

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082919\
 Data File : VN057570.D
 Acq On : 30 Aug 2019 00:16
 Operator : JC/SP
 Sample : K4529-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 30 12:11:25 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

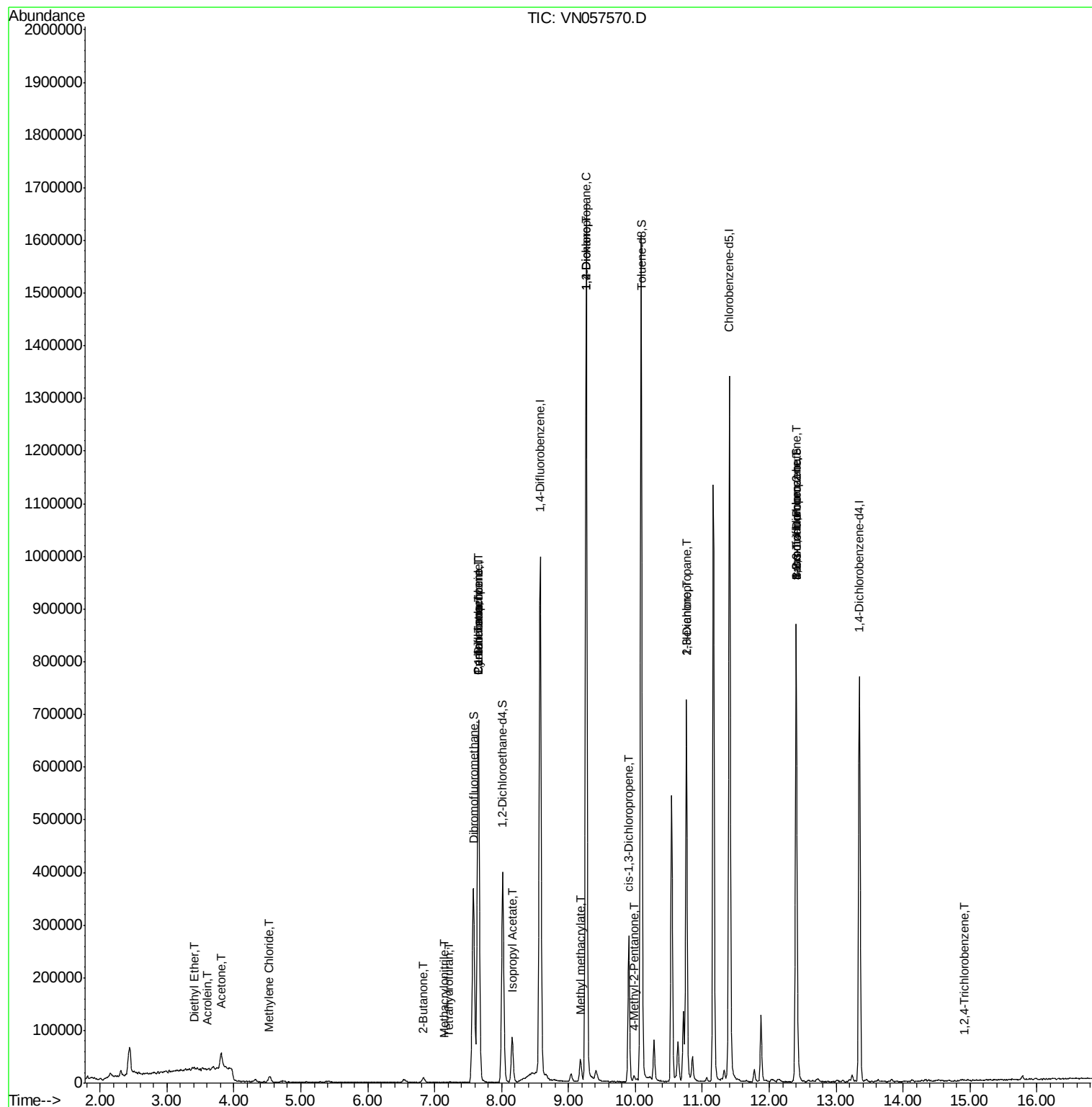
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	571464	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	893499	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	821988	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	217467	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	350656	39.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.04%	
35) Dibromofluoromethane	7.58	113	272735	35.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.32%	
50) Toluene-d8	10.08	98	1123633	39.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.28%	
62) 4-Bromofluorobenzene	12.40	95	309158	32.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.46%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.40	74	3183	0.488	ug/l	79
13) Acrolein	3.60	56	434	0.549	ug/l	90
16) Acetone	3.81	43	45746	12.099	ug/l	93
18) Methyl Acetate	4.32	43	8867	Below Cal	#	66
20) Methylene Chloride	4.53	84	7212	1.030	ug/l #	83
25) 2-Butanone	6.84	43	5738	1.923	ug/l #	80
29) Tetrahydrofuran	7.22	42	496	0.266	ug/l #	50
31) Cyclohexane	7.65	56	12208	1.124	ug/l #	13
36) 1,1-Dichloropropene	7.65	75	42370	4.384	ug/l #	52
38) Carbon Tetrachloride	7.65	117	55648	4.923	ug/l #	16
41) Methacrylonitrile	7.15	41	64	1.288	ug/l #	17
43) Isopropyl Acetate	8.16	43	100837	8.436	ug/l #	96
45) 1,2-Dichloropropane	9.27	63	1975	0.286	ug/l #	44
48) Methyl methacrylate	9.17	41	5832	1.033	ug/l #	15
49) 1,4-Dioxane	9.27	88	261	2.533	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	6689	1.047	ug/l #	84
54) cis-1,3-Dichloropropene	9.90	75	51561	4.405	ug/l #	58
57) 1,3-Dichloropropane	10.76	76	8559	0.726	ug/l #	43
59) 2-Hexanone	10.76	43	100911	22.879	ug/l #	57
71) Bromoform	12.40	173	1943	0.358	ug/l #	1
73) Isopropylbenzene	12.25	105	152	Below Cal	#	50
74) N-amyl acetate	12.03	43	1963	Below Cal	#	59
75) 1,1,2,2-Tetrachloroethane	12.40	83	353	Below Cal	#	58
76) 1,2,3-Trichloropropane	12.40	75	171186	42.287	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	171186	118.365	ug/l #	8
83) tert-Butylbenzene	12.99	119	33	Below Cal	#	22
93) 1,2,4-Trichlorobenzene	14.92	180	541	3.949	ug/l	86

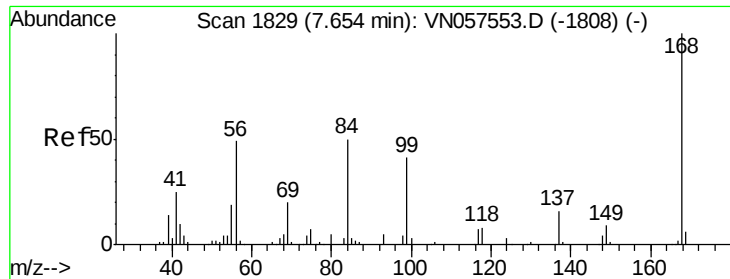
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 30 08:56:38 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN057570.D

Acq: 30 Aug 2019 00:16

Instrument :

MSVOA_N

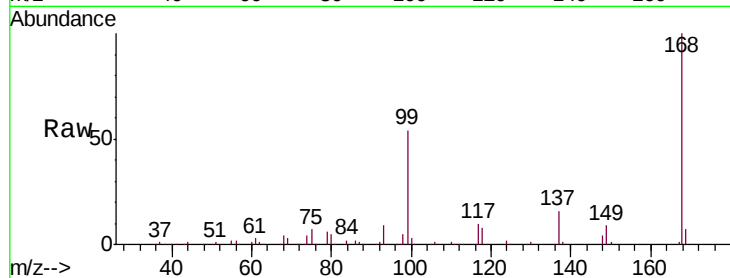
ClientSampled :

Tot Ion:168 Resp: 571464

Ion Ratio Lower Upper

168 100

99 54.3 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

250000

200000

150000

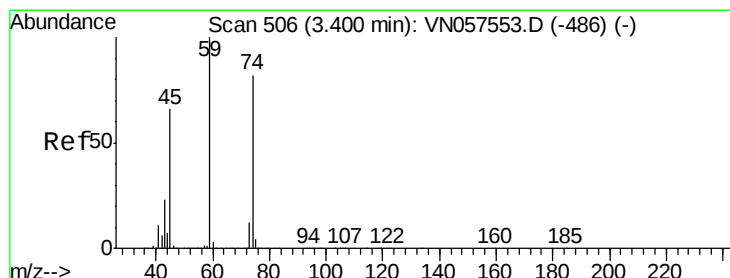
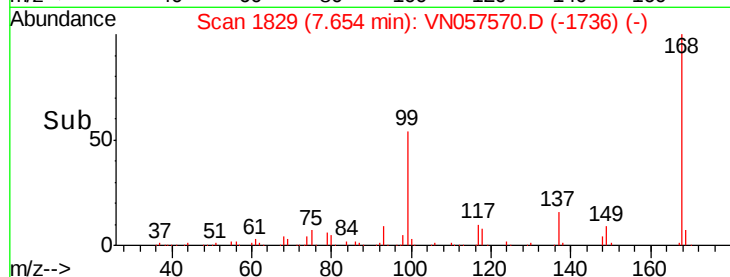
100000

50000

0

7.60 7.70 7.80

Time-->



#8

Diethyl Ether

Concen: 0.488 ug/l

RT: 3.40 min Scan# 505

Delta R.T. -0.00 min

Lab File: VN057570.D

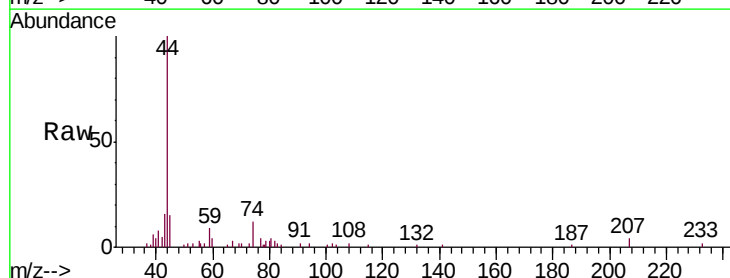
Acq: 30 Aug 2019 00:16

Tgt Ion: 74 Resp: 3183

Ion Ratio Lower Upper

74 100

45 92.7 57.9 173.6



Abundance Ion 74.00 (73.70 to 74.70): VN

Ion 45.00 (44.70 to 45.70): VN

3.40

2000

1500

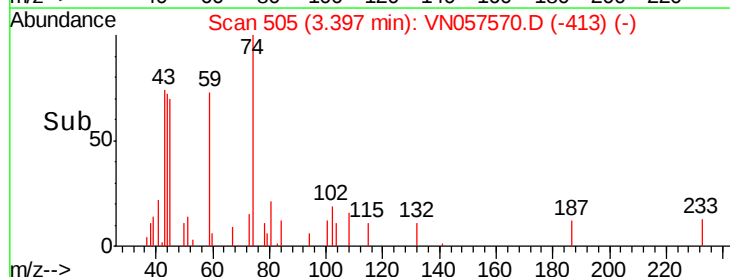
1000

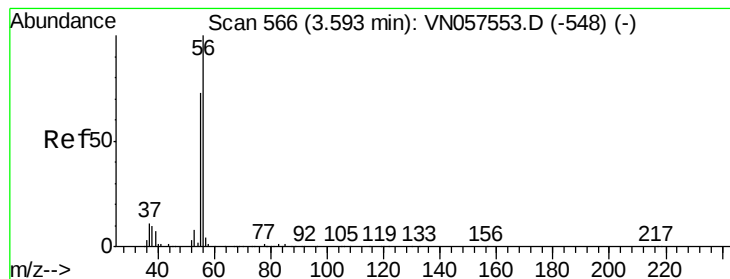
500

0

3.35 3.40 3.45

Time-->





#13

Acrolein

Concen: 0.549 ug/l

RT: 3.60 min Scan# 567

Delta R.T. 0.00 min

Lab File: VN057570.D

Acq: 30 Aug 2019 00:16

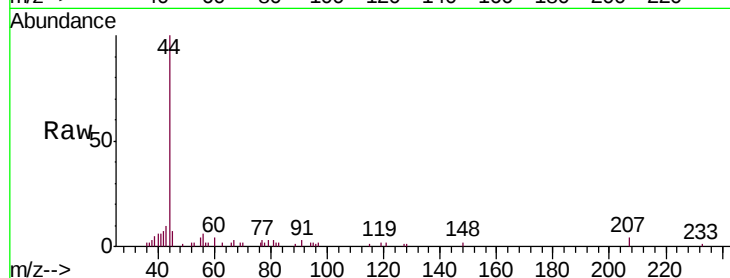
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 434

