

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082919\
 Data File : VN057569.D
 Acq On : 29 Aug 2019 23:50
 Operator : JC/SP
 Sample : K4528-40
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

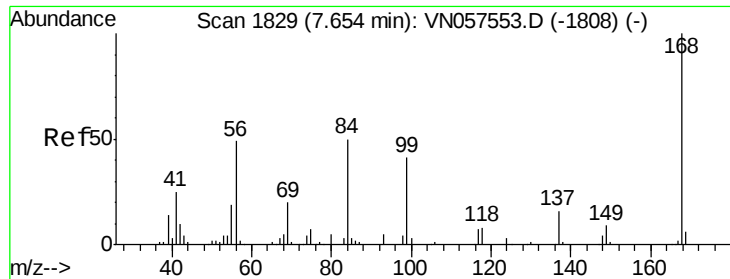
Quant Time: Aug 30 12:11:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 08:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	583931	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	911390	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	842428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	227632	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	356809	38.86	ug/l	0.00
Spiked Amount			Recovery	=	77.72%	
35) Dibromofluoromethane	7.58	113	276984	35.01	ug/l	0.00
Spiked Amount			Recovery	=	70.02%	
50) Toluene-d8	10.08	98	1135749	39.28	ug/l	0.00
Spiked Amount			Recovery	=	78.56%	
62) 4-Bromofluorobenzene	12.40	95	317091	32.41	ug/l	0.00
Spiked Amount			Recovery	=	64.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.41	74	1395	0.209	ug/l	60
13) Acrolein	3.58	56	209	0.259	ug/l #	68
16) Acetone	3.81	43	47951	12.412	ug/l	93
18) Methyl Acetate	4.32	43	7482	Below Cal	#	90
20) Methylene Chloride	4.53	84	7675	1.072	ug/l #	74
25) 2-Butanone	6.84	43	4122	1.352	ug/l #	90
29) Tetrahydrofuran	7.22	42	623	0.327	ug/l #	47
31) Cyclohexane	7.66	56	12327	1.110	ug/l #	18
36) 1,1-Dichloropropene	7.65	75	42596	4.321	ug/l #	53
38) Carbon Tetrachloride	7.65	117	56598	4.909	ug/l #	15
41) Methacrylonitrile	7.18	41	158	1.318	ug/l #	26
43) Isopropyl Acetate	8.16	43	81389	6.675	ug/l #	93
45) 1,2-Dichloropropane	9.26	63	1583	0.224	ug/l #	44
48) Methyl methacrylate	9.18	41	4645	0.807	ug/l #	15
49) 1,4-Dioxane	9.26	88	141	1.342	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	5752	0.883	ug/l	98
54) cis-1,3-Dichloropropene	9.90	75	41000	3.434	ug/l #	59
57) 1,3-Dichloropropane	10.76	76	5944	0.495	ug/l #	43
59) 2-Hexanone	10.76	43	80926	17.988	ug/l #	56
71) Bromoform	12.41	173	2600	0.467	ug/l #	1
73) Isopropylbenzene	12.26	105	69	Below Cal	#	50
74) N-amyl acetate	12.03	43	1953	Below Cal	#	51
75) 1,1,2,2-Tetrachloroethane	12.48	83	92	Below Cal	#	20
76) 1,2,3-Trichloropropane	12.40	75	168462	39.545	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	168462	111.280	ug/l #	8
83) tert-Butylbenzene	13.02	119	114	Below Cal	#	22
93) 1,2,4-Trichlorobenzene	14.91	180	129	3.821	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN057569.D

Acq: 29 Aug 2019 23:50

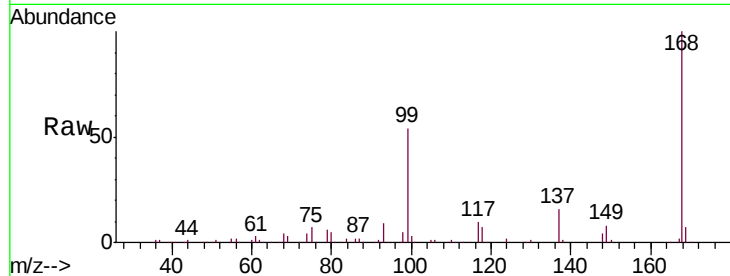
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 583931

Ion Ratio Lower Upper

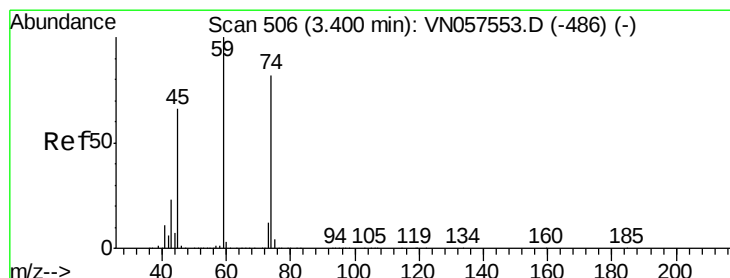
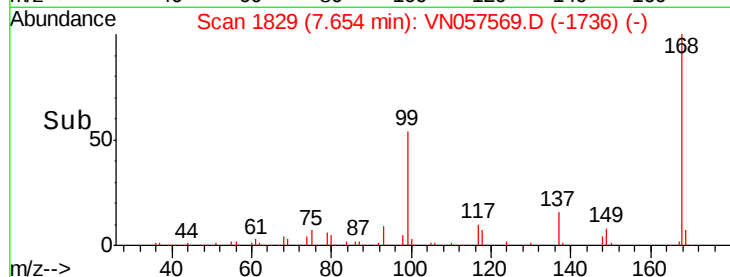
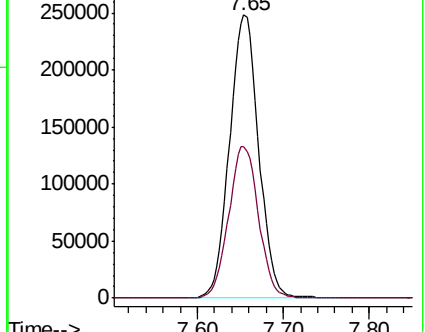
168 100

99 53.6 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#8

Diethyl Ether

Concen: 0.209 ug/l

RT: 3.41 min Scan# 508

Delta R.T. 0.01 min

Lab File: VN057569.D

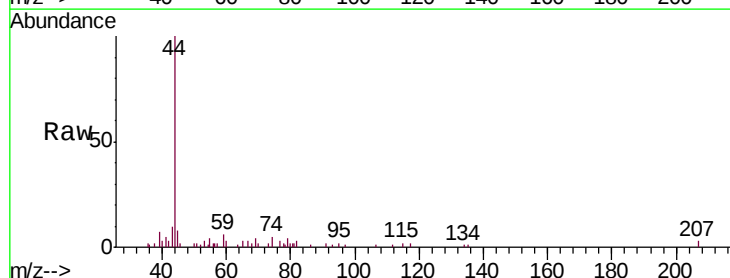
Acq: 29 Aug 2019 23:50

Tgt Ion: 74 Resp: 1395

Ion Ratio Lower Upper

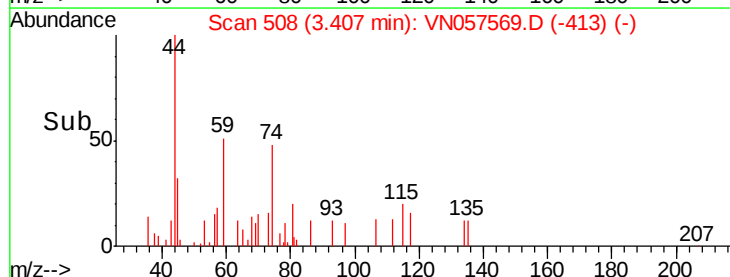
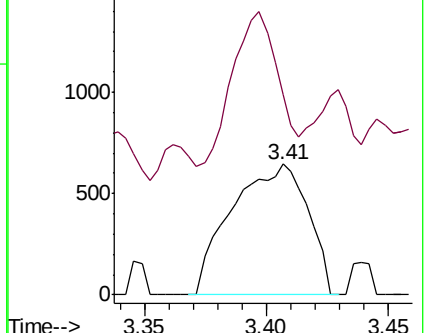
74 100

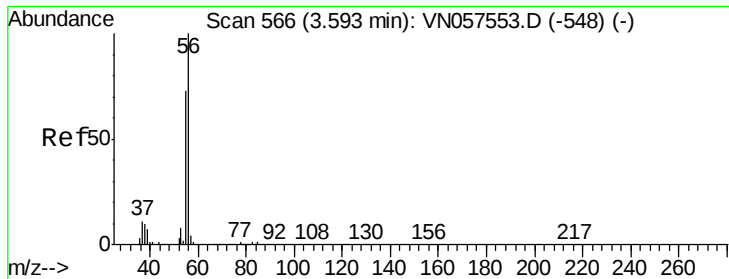
45 72.5 57.9 173.6



Abundance Ion 74.00 (73.70 to 74.70): VN

Ion 45.00 (44.70 to 45.70): VN





#13

Acrolein

Concen: 0.259 ug/l

RT: 3.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VN057569.D

Acq: 29 Aug 2019 23:50

Instrument :

MSVOA_N

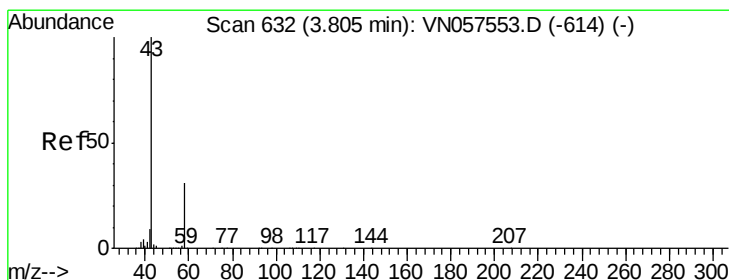
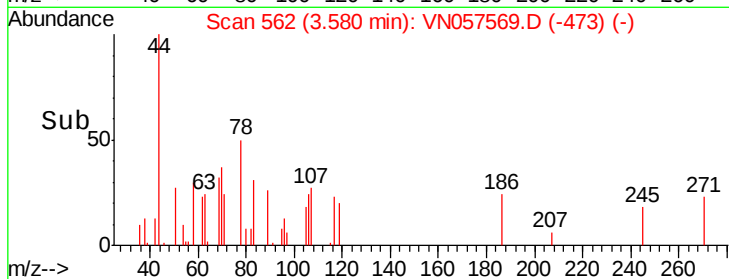
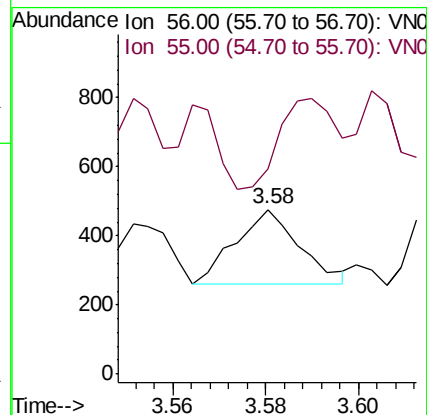
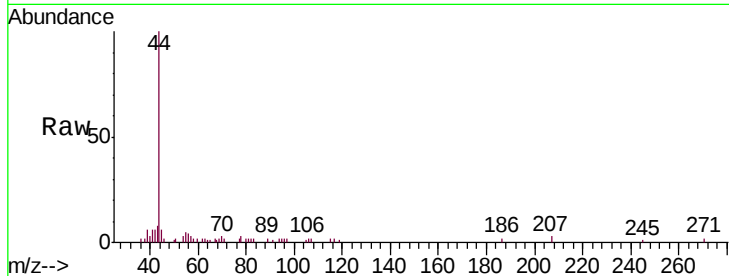
ClientSampled :

