

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071719\
 Data File : VN056795.D
 Acq On : 17 Jul 2019 14:34
 Operator : JC/SP
 Sample : K3841-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 18 01:06:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 07:03:34 2019
 Response via : Initial Calibration

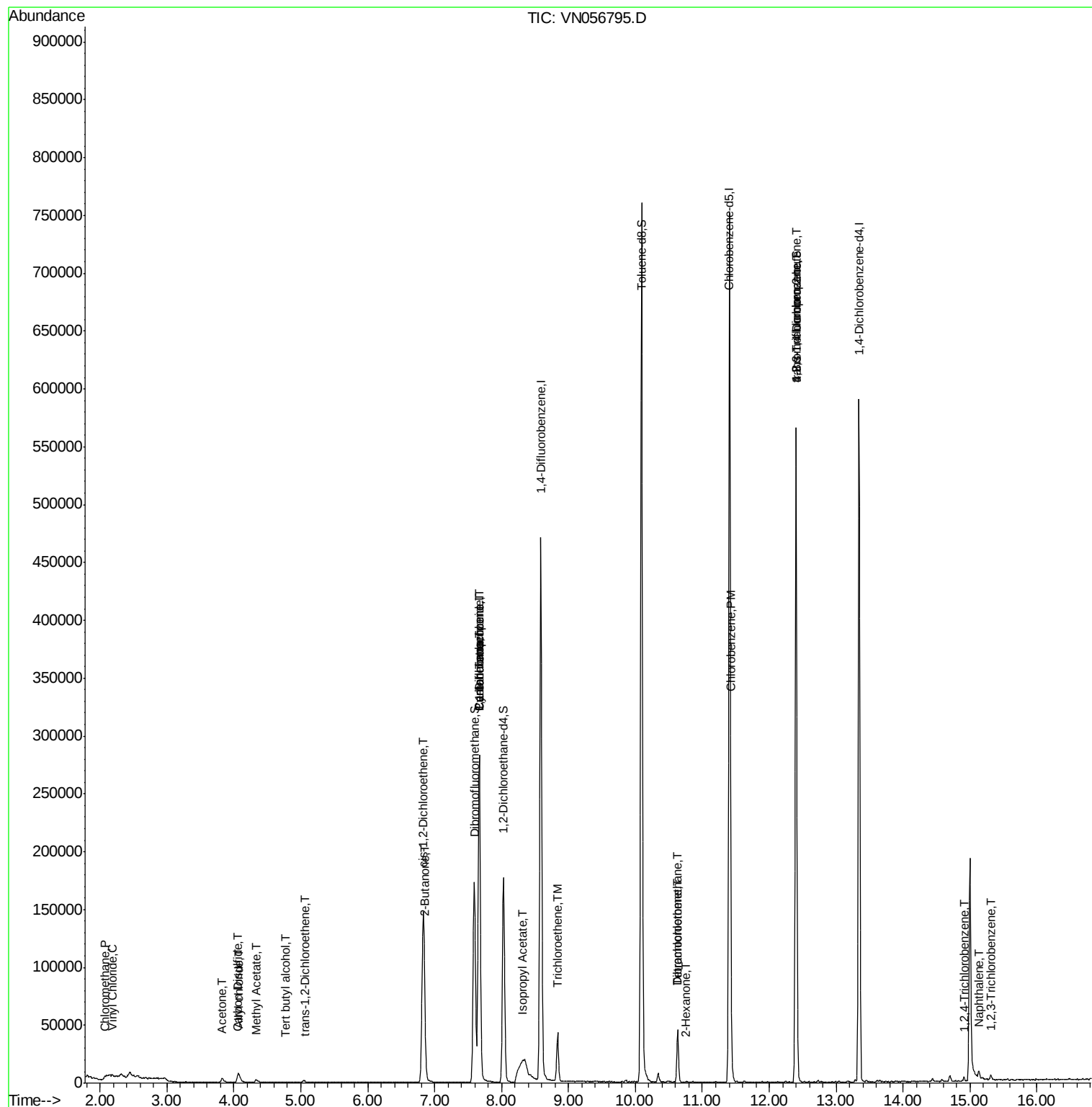
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	254985	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	451289	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	473349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	170553	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	147012	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
35) Dibromofluoromethane	7.59	113	135953	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
50) Toluene-d8	10.09	98	564066	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	
62) 4-Bromofluorobenzene	12.40	95	204449	55.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.78%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.07	50	937	0.291	ug/l	98
4) Vinyl Chloride	2.18	62	706	0.228	ug/l	97
11) Tert butyl alcohol	4.78	59	172	0.366	ug/l #	73
14) Allyl chloride	4.08	41	961	0.232	ug/l #	47
16) Acetone	3.83	43	6471	4.979	ug/l	89
17) Carbon Disulfide	4.05	76	1864	0.294	ug/l #	75
18) Methyl Acetate	4.33	43	5076	0.781	ug/l #	86
21) trans-1,2-Dichloroethene	5.06	96	1311	0.517	ug/l	85
25) 2-Butanone	6.86	43	940	0.495	ug/l #	58
27) cis-1,2-Dichloroethene	6.83	96	103124	35.371	ug/l	91
31) Cyclohexane	7.66	56	3820	0.847	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	15886	3.804	ug/l #	44
38) Carbon Tetrachloride	7.67	117	21806	5.568	ug/l #	16
43) Isopropyl Acetate	8.32	43	32836	5.075	ug/l #	53
44) Trichloroethene	8.84	130	16305	4.692	ug/l	99
59) 2-Hexanone	10.76	43	661	0.220	ug/l #	49
60) Dibromochloromethane	10.63	129	10238	3.266	ug/l #	11
64) Tetrachloroethene	10.63	164	12081	2.958	ug/l	97
65) Chlorobenzene	11.43	112	3519	0.364	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.51	83	29	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	94430	25.315	ug/l #	100
79) 2-Chlorotoluene	12.78	91	697	Below Cal		72
81) trans-1,4-Dichloro-2-buten	12.40	75	94430	78.180	ug/l #	13
83) tert-Butylbenzene	12.99	119	297	Below Cal	#	85
93) 1,2,4-Trichlorobenzene	14.91	180	1311	4.056	ug/l #	88
94) Hexachlorobutadiene	15.00	225	97	Below Cal	#	17
95) Naphthalene	15.13	128	5423	5.065	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.31	180	2144	3.928	ug/l	87

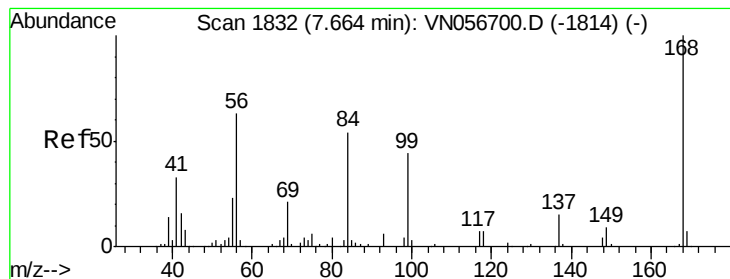
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 16 07:03:34 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056795.D

Acq: 17 Jul 2019 14:34

Instrument :

MSVOA_N

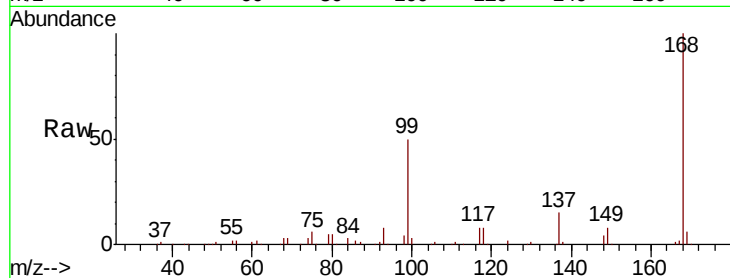
ClientSampleId :

Tot Ion:168 Resp: 254985

Ion Ratio Lower Upper

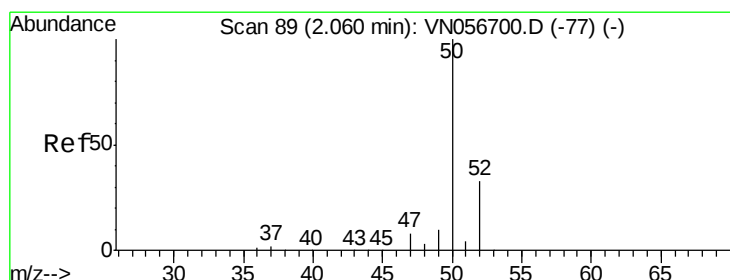
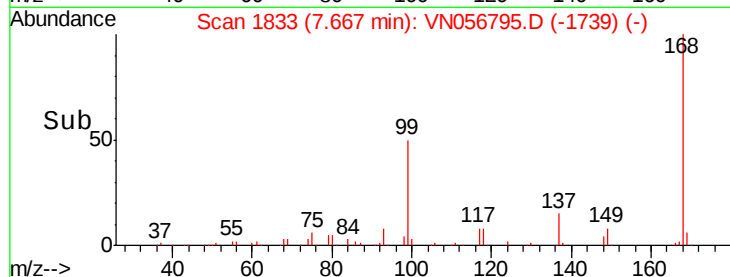
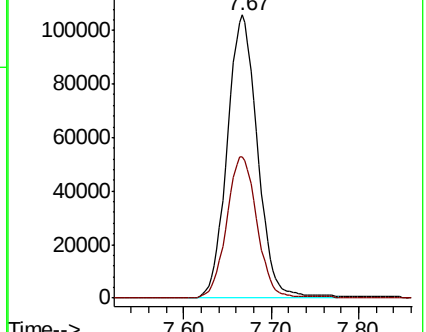
168 100

99 50.0 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#3

Chloromethane

Concen: 0.291 ug/l

RT: 2.07 min Scan# 91

Delta R.T. 0.01 min

Lab File: VN056795.D

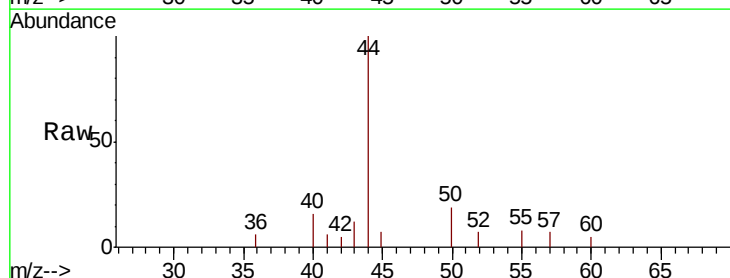
Acq: 17 Jul 2019 14:34

Tgt Ion: 50 Resp: 937

Ion Ratio Lower Upper

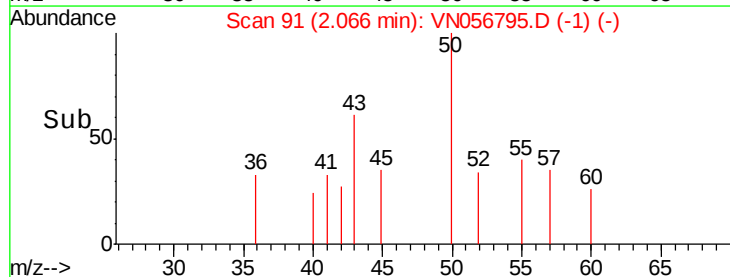
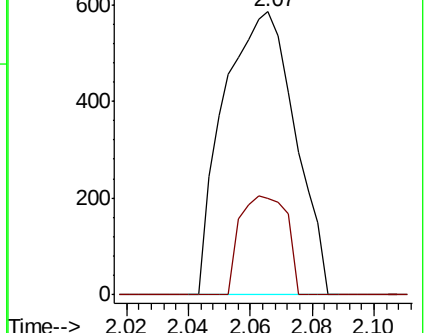
50 100