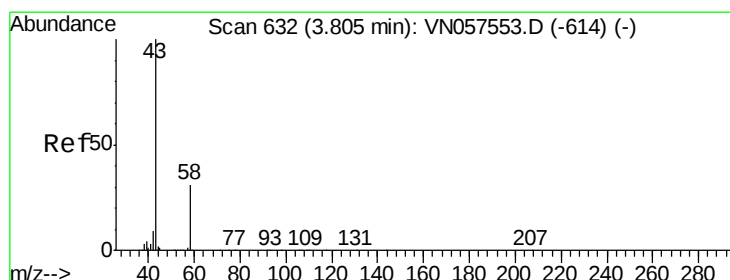
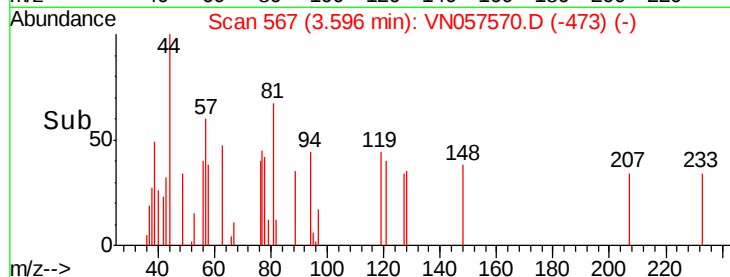
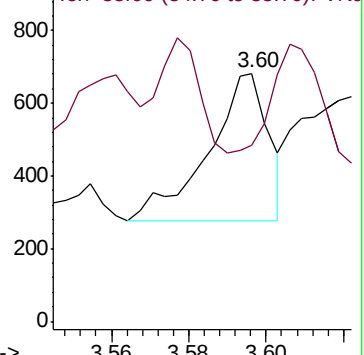
Ion Ratio Lower Upper

56 100

55 65.4 59.0 88.4



Abundance Ion 56.00 (55.70 to 56.70): VN057553.D (-548) (-)



#16

Acetone

Concen: 12.099 ug/l

RT: 3.81 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN057570.D

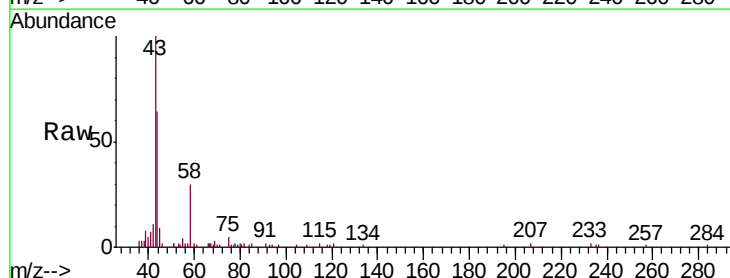
Acq: 30 Aug 2019 00:16

Tgt Ion: 43 Resp: 45746

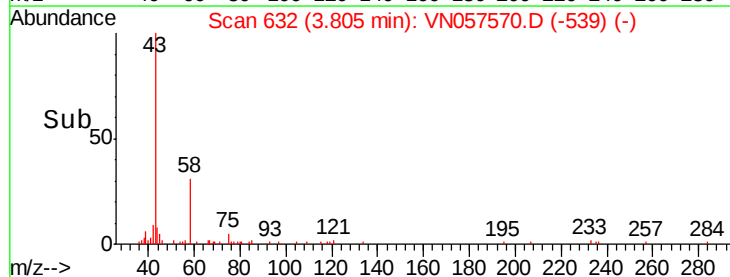
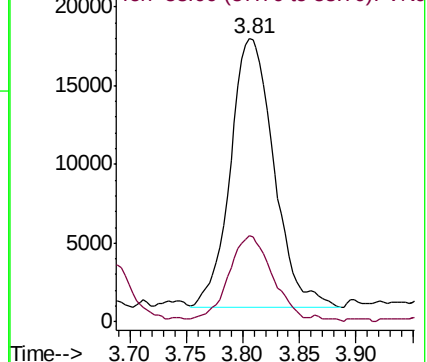
Ion Ratio Lower Upper

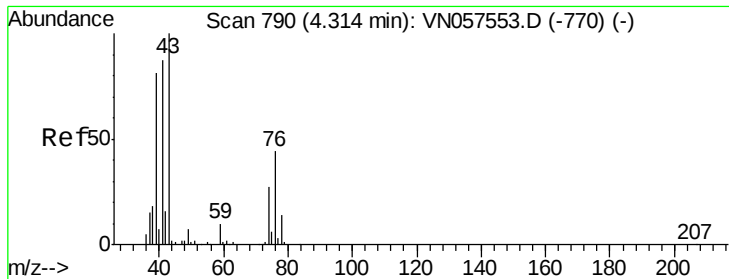
43 100

58 31.1 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN057553.D (-614) (-)





#18

Methyl Acetate

Concen: Below Cal

RT: 4.32 min Scan# 792

Delta R.T. 0.01 min

Lab File: VN057570.D

Acq: 30 Aug 2019 00:16

Instrument :

MSVOA_N

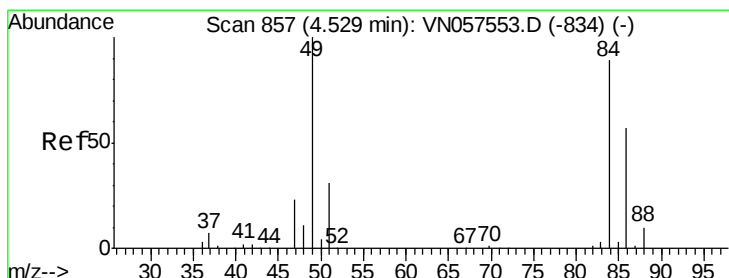
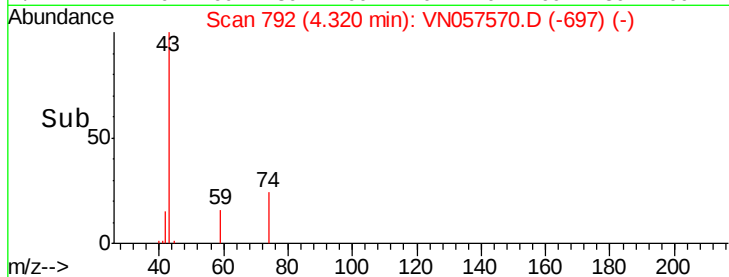
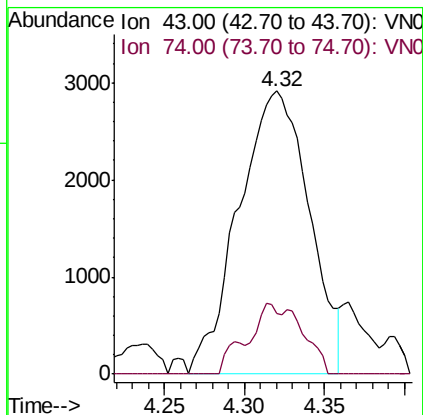
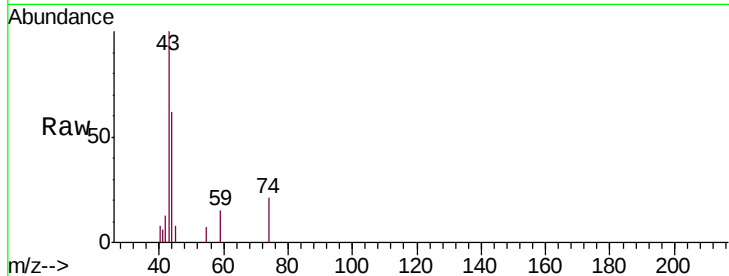
ClientSampled :

Tot Ion: 43 Resp: 8867

Ion Ratio Lower Upper

43 100

74 4.4 15.9 23.9#



#20

Methylene Chloride

Concen: 1.030 ug/l

RT: 4.53 min Scan# 857

Delta R.T. -0.00 min

Lab File: VN057570.D

Acq: 30 Aug 2019 00:16

Tgt Ion: 84 Resp: 7212

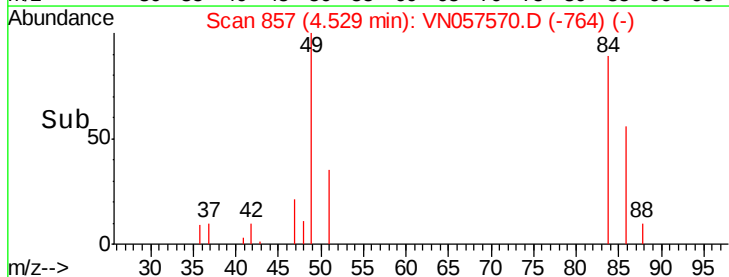
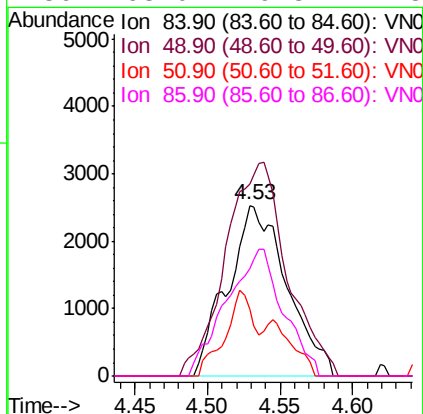
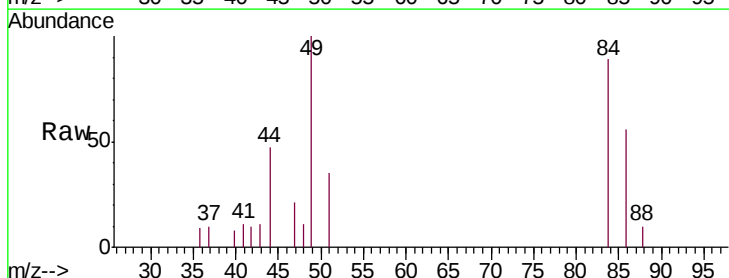
Ion Ratio Lower Upper

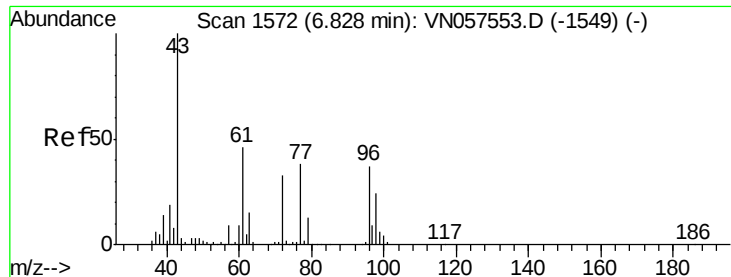
84 100

49 112.2 117.0 175.4#

51 38.7 35.5 53.3

86 63.0 49.8 74.8





#25

2-Butanone

Concen: 1.923 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.01 min

Lab File: VN057570.D

Acq: 30 Aug 2019 00:16

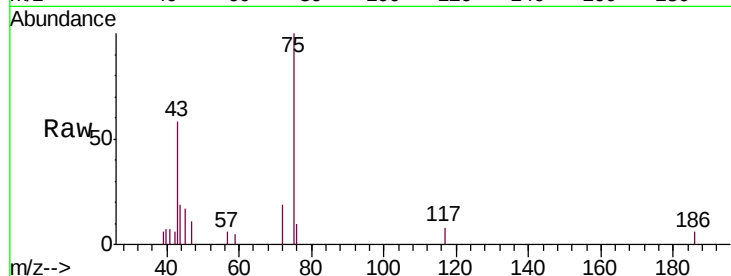
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 5738

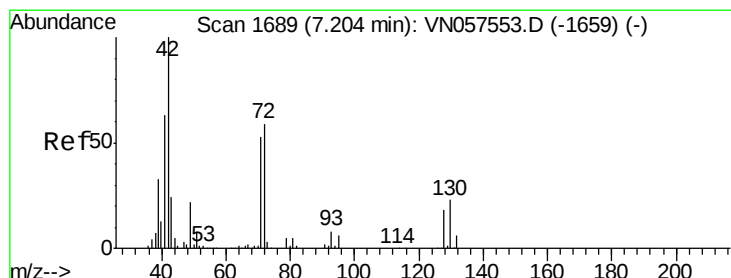
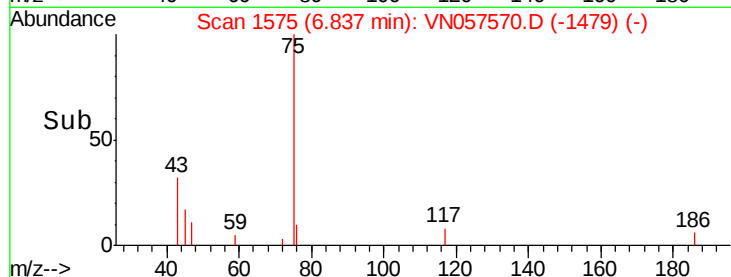
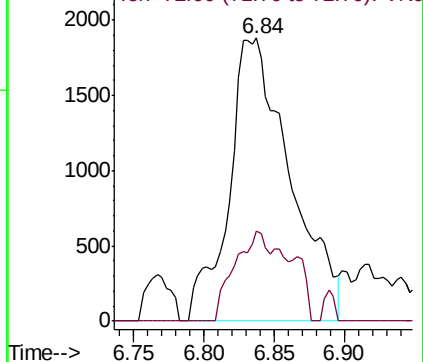
Ion Ratio Lower Upper