Tot Ion: 56 Resp: 209

Ion Ratio Lower Upper

56 100

55 100.5 59.0 88.4#



#16

Acetone

Concen: 12.412 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN057569.D

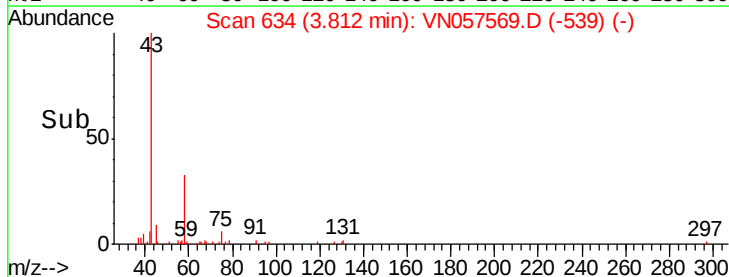
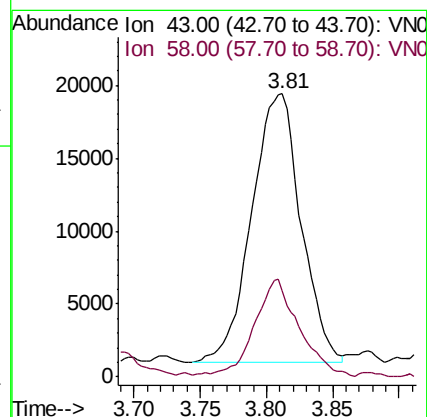
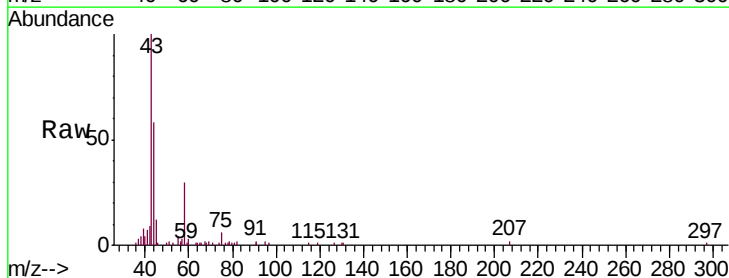
Acq: 29 Aug 2019 23:50

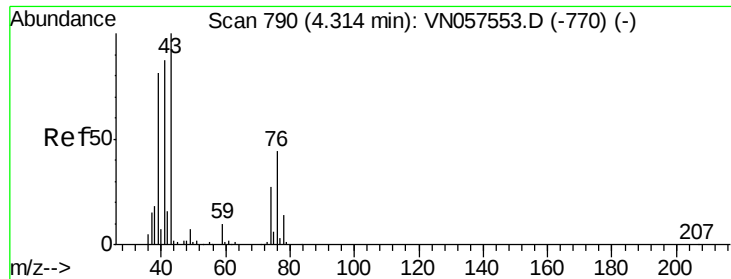
Tgt Ion: 43 Resp: 47951

Ion Ratio Lower Upper

43 100

58 31.2 22.1 33.1

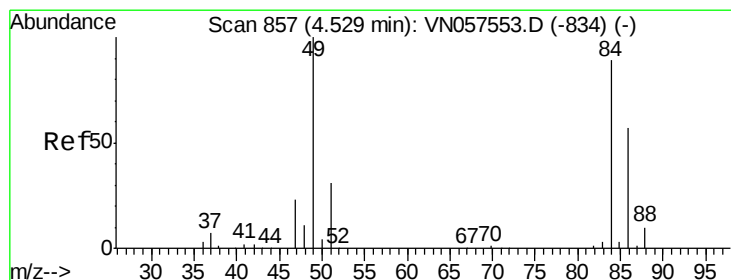
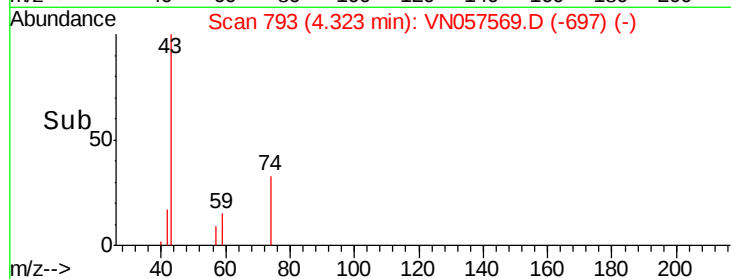
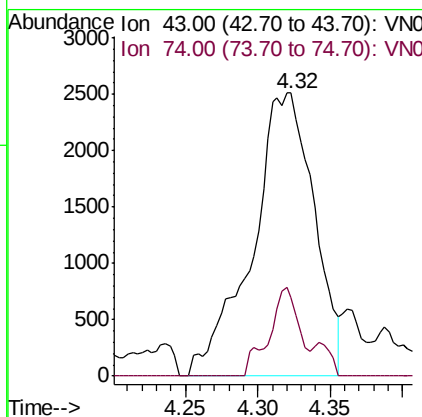
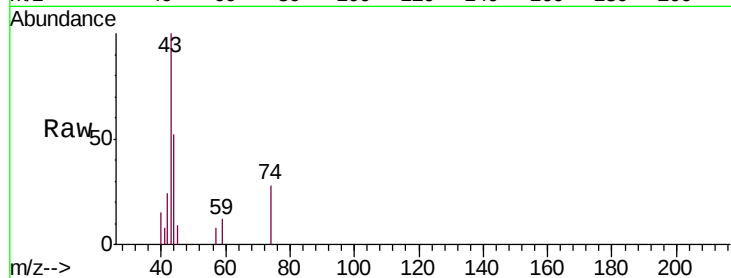




#18
Methyl Acetate
Concen: Below Cal
RT: 4.32 min Scan# 793
Delta R.T. 0.01 min
Lab File: VN057569.D
Acq: 29 Aug 2019 23:50

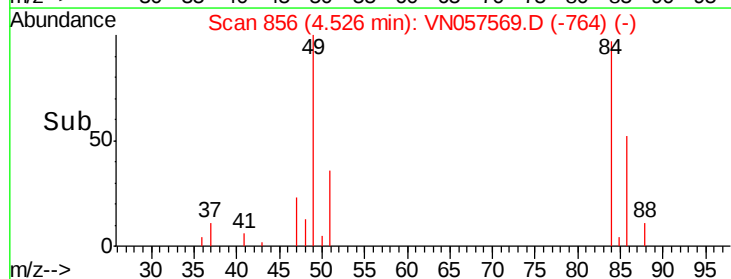
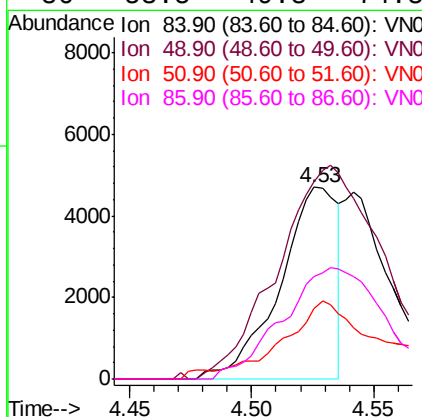
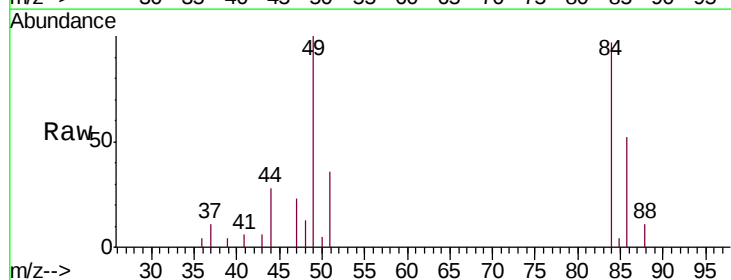
Instrument :
MSVOA_N
ClientSampleId :

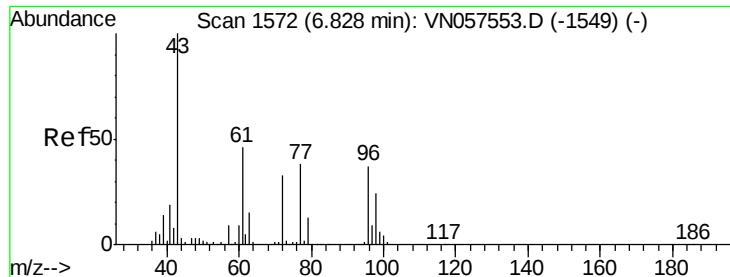
Tot Ion: 43 Resp: 7482
Ion Ratio Lower Upper
43 100
74 15.1 15.9 23.9#



#20
Methylene Chloride
Concen: 1.072 ug/l
RT: 4.53 min Scan# 856
Delta R.T. -0.00 min
Lab File: VN057569.D
Acq: 29 Aug 2019 23:50

Tgt Ion: 84 Resp: 7675
Ion Ratio Lower Upper
84 100
49 103.1 117.0 175.4#
51 33.0 35.5 53.3#
86 53.5 49.8 74.8

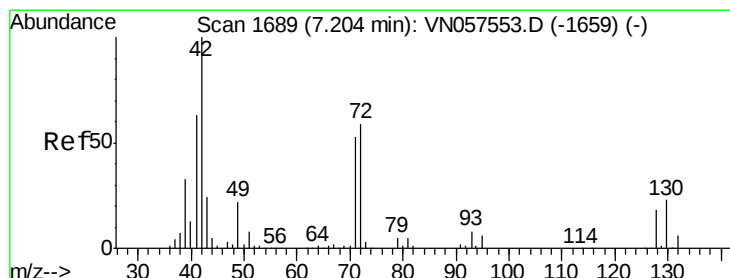
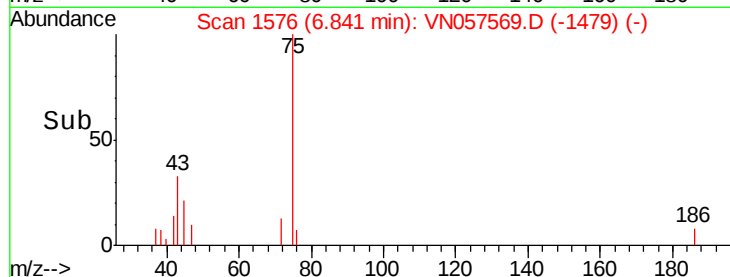
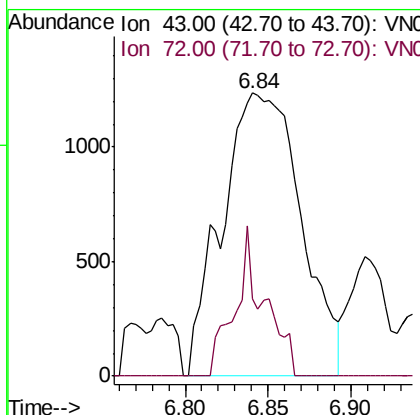
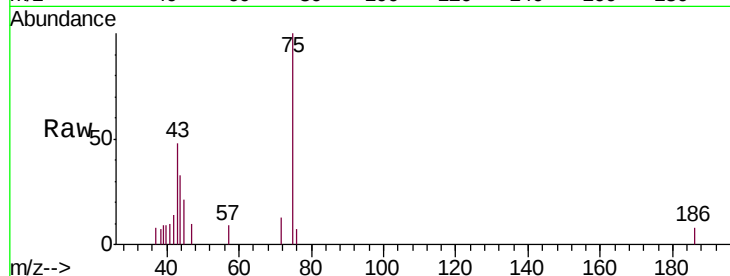




#25
2-Butanone
Concen: 1.352 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VN057569.D
Acq: 29 Aug 2019 23:50

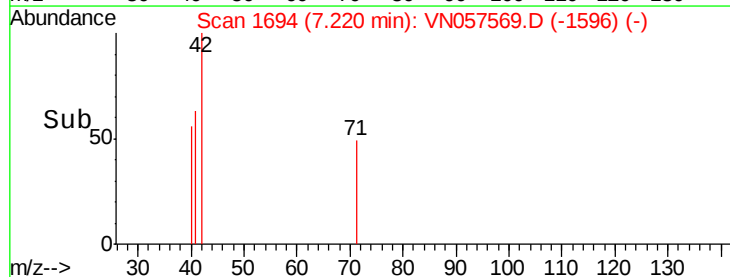
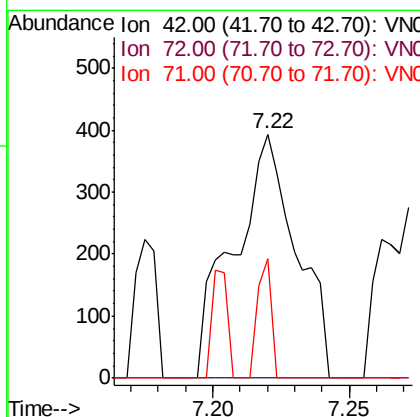
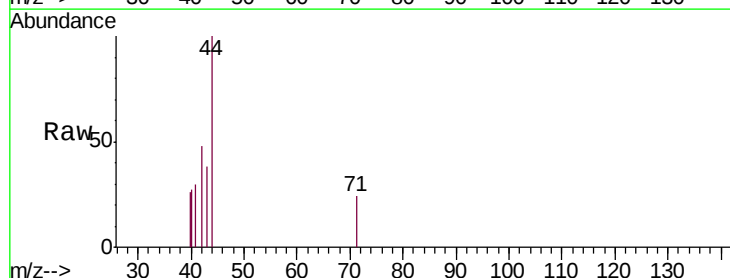
Instrument :
MSVOA_N
ClientSampleId :