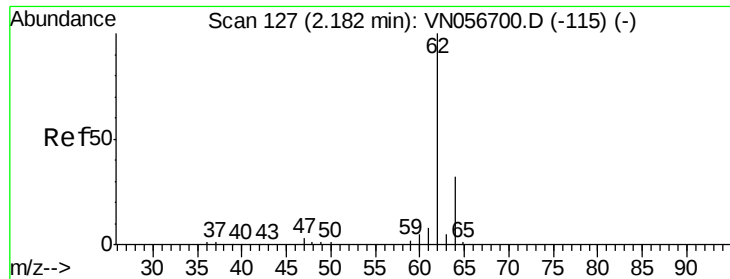
52 34.2 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0





#4

Vinyl Chloride

Concen: 0.228 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN056795.D

Acq: 17 Jul 2019 14:34

Instrument :

MSVOA_N

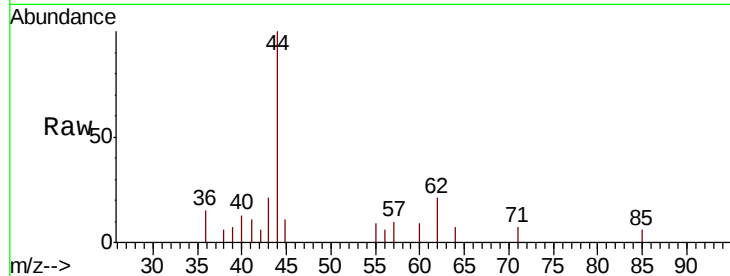
ClientSampled :

Tot Ion: 62 Resp: 706

Ion Ratio Lower Upper

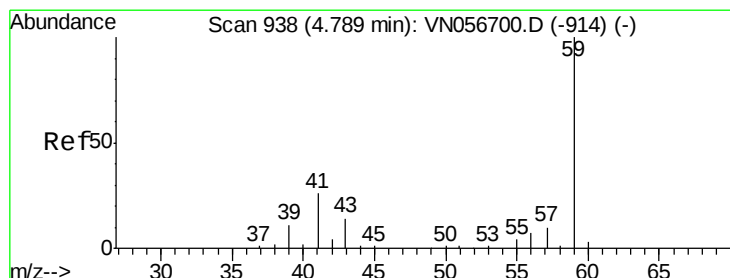
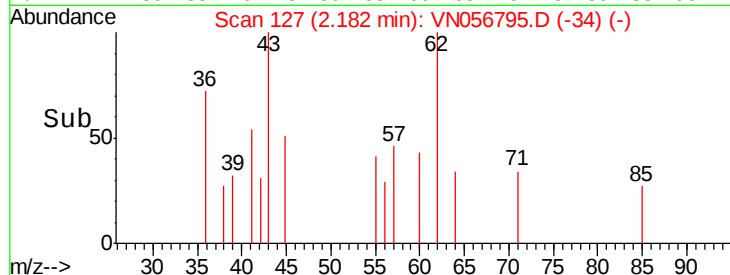
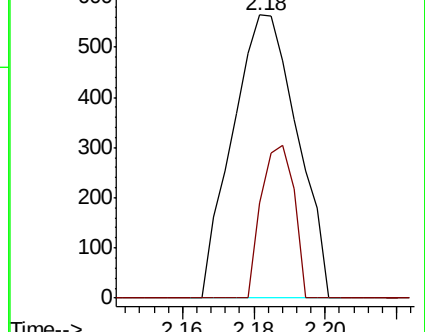
62 100

64 33.7 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0



#11

Tert butyl alcohol

Concen: 0.366 ug/l

RT: 4.78 min Scan# 934

Delta R.T. -0.01 min

Lab File: VN056795.D

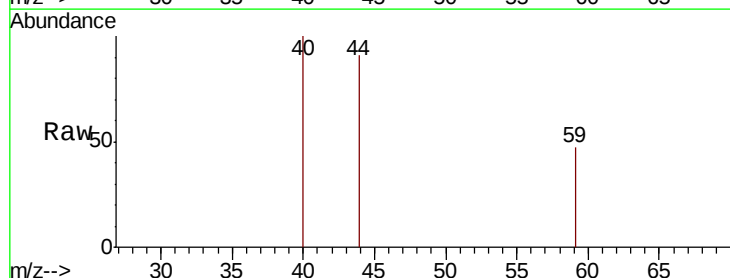
Acq: 17 Jul 2019 14:34

Tgt Ion: 59 Resp: 172

Ion Ratio Lower Upper

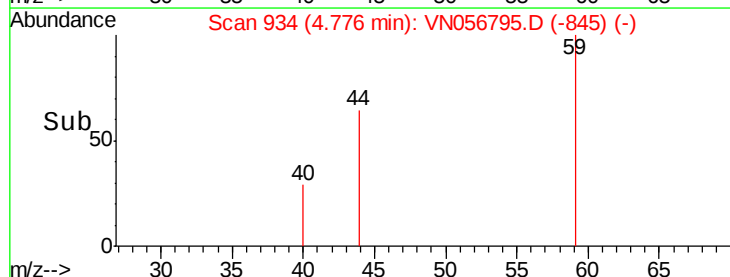
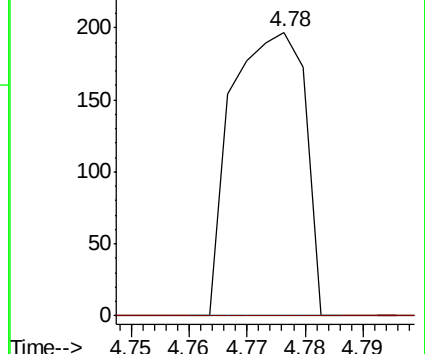
59 100

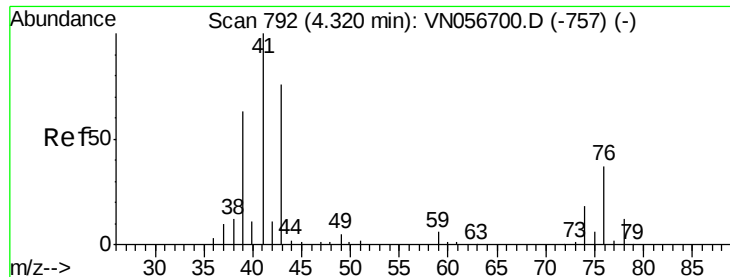
57 0.0 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

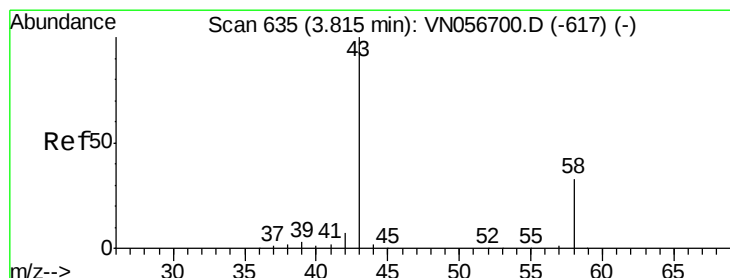
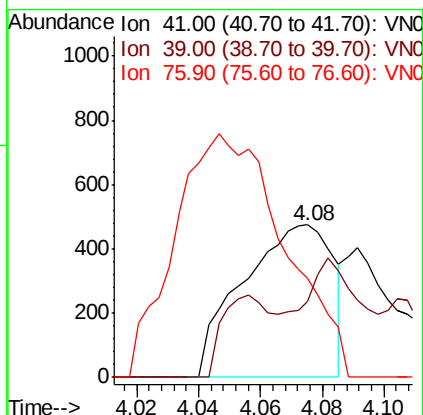
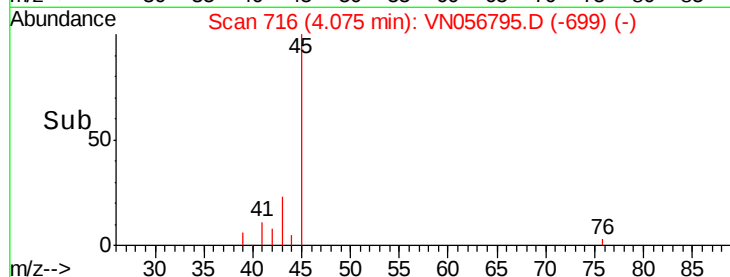
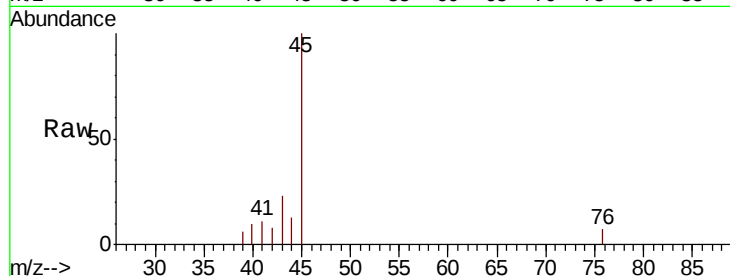




#14
Allvl chloride
Concen: 0.232 ug/l
RT: 4.08 min Scan# 716
Delta R.T. -0.24 min
Lab File: VN056795.D
Acq: 17 Jul 2019 14:34

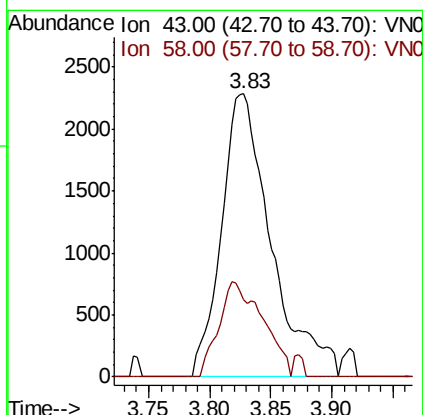
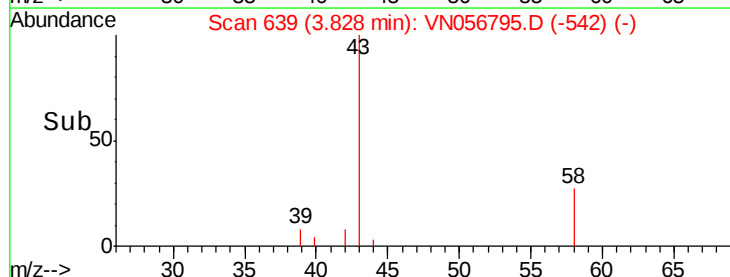
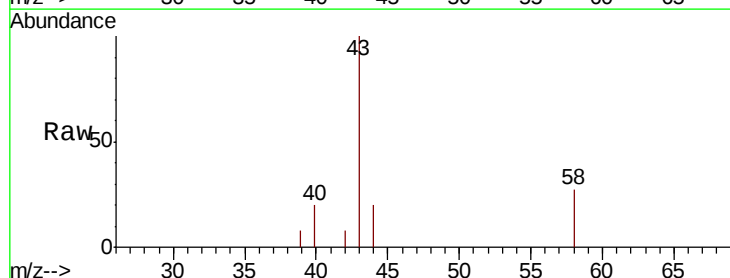
Instrument :
MSVOA_N
ClientSampled :