43 100

72 32.0 17.8 26.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0



#29

Tetrahydrofuran

Concen: 0.266 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VN057570.D

Acq: 30 Aug 2019 00:16

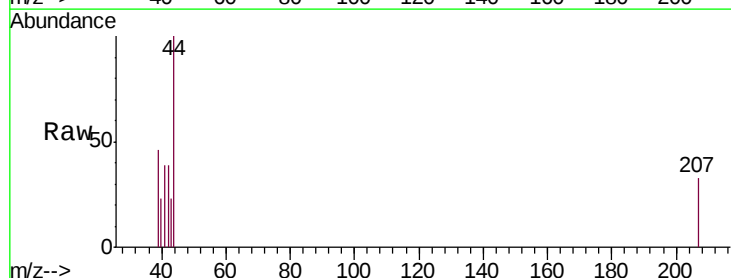
Tgt Ion: 42 Resp: 496

Ion Ratio Lower Upper

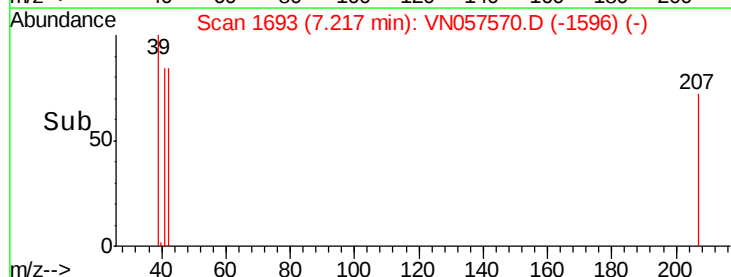
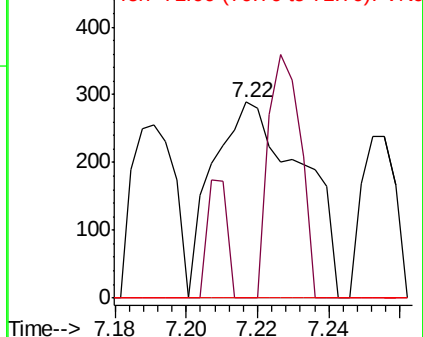
42 100

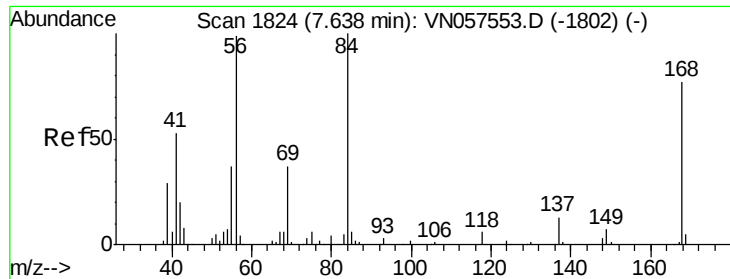
72 13.5 30.1 45.1#

71 0.0 28.8 43.2#



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

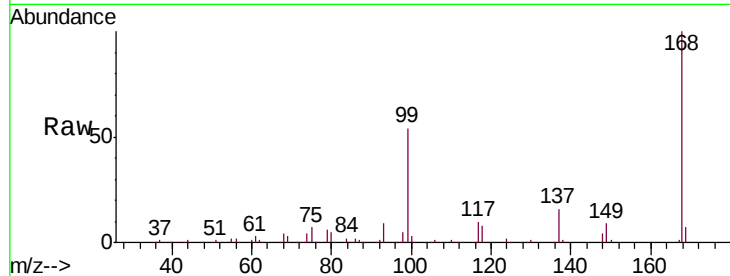




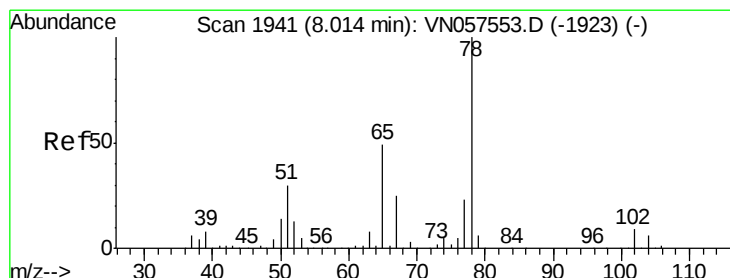
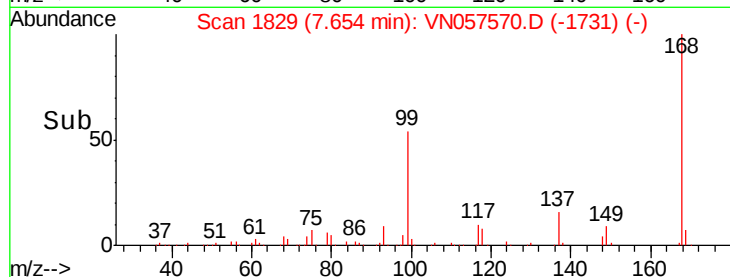
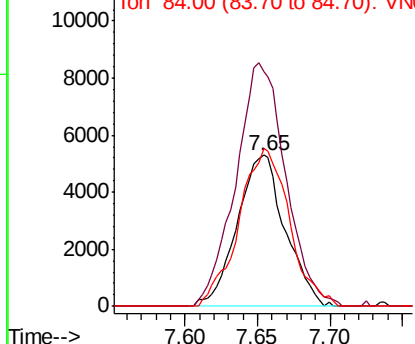
#31
Cyclohexane
Concen: 1.124 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.02 min
Lab File: VN057570.D
Acq: 30 Aug 2019 00:16

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 12208
Ion Ratio Lower Upper
56 100
69 155.7 25.0 37.6#
84 105.0 62.5 93.7#

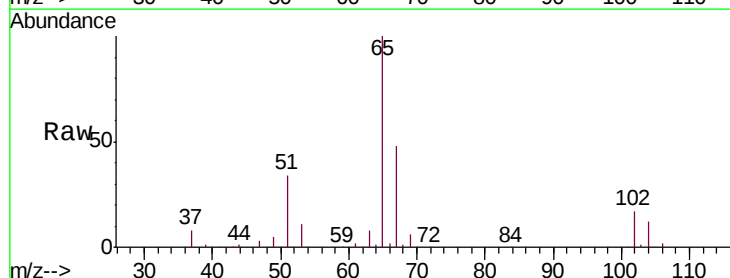


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

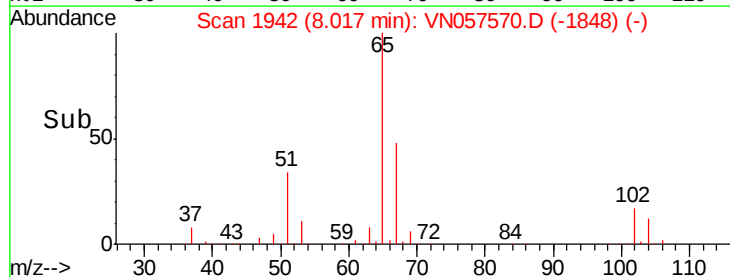
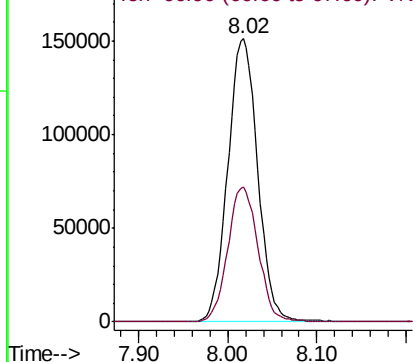


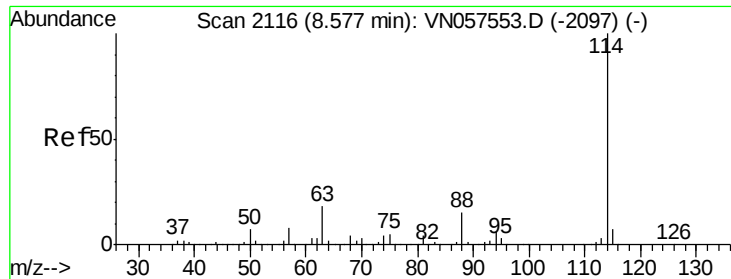
#33
1,2-Dichloroethane-d4
Concen: 39.021 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. 0.00 min
Lab File: VN057570.D
Acq: 30 Aug 2019 00:16

Tgt Ion: 65 Resp: 350656
Ion Ratio Lower Upper
65 100
67 48.5 0.0 103.8



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

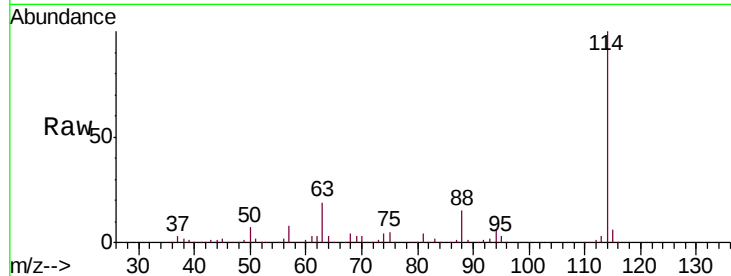




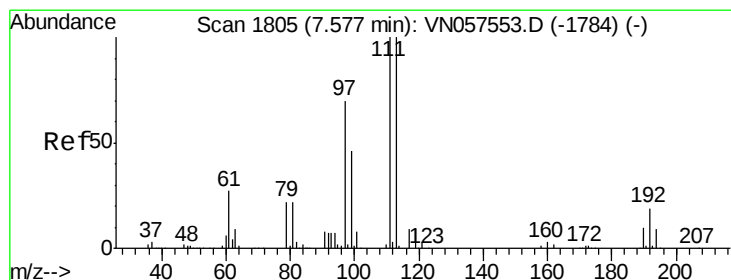
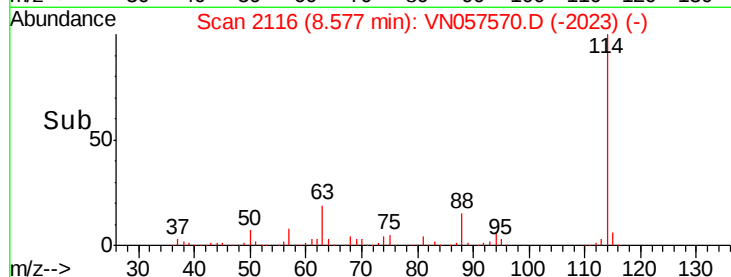
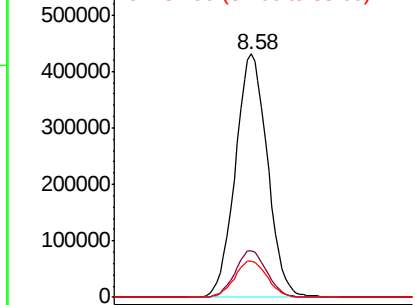
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2116
Delta R.T. -0.00 min
Lab File: VN057570.D
Acq: 30 Aug 2019 00:16

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:114 Resp: 893499
Ion Ratio Lower Upper
114 100
63 19.4 0.0 50.2
88 15.0 0.0 34.6

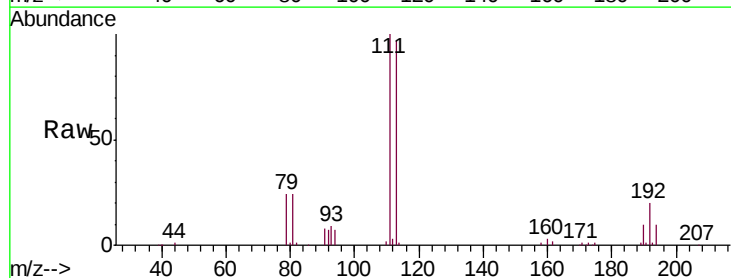


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

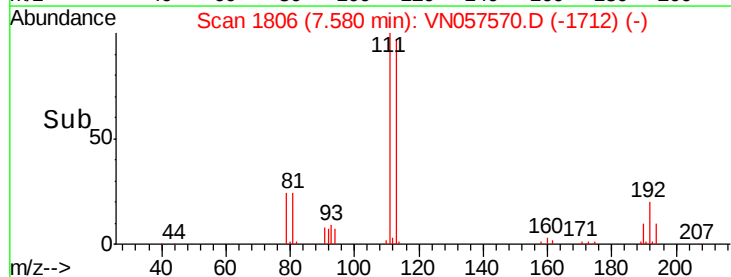
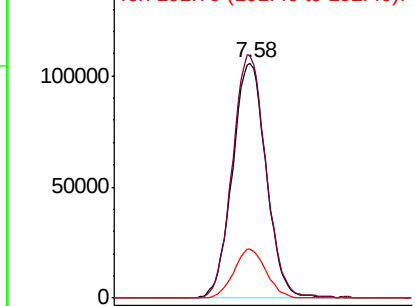


