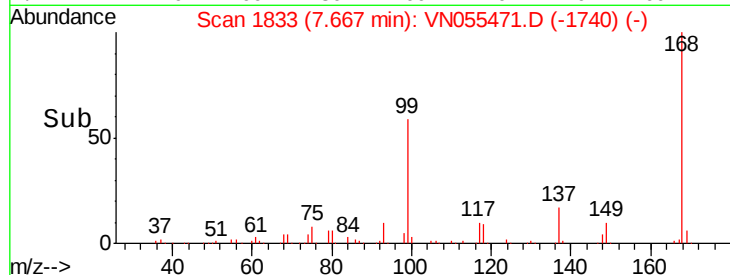
50000

0

Time-->

7.60

7.70



#5

Bromomethane

Concen: 0.235 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.01 min

Lab File: VN055471.D

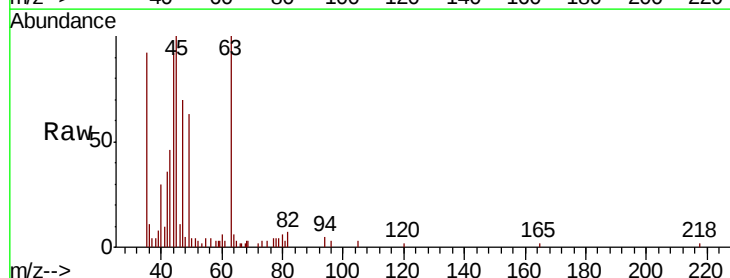
Acq: 8 May 2019 6:11

Tgt Ion: 94 Resp: 644

Ion Ratio Lower Upper

94 100

96 56.0 76.0 114.0#



Abundance Ion 93.90 (93.60 to 94.60): VN055286.D (-227) (-)

Ion 95.90 (95.60 to 96.60): VN055286.D (-227) (-)

2.55

400

300

200

100

0

Time-->

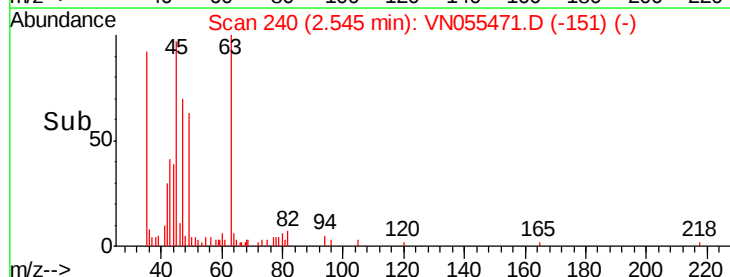
2.50

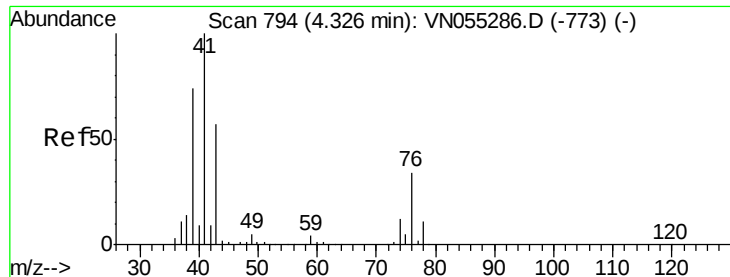
2.52

2.54

2.56

2.58

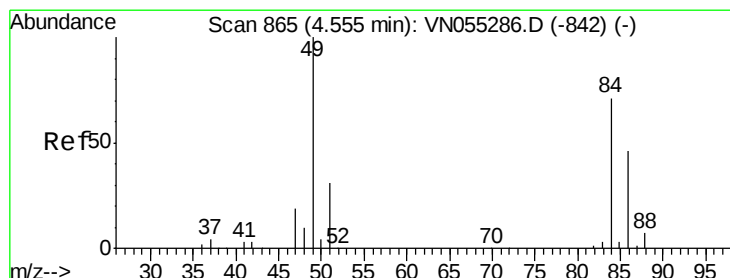
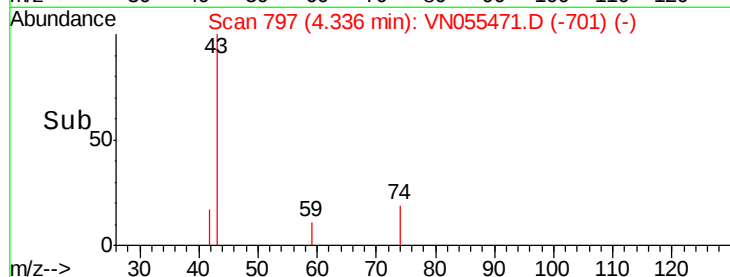
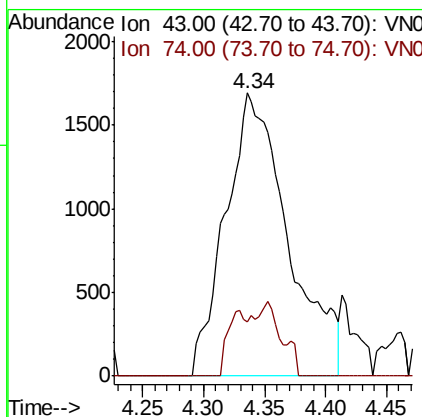
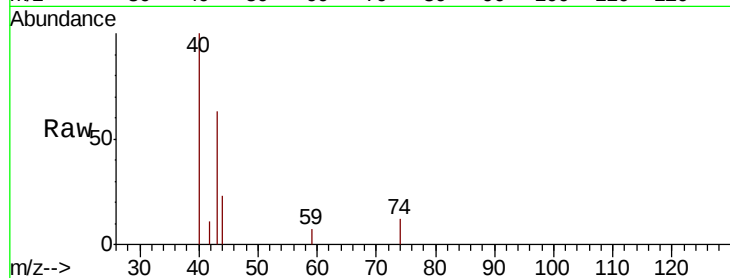




#18
Methyl Acetate
Concen: 0.408 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN055471.D
Acq: 8 May 2019 6:11