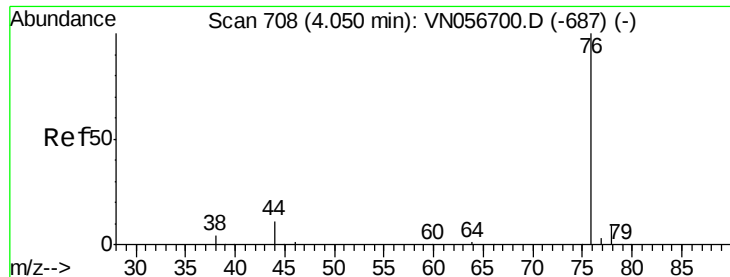
Tot Ion: 41 Resp: 961
Ion Ratio Lower Upper
41 100
39 21.4 46.9 70.3#
76 0.0 26.5 39.7#



#16
Acetone
Concen: 4.979 ug/l
RT: 3.83 min Scan# 639
Delta R.T. 0.01 min
Lab File: VN056795.D
Acq: 17 Jul 2019 14:34

Tgt Ion: 43 Resp: 6471
Ion Ratio Lower Upper
43 100
58 27.2 26.7 40.1





#17

Carbon Disulfide

Concen: 0.294 ug/l

RT: 4.05 min Scan# 707

Delta R.T. -0.00 min

Lab File: VN056795.D

Acq: 17 Jul 2019 14:34

Instrument :

MSVOA_N

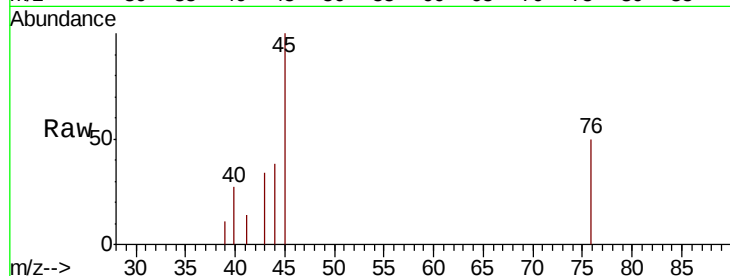
ClientSampled :

Tot Ion: 76 Resp: 1864

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC

4.05

800

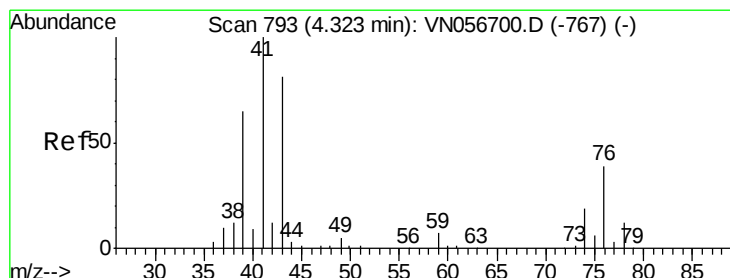
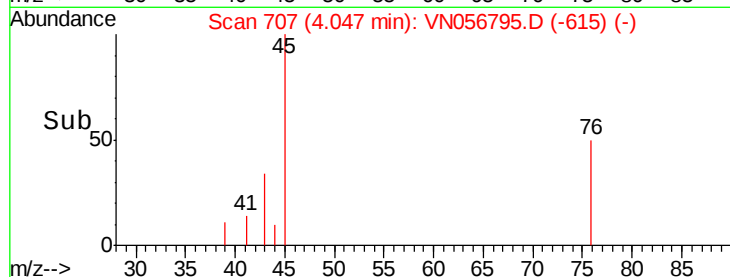
600

400

200

0

Time-->



#18

Methyl Acetate

Concen: 0.781 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN056795.D

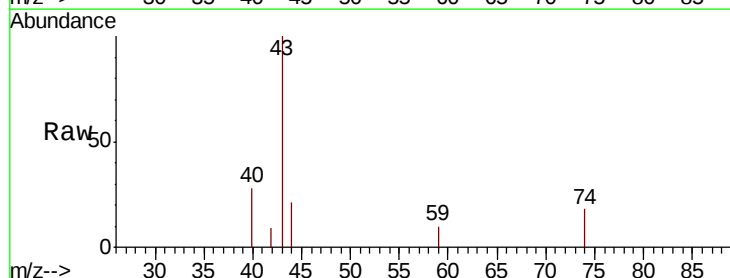
Acq: 17 Jul 2019 14:34

Tgt Ion: 43 Resp: 5076

Ion Ratio Lower Upper

43 100

74 16.8 18.9 28.3#



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 74.00 (73.70 to 74.70): VNC

4.33

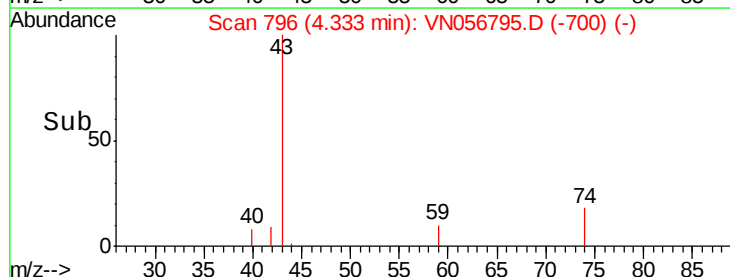
1500

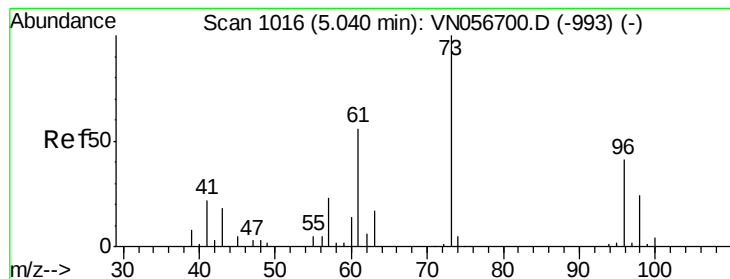
1000

500

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 0.517 ug/l

RT: 5.06 min Scan# 1022

Delta R.T. 0.02 min

Lab File: VN056795.D

Acq: 17 Jul 2019 14:34

Instrument :

MSVOA_N

ClientSampled :

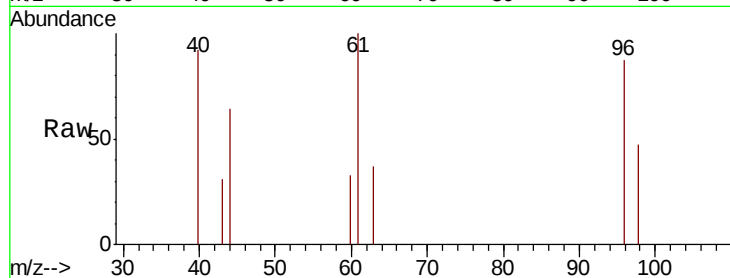
Tot Ion: 96 Resp: 1311

Ion Ratio Lower Upper

96 100

61 114.5 109.4 164.2

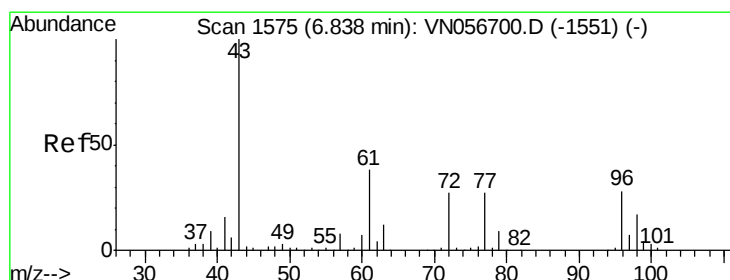
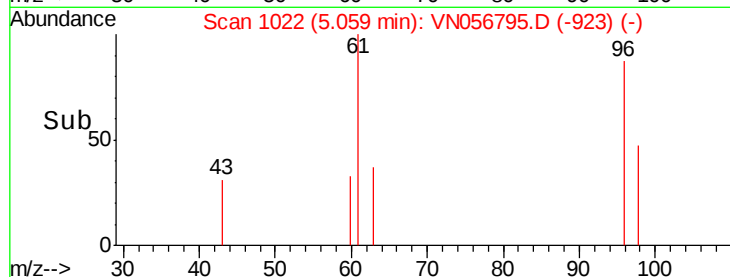
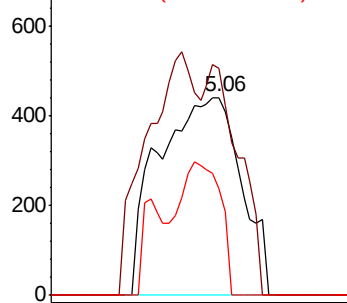
98 53.7 48.0 72.0



Abundance Ion 95.90 (95.60 to 96.60): VN056700.D (-993) (-)

Ion 60.90 (60.60 to 61.60): VN056700.D (-993) (-)

Ion 97.90 (97.60 to 98.60): VN056700.D (-993) (-)



#25

2-Butanone

Concen: 0.495 ug/l

RT: 6.86 min Scan# 1581

Delta R.T. 0.02 min

Lab File: VN056795.D

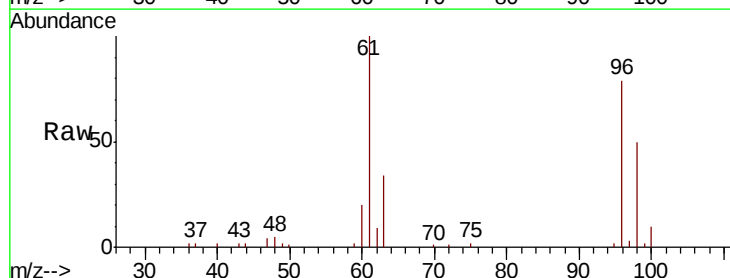
Acq: 17 Jul 2019 14:34

Tgt Ion: 43 Resp: 940

Ion Ratio Lower Upper

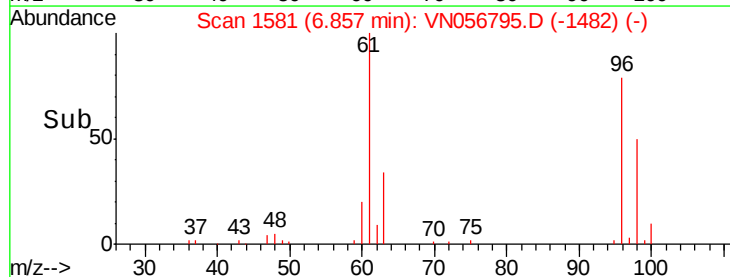
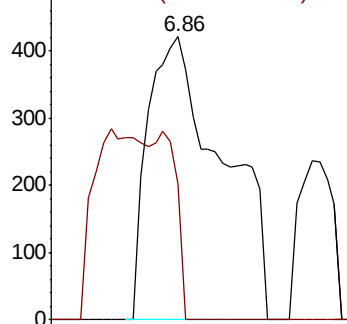
43 100