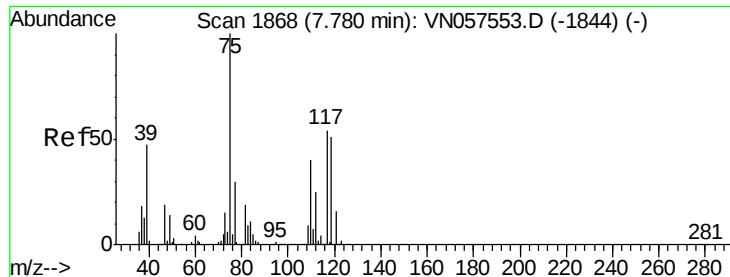
#35
Dibromofluoromethane
Concen: 35.164 ug/l
RT: 7.58 min Scan# 1806
Delta R.T. 0.00 min
Lab File: VN057570.D
Acq: 30 Aug 2019 00:16

Tgt Ion:113 Resp: 272735
Ion Ratio Lower Upper
113 100
111 102.9 83.8 125.6
192 19.9 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

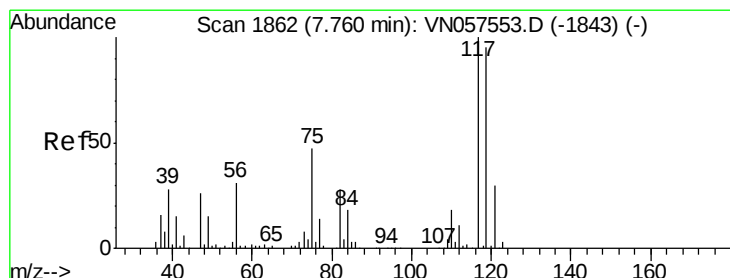
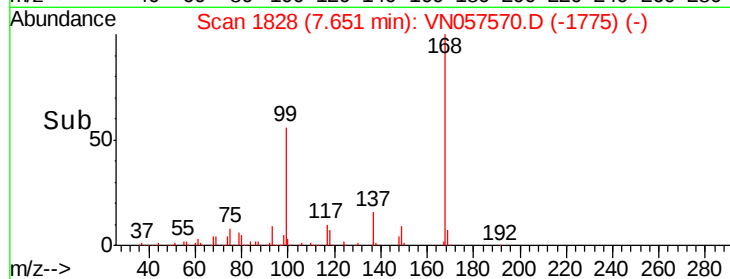
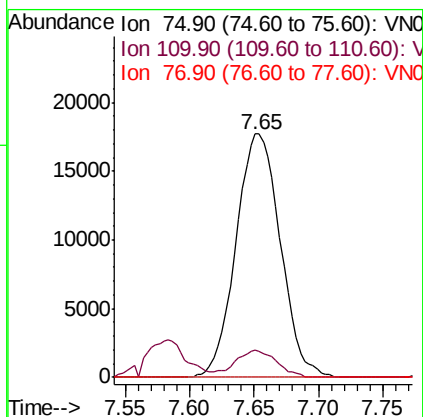
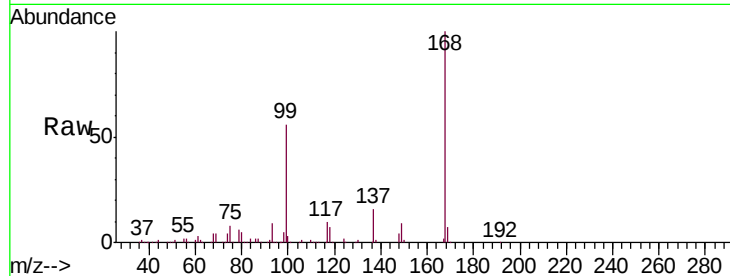




#36
 1,1-Dichloropropene
 Concen: 4.384 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN057570.D
 Acq: 30 Aug 2019 00:16

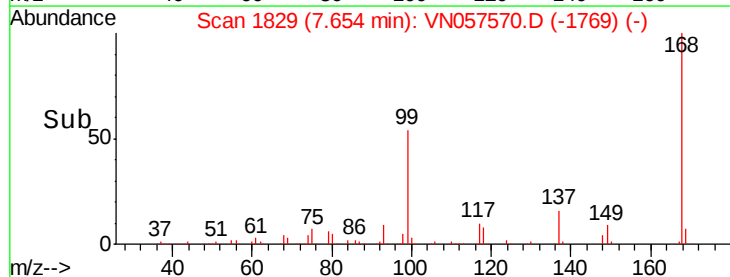
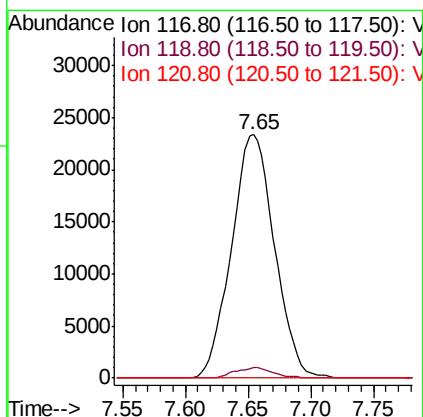
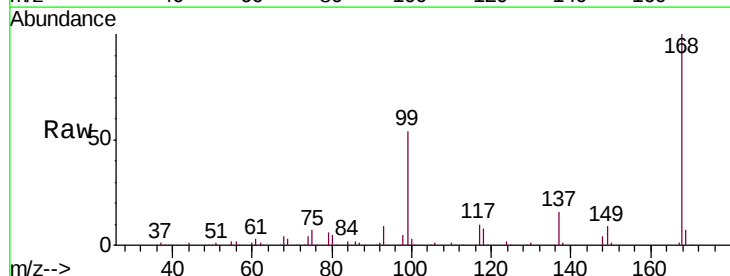
Instrument :
 MSVOA_N
 ClientSampled :

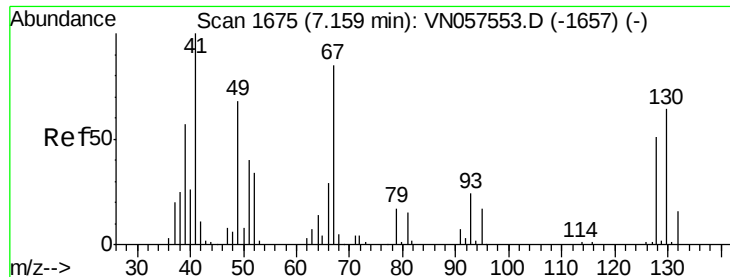
Tot Ion	75	Resp	42370
Ion Ratio	100	Lower	Upper
75	100		
110	10.2	16.1	48.3#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 4.923 ug/l
 RT: 7.65 min Scan# 1829
 Delta R.T. -0.11 min
 Lab File: VN057570.D
 Acq: 30 Aug 2019 00:16

Tgt Ion	117	Resp	55648
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	4.2	76.2	114.4#
121	0.0	23.8	35.6#

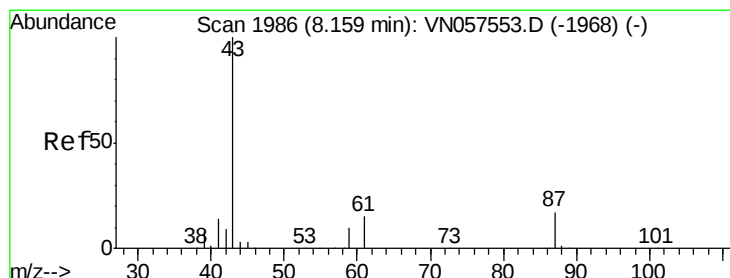
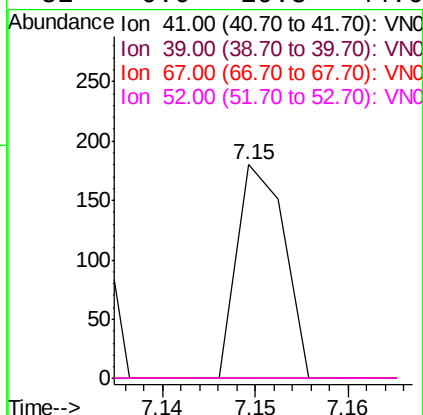
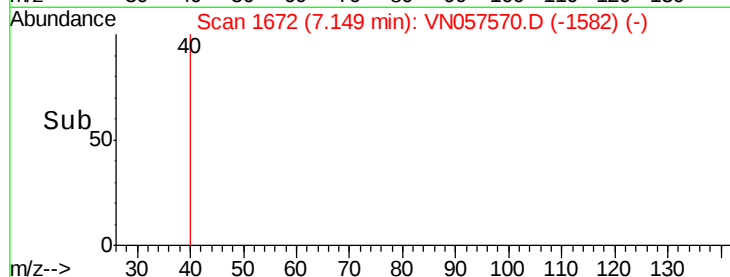
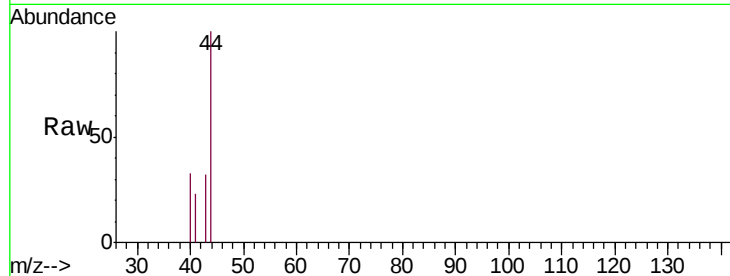




#41
Methacrylonitrile
Concen: 1.288 ug/l
RT: 7.15 min Scan# 1672
Delta R.T. -0.01 min
Lab File: VN057570.D
Acq: 30 Aug 2019 00:16

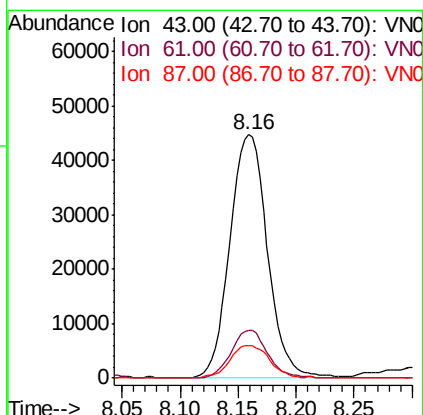
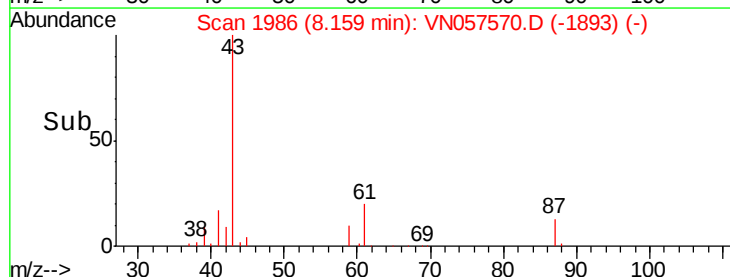
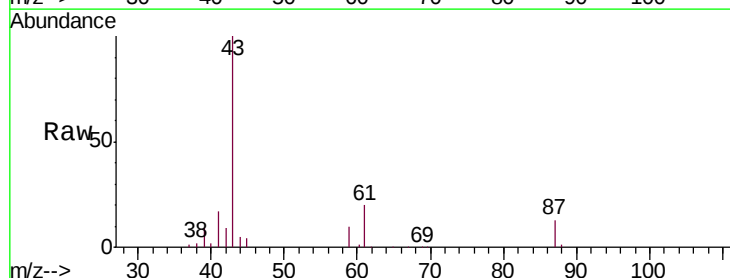
Instrument :
MSVOA_N
ClientSampled :

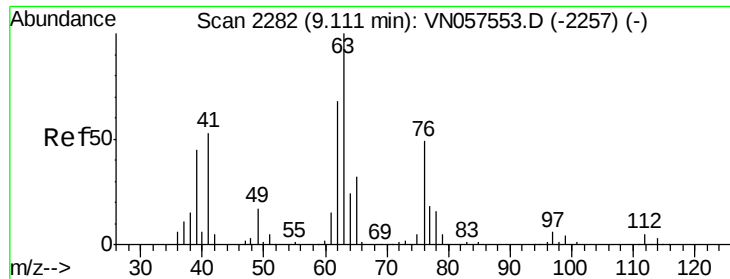
Tot Ion: 41 Resp: 64
Ion Ratio Lower Upper
41 100
39 0.0 53.6 80.4#
67 0.0 65.4 98.2#
52 0.0 29.8 44.6#



#43
Isopropyl Acetate
Concen: 8.436 ug/l
RT: 8.16 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VN057570.D
Acq: 30 Aug 2019 00:16

Tgt Ion: 43 Resp: 100837
Ion Ratio Lower Upper
43 100
61 18.8 14.5 21.7
87 14.0 8.6 12.8#