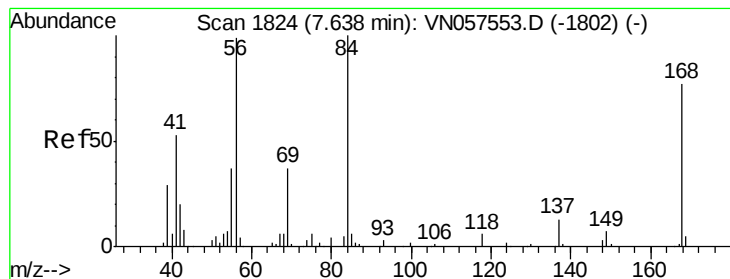
Tot Ion: 43 Resp: 4122
Ion Ratio Lower Upper
43 100
72 27.1 17.8 26.8#



#29
Tetrahydrofuran
Concen: 0.327 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.02 min
Lab File: VN057569.D
Acq: 29 Aug 2019 23:50

Tgt Ion: 42 Resp: 623
Ion Ratio Lower Upper
42 100
72 0.0 30.1 45.1#
71 10.6 28.8 43.2#





#31

Cyclohexane

Concen: 1.110 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.02 min

Lab File: VN057569.D

Acq: 29 Aug 2019 23:50

Instrument :

MSVOA_N

ClientSampleId :

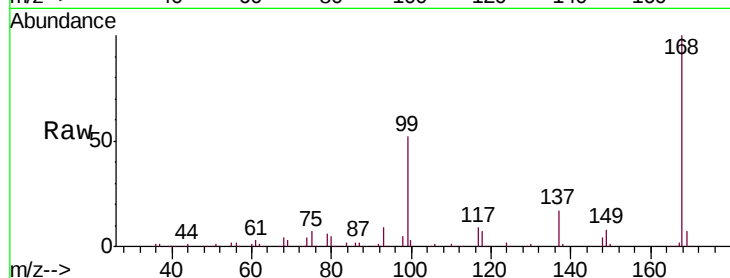
Tot Ion: 56 Resp: 12327

Ion Ratio Lower Upper

56 100

69 144.1 25.0 37.6#

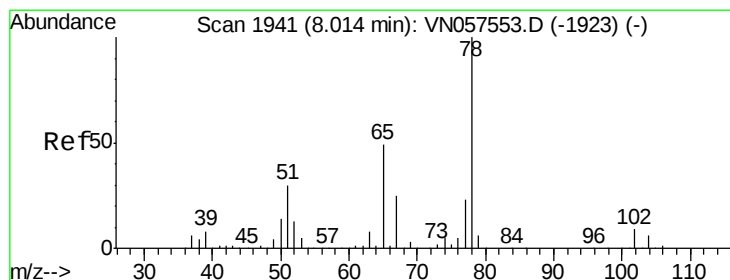
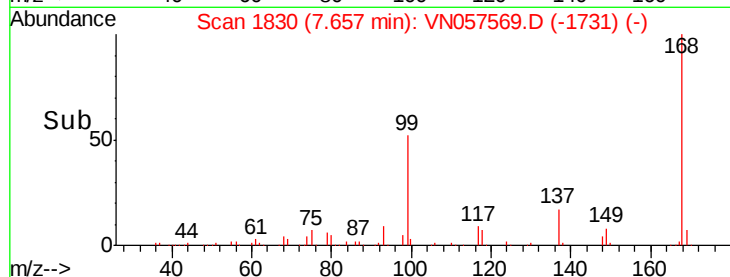
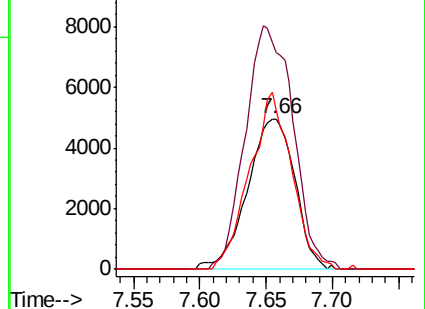
84 106.3 62.5 93.7#



Abundance Ion 56.00 (55.70 to 56.70): VN057553.D (-1802) (-)

Ion 69.00 (68.70 to 69.70): VN057553.D (-1802) (-)

Ion 84.00 (83.70 to 84.70): VN057553.D (-1802) (-)



#33

1,2-Dichloroethane-d4

Concen: 38.858 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.00 min

Lab File: VN057569.D

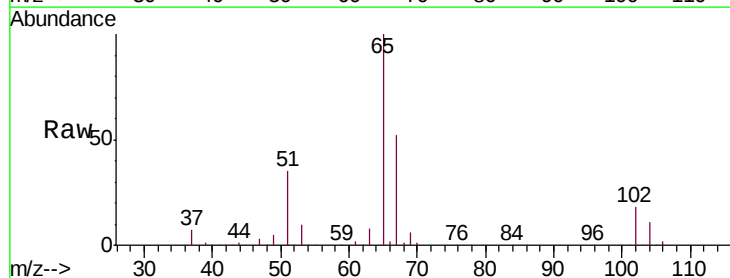
Acq: 29 Aug 2019 23:50

Tgt Ion: 65 Resp: 356809

Ion Ratio Lower Upper

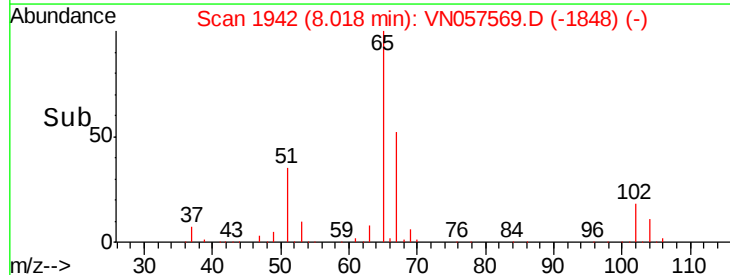
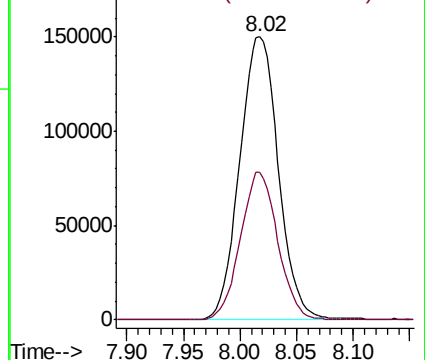
65 100

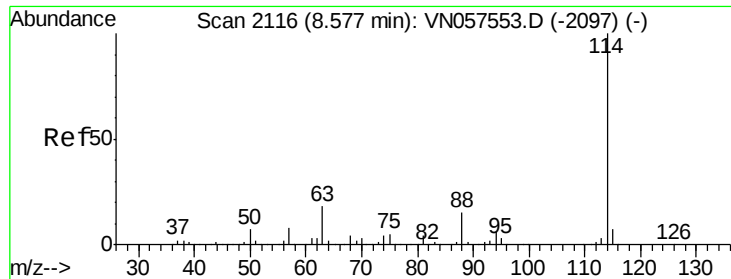
67 50.6 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN057553.D (-1923) (-)

Ion 66.90 (66.60 to 67.60): VN057553.D (-1923) (-)

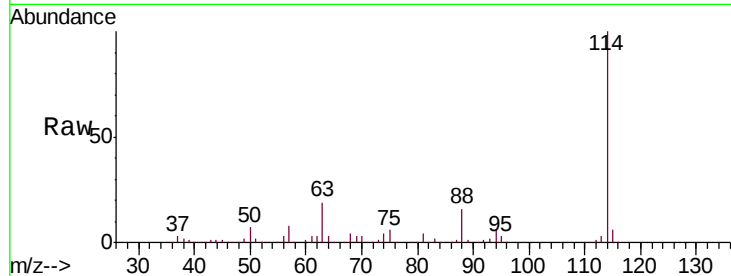




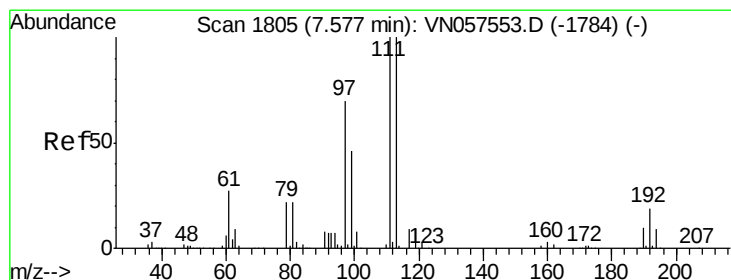
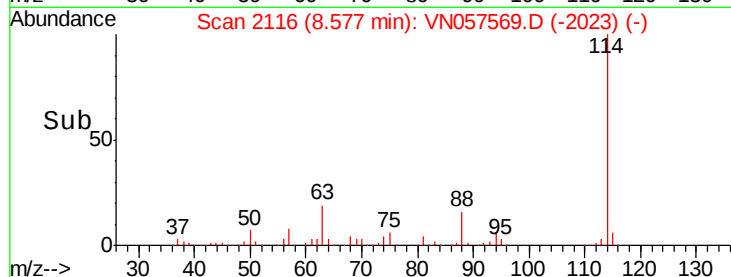
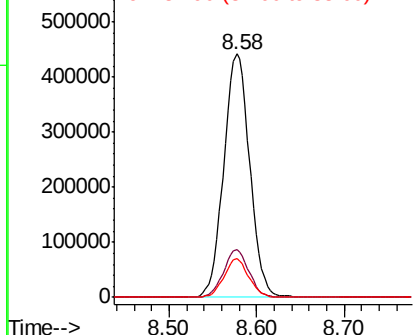
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. -0.00 min
 Lab File: VN057569.D
 Acq: 29 Aug 2019 23:50

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114 Resp: 911390
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 50.2
 88 15.7 0.0 34.6

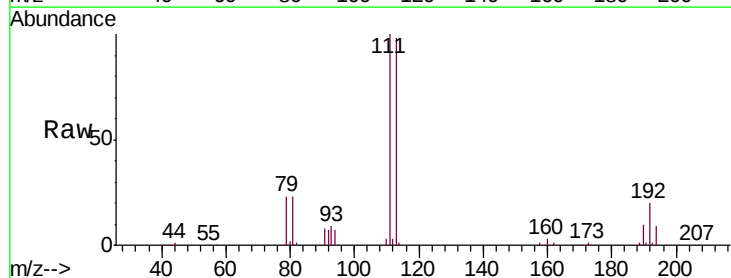


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

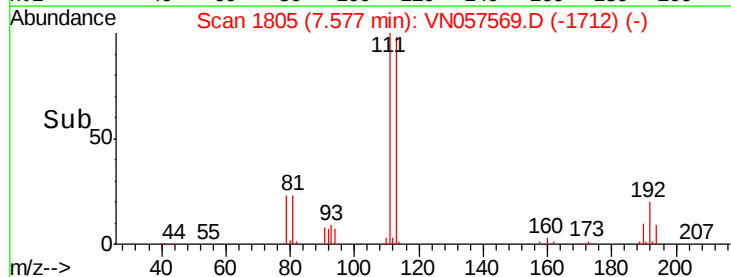
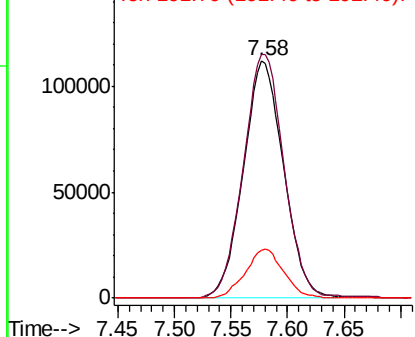


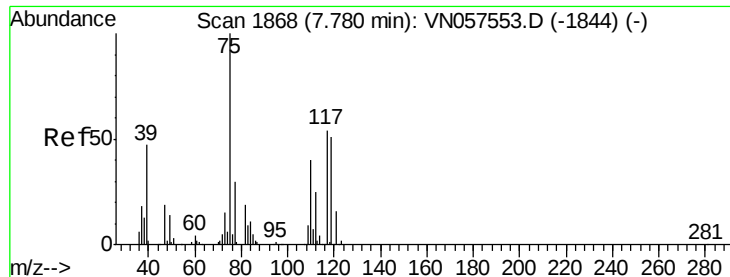
#35
 Dibromofluoromethane
 Concen: 35.011 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: VN057569.D
 Acq: 29 Aug 2019 23:50

Tgt Ion:113 Resp: 276984
 Ion Ratio Lower Upper
 113 100
 111 103.9 83.8 125.6
 192 19.7 13.5 20.3



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: 4.321 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.13 min

Lab File: VN057569.D

Acq: 29 Aug 2019 23:50

Instrument :

MSVOA_N

ClientSampled :