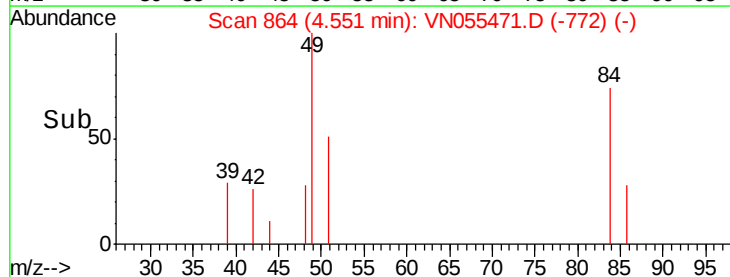
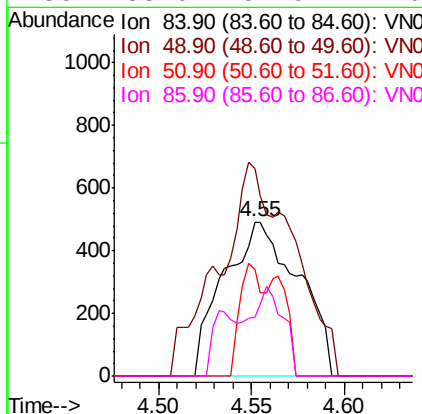
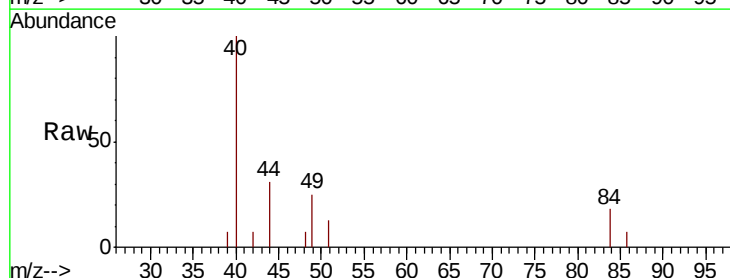
Instrument :
MSVOA_N
ClientSampleId :
P026-SS004-0612-01

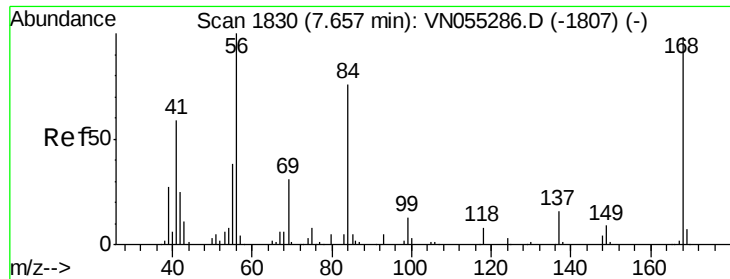
Tot Ion: 43 Resp: 6019
Ion Ratio Lower Upper
43 100
74 7.2 15.8 23.8#



#20
Methylene Chloride
Concen: 0.263 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN055471.D
Acq: 8 May 2019 6:11

Tgt Ion: 84 Resp: 1384
Ion Ratio Lower Upper
84 100
49 134.3 112.4 168.6
51 68.9 34.6 51.8#
86 38.0 51.9 77.9#

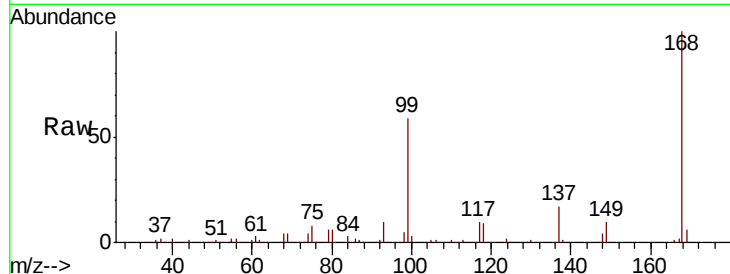




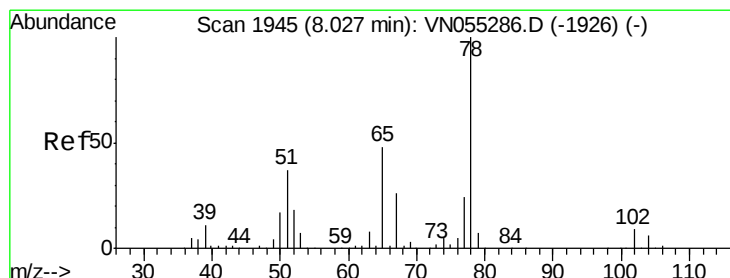
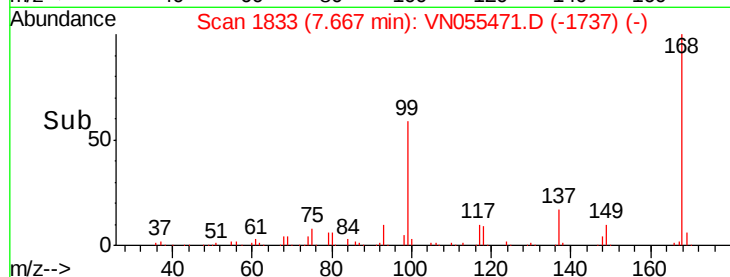
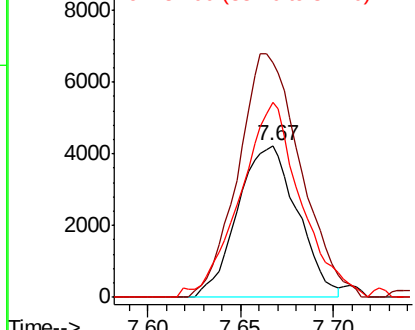
#31
Cyclohexane
Concen: 1.095 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN055471.D
Acq: 8 May 2019 6:11

Instrument :
MSVOA_N
ClientSampleId :
P026-SS004-0612-01

Tot Ion: 56 Resp: 9516
Ion Ratio Lower Upper
56 100
69 155.3 25.2 37.8#
84 122.9 61.1 91.7#

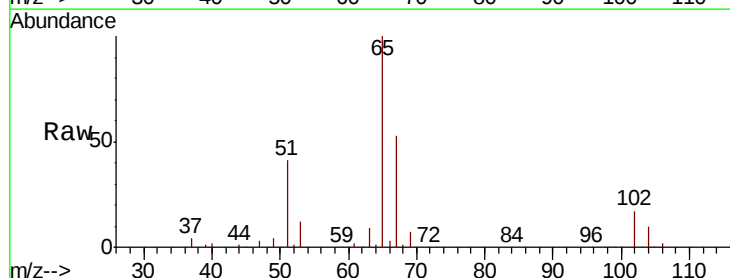


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

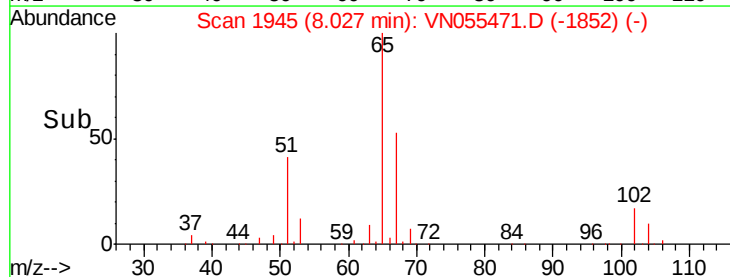
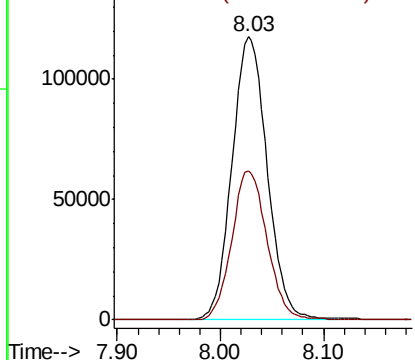


