

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032919\
 Data File : VN054789.D
 Acq On : 29 Mar 2019 23:43
 Operator : JC/SP
 Sample : K2086-05
 Misc : 10.23g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 30 21:48:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	471996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	780600	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	679147	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	286360	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	316378	49.72	ug/l	0.00
Spiked Amount			Recovery	=	99.44%	
35) Dibromofluoromethane	7.59	113	242804	46.66	ug/l	0.00
Spiked Amount			Recovery	=	93.32%	
50) Toluene-d8	10.09	98	940939	48.63	ug/l	0.00
Spiked Amount			Recovery	=	97.26%	
62) 4-Bromofluorobenzene	12.40	95	314376	48.86	ug/l	0.00
Spiked Amount			Recovery	=	97.72%	

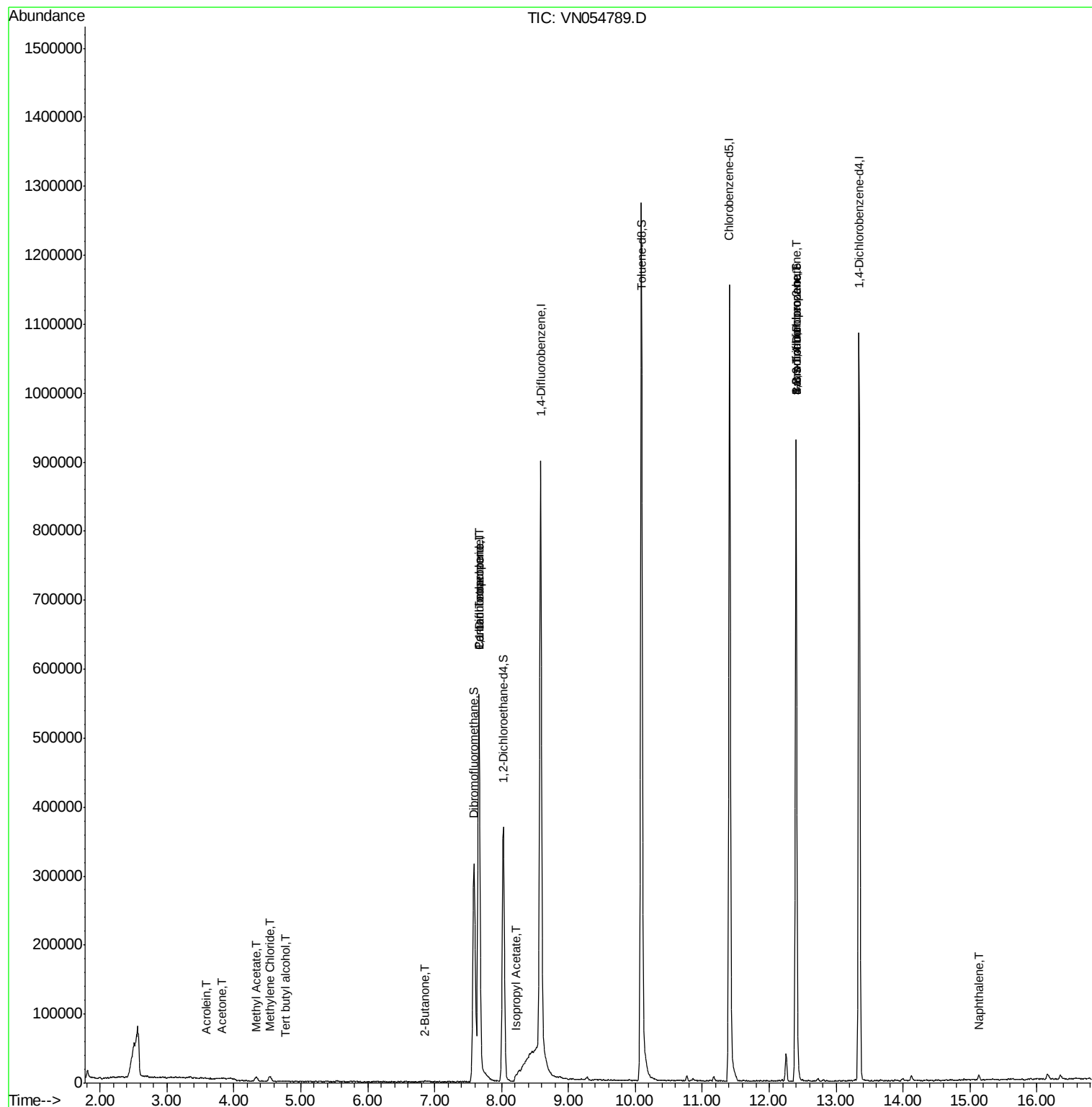
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.57	94	148	Below Cal	#	2
11) Tert butyl alcohol	4.76	59	70	0.211	ug/l #	70
13) Acrolein	3.60	56	176	0.594	ug/l #	22
16) Acetone	3.82	43	389	0.256	ug/l #	41
18) Methyl Acetate	4.32	43	12732	2.346	ug/l #	82
20) Methylene Chloride	4.54	84	4734	0.885	ug/l #	78
25) 2-Butanone	6.86	43	3205	1.429	ug/l	98
31) Cyclohexane	7.66	56	10283	Below Cal	#	16
36) 1,1-Dichloropropene	7.66	75	36448	5.011	ug/l #	47
38) Carbon Tetrachloride	7.66	117	45273	6.408	ug/l #	15
43) Isopropyl Acetate	8.20	43	3044	0.351	ug/l #	60
71) Bromoform	12.40	173	2048	0.702	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.40	83	140	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	160699	32.303	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	160699	125.650	ug/l #	11
95) Naphthalene	15.13	128	5921	0.574	ug/l	97

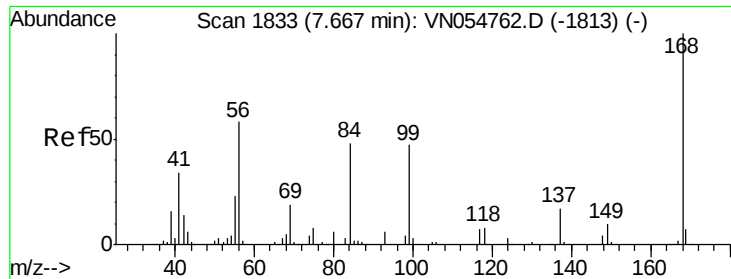
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032919\
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Misc : 10.23uL/5mL/100uL/5.00mL/MSVOA_N/MEOH
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Instrument :
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ClientSampled :

Quant Time: Mar 30 21:48:44 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
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QLast Update : Sat Mar 30 00:48:18 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054789.D

Acq: 29 Mar 2019 23:43

Instrument :

MSVOA_N

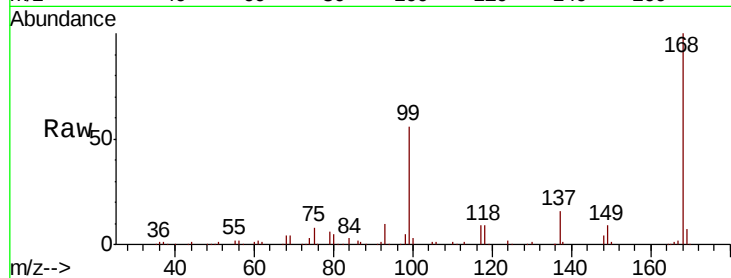
ClientSampled :

Tot Ion:168 Resp: 471996

Ion Ratio Lower Upper

168 100

99 55.6 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054762.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN054762.D (-1813) (-)

7.66

200000

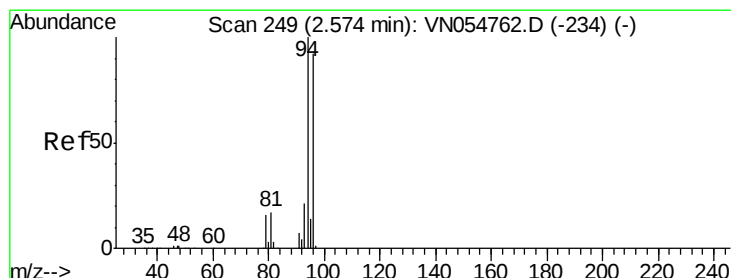
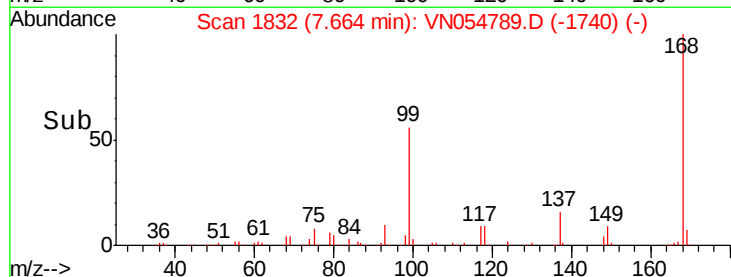
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 248