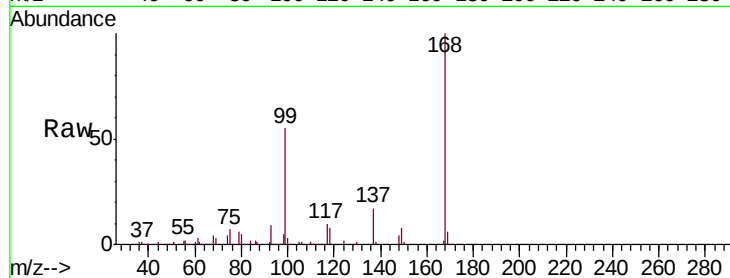
Tot Ion: 75 Resp: 42596

Ion Ratio Lower Upper

75 100

110 11.1 16.1 48.3#

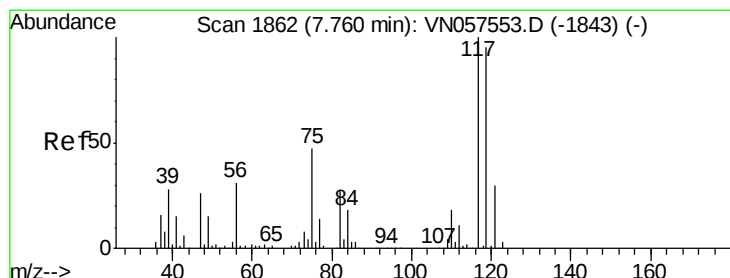
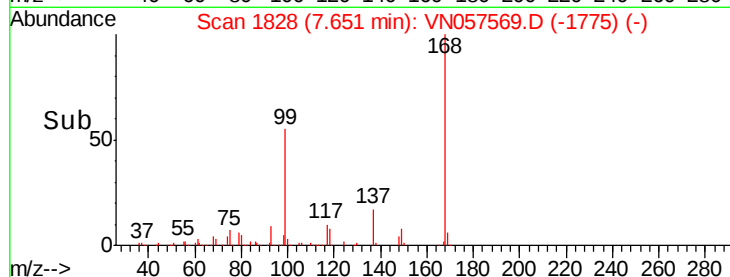
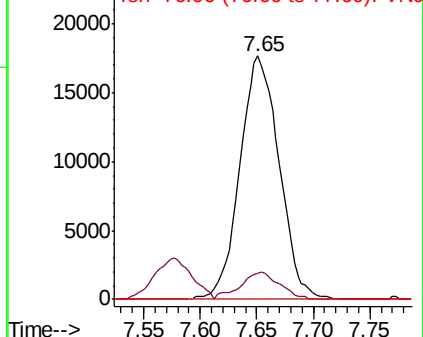
77 0.0 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VN057553.D (-1844) (-)

Ion 109.90 (109.60 to 110.60): VN057553.D (-1844) (-)

Ion 76.90 (76.60 to 77.60): VN057553.D (-1844) (-)



#38

Carbon Tetrachloride

Concen: 4.909 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.11 min

Lab File: VN057569.D

Acq: 29 Aug 2019 23:50

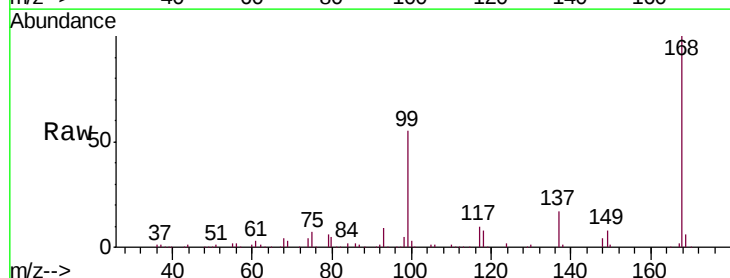
Tgt Ion: 117 Resp: 56598

Ion Ratio Lower Upper

117 100

119 3.9 76.2 114.4#

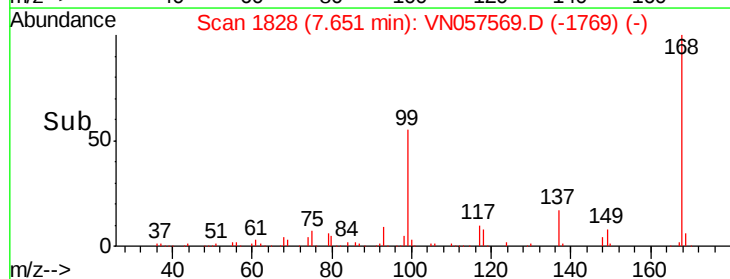
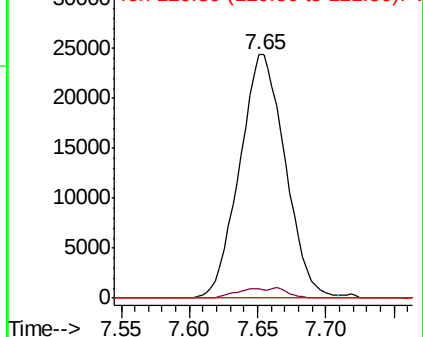
121 0.0 23.8 35.6#

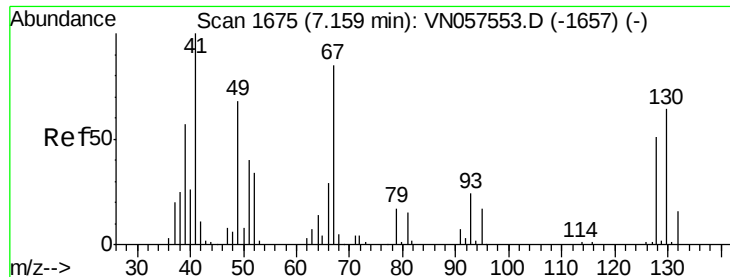


Abundance Ion 116.80 (116.50 to 117.50): VN057553.D (-1843) (-)

Ion 118.80 (118.50 to 119.50): VN057553.D (-1843) (-)

Ion 120.80 (120.50 to 121.50): VN057553.D (-1843) (-)

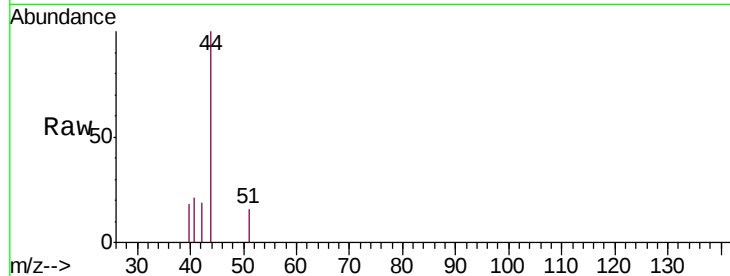




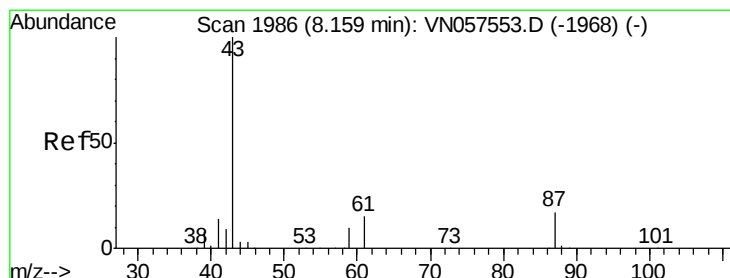
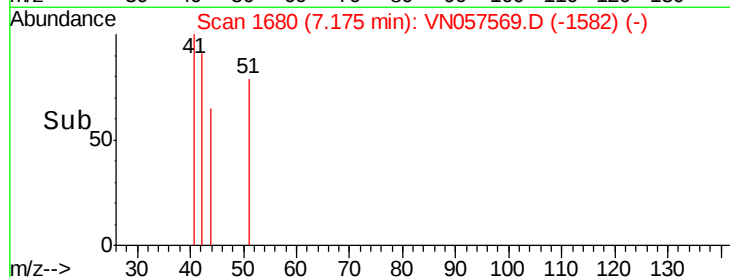
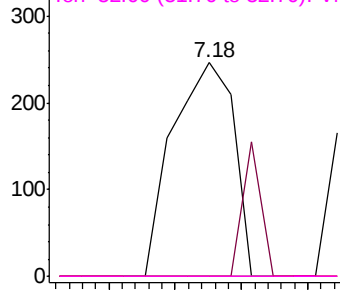
#41
Methacrylonitrile
Concen: 1.318 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.02 min
Lab File: VN057569.D
Acq: 29 Aug 2019 23:50

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 158
Ion Ratio Lower Upper
41 100
39 19.0 53.6 80.4#
67 0.0 65.4 98.2#
52 0.0 29.8 44.6#

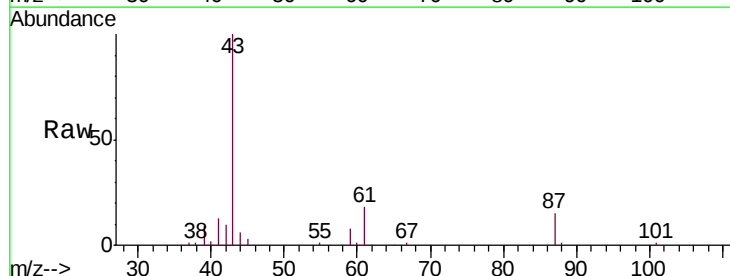


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

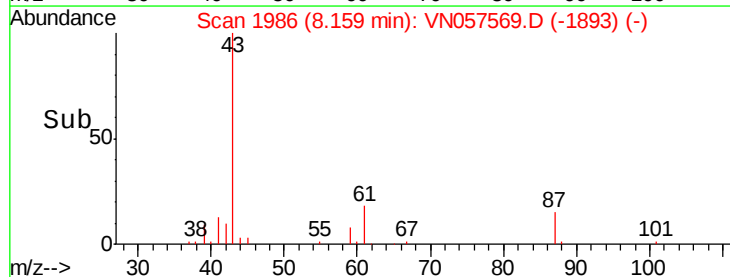
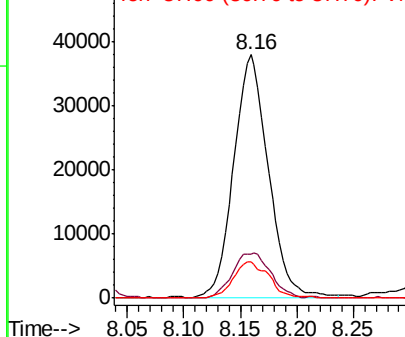


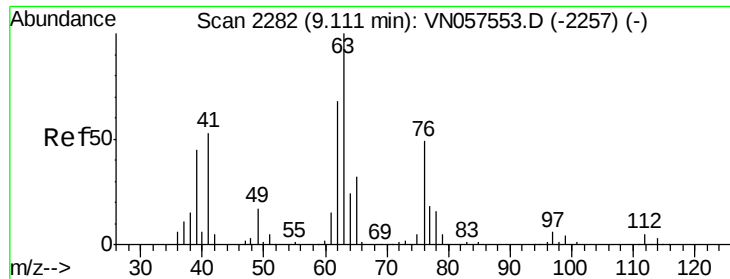
#43
Isopropyl Acetate
Concen: 6.675 ug/l
RT: 8.16 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VN057569.D
Acq: 29 Aug 2019 23:50

Tgt Ion: 43 Resp: 81389
Ion Ratio Lower Upper
43 100
61 20.2 14.5 21.7
87 15.1 8.6 12.8#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO

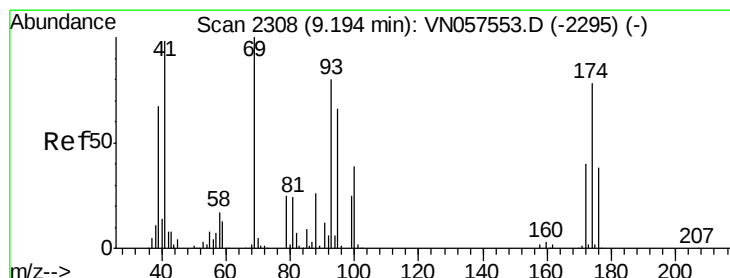
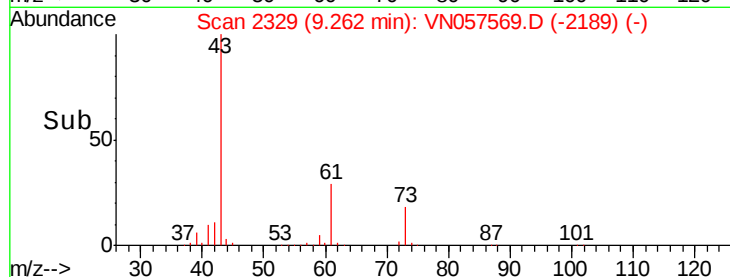
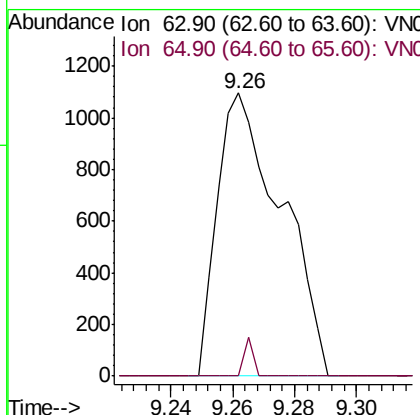
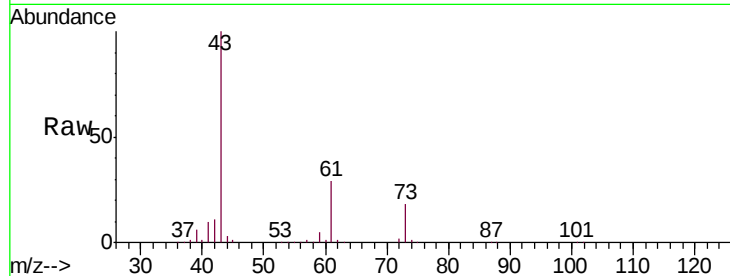