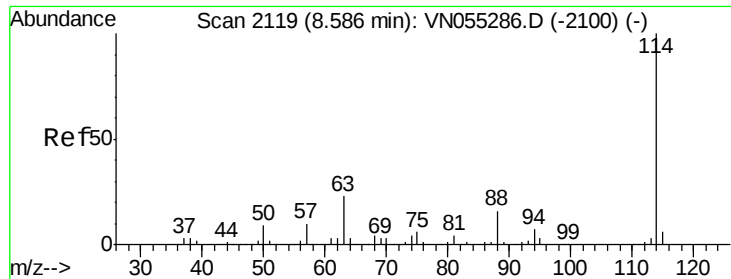
#33
1,2-Dichloroethane-d4
Concen: 50.687 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055471.D
Acq: 8 May 2019 6:11

Tgt Ion: 65 Resp: 279982
Ion Ratio Lower Upper
65 100
67 52.8 0.0 106.8



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

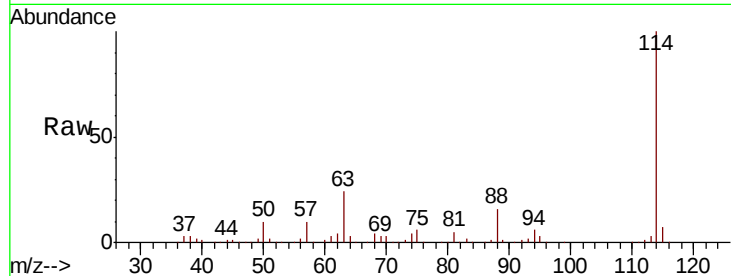




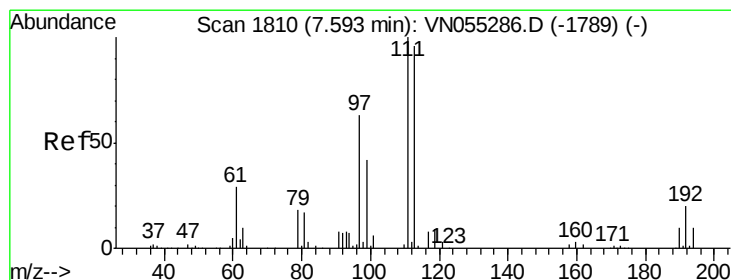
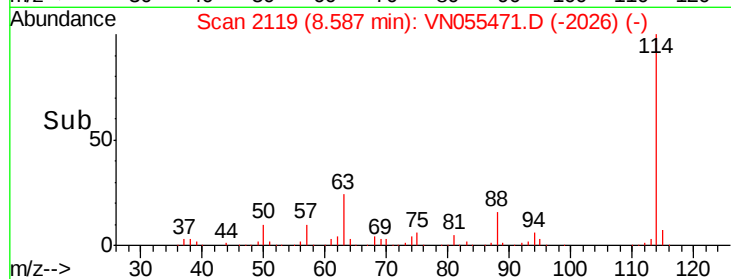
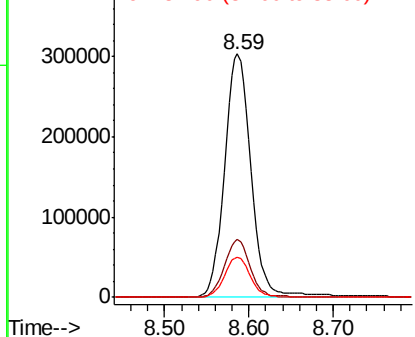
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN055471.D
Acq: 8 May 2019 6:11

Instrument :
MSVOA_N
ClientSampleId :
P026-SS004-0612-01

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.7	0.0	45.2
88	16.3	0.0	31.6

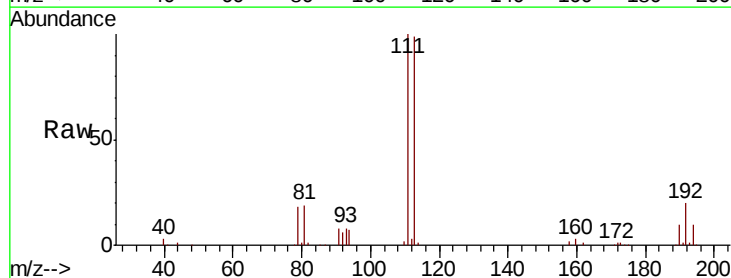


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

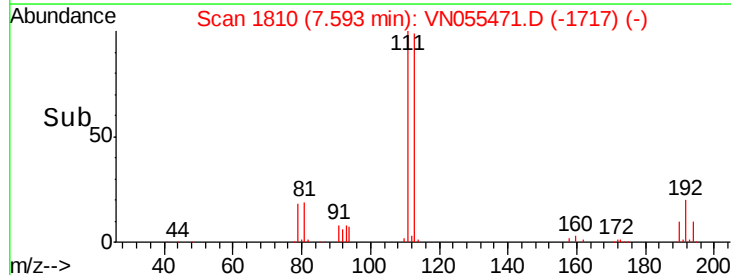
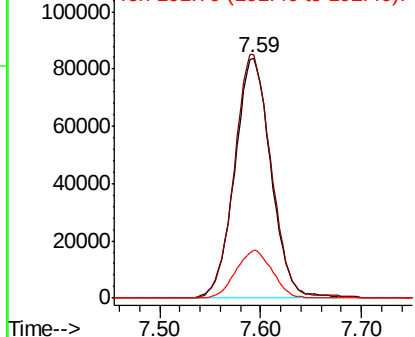


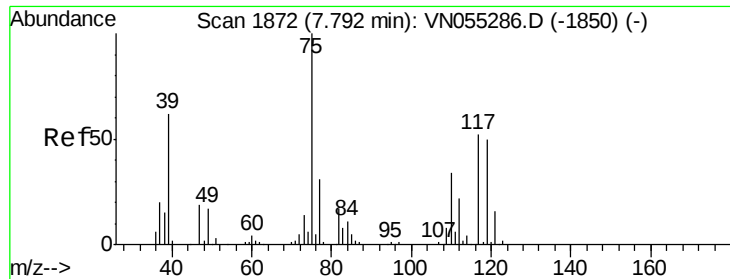
#35
Dibromofluoromethane
Concen: 48.060 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN055471.D
Acq: 8 May 2019 6:11