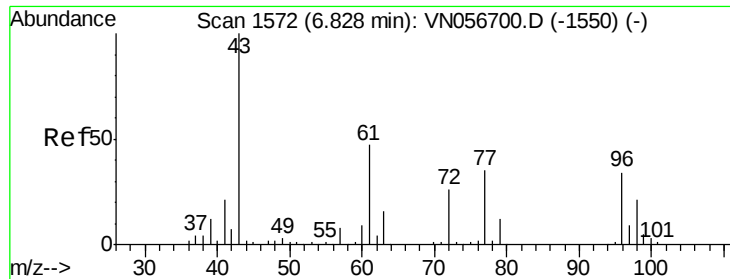
72 48.2 21.2 31.8#



Abundance Ion 43.00 (42.70 to 43.70): VN056700.D (-1551) (-)

Ion 72.00 (71.70 to 72.70): VN056700.D (-1551) (-)





#27

cis-1,2-Dichloroethene

Concen: 35.371 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN056795.D

Acq: 17 Jul 2019 14:34

Instrument :
MSVOA_N
ClientSampleId :

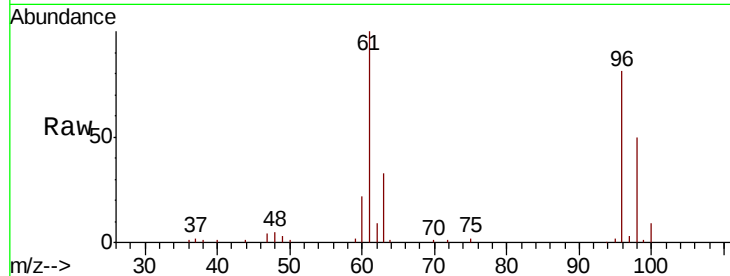
Tot Ion: 96 Resp: 103124

Ion Ratio Lower Upper

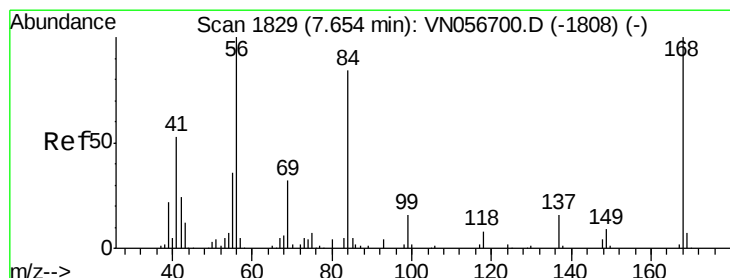
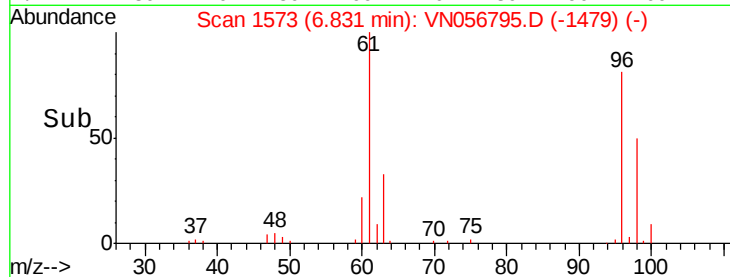
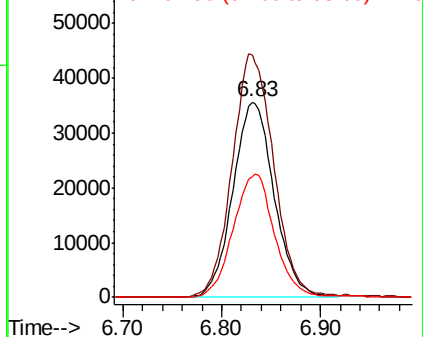
96 100

61 125.3 0.0 281.4

98 62.9 0.0 127.8



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#31

Cyclohexane

Concen: 0.847 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN056795.D

Acq: 17 Jul 2019 14:34

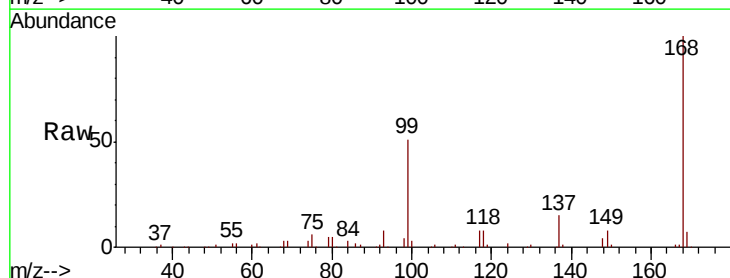
Tgt Ion: 56 Resp: 3820

Ion Ratio Lower Upper

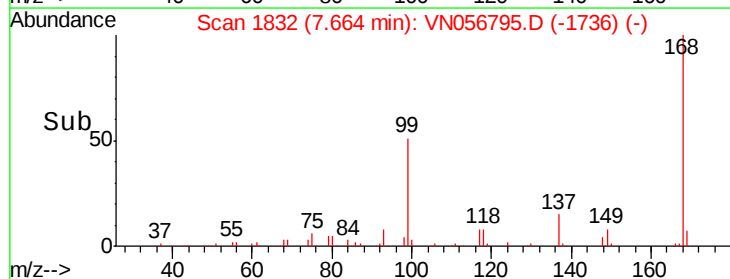
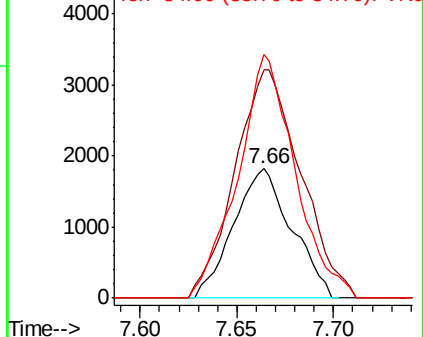
56 100

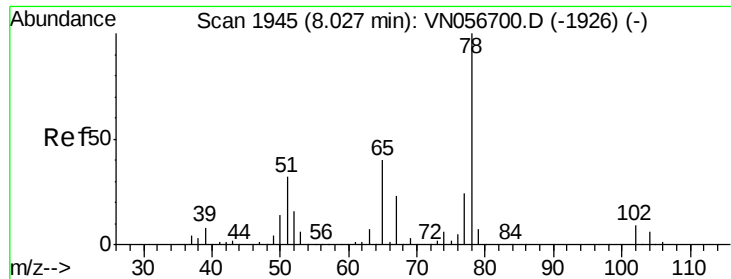
69 177.1 25.8 38.8#

84 188.5 67.4 101.0#



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

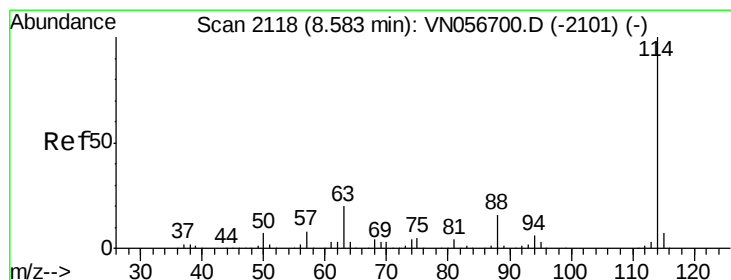
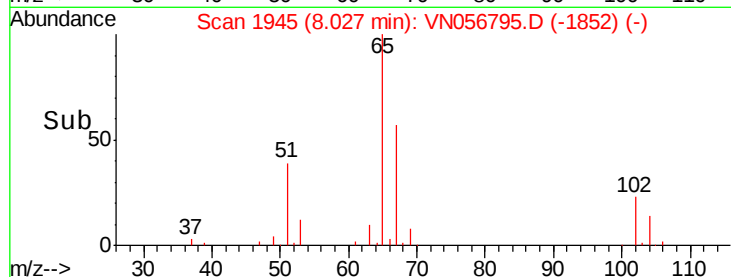
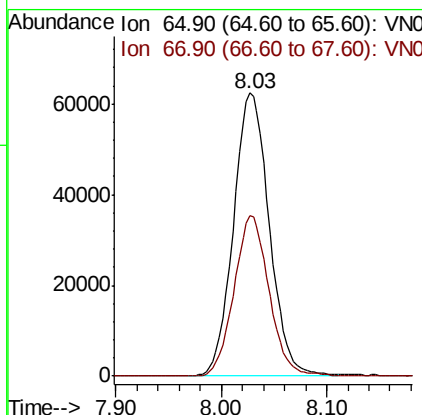
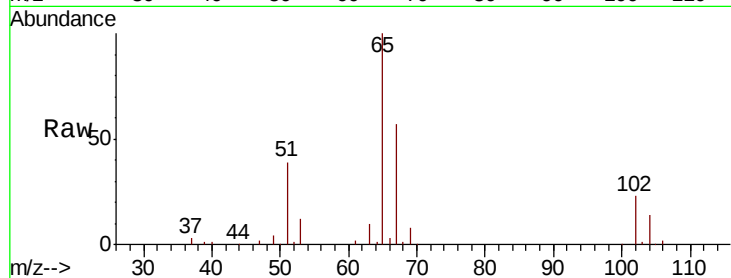




#33
 1,2-Dichloroethane-d4
 Concen: 52.123 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN056795.D
 Acq: 17 Jul 2019 14:34

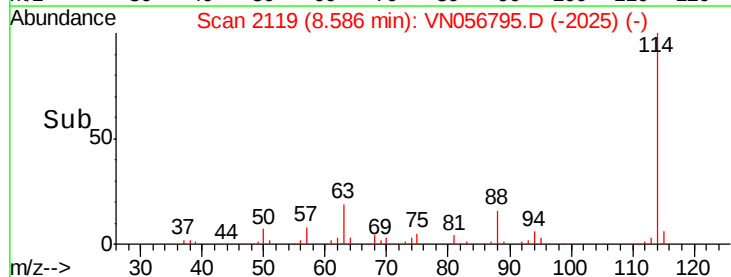
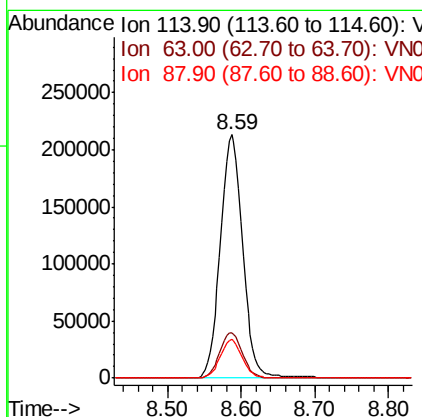
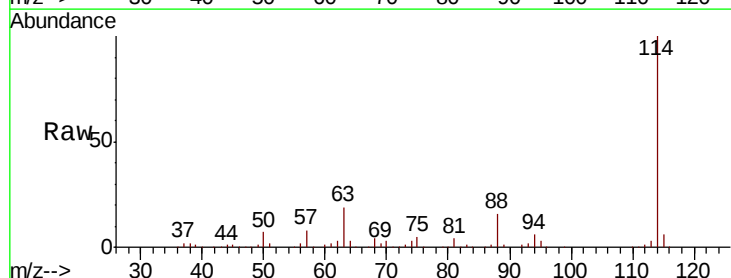
Instrument :
 MSVOA_N
 ClientSampleId :