#45

1,2-Dichloropropane

Concen: 0.286 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.16 min

Lab File: VN057570.D

Acq: 30 Aug 2019 00:16

Instrument :

MSVOA_N

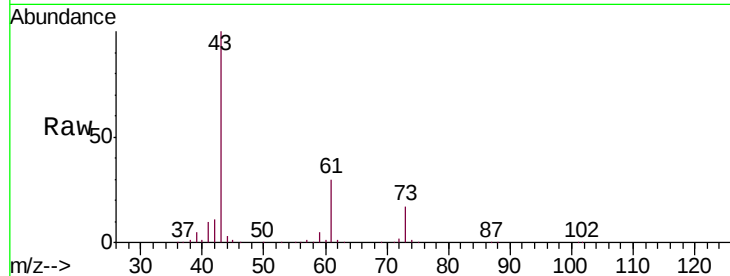
ClientSampleId :

Tot Ion: 63 Resp: 1975

Ion Ratio Lower Upper

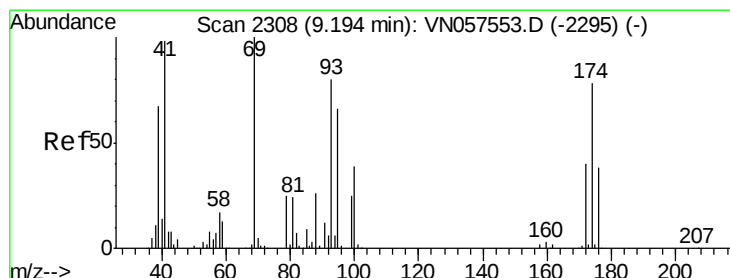
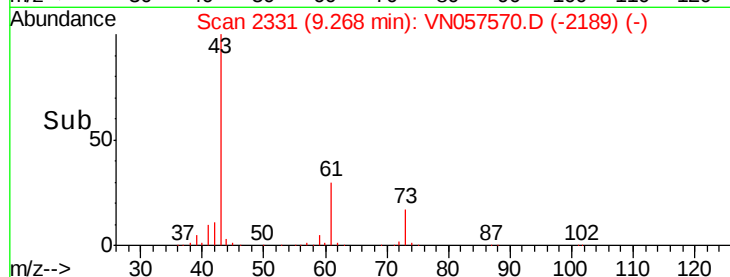
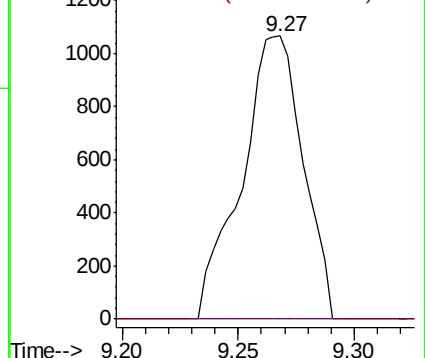
63 100

65 0.0 24.7 37.1#



Abundance Ion 62.90 (62.60 to 63.60): VNC

Ion 64.90 (64.60 to 65.60): VNC



#48

Methyl methacrylate

Concen: 1.033 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.02 min

Lab File: VN057570.D

Acq: 30 Aug 2019 00:16

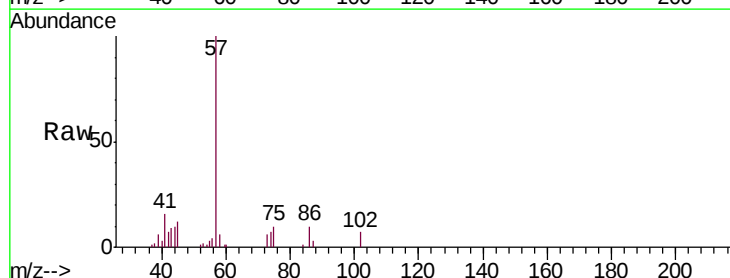
Tgt Ion: 41 Resp: 5832

Ion Ratio Lower Upper

41 100

69 0.0 59.3 88.9#

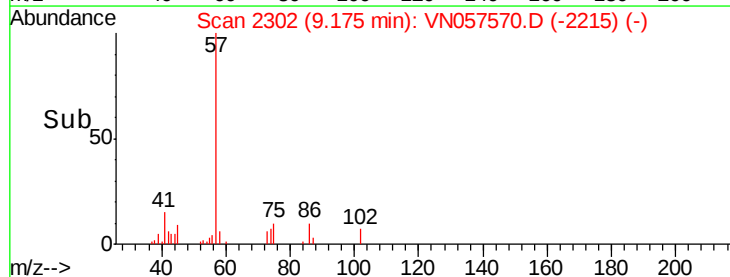
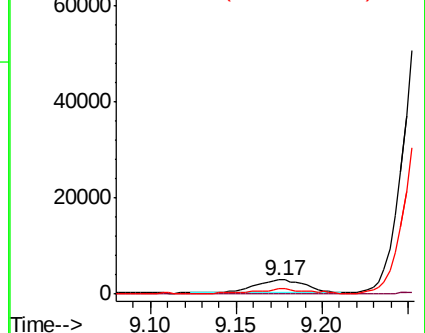
39 0.0 50.6 75.8#

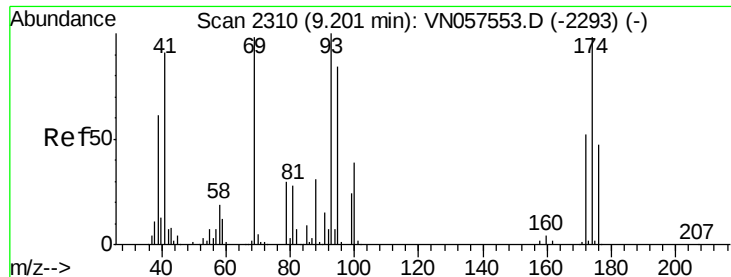


Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 69.00 (68.70 to 69.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

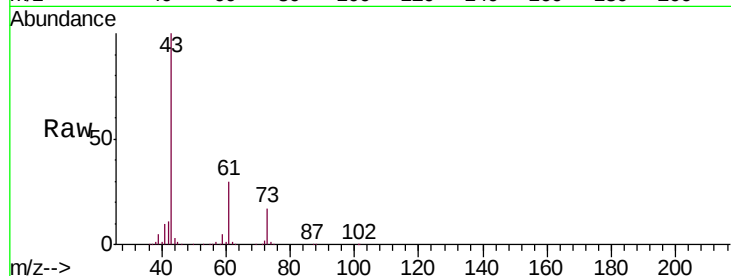




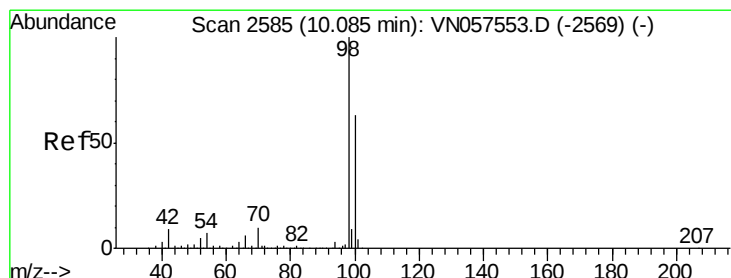
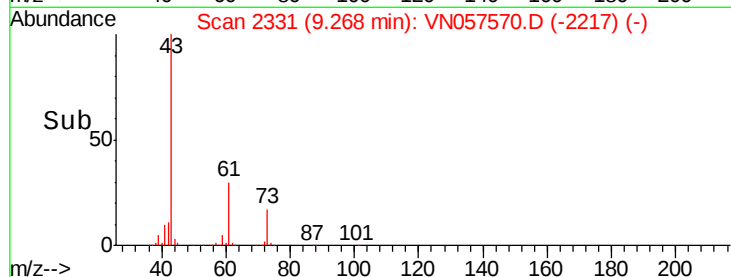
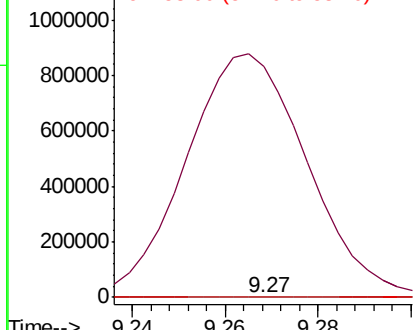
#49
 1,4-Dioxane
 Concen: 2.533 ug/l
 RT: 9.27 min Scan# 2331
 Delta R.T. 0.07 min
 Lab File: VN057570.D
 Acq: 30 Aug 2019 00:16

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 88 Resp: 261
 Ion Ratio Lower Upper
 88 100
 43 623071.6 31.0 46.6#
 58 2774.3 64.5 96.7#

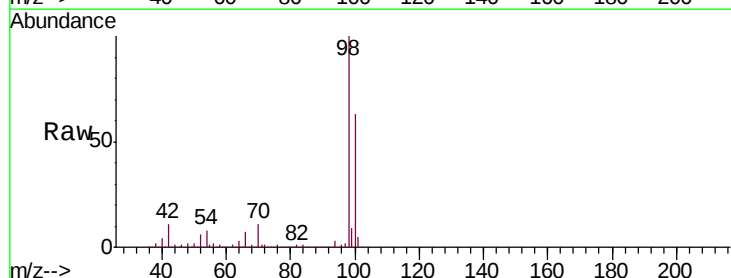


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

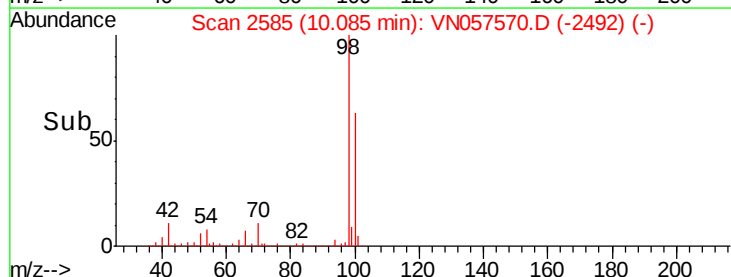
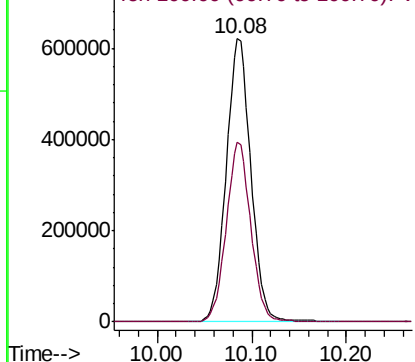


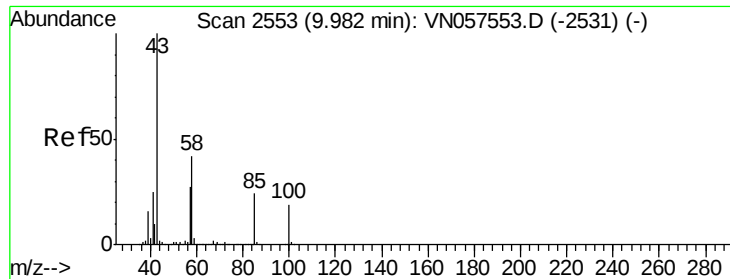
#50
 Toluene-d8
 Concen: 39.639 ug/l
 RT: 10.08 min Scan# 2585
 Delta R.T. -0.00 min
 Lab File: VN057570.D
 Acq: 30 Aug 2019 00:16

Tgt Ion: 98 Resp: 1123633
 Ion Ratio Lower Upper
 98 100
 100 63.2 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: 1.047 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.01 min

Lab File: VN057570.D

Acq: 30 Aug 2019 00:16

Instrument :

MSVOA_N

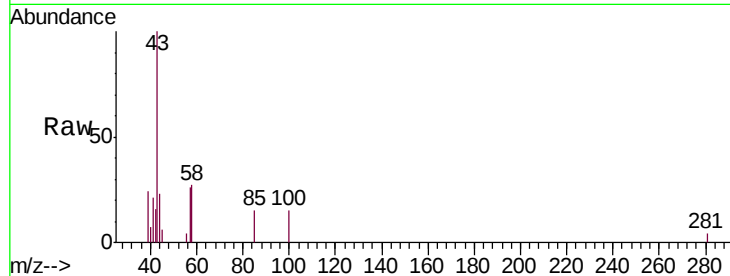
ClientSampleId :