Delta R.T. -0.00 min

Lab File: VN054789.D

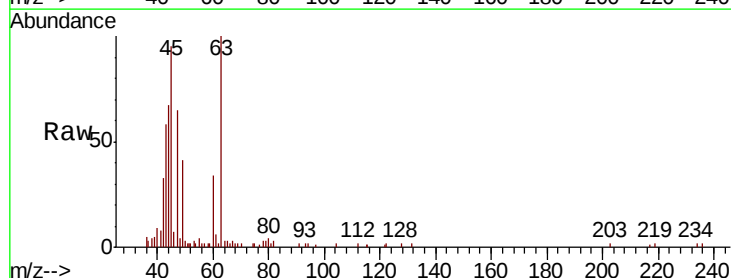
Acq: 29 Mar 2019 23:43

Tgt Ion: 94 Resp: 148

Ion Ratio Lower Upper

94 100

96 0.0 77.0 115.4#



Abundance Ion 93.90 (93.60 to 94.60): VN054762.D (-234) (-)

Ion 95.90 (95.60 to 96.60): VN054762.D (-234) (-)

2.57

400

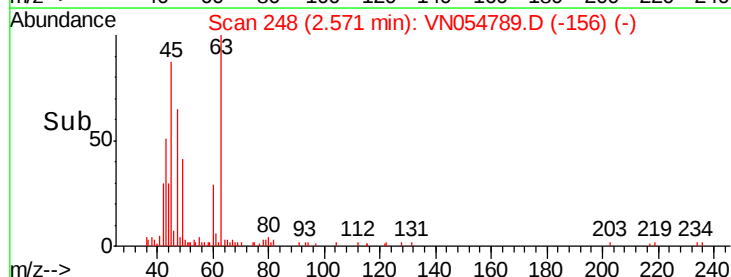
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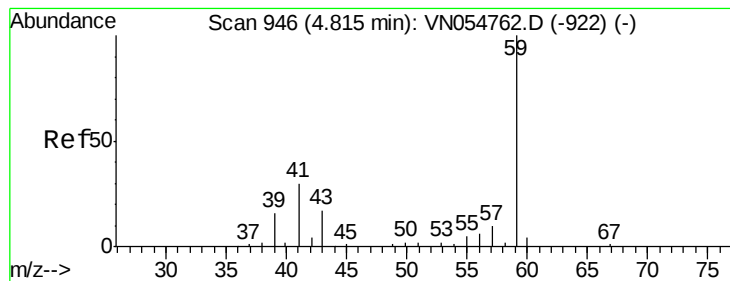
200

100

0

Time-->



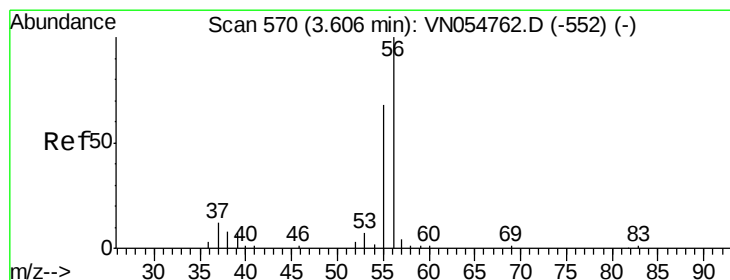
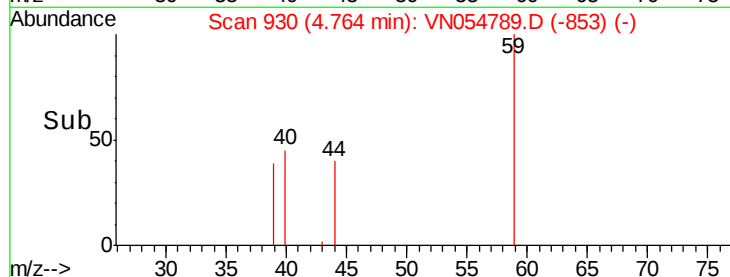
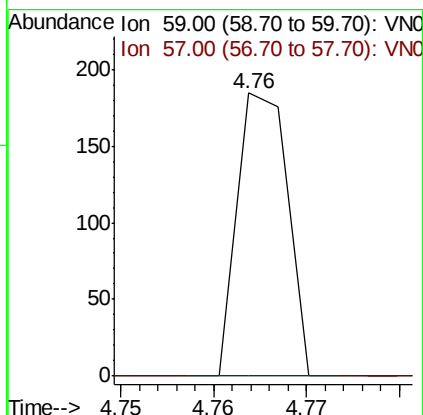
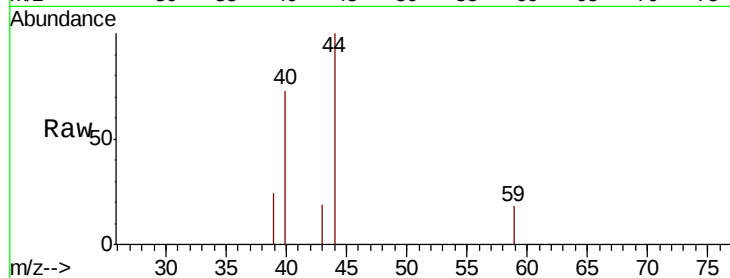


#11

Tert butyl alcohol
 Concen: 0.211 ug/l
 RT: 4.76 min Scan# 930
 Delta R.T. -0.05 min
 Lab File: VN054789.D
 Acq: 29 Mar 2019 23:43

Instrument :
 MSVOA_N
 ClientSampled :

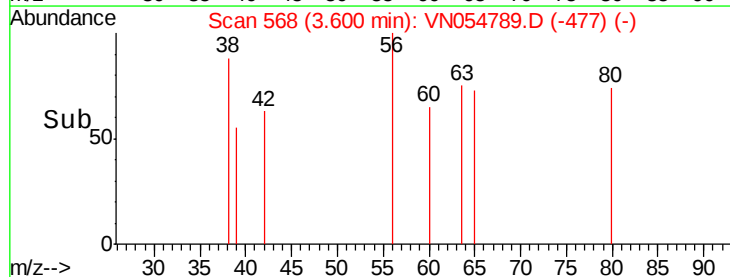
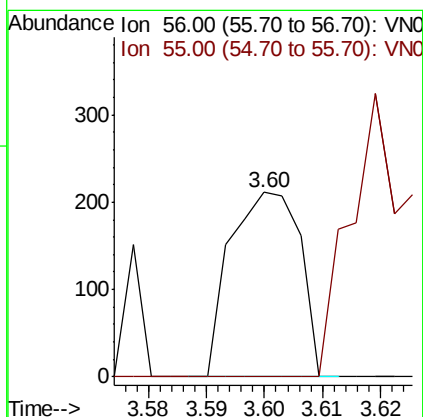
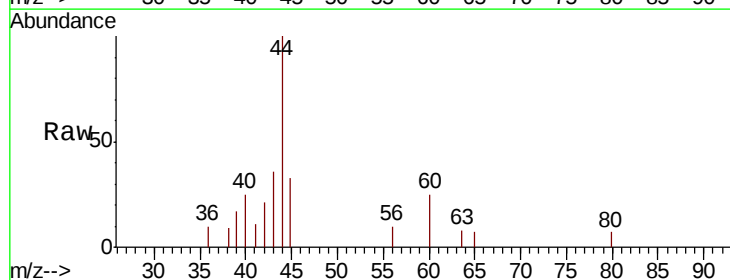
Tot Ion: 59 Resp: 70
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.0 13.6#

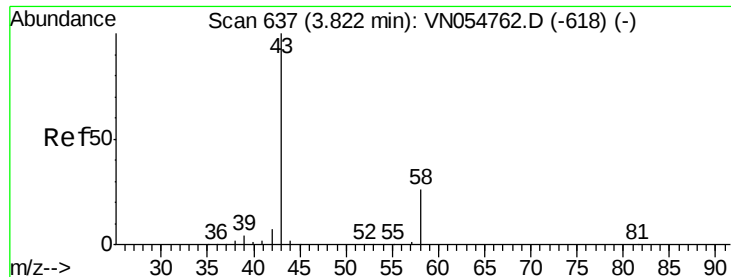


#13

Acrolein
 Concen: 0.594 ug/l
 RT: 3.60 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: VN054789.D
 Acq: 29 Mar 2019 23:43