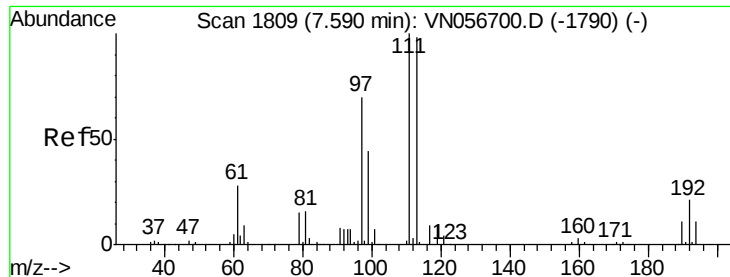
Tot Ion: 65 Resp: 147012
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056795.D
 Acq: 17 Jul 2019 14:34

Tgt Ion:114 Resp: 451289
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.4
 88 15.9 0.0 31.2

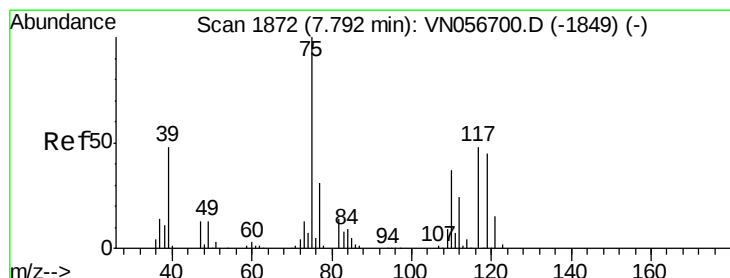
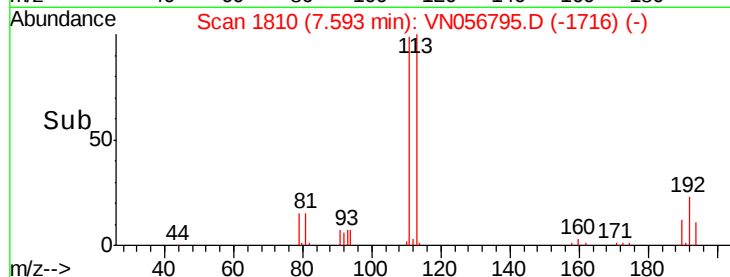
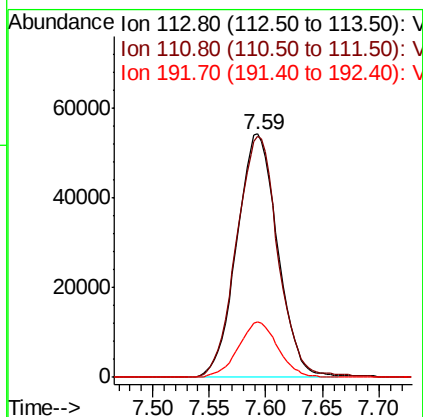
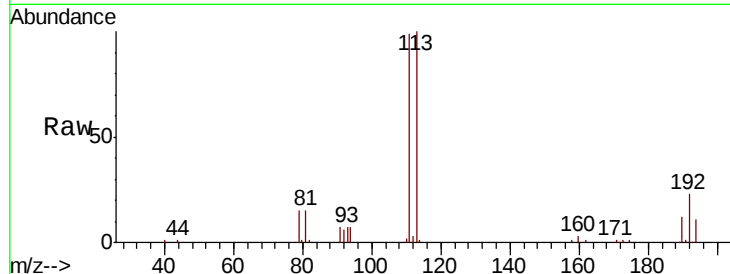




#35
 Dibromofluoromethane
 Concen: 48.408 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056795.D
 Acq: 17 Jul 2019 14:34

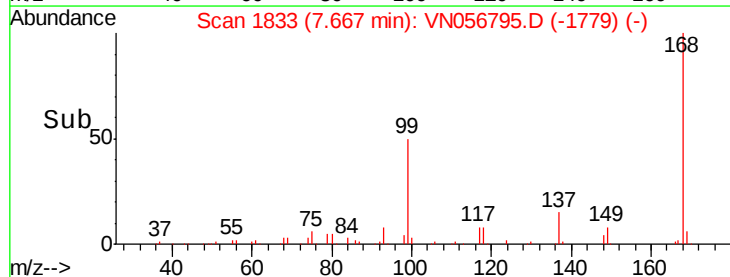
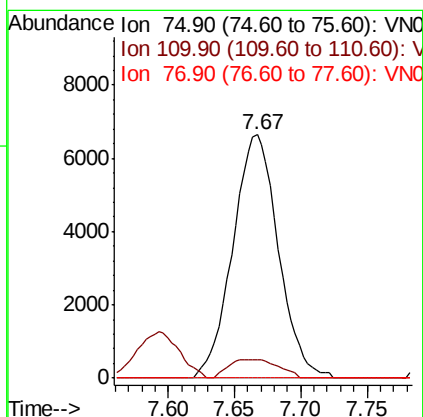
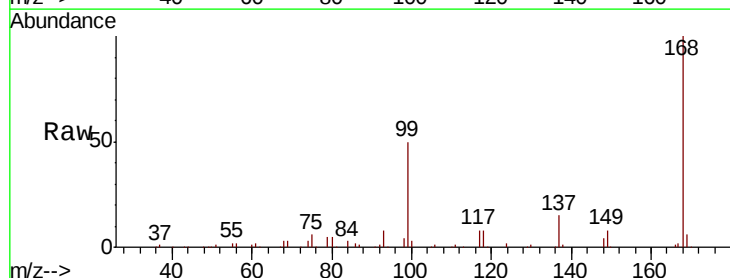
Instrument :
 MSVOA_N
 ClientSampleId :

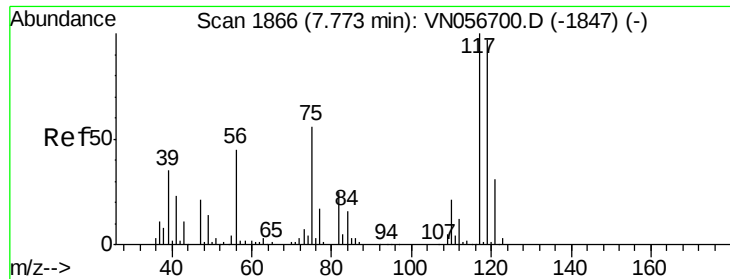
Tot Ion:113 Resp: 135953
 Ion Ratio Lower Upper
 113 100
 111 100.8 81.8 122.6
 192 21.9 17.5 26.3



#36
 1,1-Dichloropropene
 Concen: 3.804 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN056795.D
 Acq: 17 Jul 2019 14:34

Tgt Ion: 75 Resp: 15886
 Ion Ratio Lower Upper
 75 100
 110 3.7 18.4 55.4#
 77 0.0 24.6 36.8#

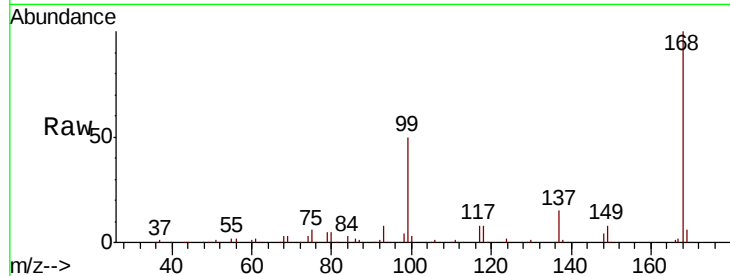




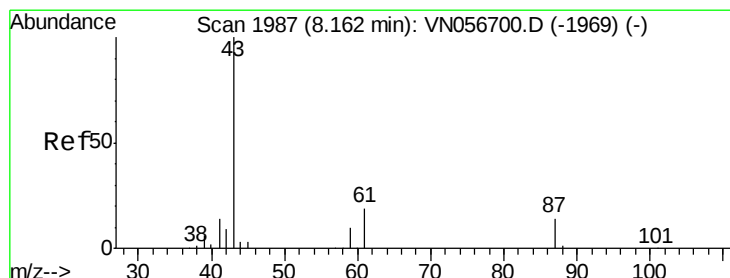
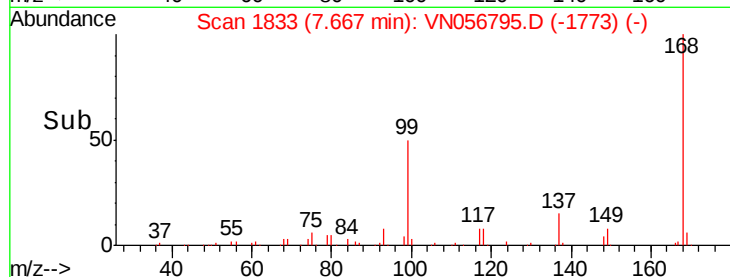
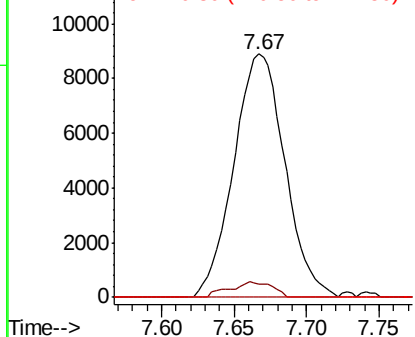
#38
Carbon Tetrachloride
Concen: 5.568 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN056795.D
Acq: 17 Jul 2019 14:34

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 21806
Ion Ratio Lower Upper
117 100
119 5.5 77.5 116.3#
121 0.0 24.7 37.1#

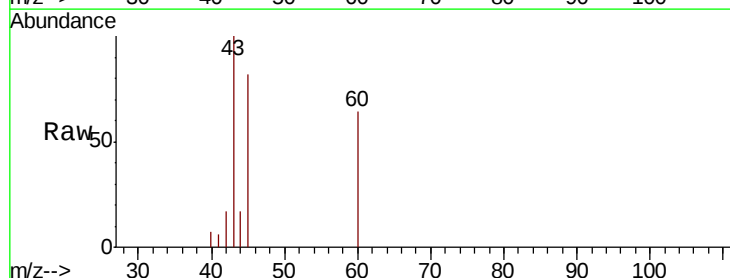


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

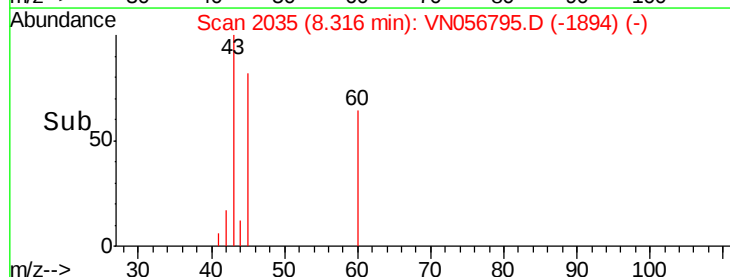
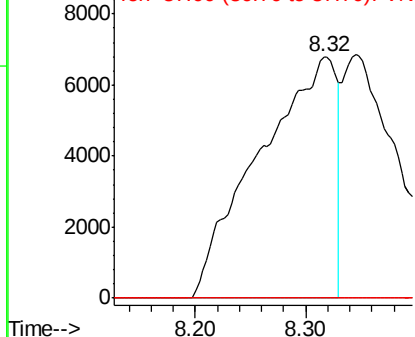