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.3	123.5
192	20.1	17.0	25.6



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

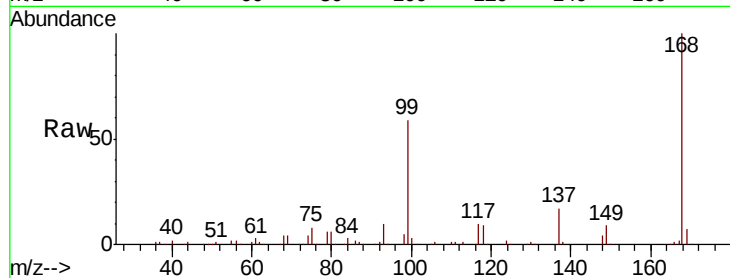




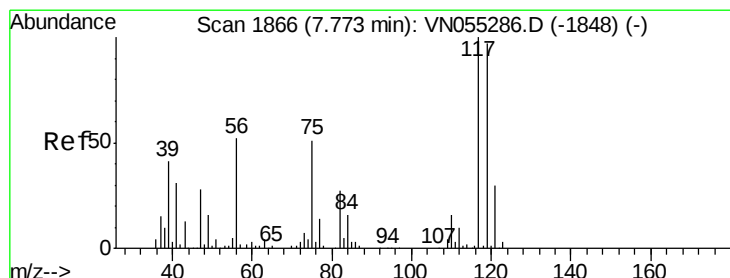
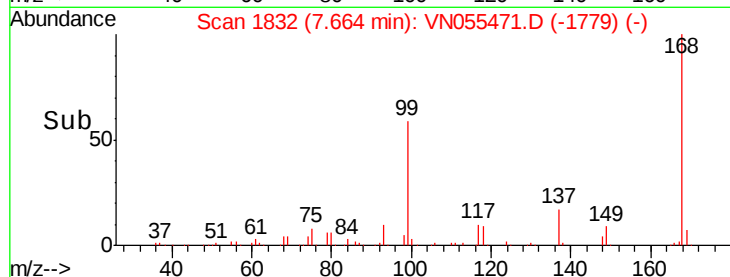
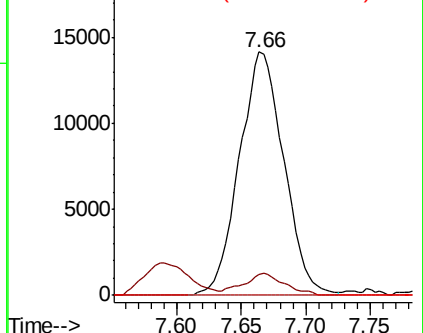
#36
 1,1-Dichloropropene
 Concen: 5.365 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN055471.D
 Acq: 8 May 2019 6:11

Instrument :
 MSVOA_N
 ClientSampleId :
 P026-SS004-0612-01

Tot Ion: 75 Resp: 33985
 Ion Ratio Lower Upper
 75 100
 110 8.5 16.8 50.4#
 77 0.0 25.0 37.6#

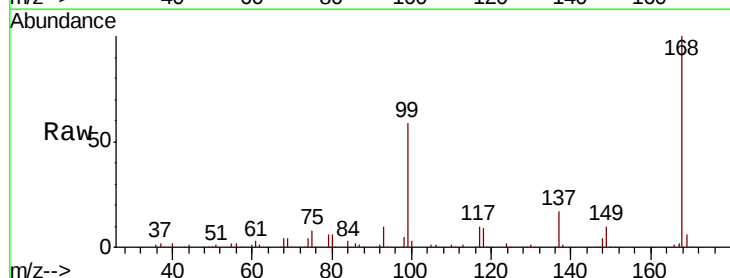


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

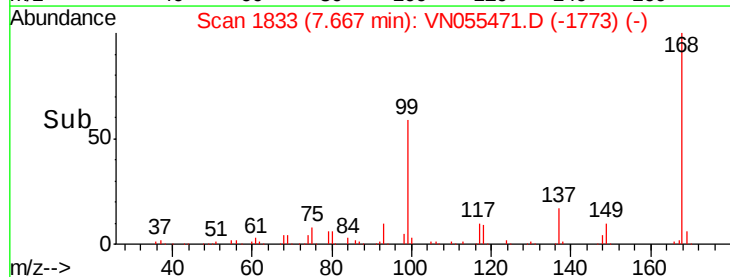
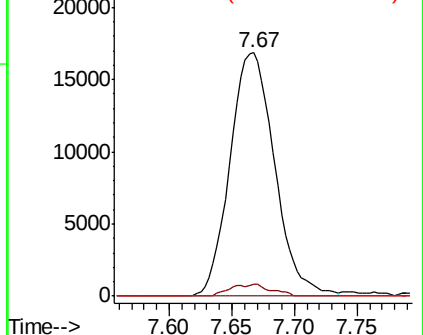


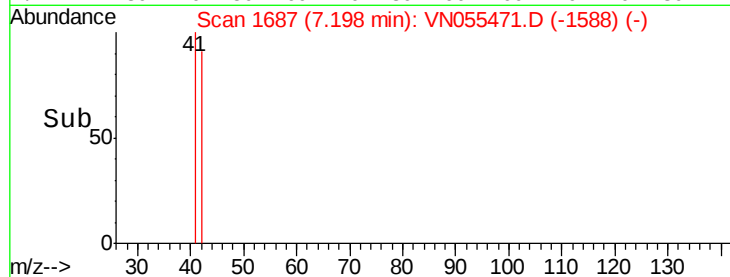
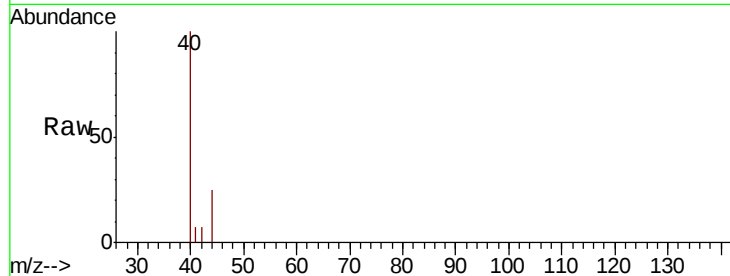
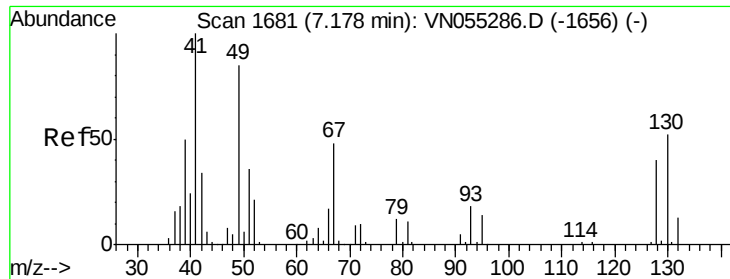
#38
 Carbon Tetrachloride
 Concen: 6.830 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN055471.D
 Acq: 8 May 2019 6:11

Tgt Ion: 117 Resp: 41734
 Ion Ratio Lower Upper
 117 100
 119 4.9 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