Tgt Ion: 56 Resp: 176
 Ion Ratio Lower Upper
 56 100
 55 135.2 56.7 85.1#

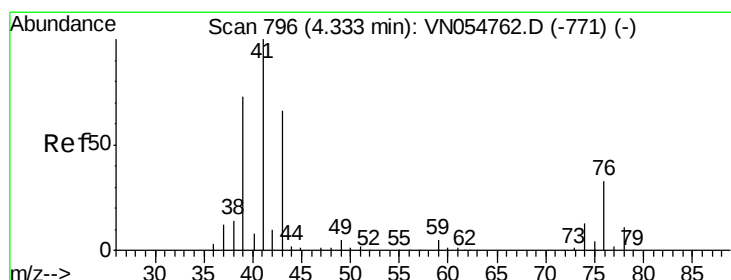
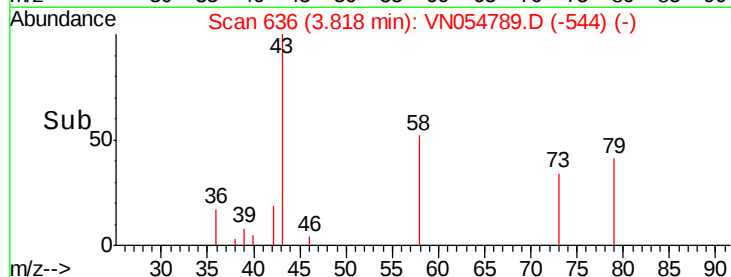
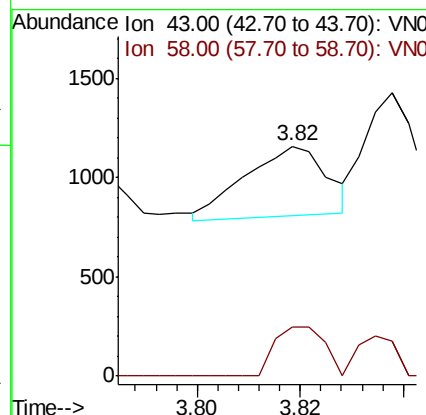
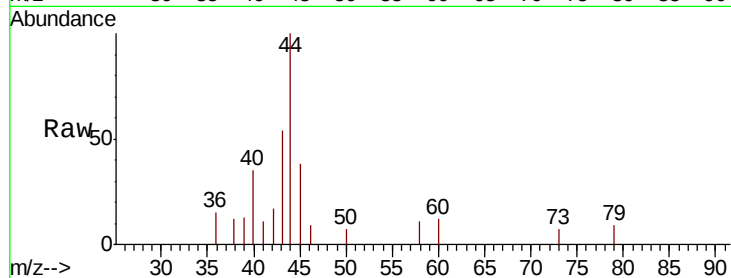




#16
Acetone
Concen: 0.256 ug/l
RT: 3.82 min Scan# 636
Delta R.T. -0.00 min
Lab File: VN054789.D
Acq: 29 Mar 2019 23:43

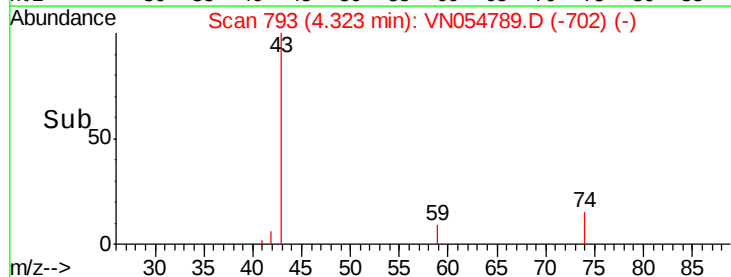
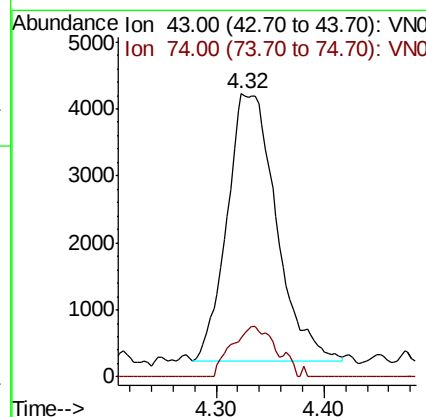
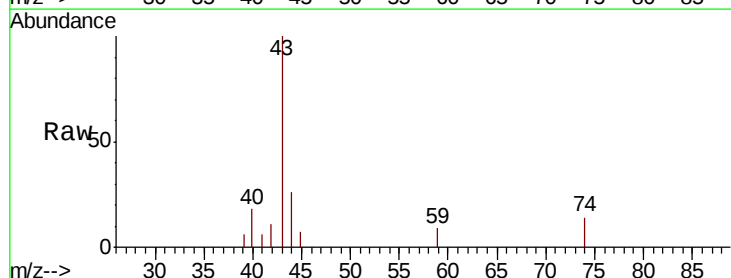
Instrument :
MSVOA_N
ClientSampled :

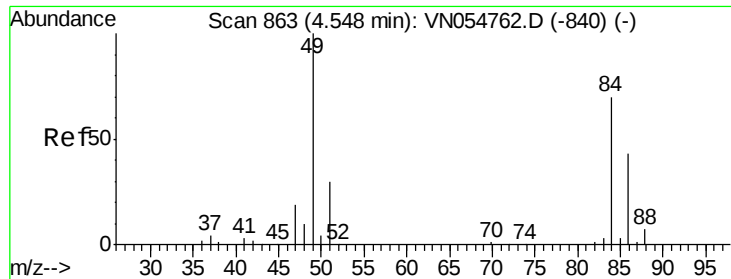
Tot Ion: 43 Resp: 389
Ion Ratio Lower Upper
43 100
58 72.9 29.9 44.9#



#18
Methyl Acetate
Concen: 2.346 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.01 min
Lab File: VN054789.D
Acq: 29 Mar 2019 23:43

Tgt Ion: 43 Resp: 12732
Ion Ratio Lower Upper
43 100
74 17.0 20.8 31.2#

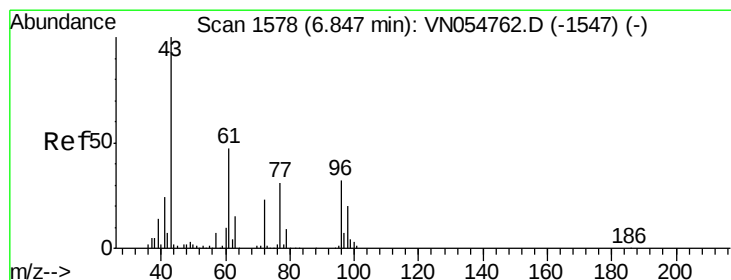
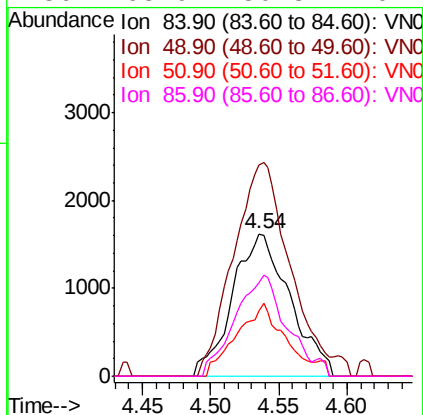
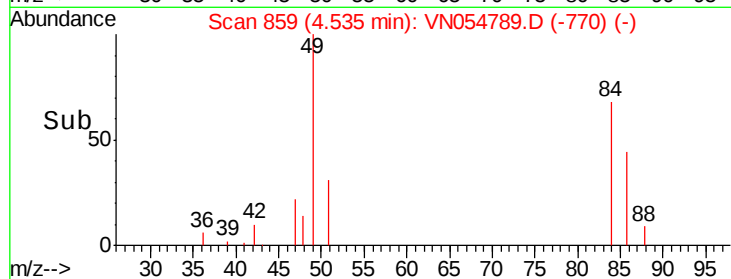
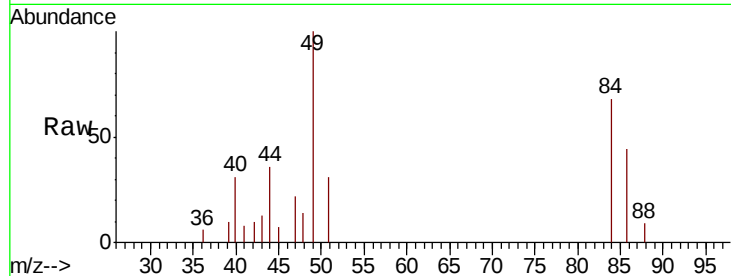




#20
Methylene Chloride
Concen: 0.885 ug/l
RT: 4.54 min Scan# 859
Delta R.T. -0.01 min
Lab File: VN054789.D
Acq: 29 Mar 2019 23:43