Tot Ion: 43 Resp: 6689

Ion Ratio Lower Upper

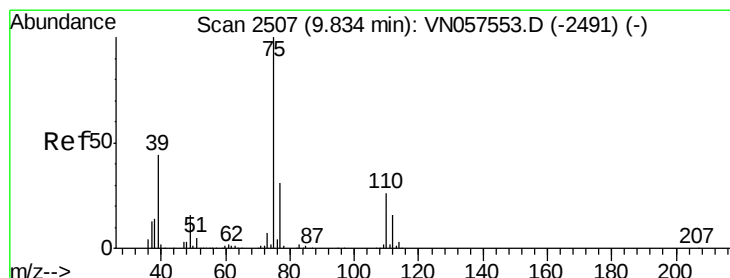
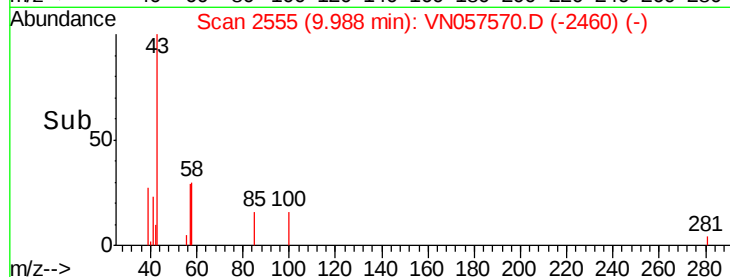
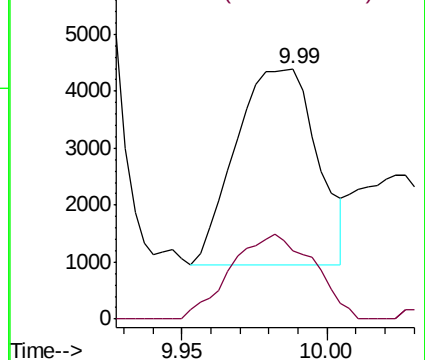
43 100

58 44.2 27.9 41.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 4.405 ug/l

RT: 9.90 min Scan# 2528

Delta R.T. 0.07 min

Lab File: VN057570.D

Acq: 30 Aug 2019 00:16

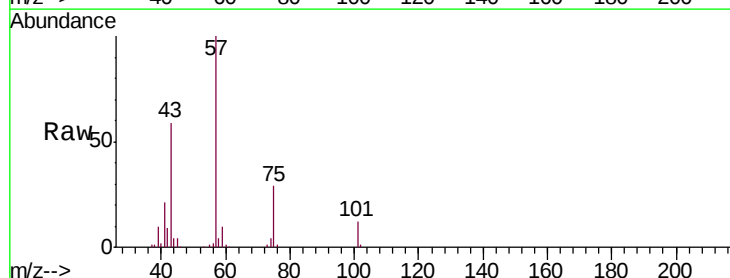
Tgt Ion: 75 Resp: 51561

Ion Ratio Lower Upper

75 100

77 0.0 25.0 37.6#

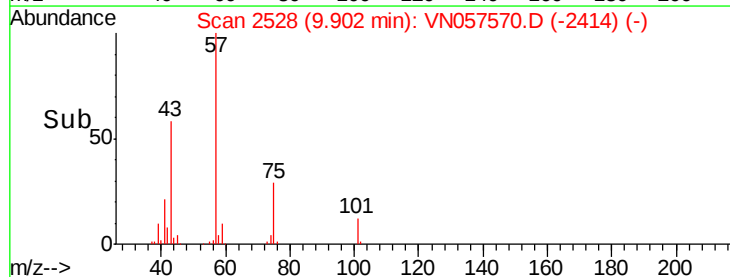
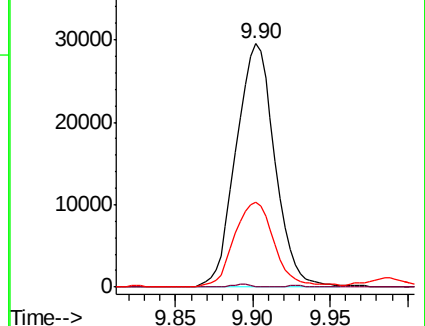
39 35.0 49.2 73.8#

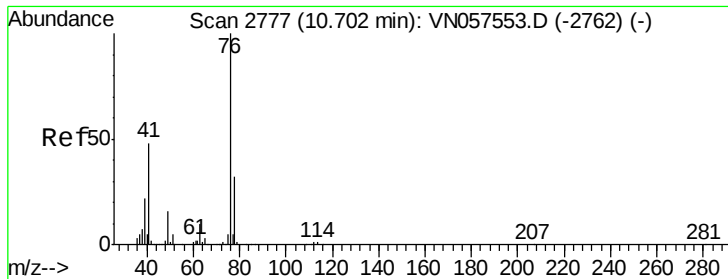


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

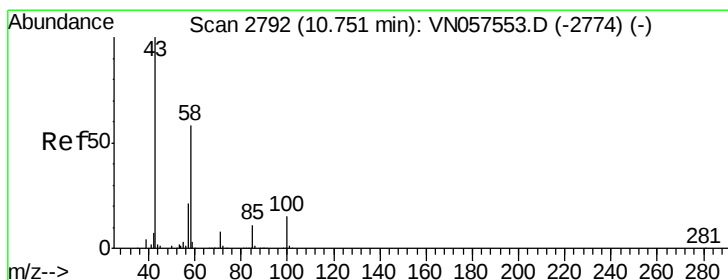
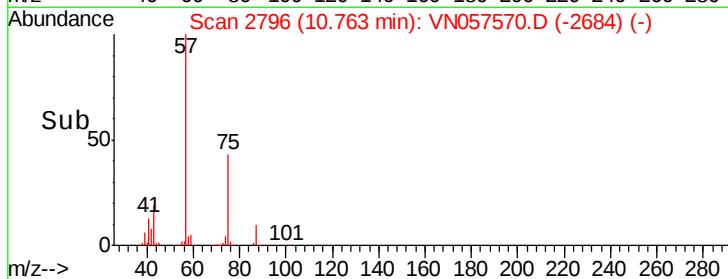
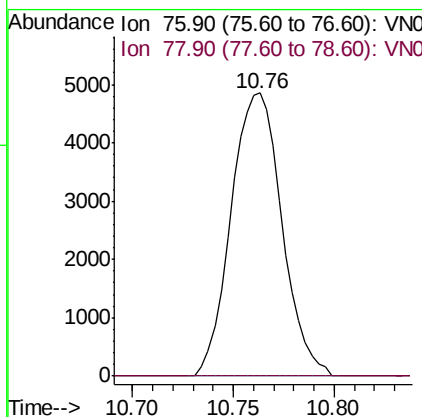
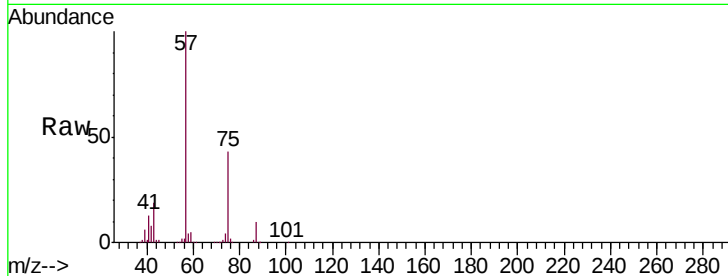




#57
 1,3-Dichloropropane
 Concen: 0.726 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN057570.D
 Acq: 30 Aug 2019 00:16

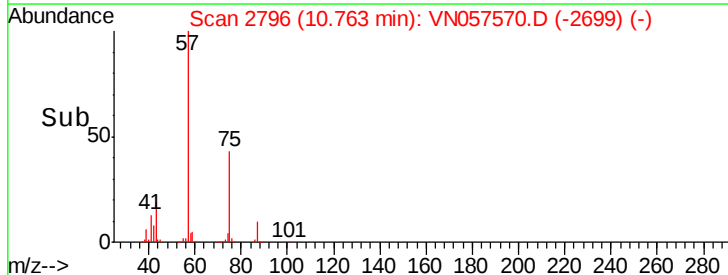
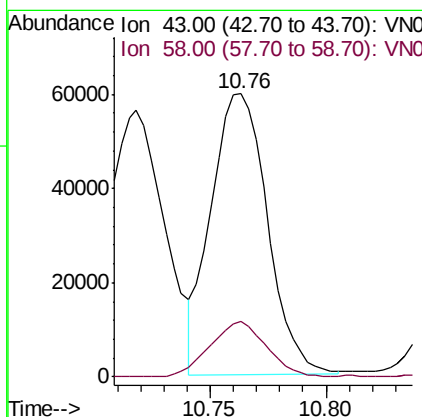
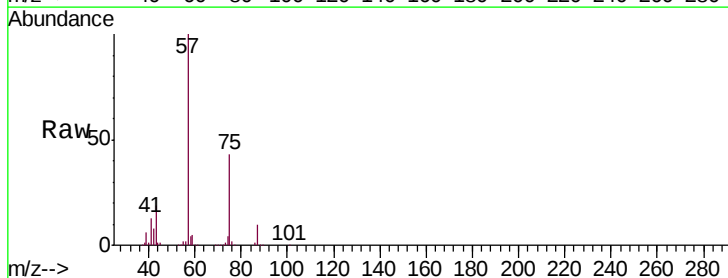
Instrument :
 MSVOA_N
 ClientSampled :

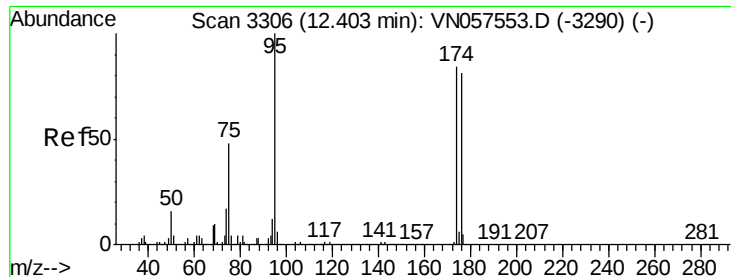
Tot Ion: 76 Resp: 8559
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.5 38.3#



#59
 2-Hexanone
 Concen: 22.879 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN057570.D
 Acq: 30 Aug 2019 00:16

Tgt Ion: 43 Resp: 100911
 Ion Ratio Lower Upper
 43 100
 58 19.8 24.6 73.6#





#62

4-Bromofluorobenzene

Concen: 32.231 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN057570.D

Acq: 30 Aug 2019 00:16

Instrument :

MSVOA_N

ClientSampleId :

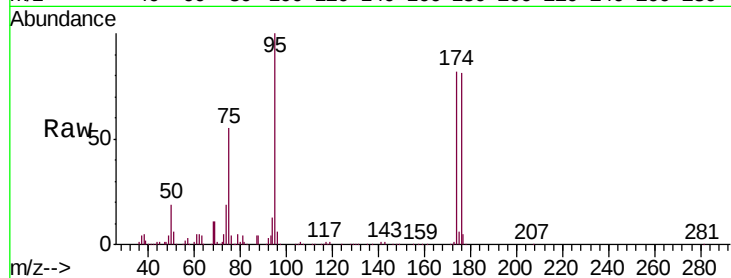
Tot Ion: 95 Resp: 309158

Ion Ratio Lower Upper

95 100

174 83.5 0.0 133.0

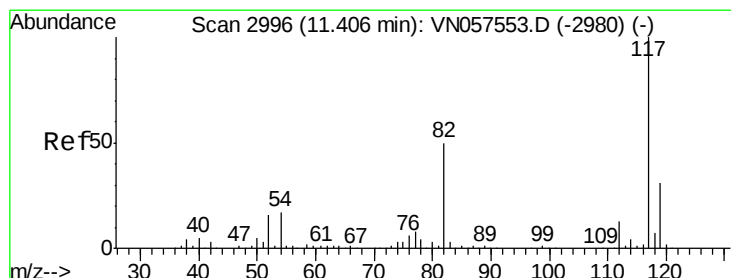
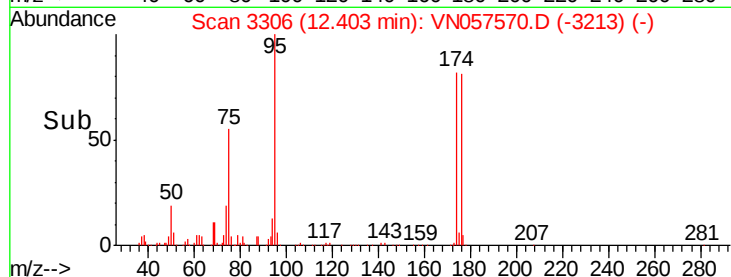
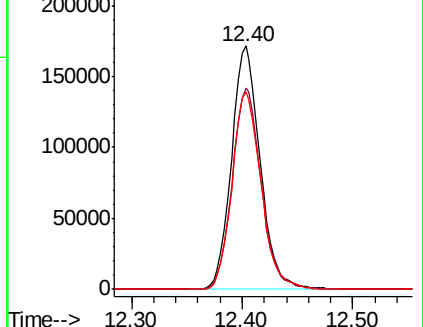
176 81.9 0.0 130.8



Abundance Ion 94.90 (94.60 to 95.60): VN057553.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN057553.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN057553.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN057570.D