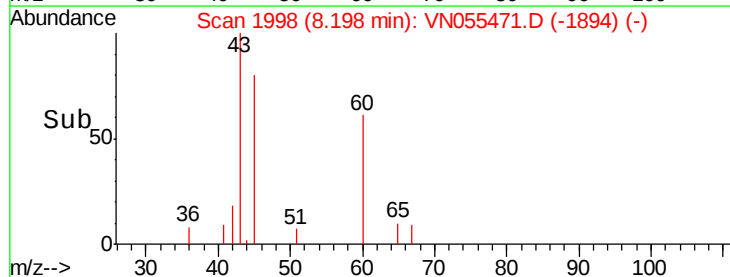
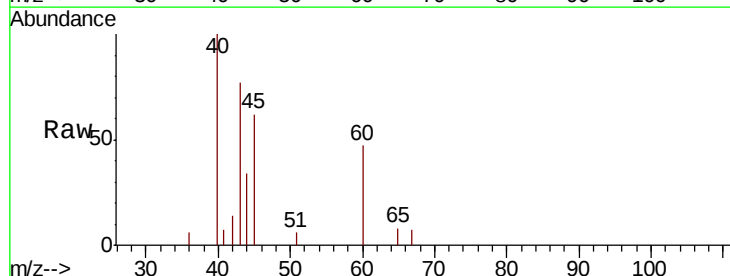
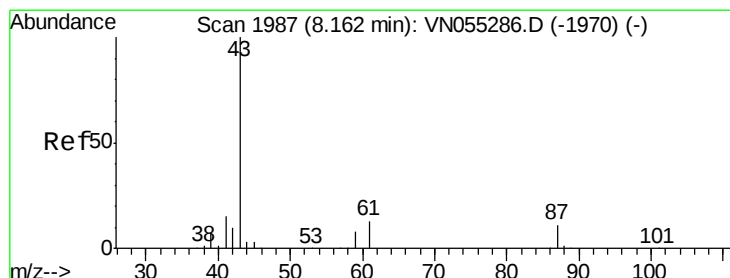
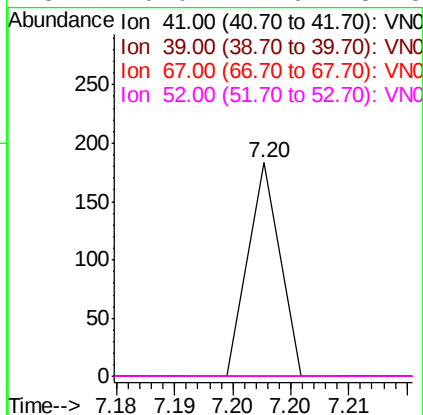




#41
Methacrylonitrile
Concen: 0.753 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.02 min
Lab File: VN055471.D
Acq: 8 May 2019 6:11

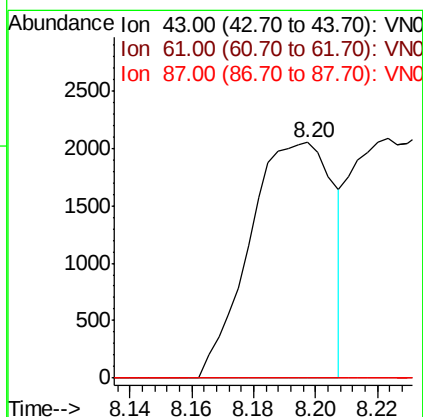
Instrument :
MSVOA_N
ClientSampleId :
P026-SS004-0612-01

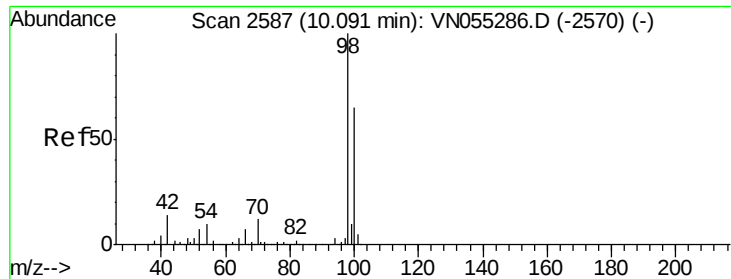
Tot Ion:	41	Resp:	35
Ion	Ratio	Lower	Upper
41	100		
39	0.0	48.5	72.7#
67	0.0	54.9	82.3#
52	0.0	24.9	37.3#



#43
Isopropyl Acetate
Concen: 0.492 ug/l
RT: 8.20 min Scan# 1998
Delta R.T. 0.04 min
Lab File: VN055471.D
Acq: 8 May 2019 6:11

Tgt Ion:	43	Resp:	3842
Ion	Ratio	Lower	Upper
43	100		
61	0.0	20.8	31.2#
87	0.0	8.5	12.7#





#50

Toluene-d8

Concen: 49.729 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055471.D

Acq: 8 May 2019 6:11

Instrument :

MSVOA_N

ClientSampleId :

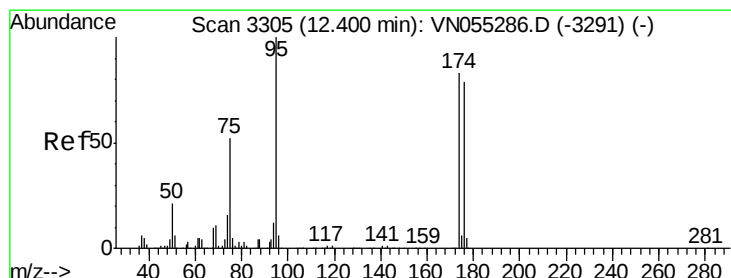
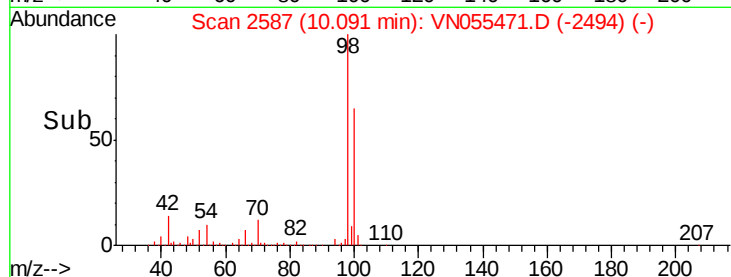
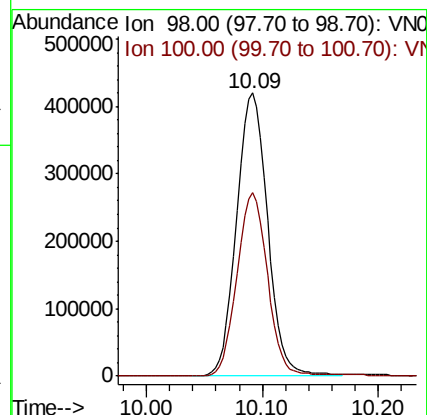
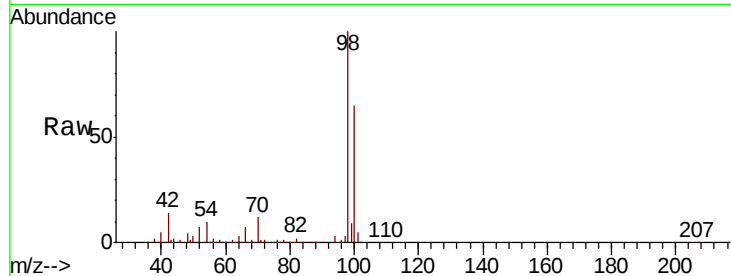
P026-SS004-0612-01