#45
 1,2-Dichloropropane
 Concen: 0.224 ug/l
 RT: 9.26 min Scan# 2329
 Delta R.T. 0.15 min
 Lab File: VN057569.D
 Acq: 29 Aug 2019 23:50

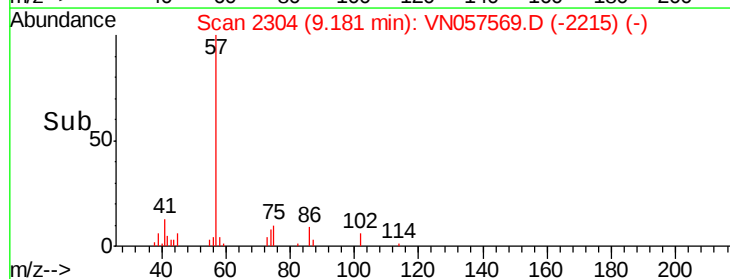
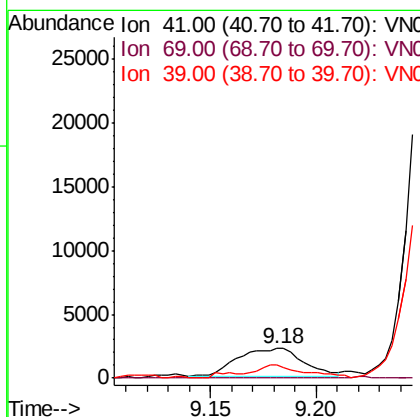
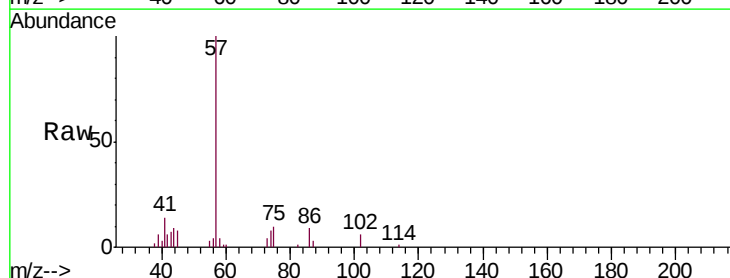
Instrument :
 MSVOA_N
 ClientSampleId :

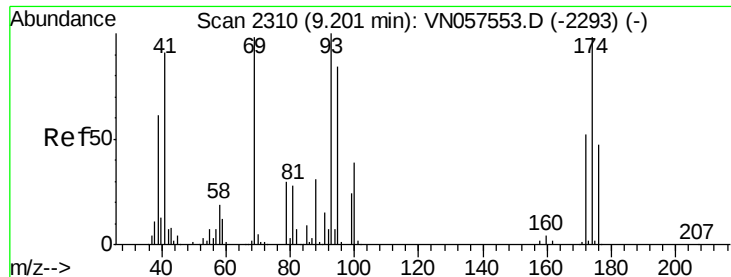
Tot Ion: 63 Resp: 1583
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.7 37.1#



#48
 Methyl methacrylate
 Concen: 0.807 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: VN057569.D
 Acq: 29 Aug 2019 23:50

Tgt Ion: 41 Resp: 4645
 Ion Ratio Lower Upper
 41 100
 69 0.0 59.3 88.9#
 39 0.0 50.6 75.8#





#49

1,4-Dioxane

Concen: 1.342 ug/l

RT: 9.26 min Scan# 2328

Delta R.T. 0.06 min

Lab File: VN057569.D

Acq: 29 Aug 2019 23:50

Instrument :
MSVOA_N
ClientSampled :

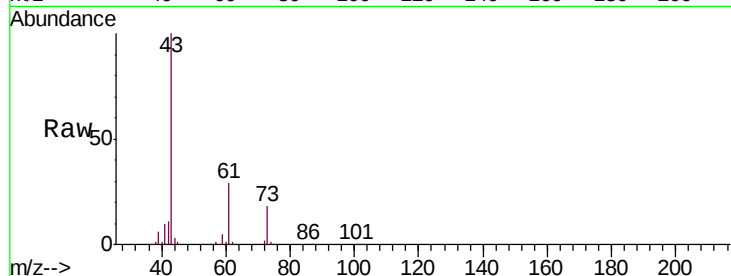
Tot Ion: 88 Resp: 141

Ion Ratio Lower Upper

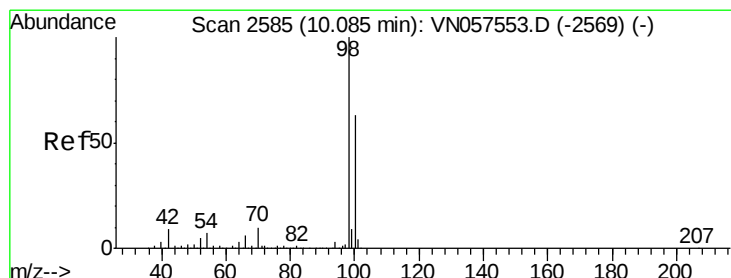
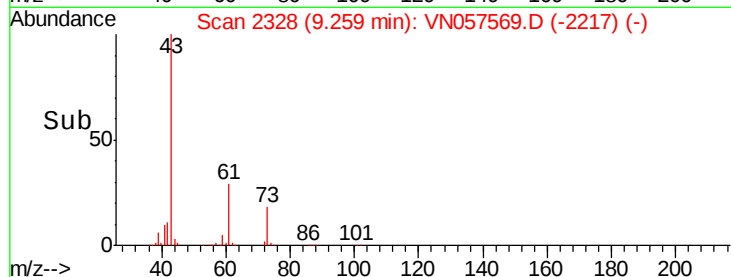
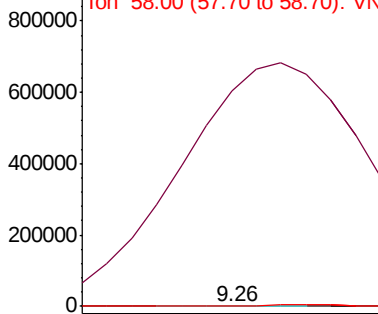
88 100

43 882372.3 31.0 46.6#

58 4536.9 64.5 96.7#



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: 39.279 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057569.D

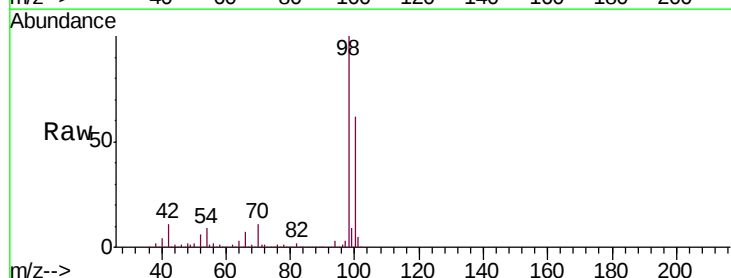
Acq: 29 Aug 2019 23:50

Tgt Ion: 98 Resp: 1135749

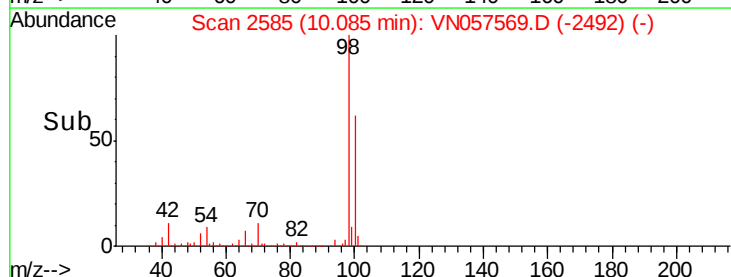
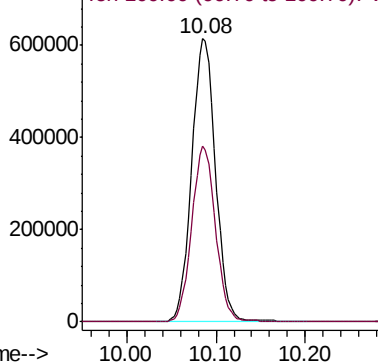
Ion Ratio Lower Upper

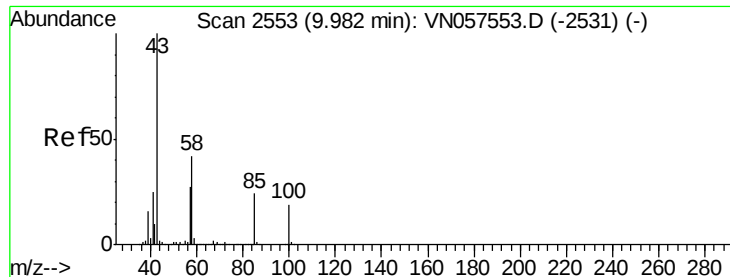
98 100

100 62.0 50.4 75.6



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: 0.883 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN057569.D

Acq: 29 Aug 2019 23:50

Instrument :

MSVOA_N

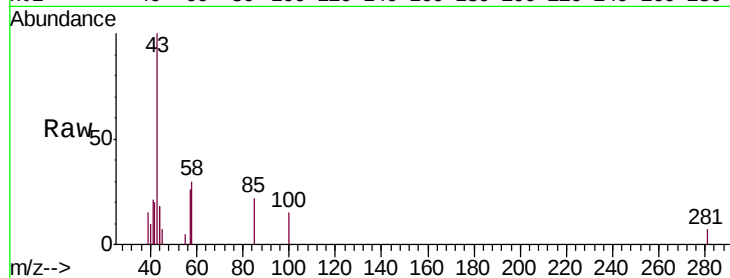
ClientSampleId :

Tot Ion: 43 Resp: 5752

Ion Ratio Lower Upper

43 100

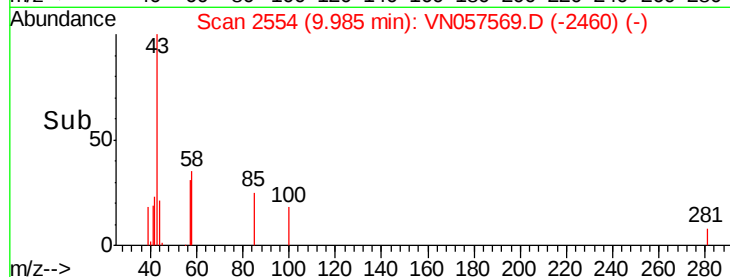
58 36.1 27.9 41.9



Abundance Ion 43.00 (42.70 to 43.70): VN057553.D (-2531) (-)

Ion 58.00 (57.70 to 58.70): VN057553.D (-2531) (-)

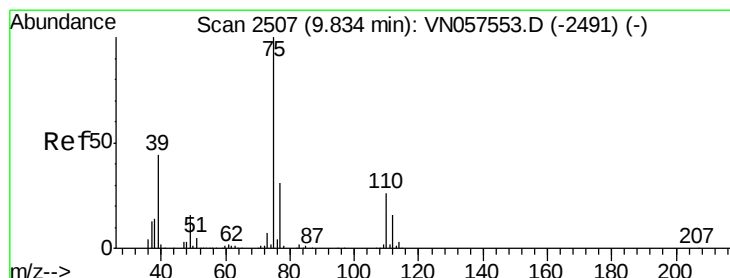
Time-->



Abundance Ion 43.00 (42.70 to 43.70): VN057569.D (-2460) (-)

Ion 58.00 (57.70 to 58.70): VN057569.D (-2460) (-)