Acq: 30 Aug 2019 00:16

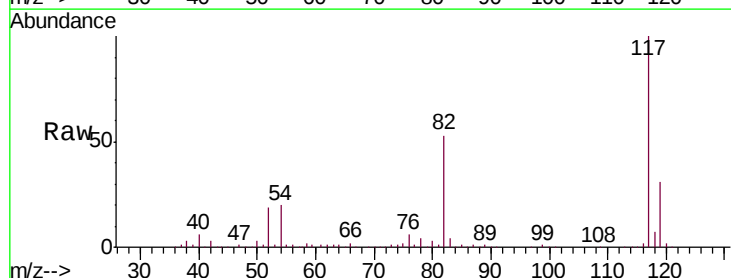
Tgt Ion: 117 Resp: 821988

Ion Ratio Lower Upper

117 100

82 53.1 50.6 75.8

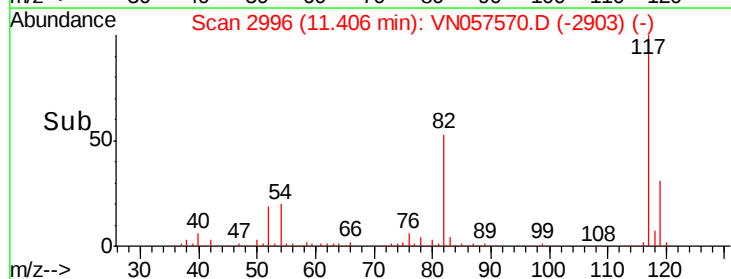
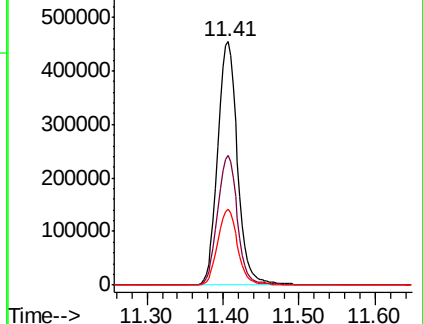
119 31.1 24.6 36.8

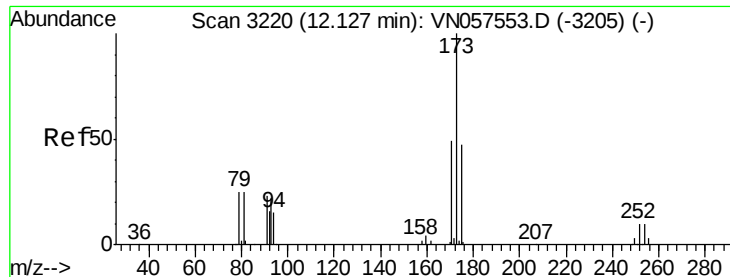


Abundance Ion 116.90 (116.60 to 117.60): VN057553.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN057553.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN057553.D (-2980) (-)

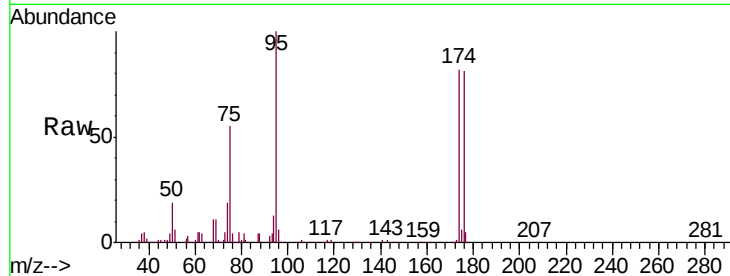




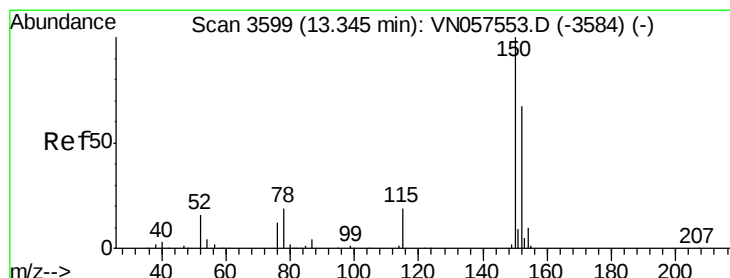
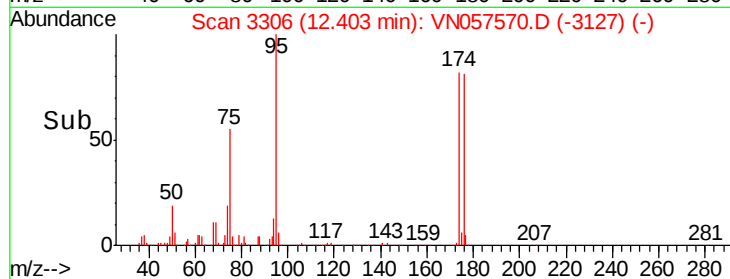
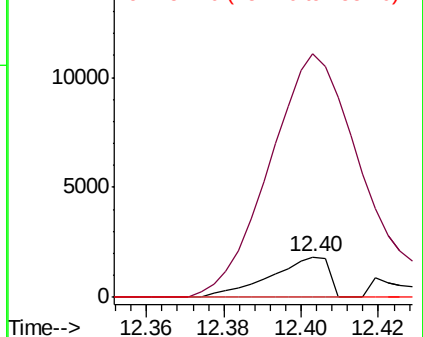
#71
Bromoform
Concen: 0.358 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN057570.D
Acq: 30 Aug 2019 00:16

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:173 Resp: 1943
Ion Ratio Lower Upper
173 100
175 765.0 23.9 71.8#
254 0.0 0.1 0.1#

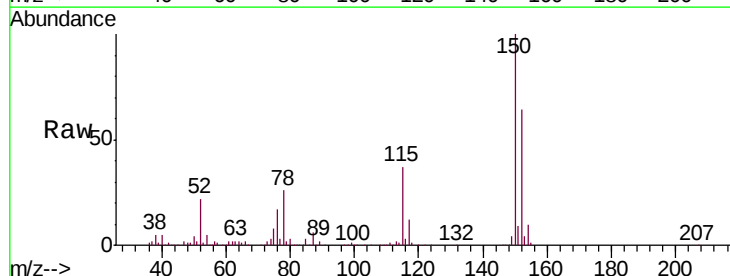


Abundance Ion 172.70 (172.40 to 173.40): V
15000 Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

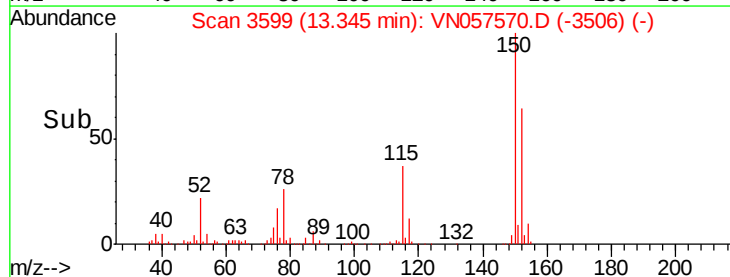
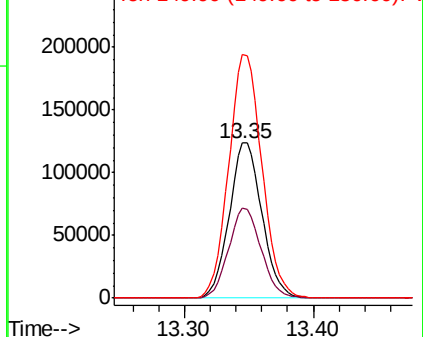


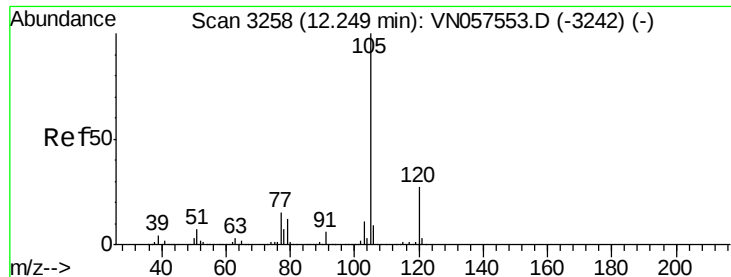
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN057570.D
Acq: 30 Aug 2019 00:16

Tgt Ion:152 Resp: 217467
Ion Ratio Lower Upper
152 100
115 57.5 32.0 96.0
150 159.2 0.0 346.6



Abundance Ion 151.90 (151.60 to 152.60): V
250000 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# 3259

Delta R.T. 0.00 min

Lab File: VN057570.D

Acq: 30 Aug 2019 00:16

Instrument :

MSVOA_N

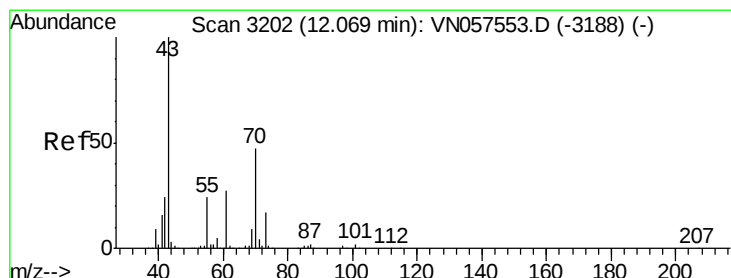
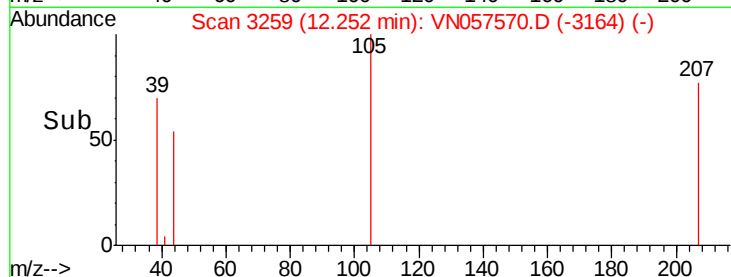
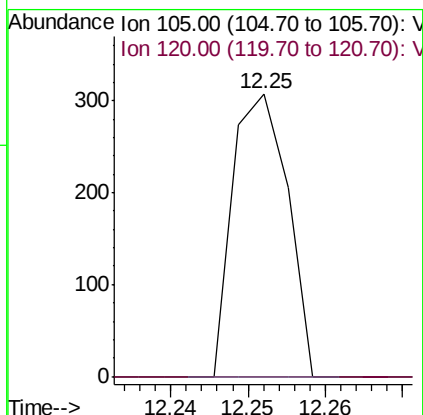
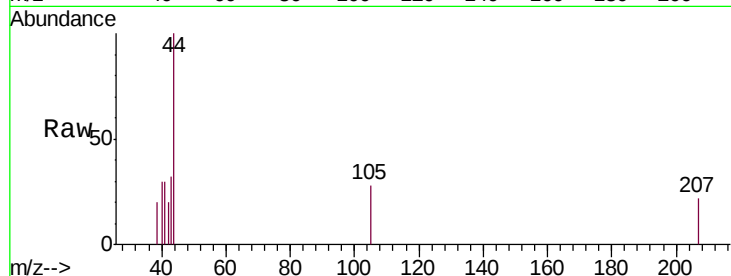
ClientSampleId :

Tot Ion:105 Resp: 152

Ion Ratio Lower Upper

105 100

120 0.0 12.7 38.0#



#74

N-ethyl acetate

Concen: Below Cal

RT: 12.03 min Scan# 3189

Delta R.T. -0.04 min

Lab File: VN057570.D

Acq: 30 Aug 2019 00:16

Tgt Ion: 43 Resp: 1963

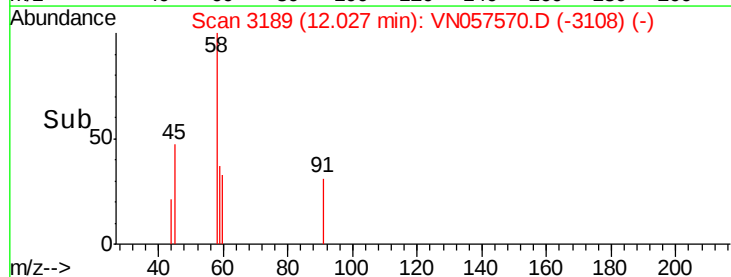
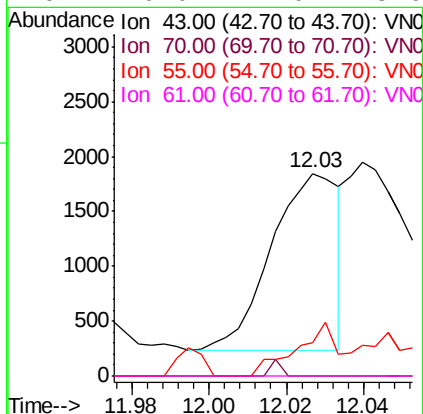
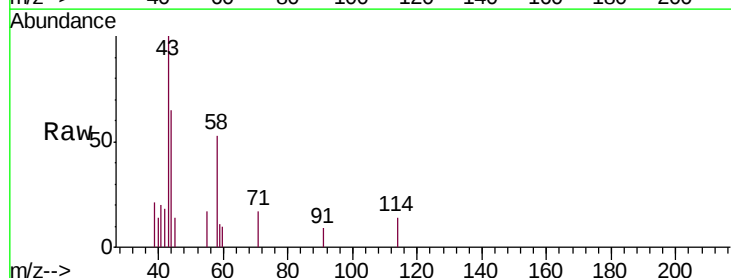
Ion Ratio Lower Upper