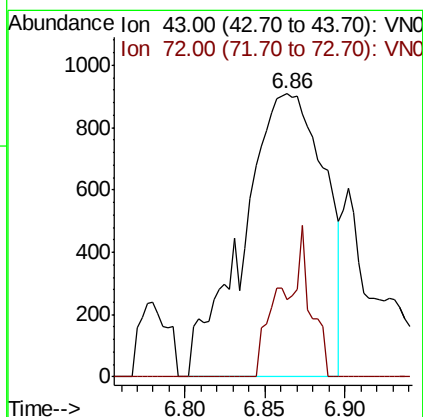
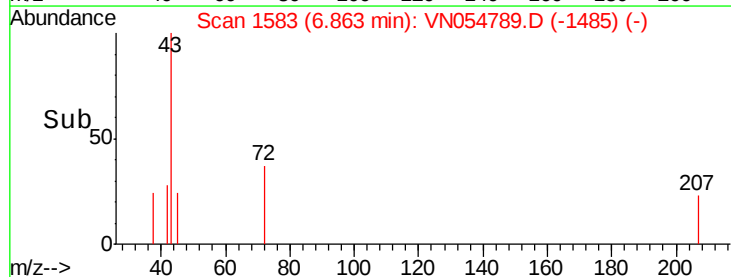
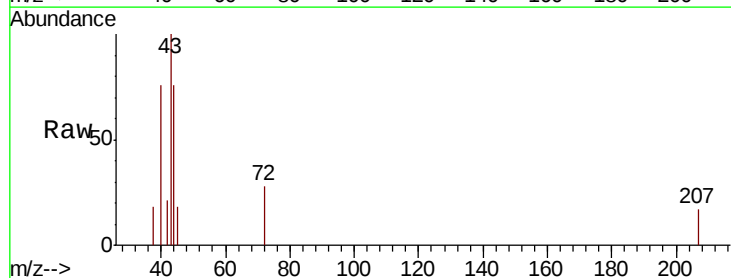
Instrument :
MSVOA_N
ClientSampled :

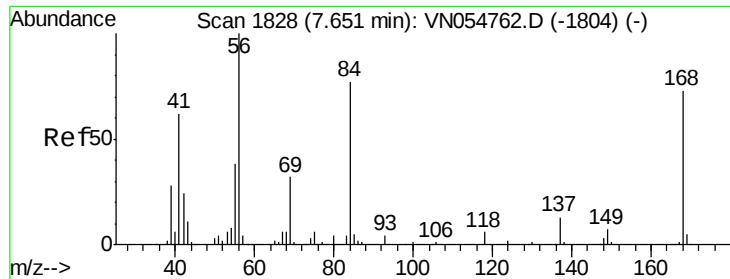
Tot Ion: 84 Resp: 4734
Ion Ratio Lower Upper
84 100
49 148.1 89.7 134.5#
51 46.2 28.2 42.4#
86 65.9 50.8 76.2



#25
2-Butanone
Concen: 1.429 ug/l
RT: 6.86 min Scan# 1583
Delta R.T. 0.02 min
Lab File: VN054789.D
Acq: 29 Mar 2019 23:43

Tgt Ion: 43 Resp: 3205
Ion Ratio Lower Upper
43 100
72 27.5 23.0 34.6

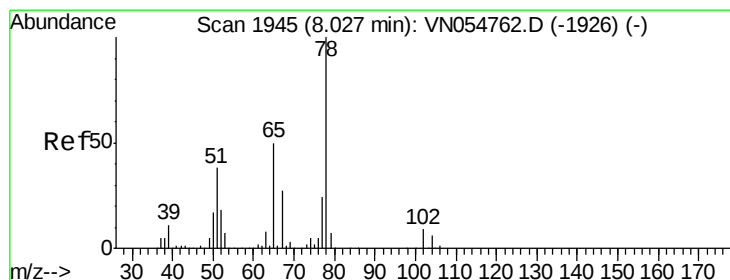
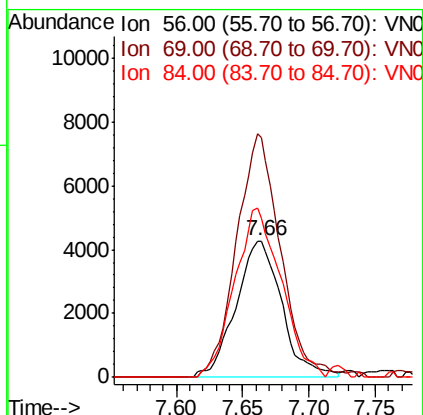
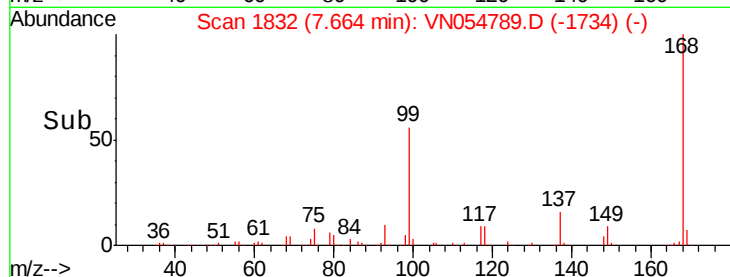
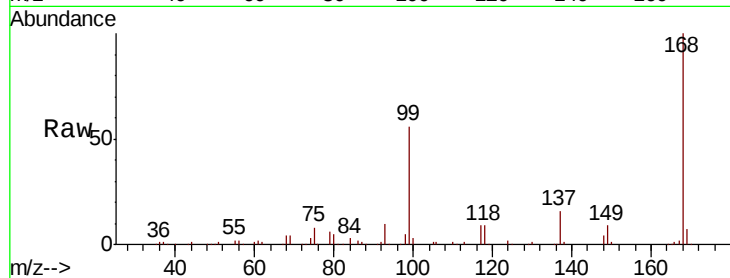




#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN054789.D
Acq: 29 Mar 2019 23:43

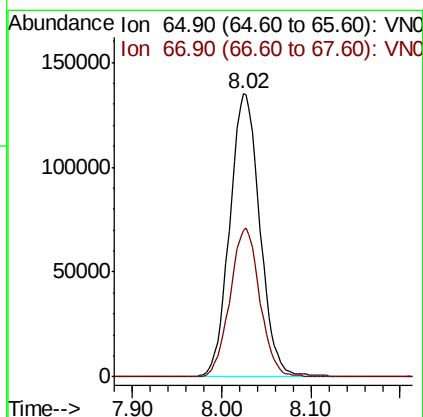
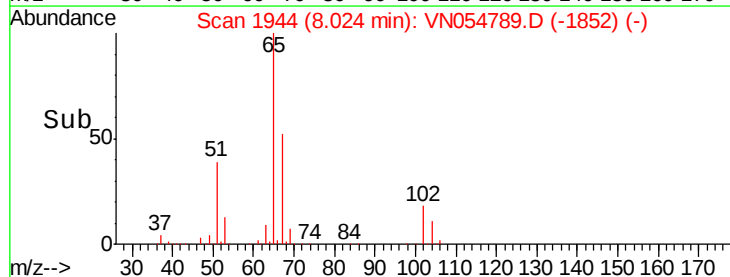
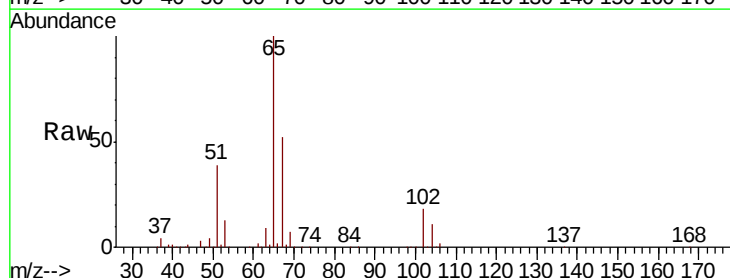
Instrument :
MSVOA_N
ClientSampled :

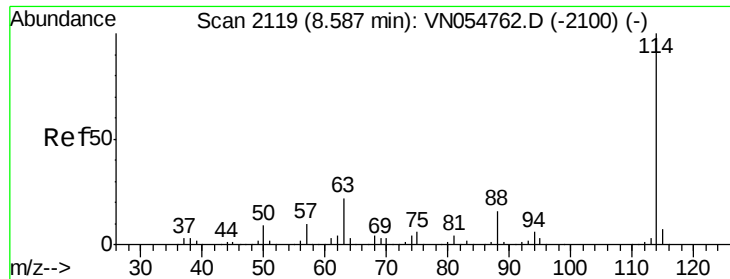
Tot Ion: 56 Resp: 10283
Ion Ratio Lower Upper
56 100
69 175.7 27.8 41.6#
84 116.3 74.6 111.8#



#33
1,2-Dichloroethane-d4
Concen: 49.724 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VN054789.D
Acq: 29 Mar 2019 23:43