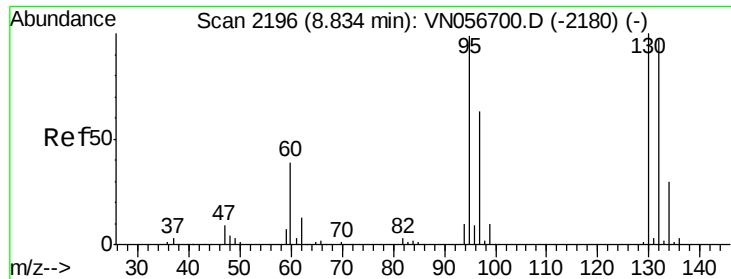
#43
Isopropyl Acetate
Concen: 5.075 ug/l
RT: 8.32 min Scan# 2035
Delta R.T. 0.15 min
Lab File: VN056795.D
Acq: 17 Jul 2019 14:34

Tgt Ion: 43 Resp: 32836
Ion Ratio Lower Upper
43 100
61 0.0 22.3 33.5#
87 0.0 11.1 16.7#



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

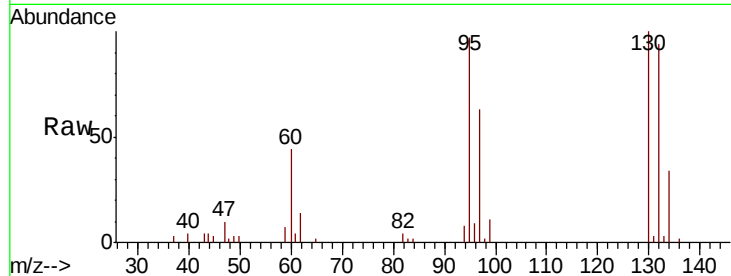




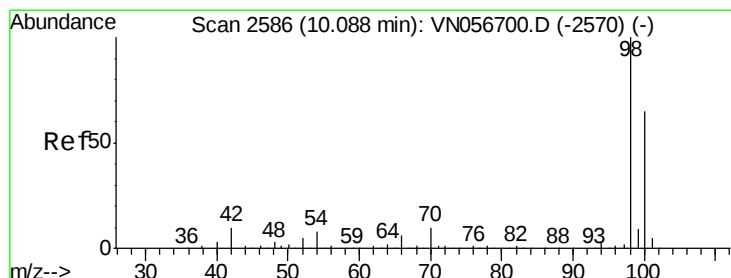
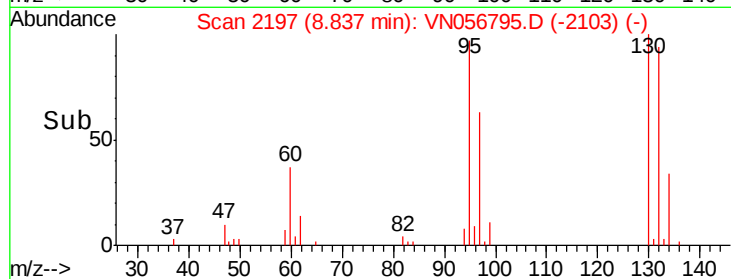
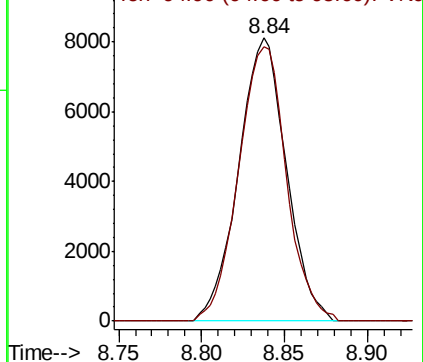
#44
 Trichloroethene
 Concen: 4.692 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: VN056795.D
 Acq: 17 Jul 2019 14:34

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:130 Resp: 16305
 Ion Ratio Lower Upper
 130 100
 95 97.2 0.0 197.2

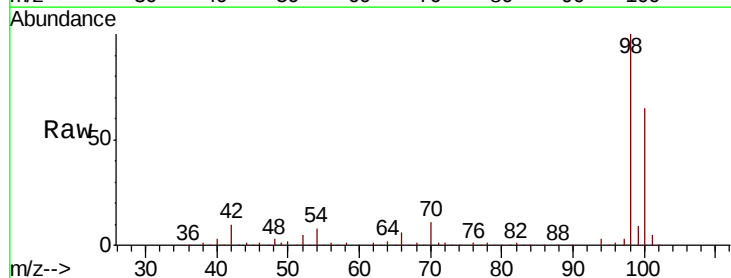


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VN

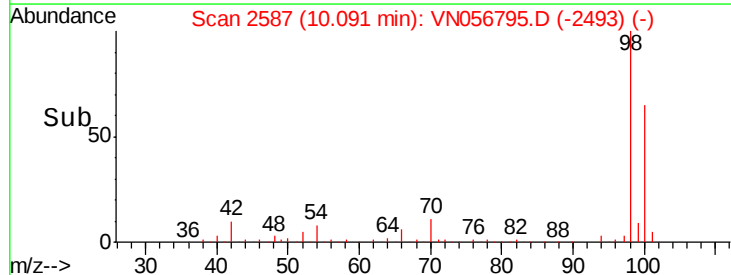
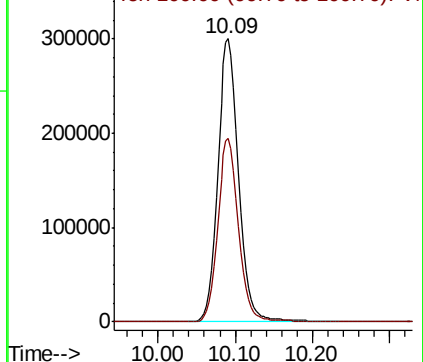


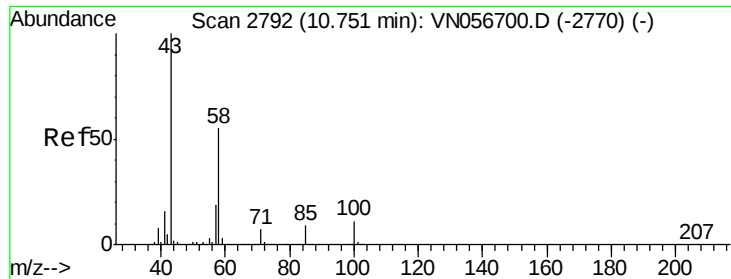
#50
 Toluene-d8
 Concen: 52.002 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN056795.D
 Acq: 17 Jul 2019 14:34

Tgt Ion: 98 Resp: 564066
 Ion Ratio Lower Upper
 98 100
 100 64.6 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN
 Ion 100.00 (99.70 to 100.70): VN

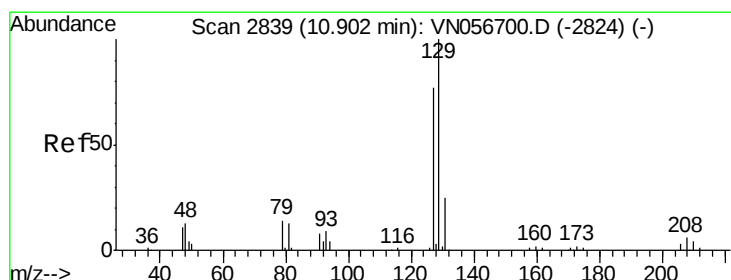
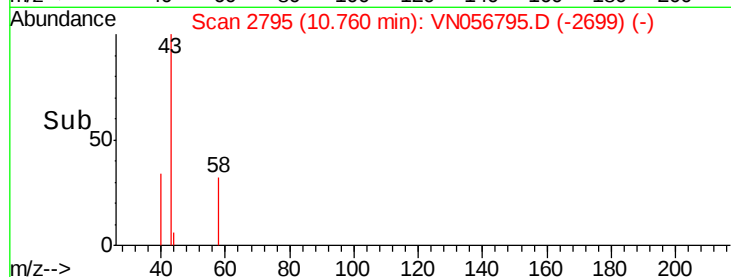
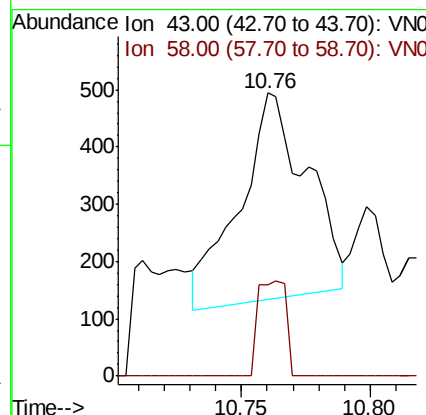
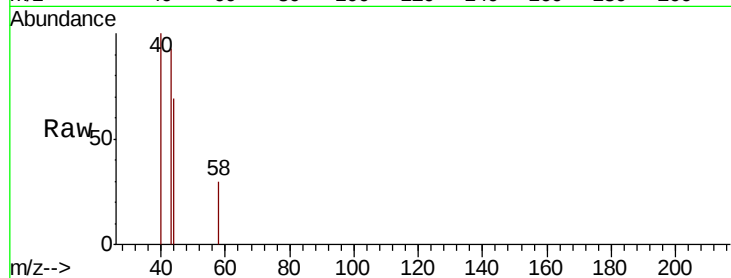




#59
2-Hexanone
Concen: 0.220 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN056795.D
Acq: 17 Jul 2019 14:34

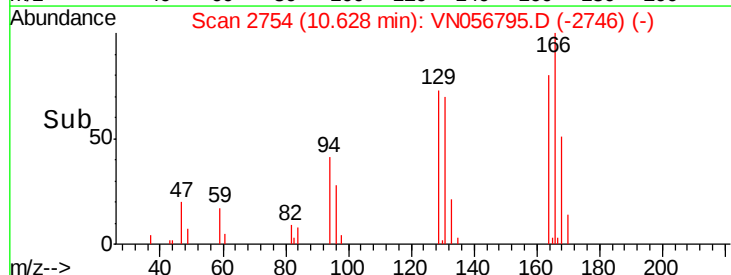
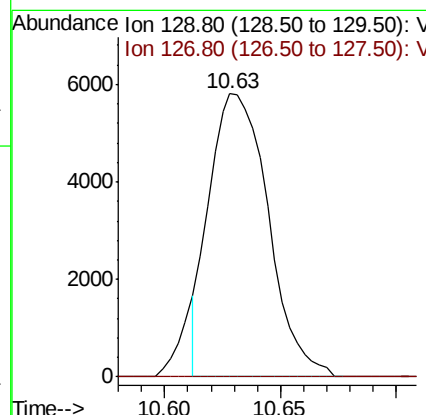
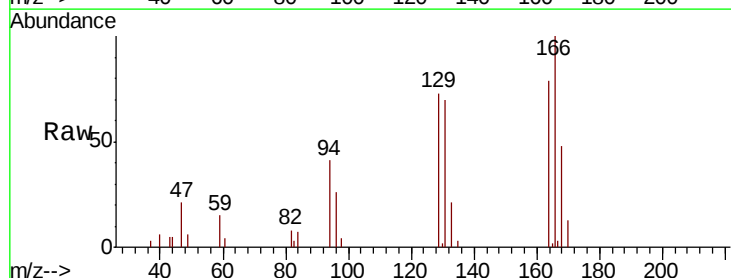
Instrument :
MSVOA_N
ClientSampled :