Tot Ion: 98 Resp: 779425

Ion Ratio Lower Upper

98 100

100 63.9 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 47.636 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN055471.D

Acq: 8 May 2019 6:11

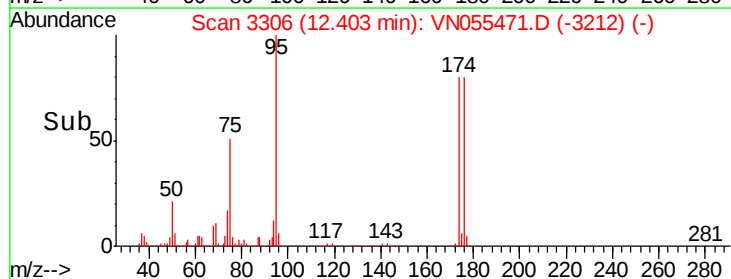
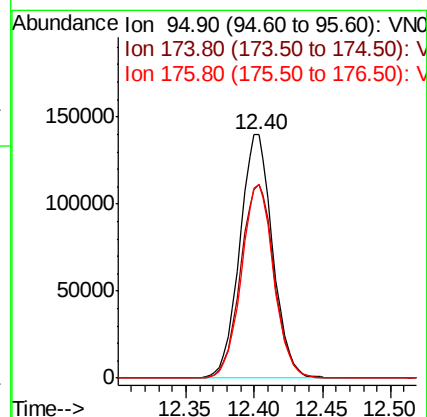
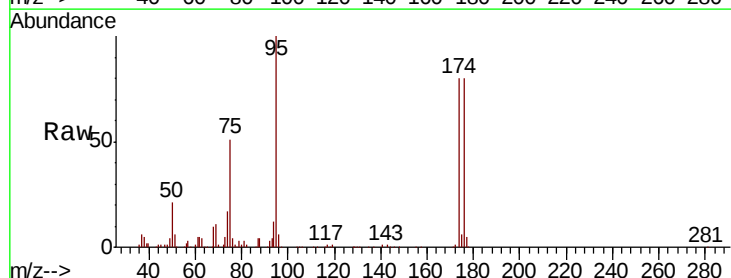
Tgt Ion: 95 Resp: 233346

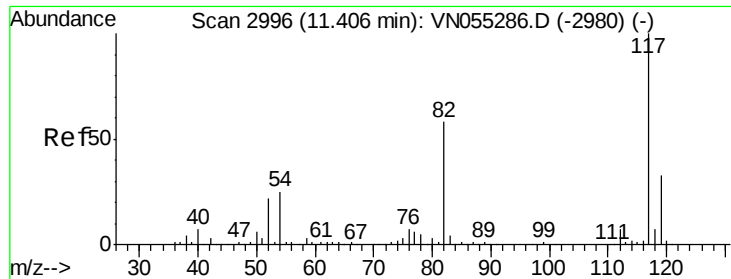
Ion Ratio Lower Upper

95 100

174 81.5 0.0 166.6

176 78.3 0.0 157.8

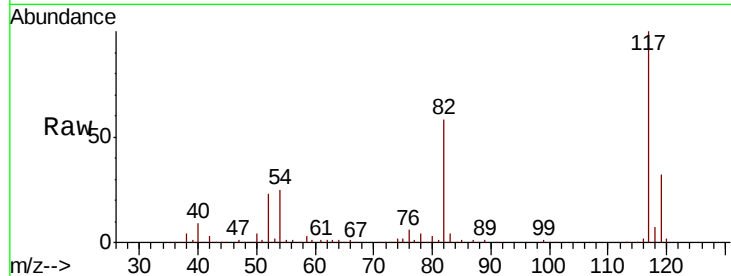




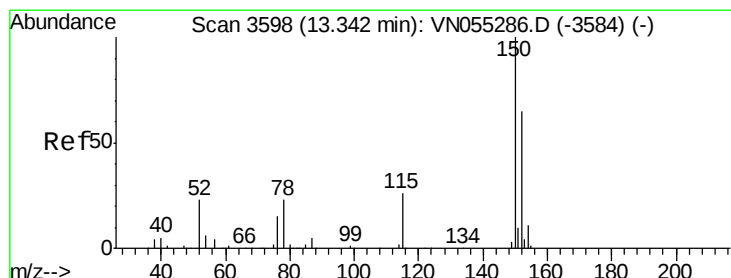
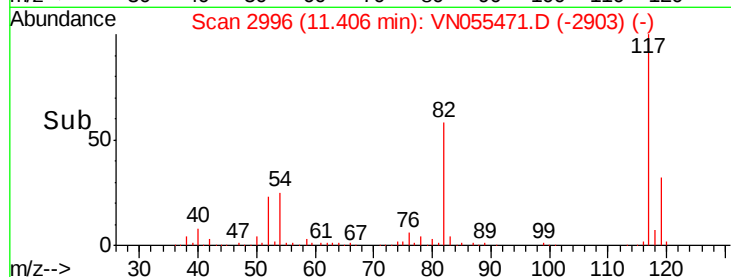
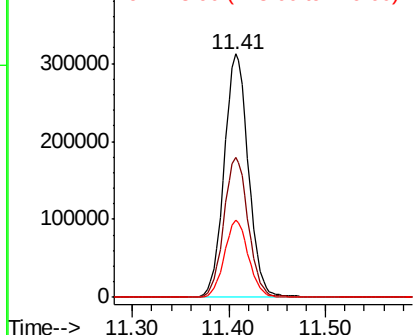
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055471.D
Acq: 8 May 2019 6:11

Instrument :
MSVOA_N
ClientSampleId :
P026-SS004-0612-01

Tot Ion:117 Resp: 542253
Ion Ratio Lower Upper
117 100
82 57.6 46.2 69.4
119 31.8 26.6 40.0