Tgt Ion: 65 Resp: 316378
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.6

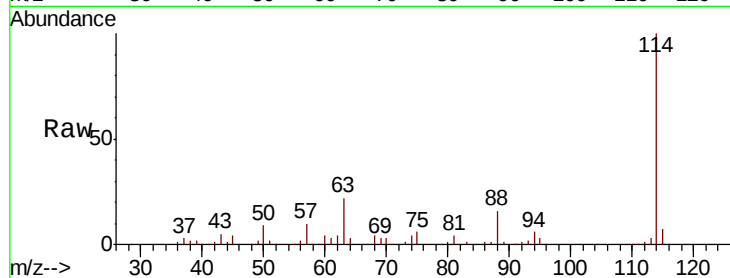




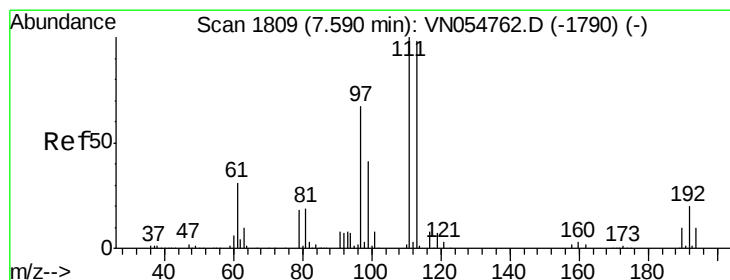
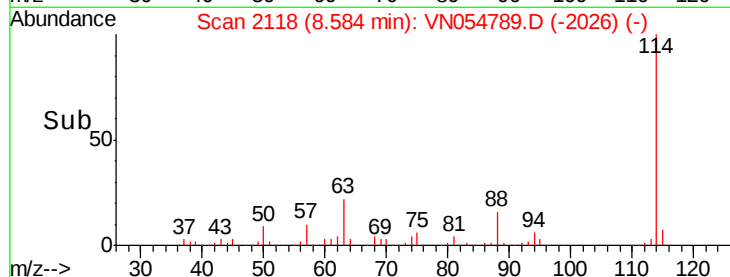
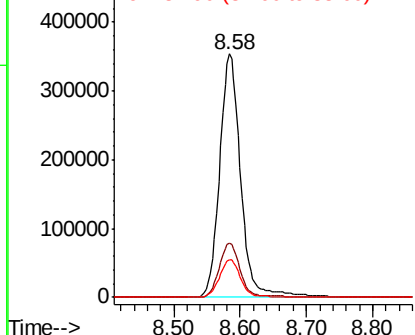
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN054789.D
 Acq: 29 Mar 2019 23:43

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114 Resp: 780600
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 35.2
 88 15.6 0.0 30.2

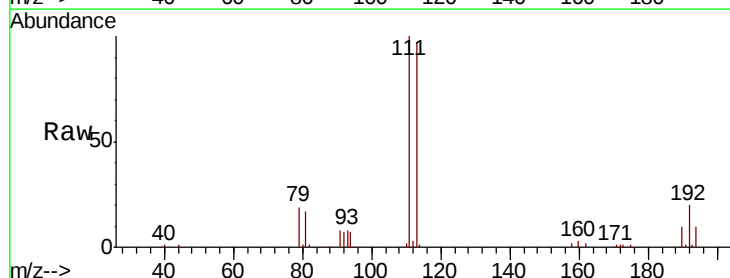


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

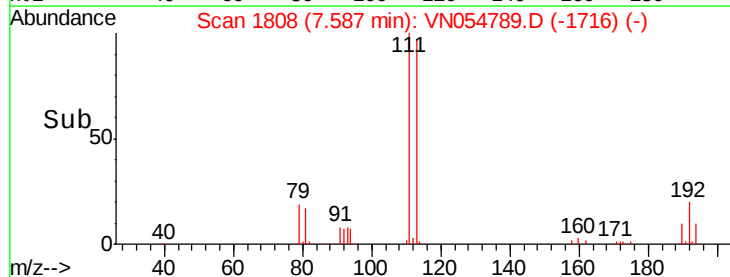
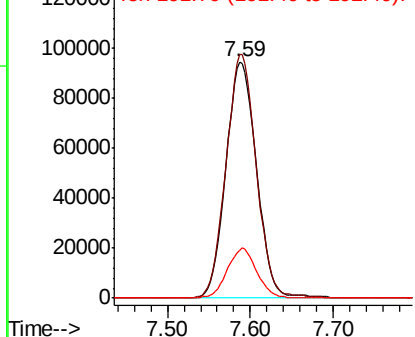


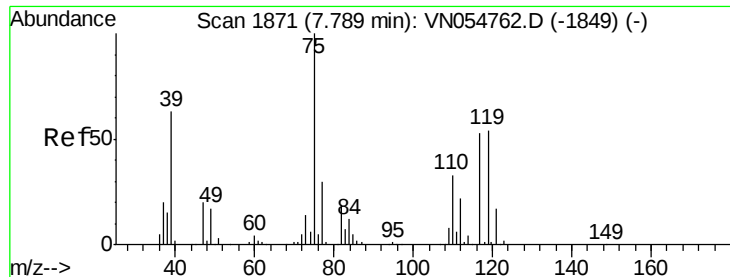
#35
 Dibromofluoromethane
 Concen: 46.656 ug/l
 RT: 7.59 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: VN054789.D
 Acq: 29 Mar 2019 23:43

Tgt Ion:113 Resp: 242804
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.2 123.4
 192 20.3 19.2 28.8



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

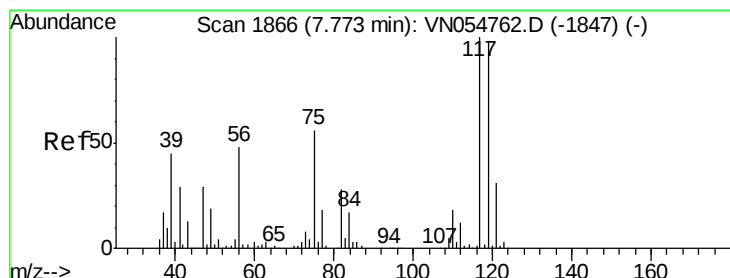
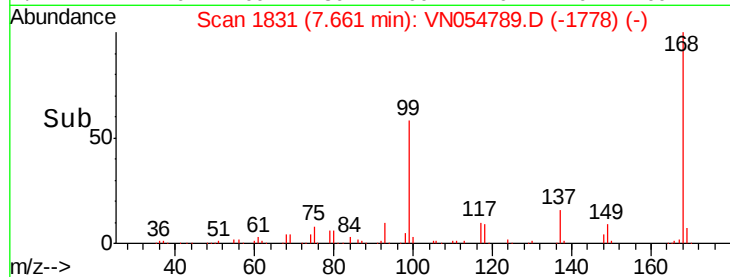
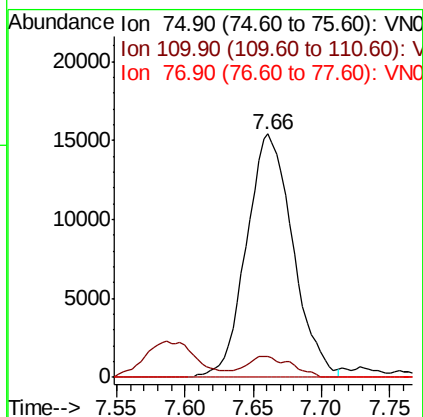
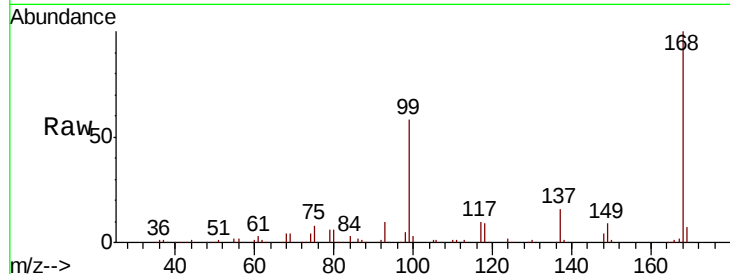




#36
 1,1-Dichloropropene
 Concen: 5.011 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN054789.D
 Acq: 29 Mar 2019 23:43