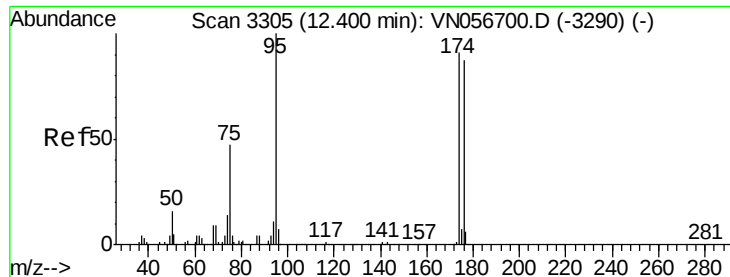
Tot Ion: 43 Resp: 661
Ion Ratio Lower Upper
43 100
58 18.9 27.9 83.6#



#60
Dibromochloromethane
Concen: 3.266 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.27 min
Lab File: VN056795.D
Acq: 17 Jul 2019 14:34

Tgt Ion: 129 Resp: 10238
Ion Ratio Lower Upper
129 100
127 0.0 38.2 114.6#





#62

4-Bromofluorobenzene

Concen: 55.892 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056795.D

Acq: 17 Jul 2019 14:34

Instrument :

MSVOA_N

ClientSampleId :

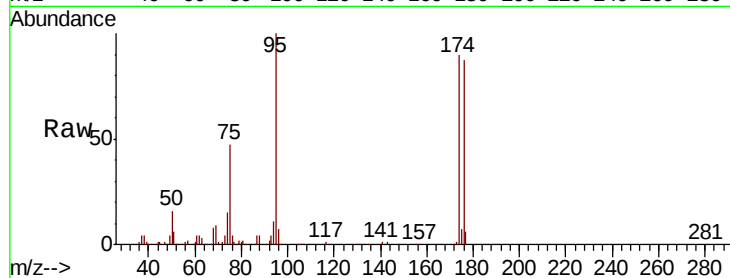
Tot Ion: 95 Resp: 204449

Ion Ratio Lower Upper

95 100

174 89.5 0.0 180.0

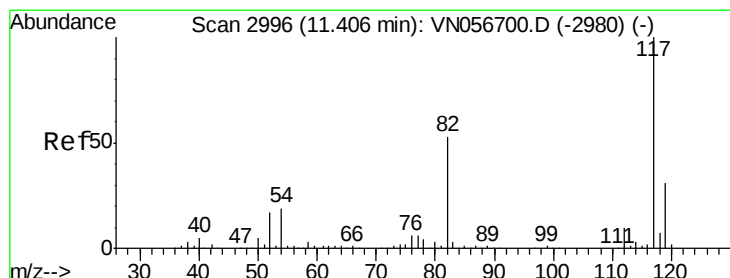
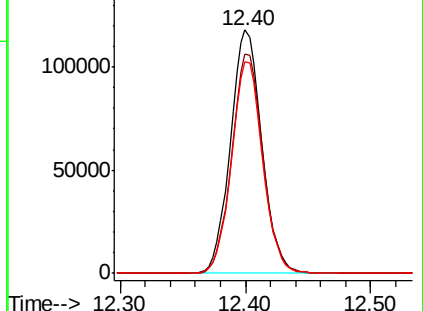
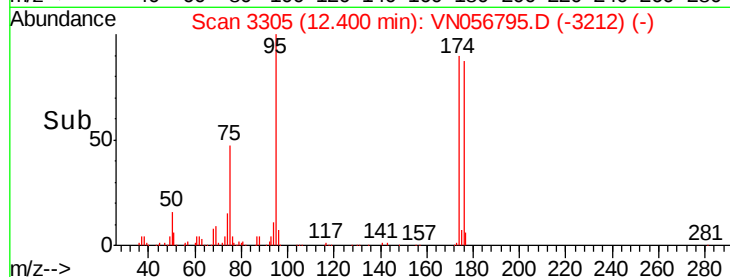
176 86.2 0.0 173.2



Abundance Ion 94.90 (94.60 to 95.60): VN056795.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN056795.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN056795.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN056795.D

Acq: 17 Jul 2019 14:34

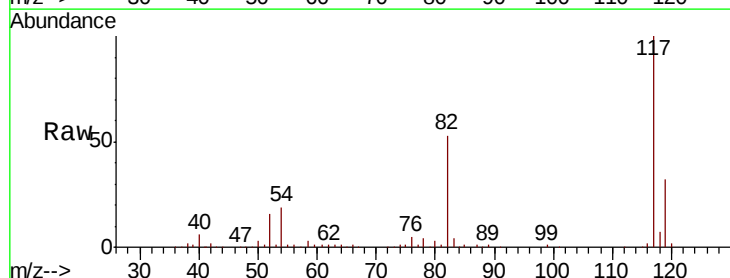
Tgt Ion: 117 Resp: 473349

Ion Ratio Lower Upper

117 100

82 53.0 42.2 63.2

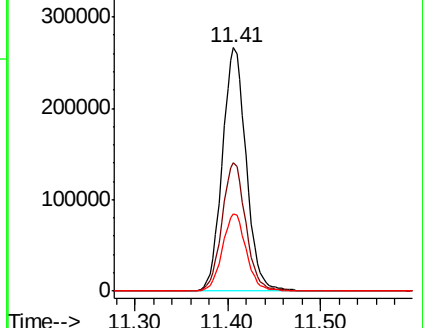
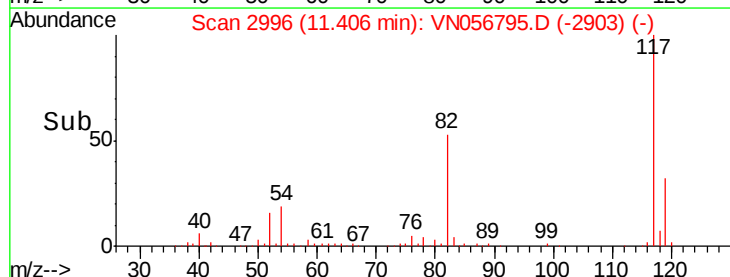
119 31.9 25.2 37.8

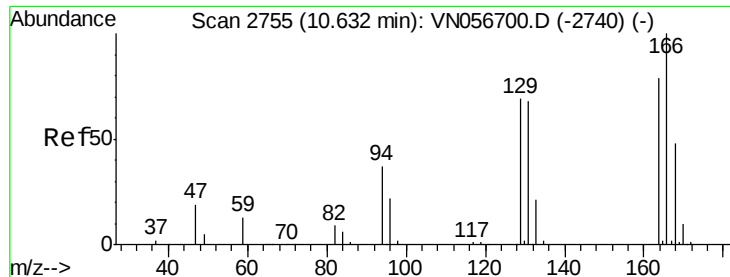


Abundance Ion 116.90 (116.60 to 117.60): VN056795.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN056795.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN056795.D (-2903) (-)

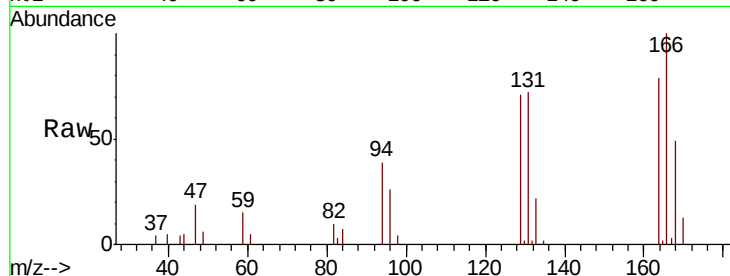




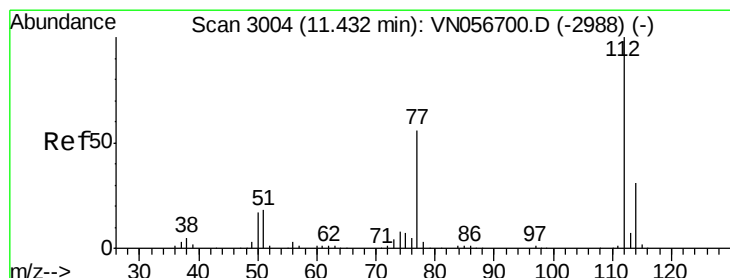
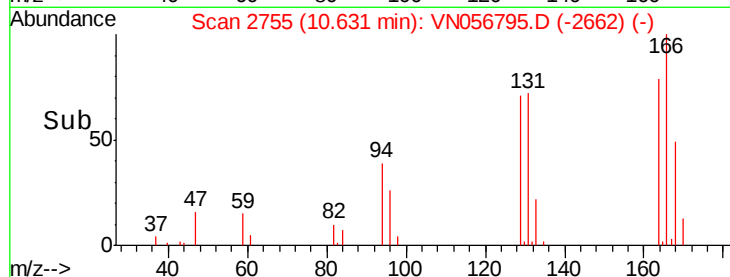
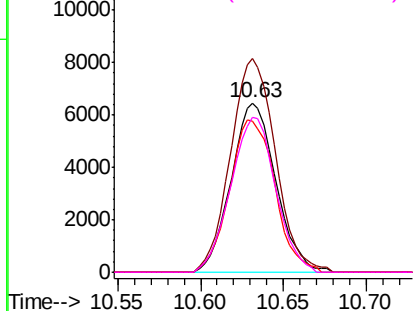
#64
Tetrachloroethene
Concen: 2.958 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN056795.D
Acq: 17 Jul 2019 14:34

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:164 Resp: 12081
Ion Ratio Lower Upper
164 100
166 126.3 101.4 152.2
129 89.6 69.6 104.4
131 91.4 69.0 103.4

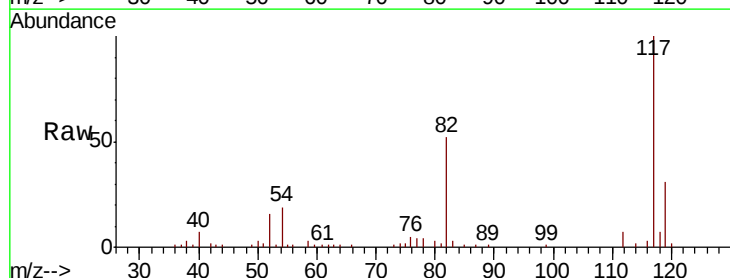


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

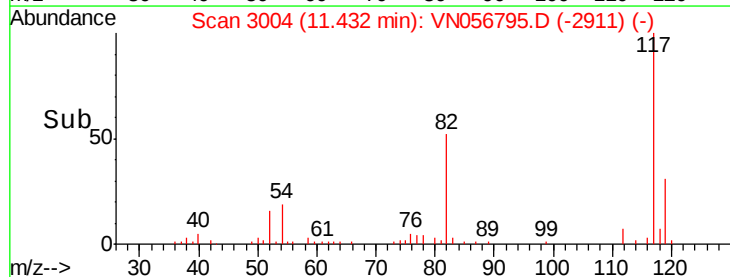
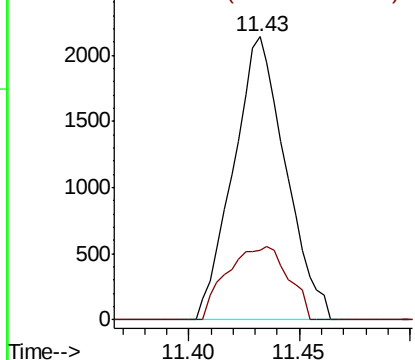