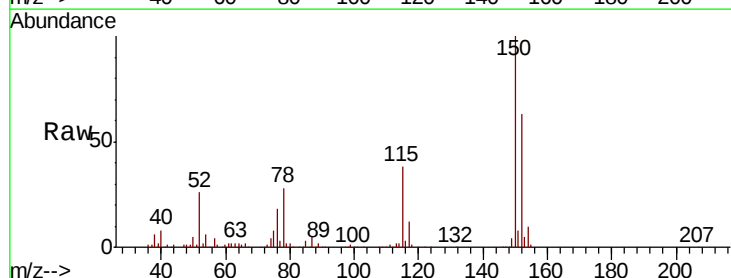


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

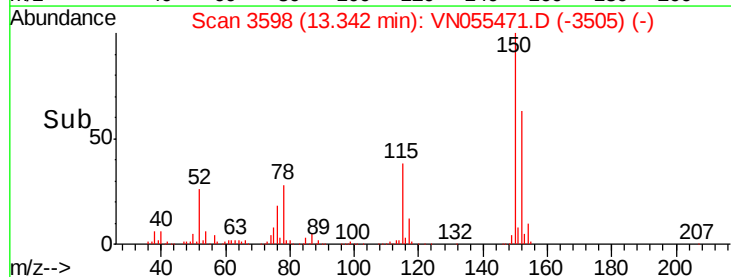
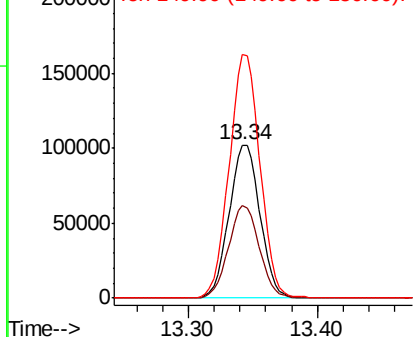


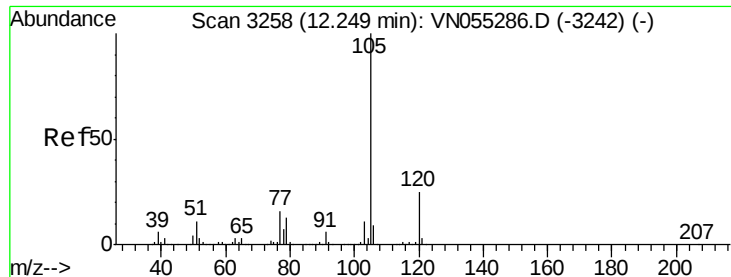
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055471.D
Acq: 8 May 2019 6:11

Tgt Ion:152 Resp: 169767
Ion Ratio Lower Upper
152 100
115 60.1 29.0 87.0
150 158.7 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: 12.40 min Scan# 3304

Delta R.T. 0.15 min

Lab File: VN055471.D

Acq: 8 May 2019 6:11

Instrument :

MSVOA_N

ClientSampleId :

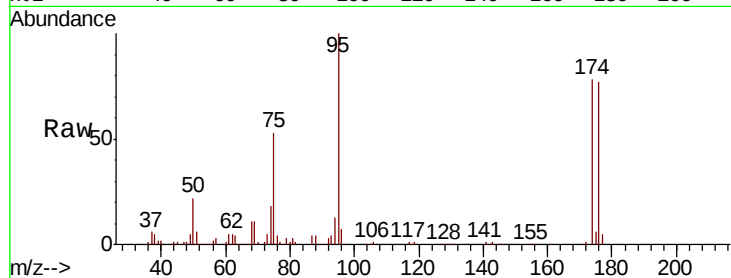
P026-SS004-0612-01

Tot Ion: 105 Resp: 246

Ion Ratio Lower Upper

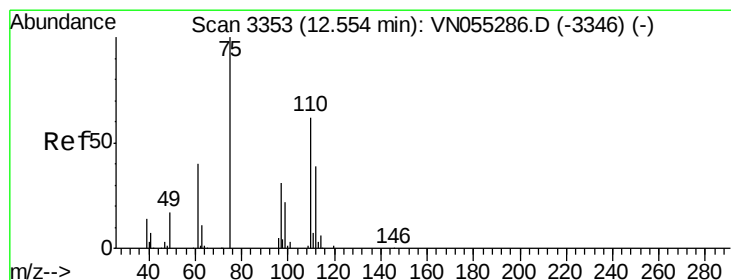
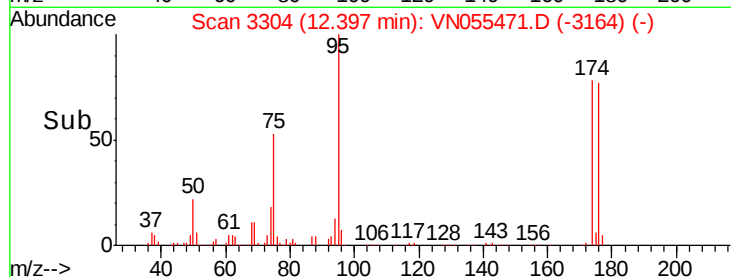
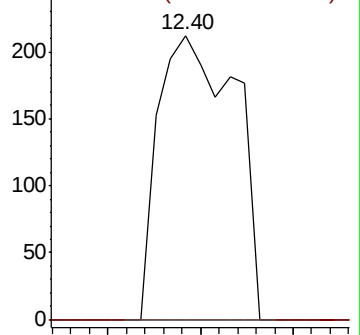
105 100

120 0.0 12.9 38.7#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 38.240 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055471.D

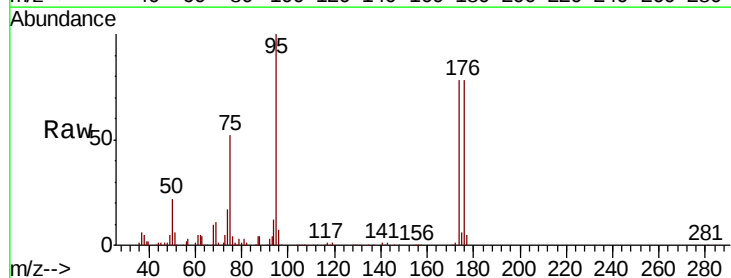
Acq: 8 May 2019 6:11

Tgt Ion: 75 Resp: 122537

Ion Ratio Lower Upper

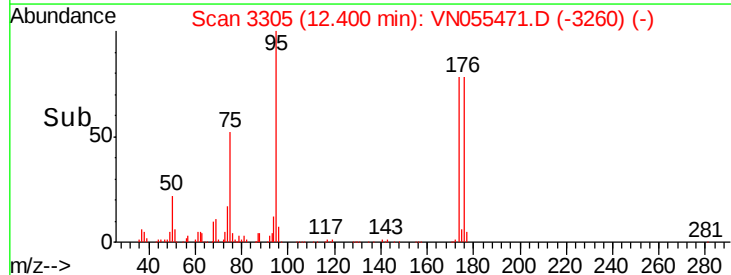
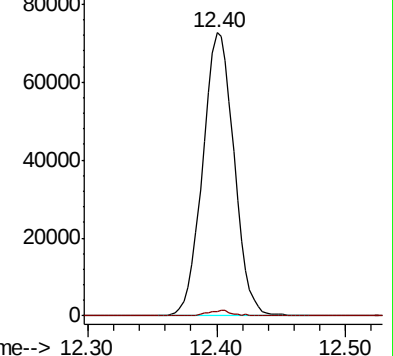
75 100