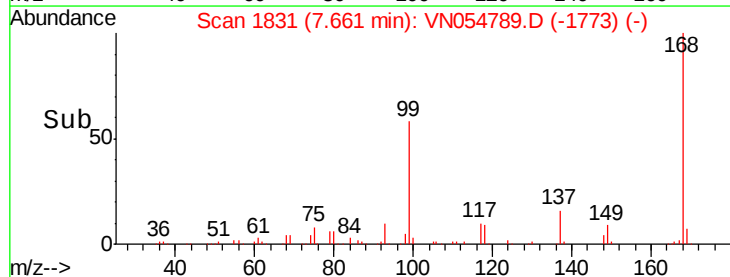
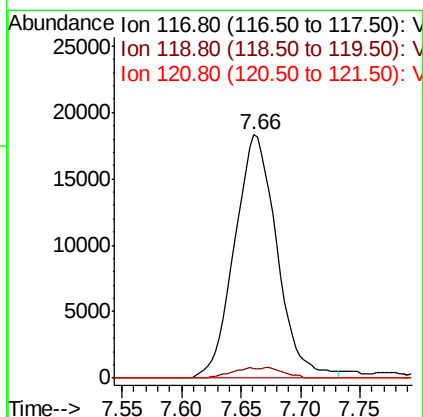
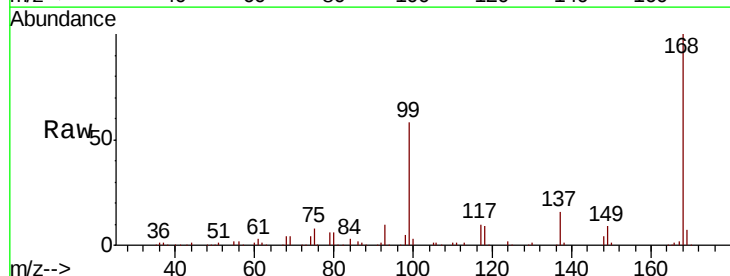
Instrument :
 MSVOA_N
 ClientSampleId :

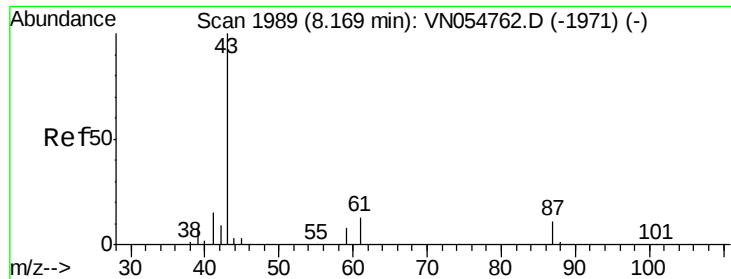
Tot Ion	75	Resp	36448
Ion Ratio	Lower	Upper	
75	100		
110	8.4	19.1	57.5#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 6.408 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.11 min
 Lab File: VN054789.D
 Acq: 29 Mar 2019 23:43

Tgt Ion	117	Resp	45273
Ion Ratio	Lower	Upper	
117	100		
119	4.1	76.3	114.5#
121	0.0	24.6	36.8#





#43

Isopropyl Acetate

Concen: 0.351 ug/l

RT: 8.20 min Scan# 2000

Delta R.T. 0.04 min

Lab File: VN054789.D

Acq: 29 Mar 2019 23:43

Instrument :

MSVOA_N

ClientSampleId :

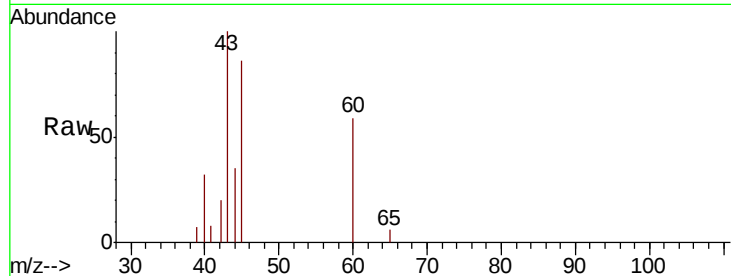
Tot Ion: 43 Resp: 3044

Ion Ratio Lower Upper

43 100

61 0.0 15.8 23.8#

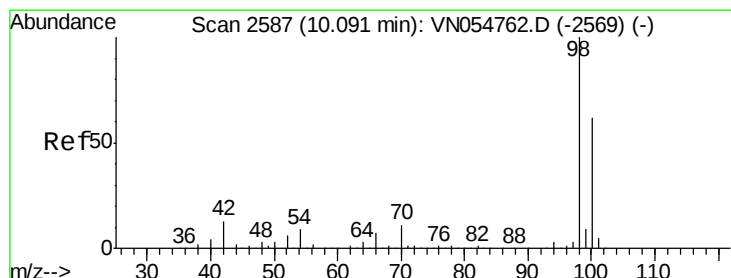
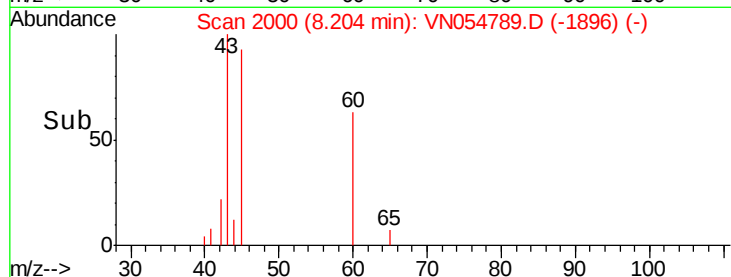
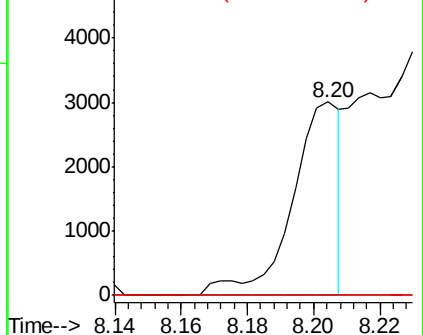
87 0.0 12.0 18.0#



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: 48.632 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN054789.D

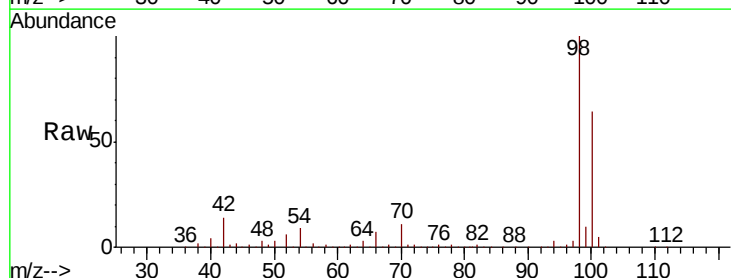
Acq: 29 Mar 2019 23:43

Tgt Ion: 98 Resp: 940939

Ion Ratio Lower Upper

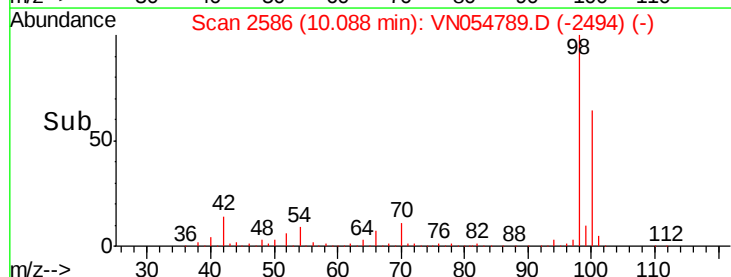
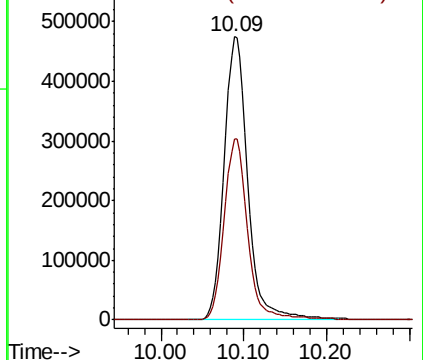
98 100

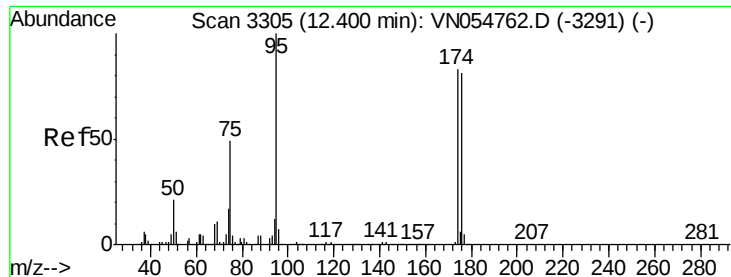
100 63.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 48.856 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054789.D

Acq: 29 Mar 2019 23:43

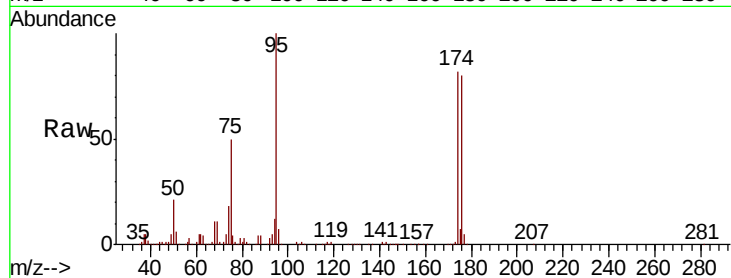
Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 95 Resp: 314376