Time-->



#54

cis-1,3-Dichloropropene

Concen: 3.434 ug/l

RT: 9.90 min Scan# 2528

Delta R.T. 0.07 min

Lab File: VN057569.D

Acq: 29 Aug 2019 23:50

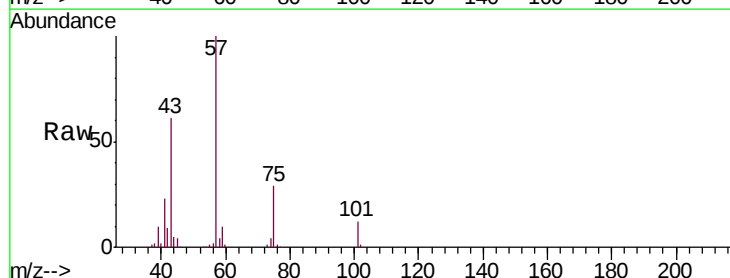
Tgt Ion: 75 Resp: 41000

Ion Ratio Lower Upper

75 100

77 1.0 25.0 37.6#

39 35.2 49.2 73.8#

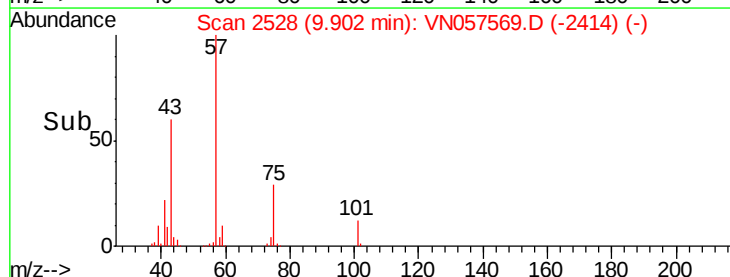


Abundance Ion 74.90 (74.60 to 75.60): VN057553.D (-2491) (-)

Ion 76.90 (76.60 to 77.60): VN057553.D (-2491) (-)

Ion 39.00 (38.70 to 39.70): VN057553.D (-2491) (-)

Time-->

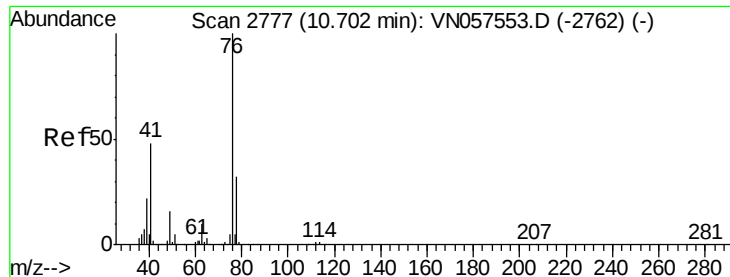


Abundance Ion 74.90 (74.60 to 75.60): VN057569.D (-2414) (-)

Ion 76.90 (76.60 to 77.60): VN057569.D (-2414) (-)

Ion 39.00 (38.70 to 39.70): VN057569.D (-2414) (-)

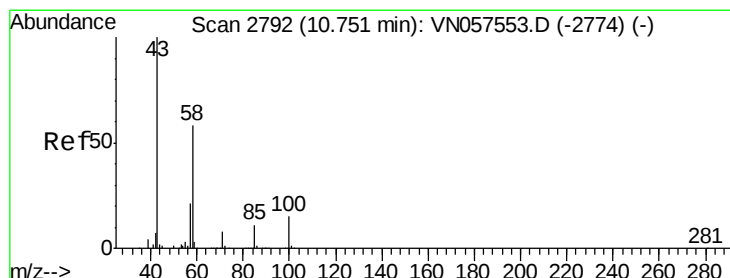
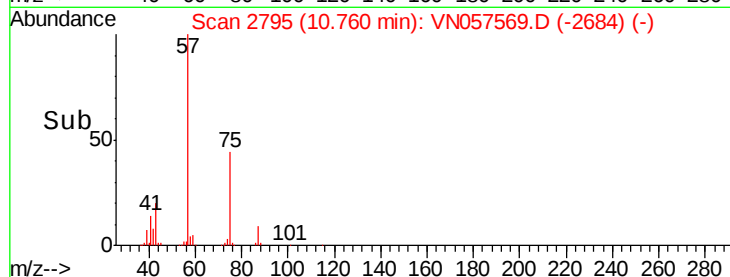
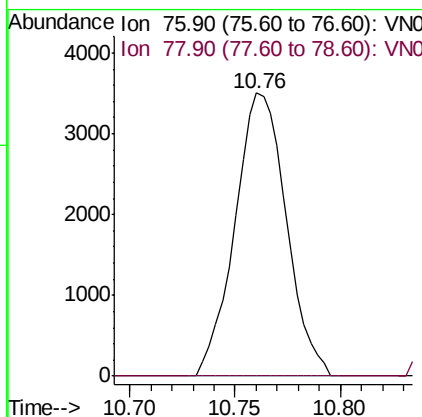
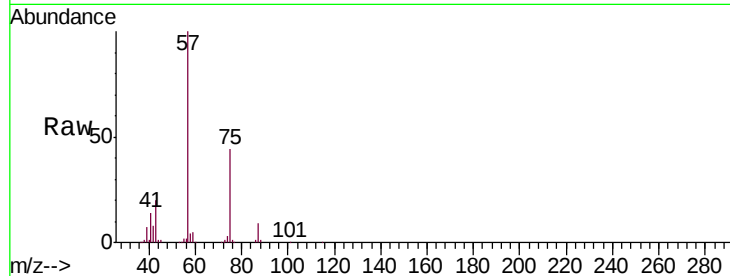
Time-->



#57
 1,3-Dichloropropane
 Concen: 0.495 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.06 min
 Lab File: VN057569.D
 Acq: 29 Aug 2019 23:50

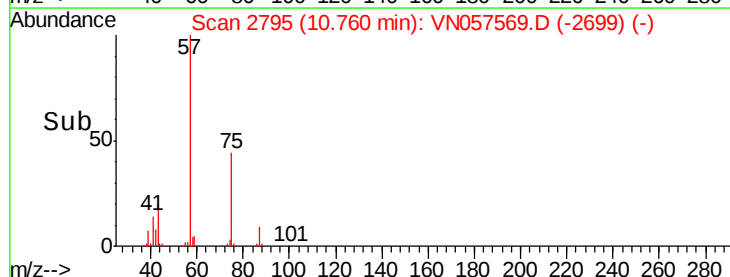
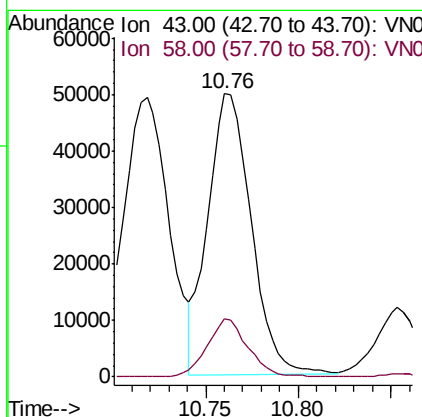
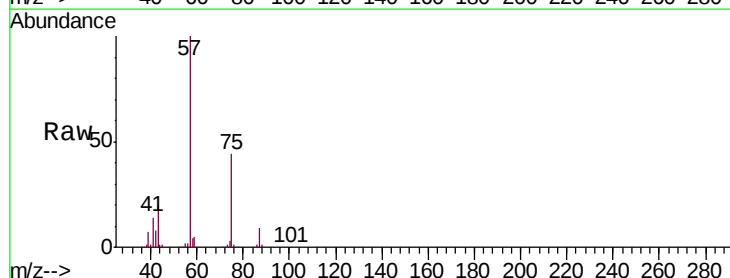
Instrument :
 MSVOA_N
 ClientSampled :

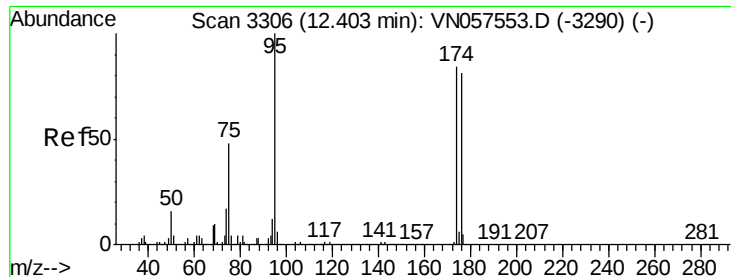
Tot Ion: 76 Resp: 5944
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.5 38.3#



#59
 2-Hexanone
 Concen: 17.988 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.01 min
 Lab File: VN057569.D
 Acq: 29 Aug 2019 23:50

Tgt Ion: 43 Resp: 80926
 Ion Ratio Lower Upper
 43 100
 58 19.4 24.6 73.6#

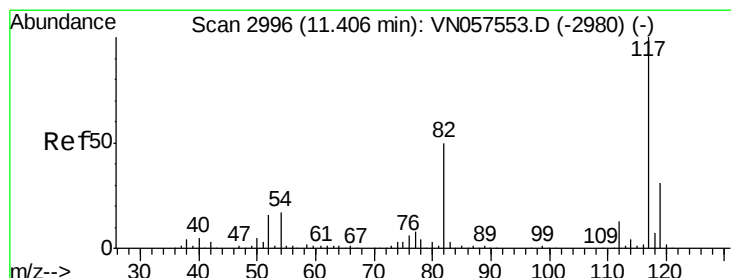
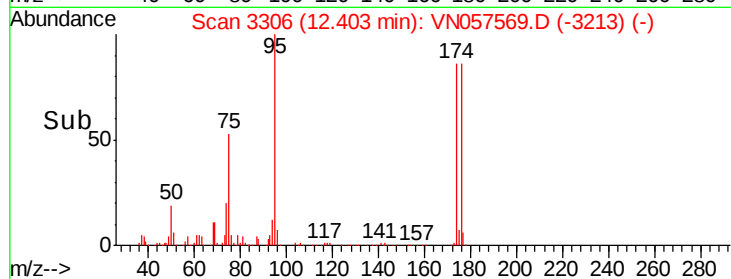
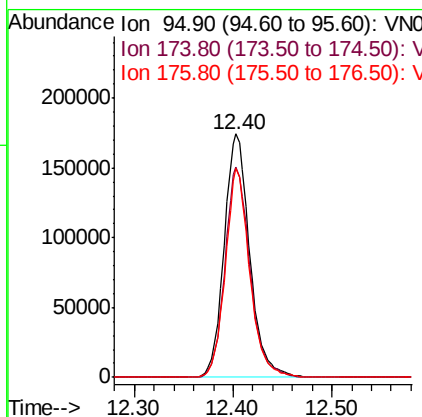
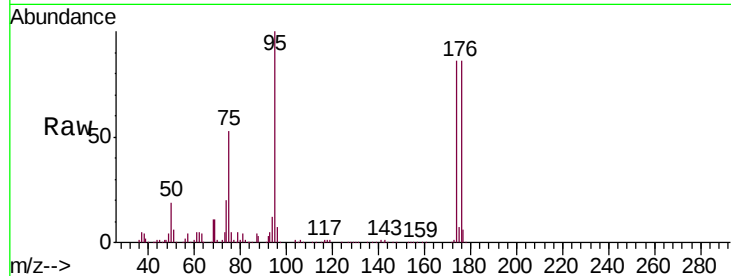




#62
4-Bromofluorobenzene
Concen: 32.409 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.00 min
Lab File: VN057569.D
Acq: 29 Aug 2019 23:50

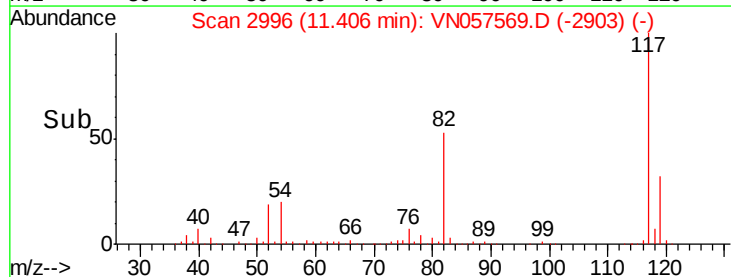
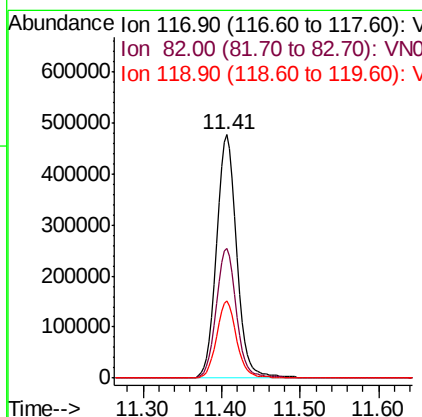
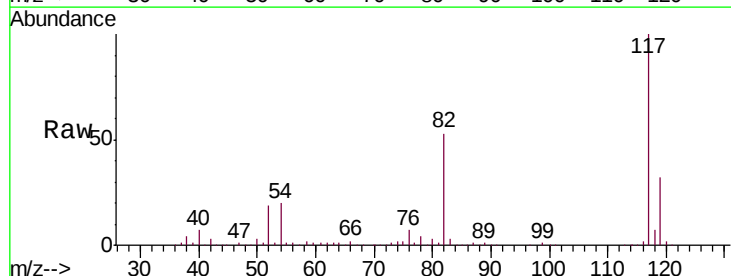
Instrument :
MSVOA_N
ClientSampleId :