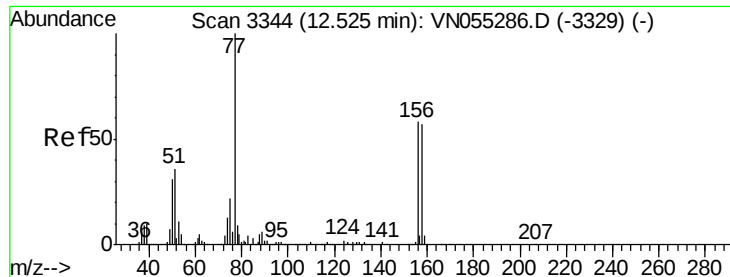
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#77

Bromobenzene

Concen: Below Cal

RT: 12.40 min Scan# 3305

Delta R.T. -0.13 min

Lab File: VN055471.D

Acq: 8 May 2019 6:11

Instrument :

MSVOA_N

ClientSampleId :

P026-SS004-0612-01

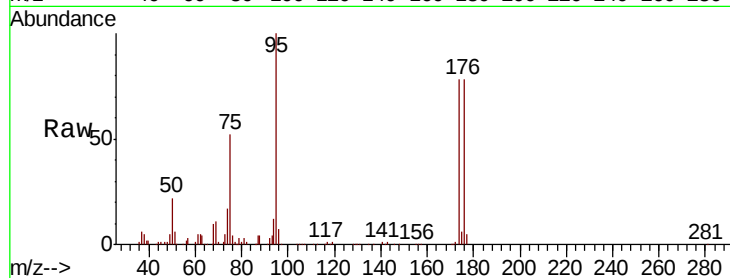
Tot Ion:156 Resp: 75

Ion Ratio Lower Upper

156 100

77 2456.0 99.6 298.8#

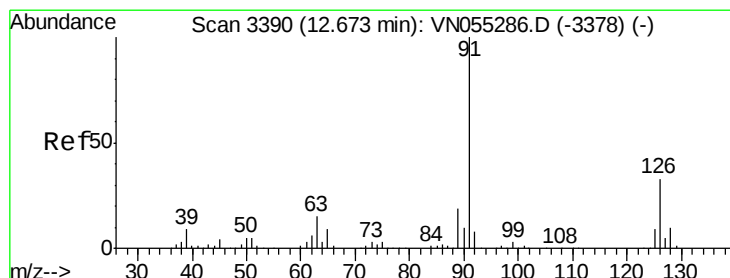
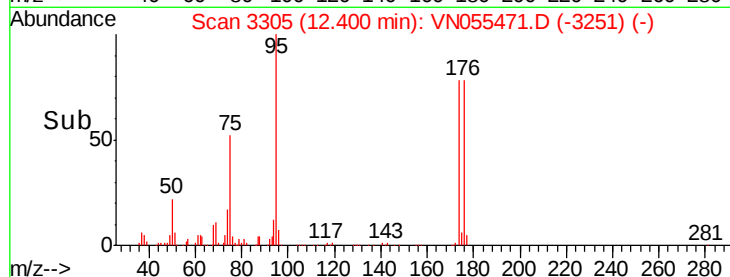
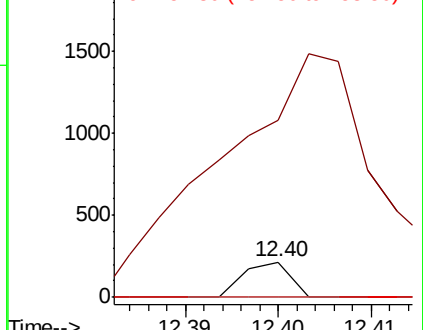
158 0.0 49.3 147.8#



Abundance Ion 155.80 (155.50 to 156.50): V

2000 Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.59 min Scan# 3364

Delta R.T. -0.08 min

Lab File: VN055471.D

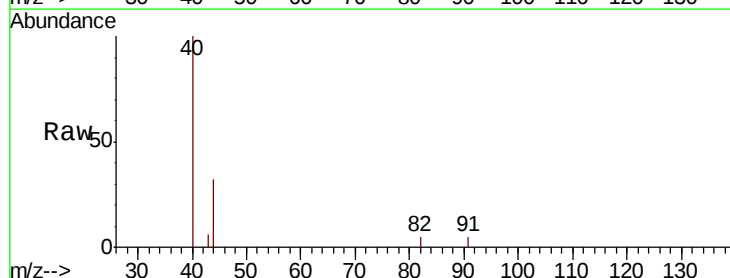
Acq: 8 May 2019 6:11

Tgt Ion: 91 Resp: 30

Ion Ratio Lower Upper

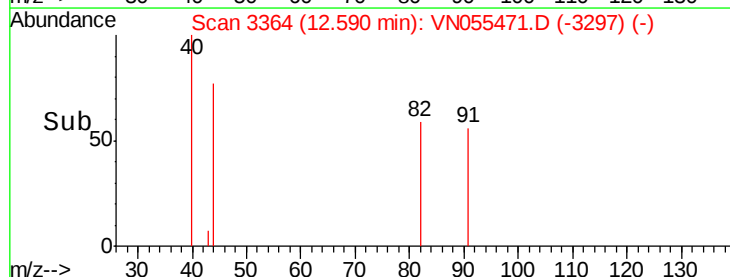
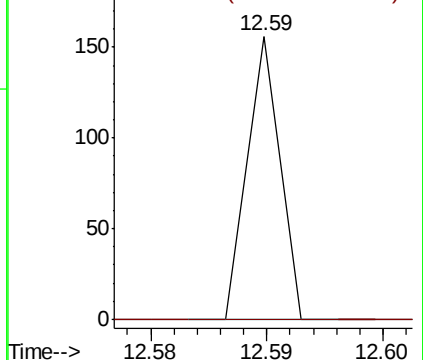
91 100

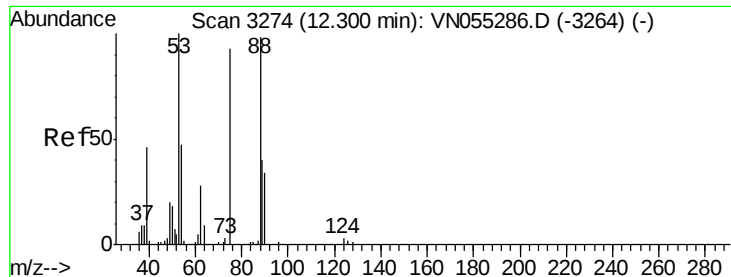
126 0.0 16.6 49.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 136.785 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055471.D

Acq: 8 May 2019 6:11

Instrument :

MSVOA_N

ClientSampleId :

P026-SS004-0612-01

Tot Ion: 75 Resp: 122537

Ion Ratio Lower Upper

75 100

53 0.1 86.3 129.5#

89 0.0 34.6 51.8#