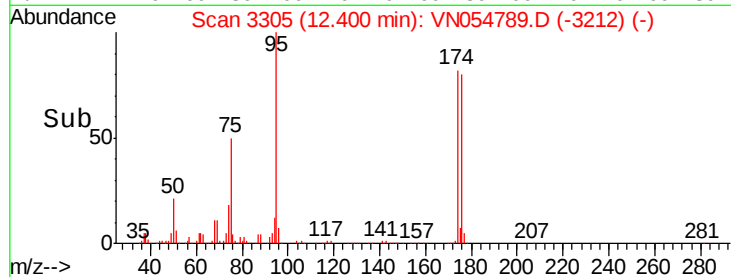
Ion	Ratio	Lower	Upper
95	100		
174	83.3	0.0	191.0
176	81.1	0.0	187.4



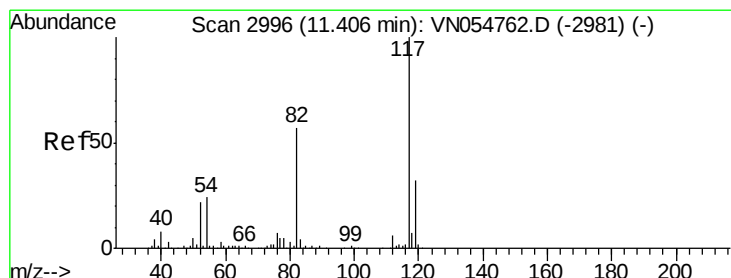
Abundance Ion 94.90 (94.60 to 95.60): VN054789.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN054789.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN054789.D (-2903) (-)



Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

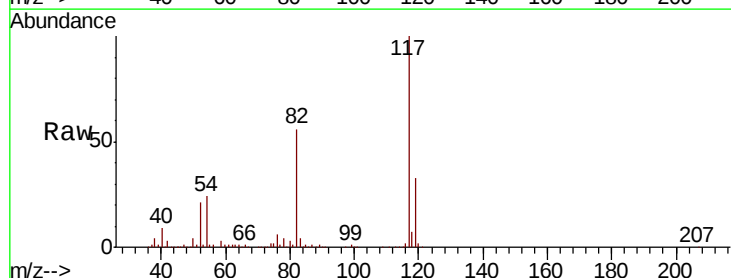
Delta R.T. 0.00 min

Lab File: VN054789.D

Acq: 29 Mar 2019 23:43

Tgt Ion: 117 Resp: 679147

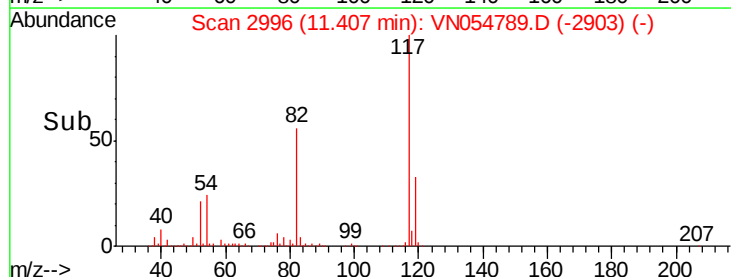
Ion	Ratio	Lower	Upper
117	100		
82	55.8	40.0	60.0
119	32.6	25.8	38.6



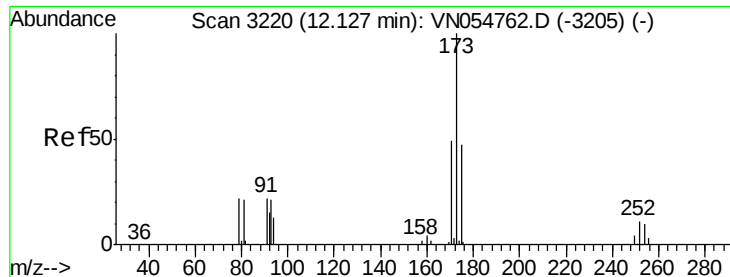
Abundance Ion 116.90 (116.60 to 117.60): VN054789.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN054789.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN054789.D (-2903) (-)



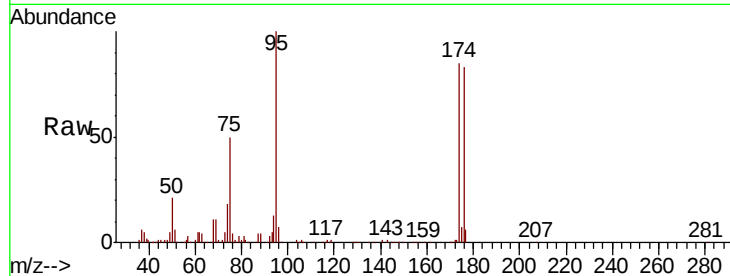
Time--> 11.30 11.40 11.50



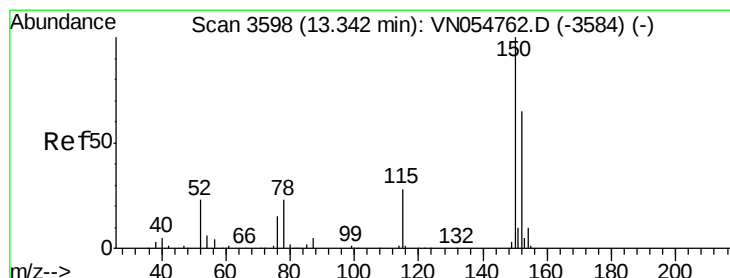
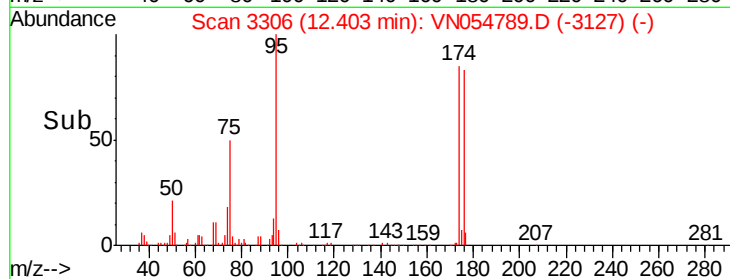
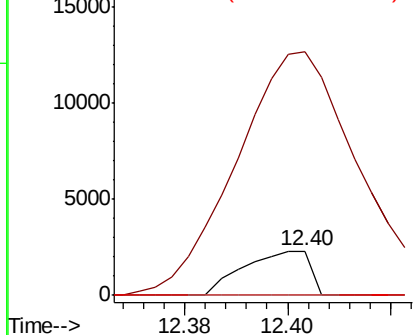
#71
Bromoform
Concen: 0.702 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN054789.D
Acq: 29 Mar 2019 23:43

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 2048
Ion Ratio Lower Upper
173 100
175 878.1 24.4 73.2#
254 0.0 0.1 0.1#

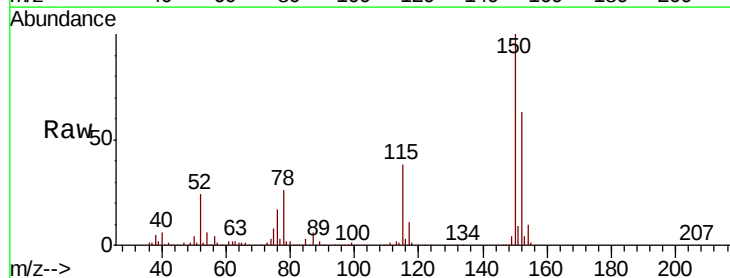


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

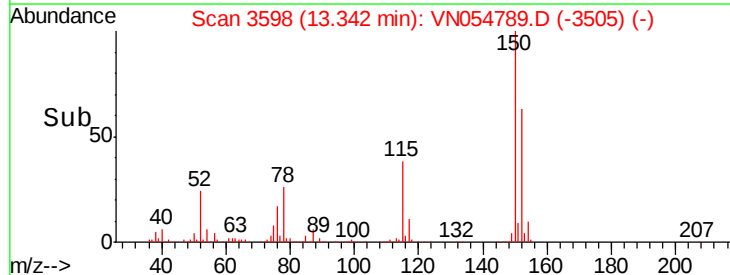
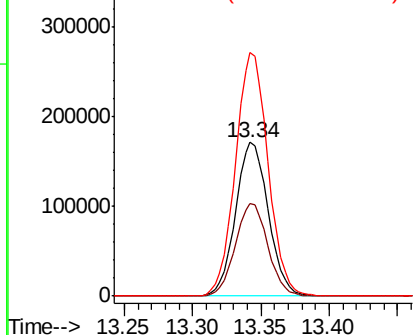


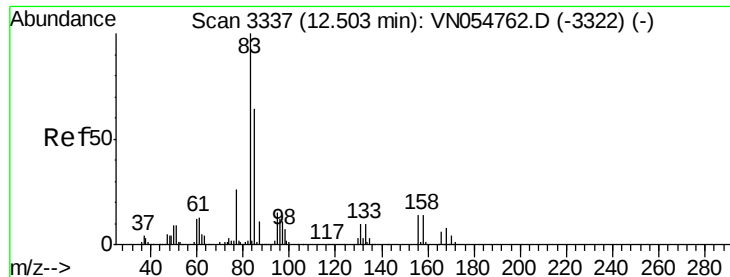
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054789.D
Acq: 29 Mar 2019 23:43