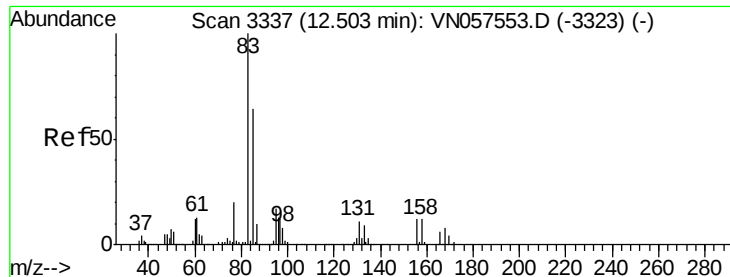
43 100

70 0.0 27.8 41.6#

55 19.3 17.0 25.4

61 0.0 17.0 25.6#





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3306

Delta R.T. -0.10 min

Lab File: VN057570.D

Acq: 30 Aug 2019 00:16

Instrument :

MSVOA_N

ClientSampled :

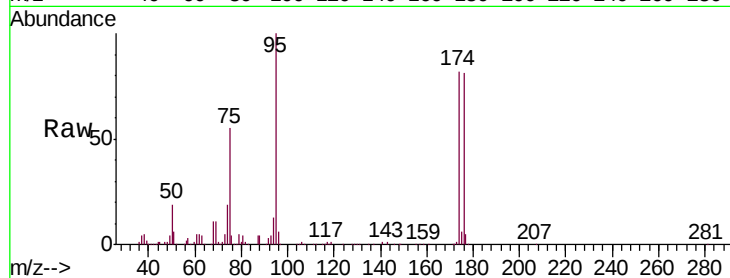
Tot Ion: 83 Resp: 353

Ion Ratio Lower Upper

83 100

131 77.3 4.3 13.1#

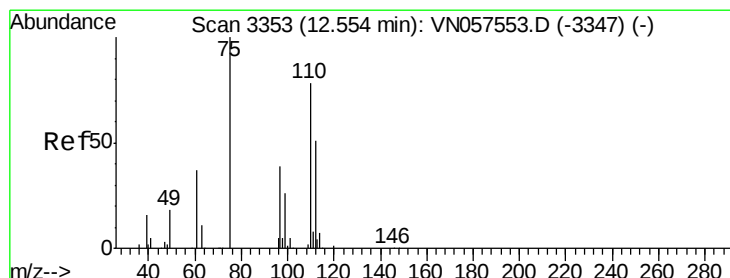
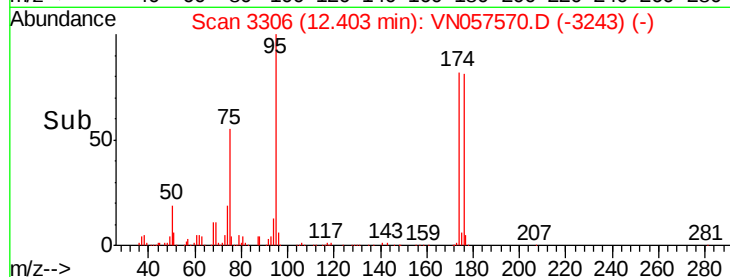
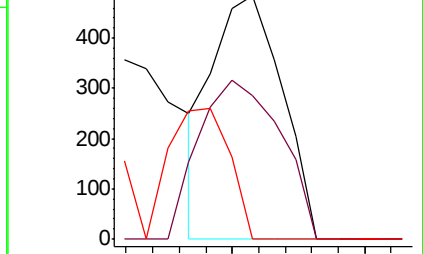
85 47.0 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VNC

Ion 130.80 (130.50 to 131.50): VNC

Ion 84.90 (84.60 to 85.60): VNC



#76

1,2,3-Trichloropropane

Concen: 42.287 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057570.D

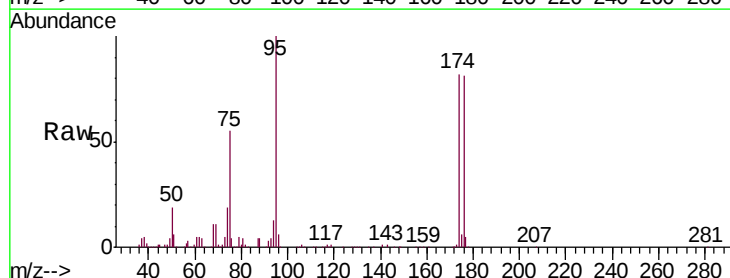
Acq: 30 Aug 2019 00:16

Tgt Ion: 75 Resp: 171186

Ion Ratio Lower Upper

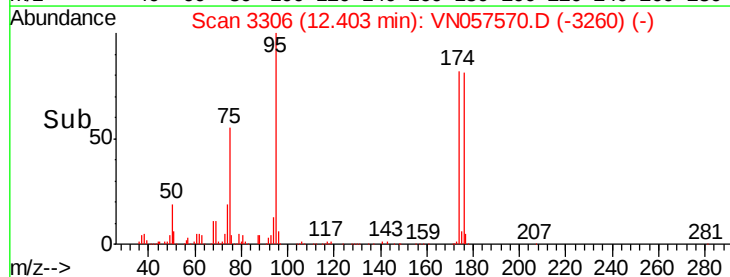
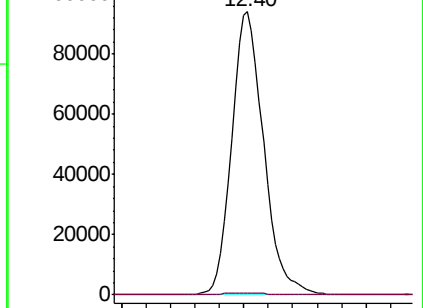
75 100

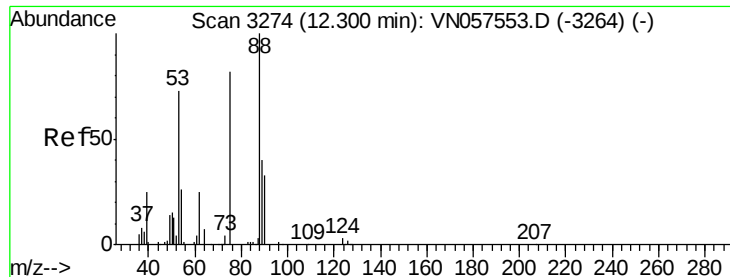
77 0.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC

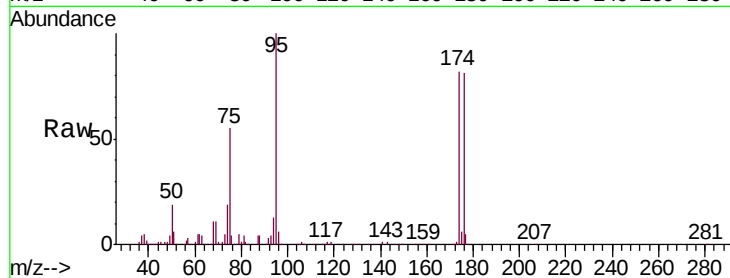




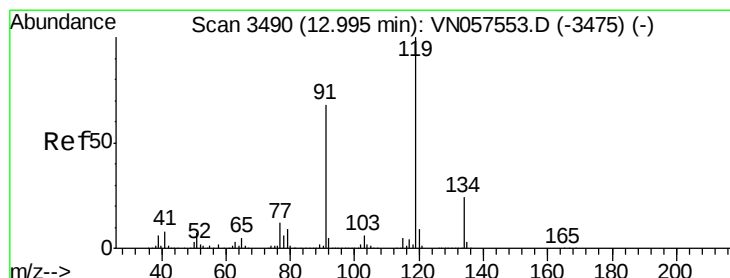
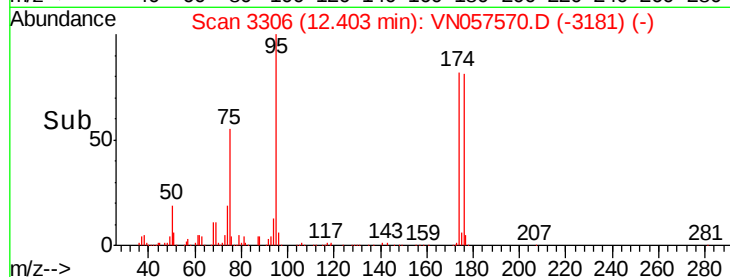
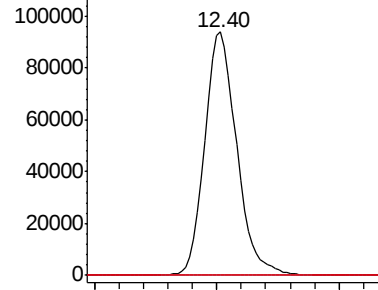
#81
trans-1,4-Dichloro-2-butene
Concen: 118.365 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN057570.D
Acq: 30 Aug 2019 00:16

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 75 Resp: 171186
Ion Ratio Lower Upper
75 100
53 0.0 82.7 124.1#
89 0.0 35.8 53.8#

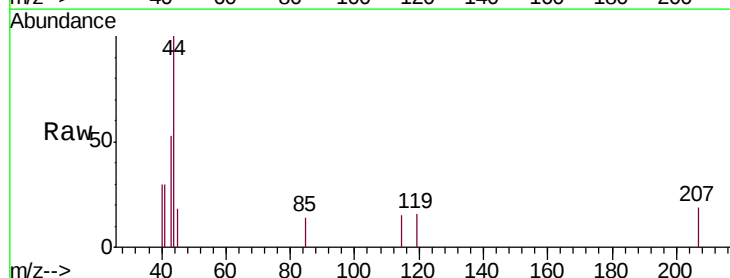


Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 88.90 (88.60 to 89.60): VN0

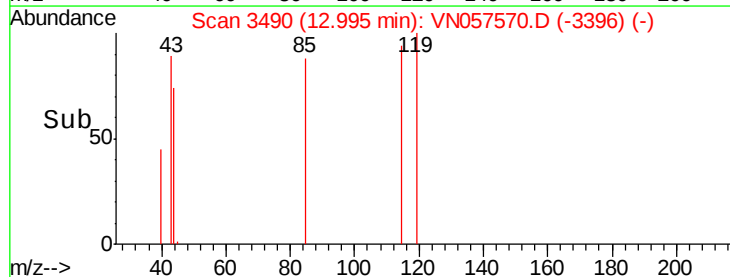
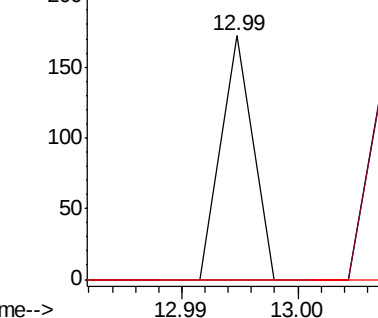


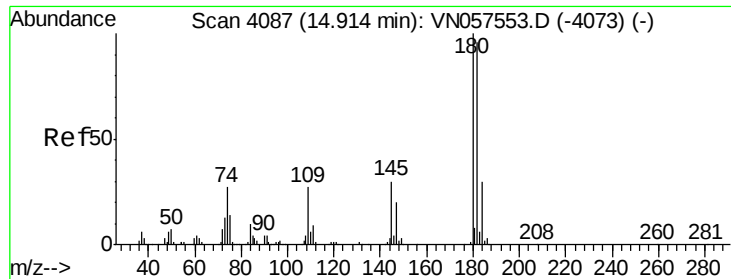
#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN057570.D
Acq: 30 Aug 2019 00:16

Tgt Ion: 119 Resp: 33
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: 3.949 ug/l

RT: 14.92 min Scan# 4088

Delta R.T. 0.00 min

Lab File: VN057570.D

Acq: 30 Aug 2019 00:16

Instrument :

MSVOA_N

ClientSampleId :

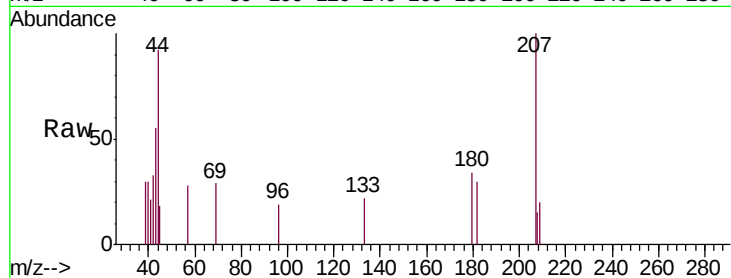
Tot Ion:180 Resp: 541

Ion Ratio Lower Upper

180 100

182 79.9 46.7 140.1

145 24.4 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