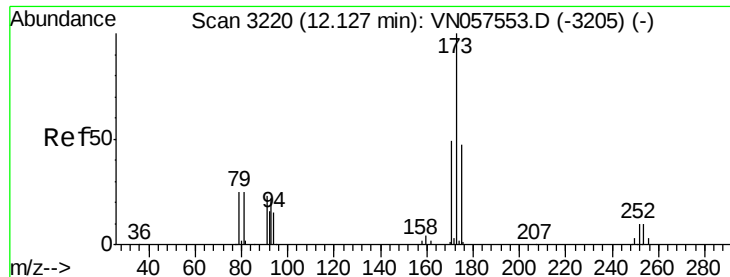
Tot Ion: 95 Resp: 317091
Ion Ratio Lower Upper
95 100
174 84.7 0.0 133.0
176 81.9 0.0 130.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN057569.D
Acq: 29 Aug 2019 23:50

Tgt Ion: 117 Resp: 842428
Ion Ratio Lower Upper
117 100
82 53.2 50.6 75.8
119 31.6 24.6 36.8





#71

Bromoform

Concen: 0.467 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.28 min

Lab File: VN057569.D

Acq: 29 Aug 2019 23:50

Instrument :

MSVOA_N

ClientSampleId :

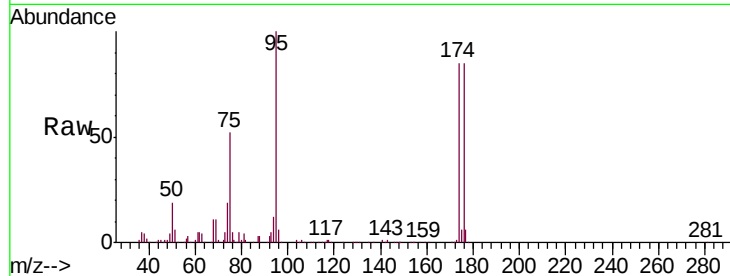
Tot Ion:173 Resp: 2600

Ion Ratio Lower Upper

173 100

175 621.0 23.9 71.8#

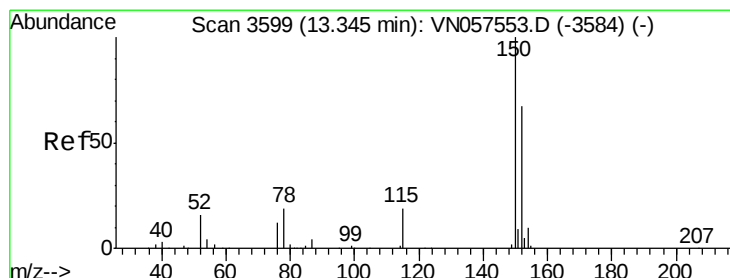
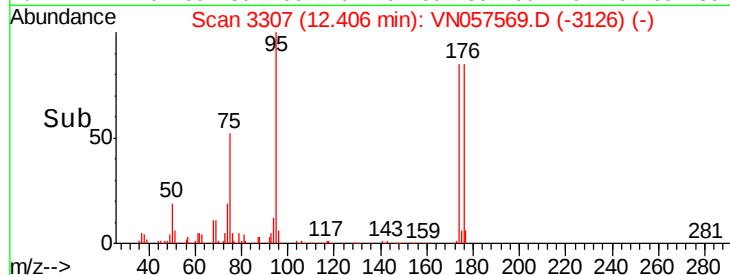
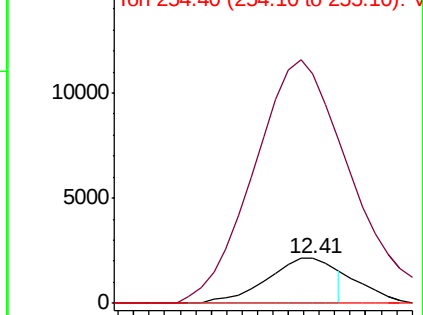
254 0.0 0.1 0.1#



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: VN057569.D

Acq: 29 Aug 2019 23:50

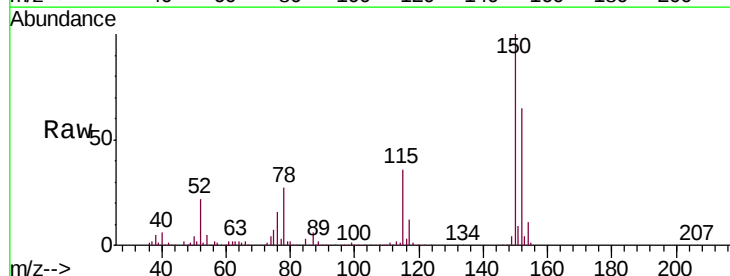
Tgt Ion:152 Resp: 227632

Ion Ratio Lower Upper

152 100

115 57.5 32.0 96.0

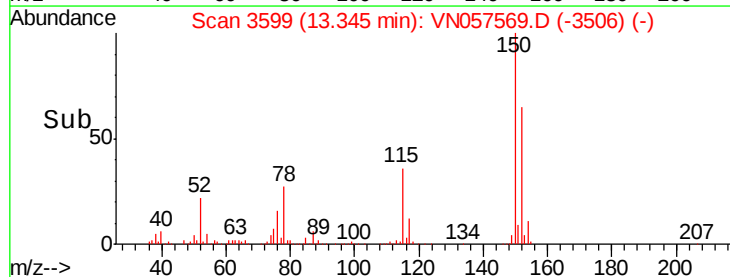
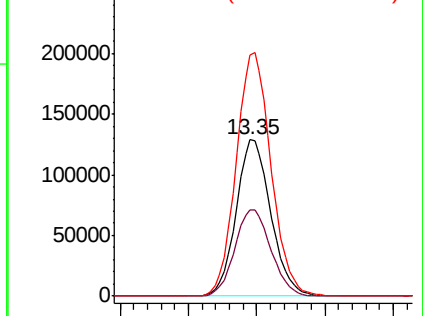
150 156.4 0.0 346.6

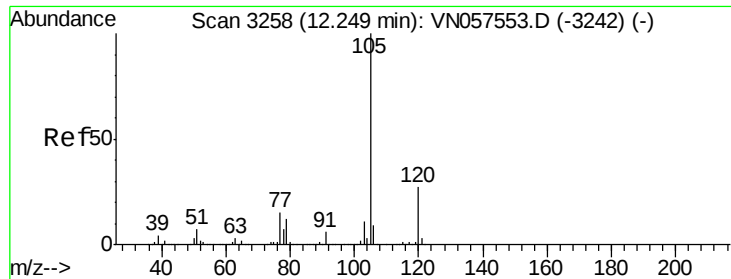


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.26 min Scan# 3260

Delta R.T. 0.01 min

Lab File: VN057569.D

Acq: 29 Aug 2019 23:50

Instrument :

MSVOA_N

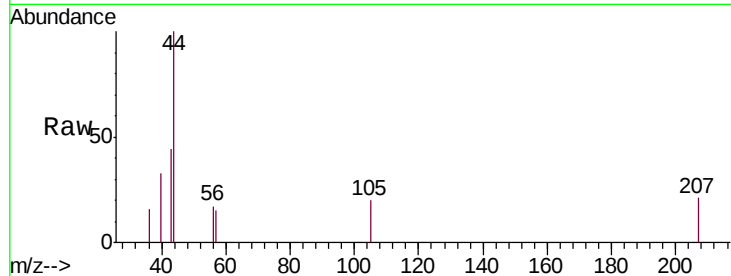
ClientSampleId :

Tot Ion: 105 Resp: 69

Ion Ratio Lower Upper

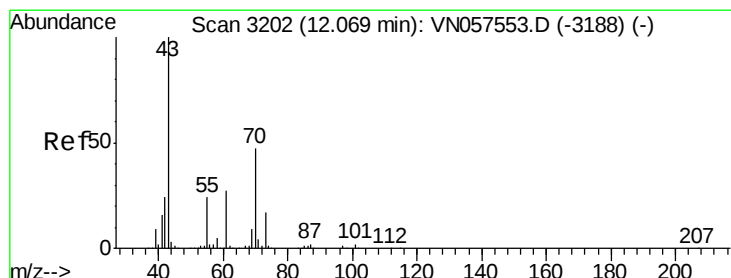
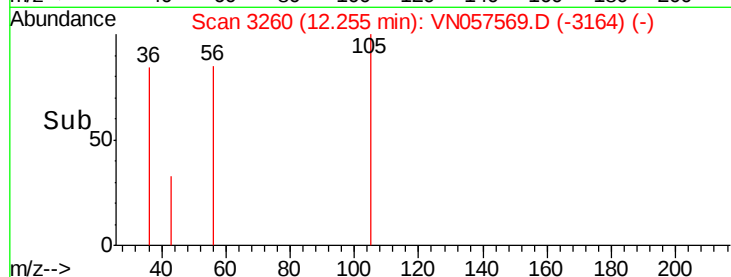
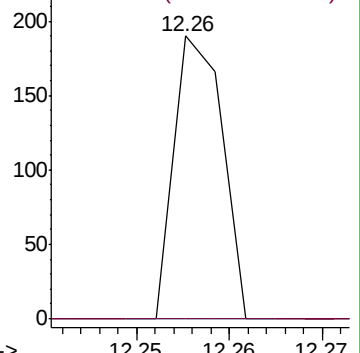
105 100

120 0.0 12.7 38.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: Below Cal

RT: 12.03 min Scan# 3189

Delta R.T. -0.04 min

Lab File: VN057569.D

Acq: 29 Aug 2019 23:50

Tgt Ion: 43 Resp: 1953

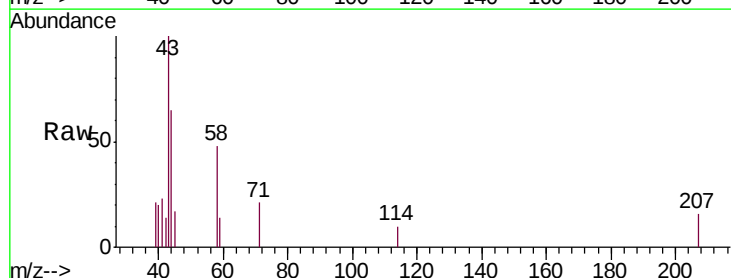
Ion Ratio Lower Upper

43 100

70 0.0 27.8 41.6#

55 5.0 17.0 25.4#

61 0.0 17.0 25.6#

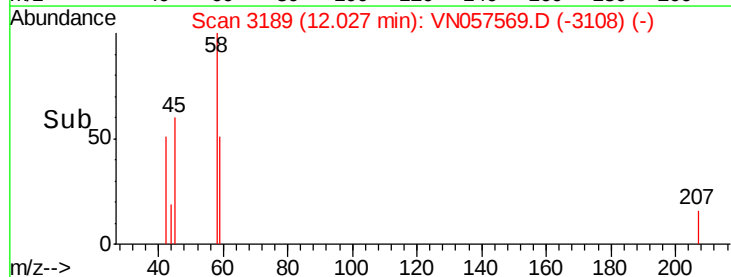
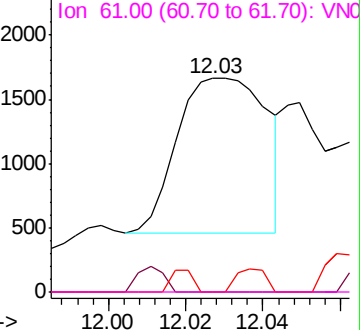


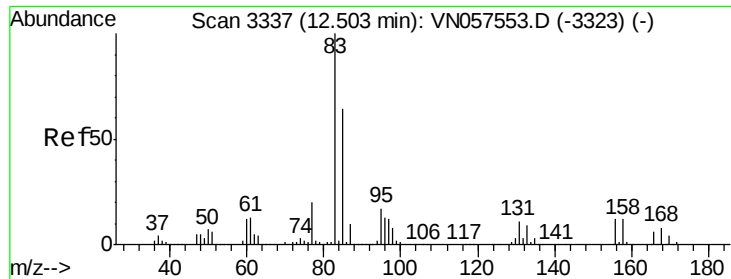
Abundance Ion 43.00 (42.70 to 43.70): V

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





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.48 min Scan# 3331

Delta R.T. -0.02 min

Lab File: VN057569.D

Acq: 29 Aug 2019 23:50

Instrument :

MSVOA_N

ClientSampleId :