Tgt Ion:152 Resp: 286360
Ion Ratio Lower Upper
152 100
115 59.8 27.2 81.6
150 157.3 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3305

Delta R.T. -0.10 min

Lab File: VN054789.D

Acq: 29 Mar 2019 23:43

Instrument :

MSVOA_N

ClientSampled :

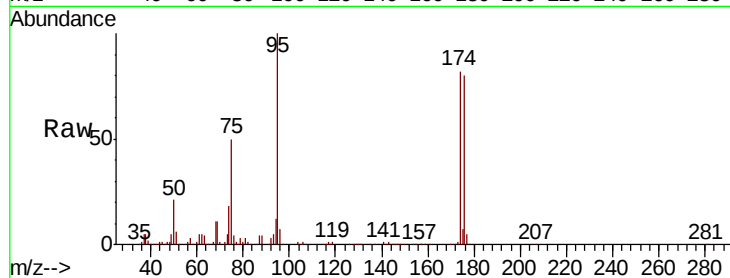
Tot Ion: 83 Resp: 140

Ion Ratio Lower Upper

83 100

131 214.3 5.8 17.4#

85 0.0 32.2 96.6#



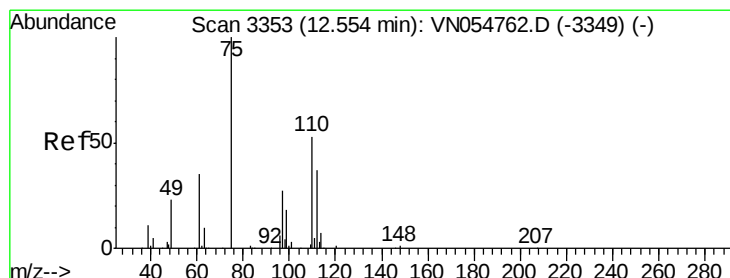
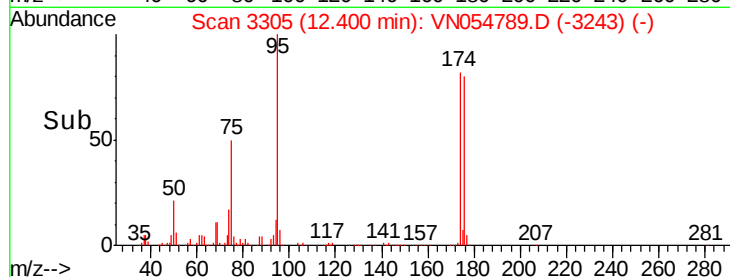
Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0

12.40

Time-->



#76

1,2,3-Trichloropropane

Concen: 32.303 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054789.D

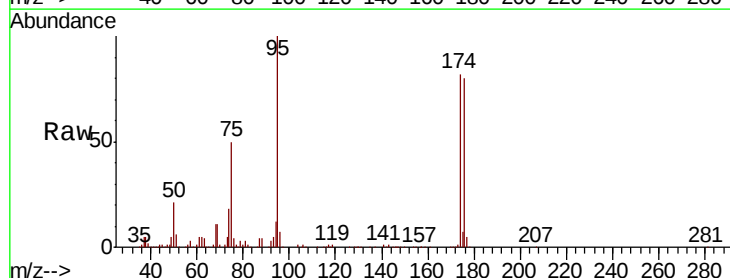
Acq: 29 Mar 2019 23:43

Tgt Ion: 75 Resp: 160699

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#

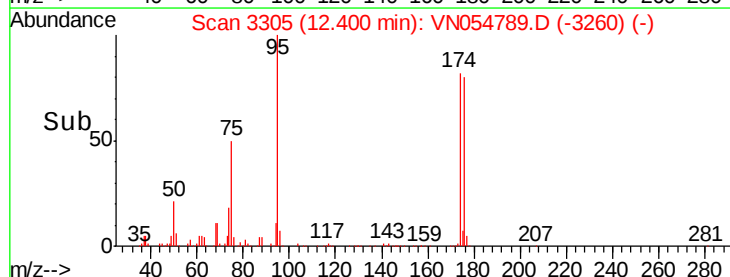


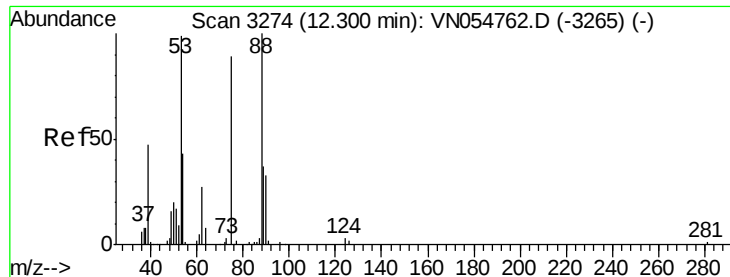
Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

Time-->

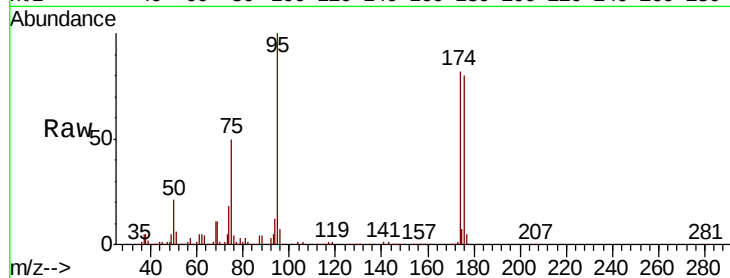




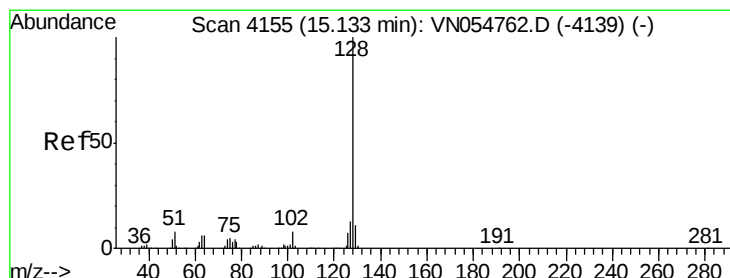
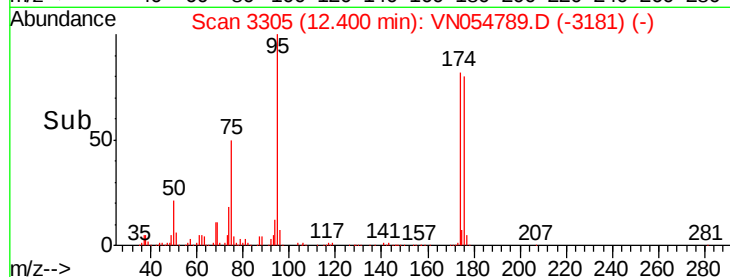
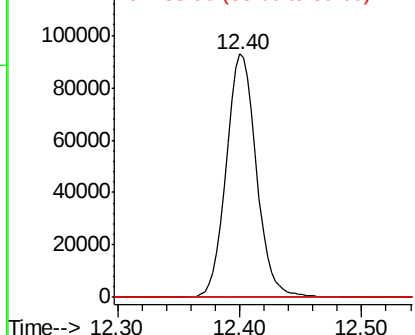
#81
trans-1,4-Dichloro-2-butene
Concen: 125.650 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN054789.D
Acq: 29 Mar 2019 23:43

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 75 Resp: 160699
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.2#
89 0.0 39.2 58.8#

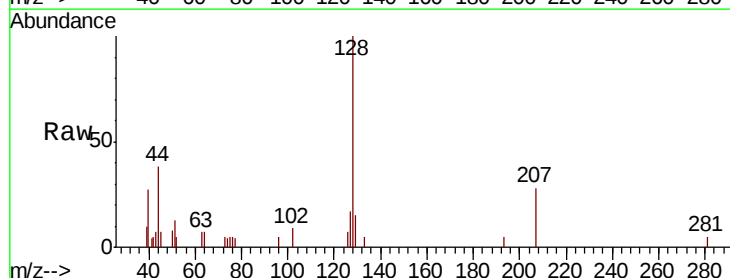


Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 88.90 (88.60 to 89.60): VN0



#95
Naphthalene
Concen: 0.574 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN054789.D
Acq: 29 Mar 2019 23:43

Tgt Ion:128 Resp: 5921
Ion Ratio Lower Upper
128 100
127 14.7 10.1 15.1
129 11.0 8.7 13.1



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