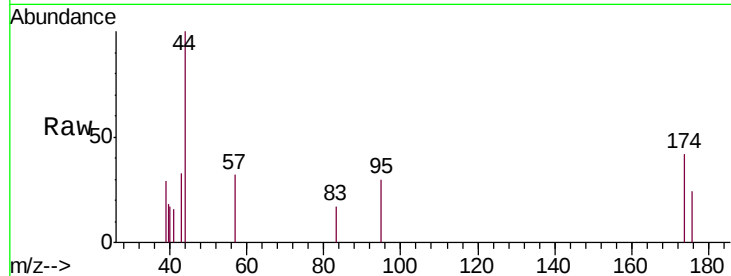
Tot Ion: 83 Resp: 92

Ion Ratio Lower Upper

83 100

131 31.5 4.3 13.1#

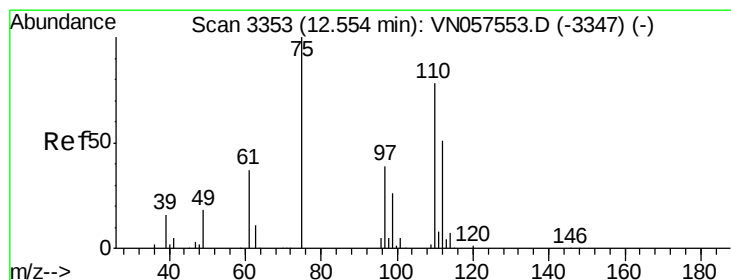
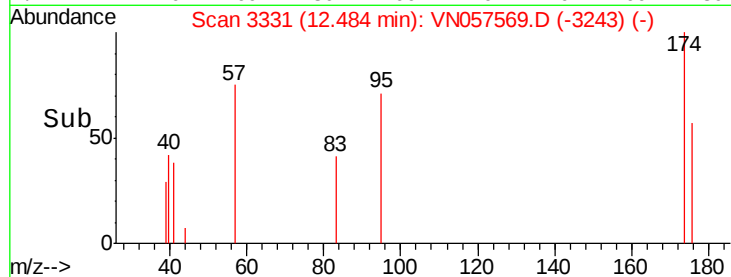
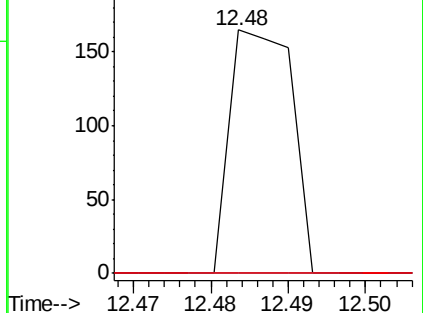
85 0.0 32.3 96.8#



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



#76

1,2,3-Trichloropropane

Concen: 39.545 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057569.D

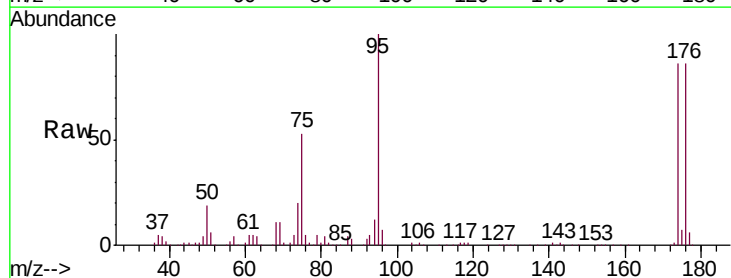
Acq: 29 Aug 2019 23:50

Tgt Ion: 75 Resp: 168462

Ion Ratio Lower Upper

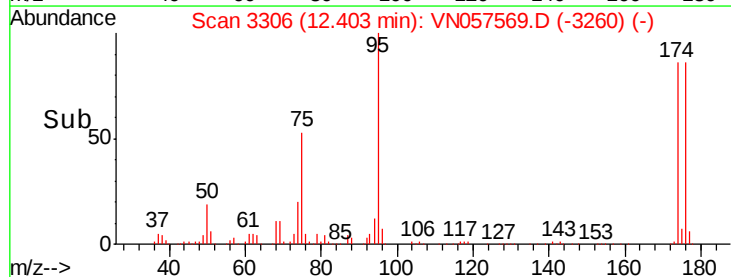
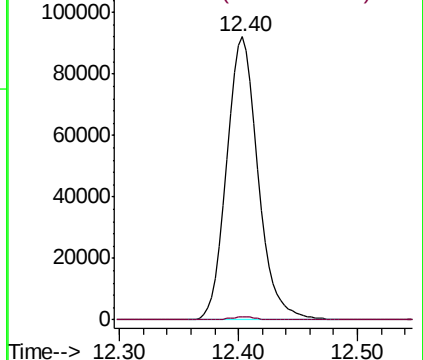
75 100

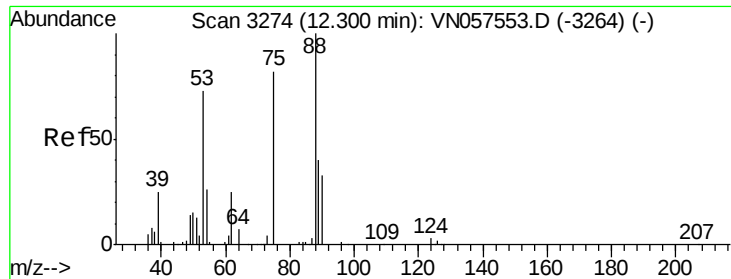
77 0.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

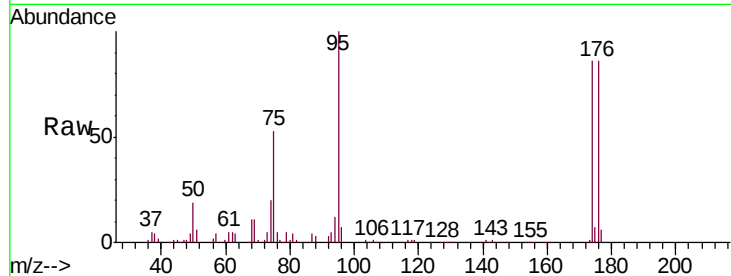




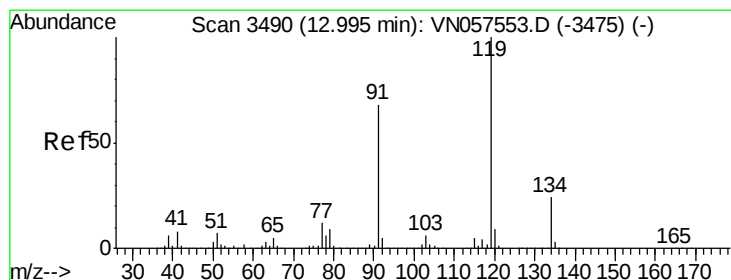
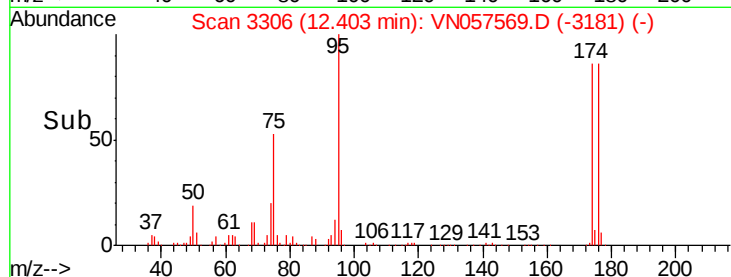
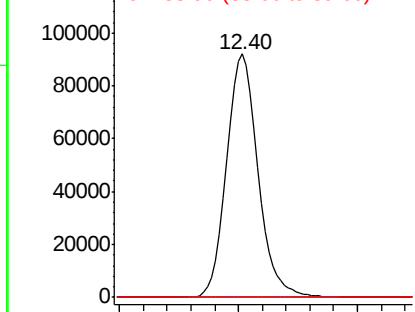
#81
trans-1,4-Dichloro-2-butene
Concen: 111.280 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN057569.D
Acq: 29 Aug 2019 23:50

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 75 Resp: 168462
Ion Ratio Lower Upper
75 100
53 0.0 82.7 124.1#
89 0.0 35.8 53.8#

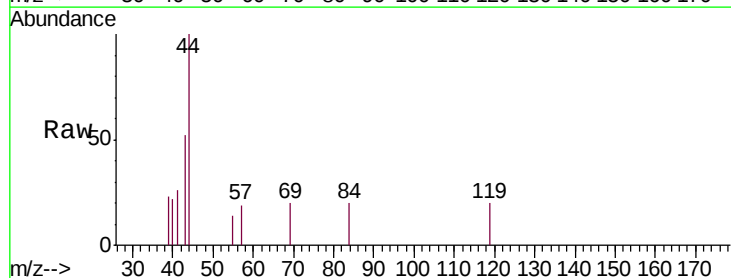


Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 88.90 (88.60 to 89.60): VN0

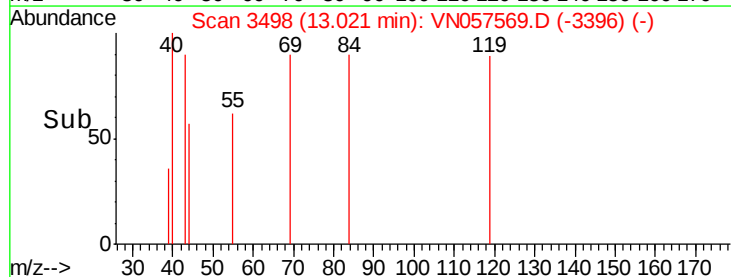
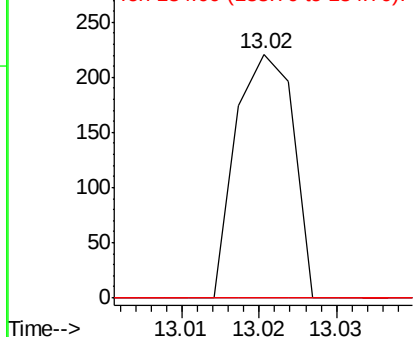


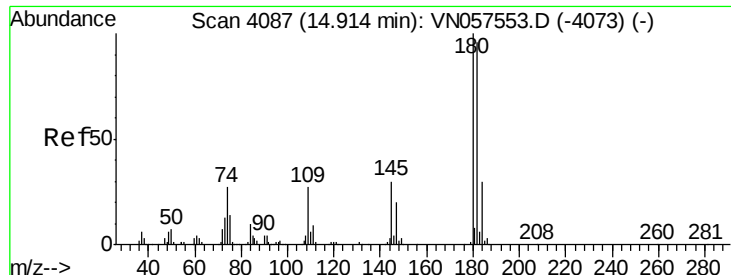
#83
tert-Butylbenzene
Concen: Below Cal
RT: 13.02 min Scan# 3498
Delta R.T. 0.03 min
Lab File: VN057569.D
Acq: 29 Aug 2019 23:50

Tgt Ion: 119 Resp: 114
Ion Ratio Lower Upper
119 100
91 0.0 37.0 111.0#
134 0.0 12.2 36.6#



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VN0
Ion 134.00 (133.70 to 134.70): V





#93

1,2,4-Trichlorobenzene

Concen: 3.821 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. -0.01 min

Lab File: VN057569.D

Acq: 29 Aug 2019 23:50

Instrument :

MSVOA_N

ClientSampleId :

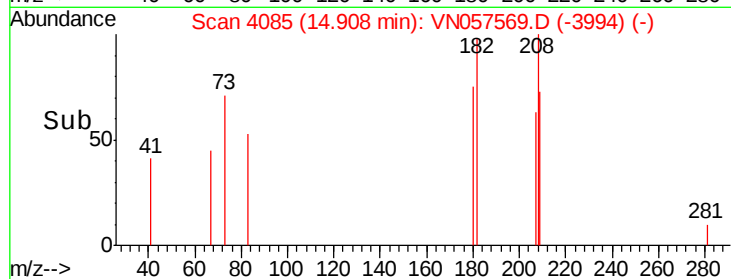
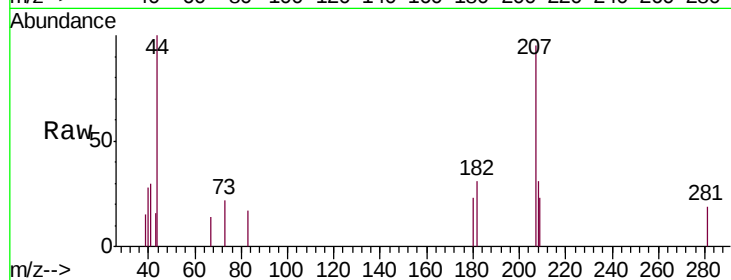
Tot Ion:180 Resp: 129

Ion Ratio Lower Upper

180 100

182 405.4 46.7 140.1#

145 0.0 15.6 46.8#



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