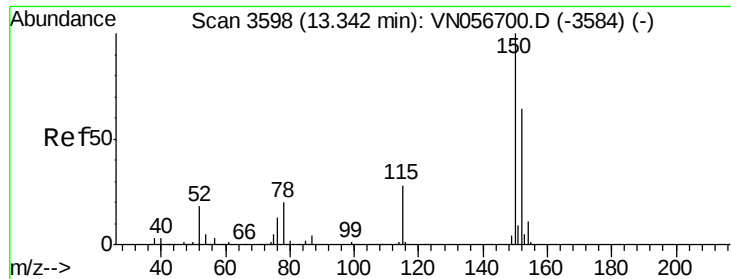
#65
Chlorobenzene
Concen: 0.364 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN056795.D
Acq: 17 Jul 2019 14:34

Tgt Ion:112 Resp: 3519
Ion Ratio Lower Upper
112 100
114 24.4 25.2 37.8#



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V



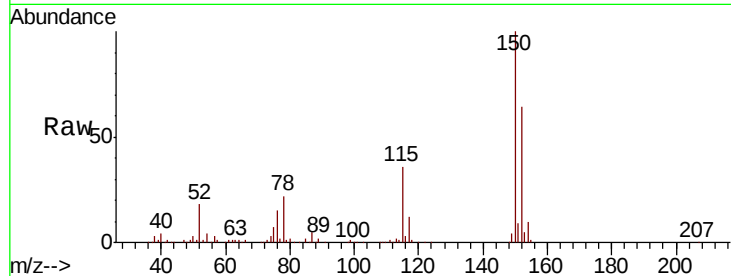


#72

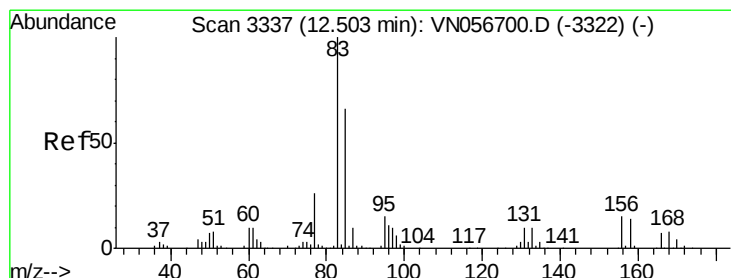
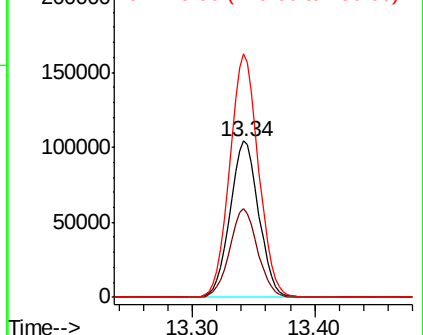
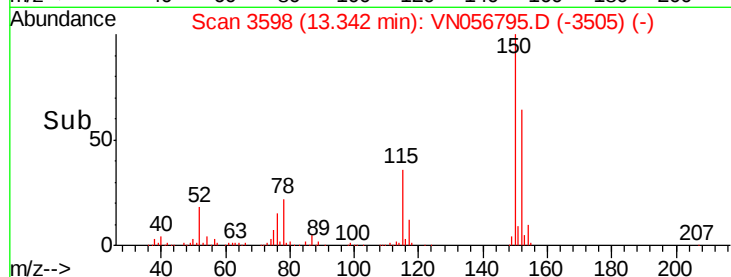
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056795.D
Acq: 17 Jul 2019 14:34

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:152 Resp: 170553
Ion Ratio Lower Upper
152 100
115 55.4 28.2 84.7
150 156.0 0.0 345.8



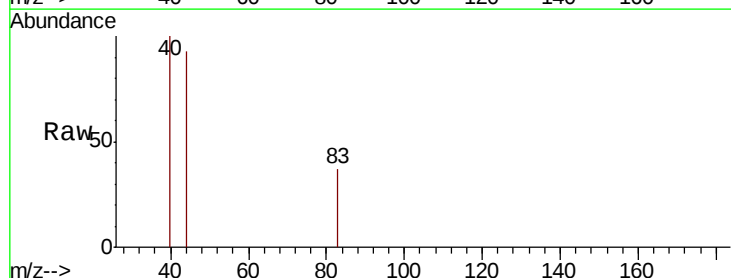
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



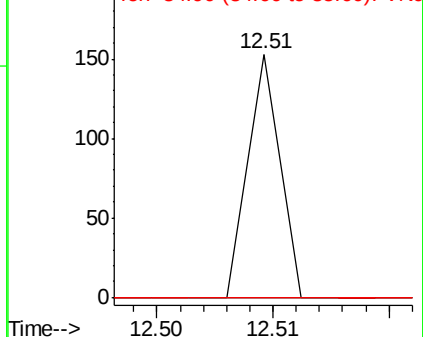
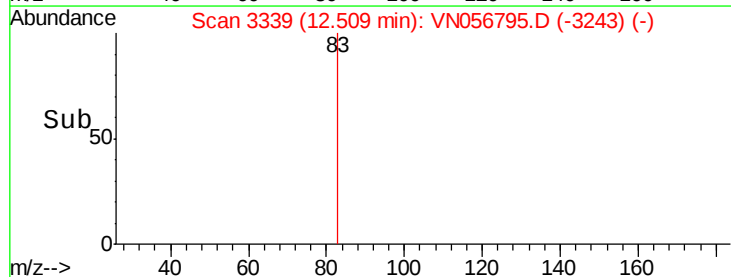
#75

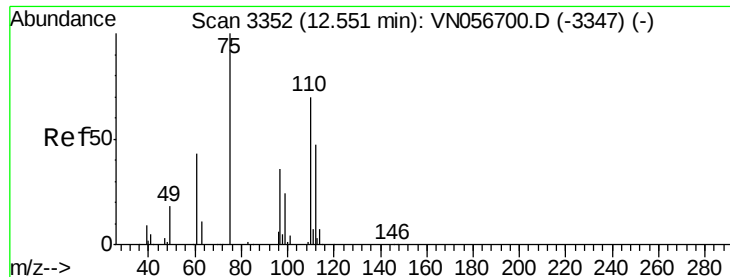
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.51 min Scan# 3339
Delta R.T. 0.01 min
Lab File: VN056795.D
Acq: 17 Jul 2019 14:34

Tgt Ion: 83 Resp: 29
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.8#
85 0.0 32.6 97.8#



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VNO





#76

1,2,3-Trichloropropane

Concen: 25.315 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056795.D

Acq: 17 Jul 2019 14:34

Instrument :

MSVOA_N

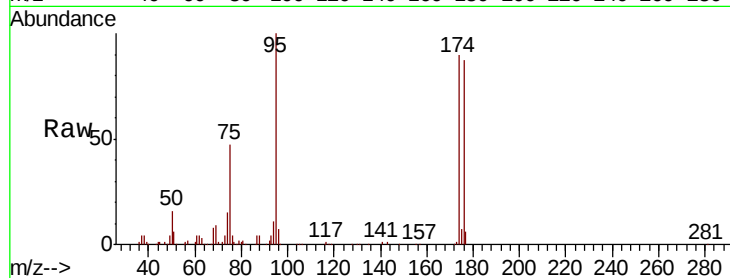
ClientSampled :

Tot Ion: 75 Resp: 94430

Ion Ratio Lower Upper

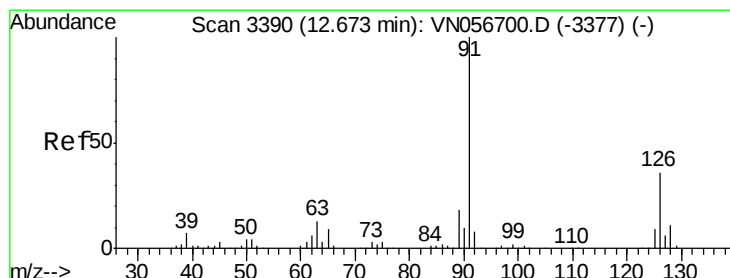
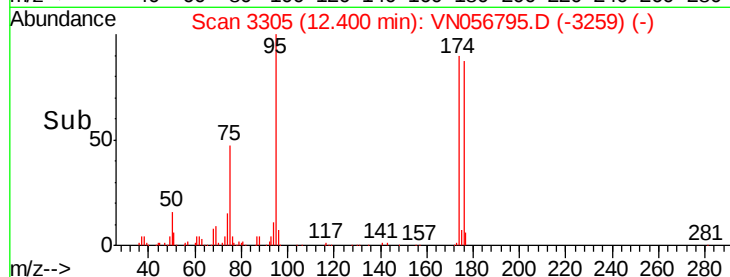
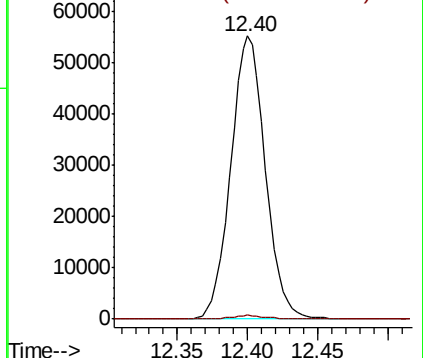
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.78 min Scan# 3422

Delta R.T. 0.10 min

Lab File: VN056795.D

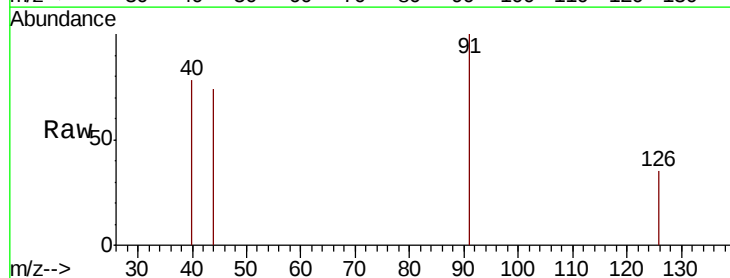
Acq: 17 Jul 2019 14:34

Tgt Ion: 91 Resp: 697

Ion Ratio Lower Upper

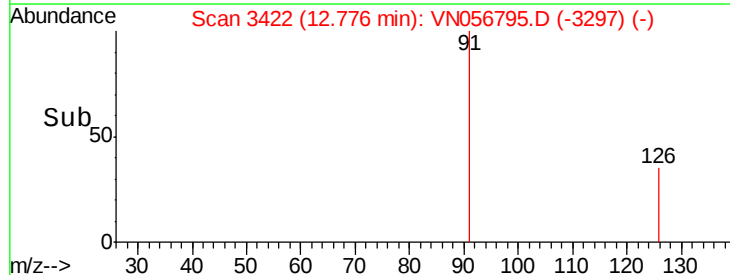
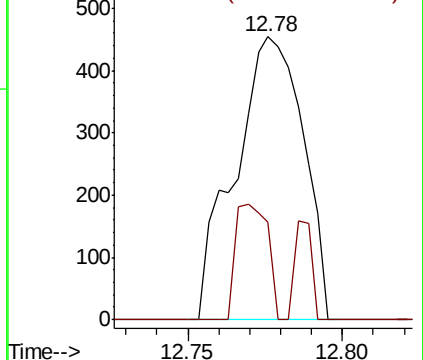
91 100

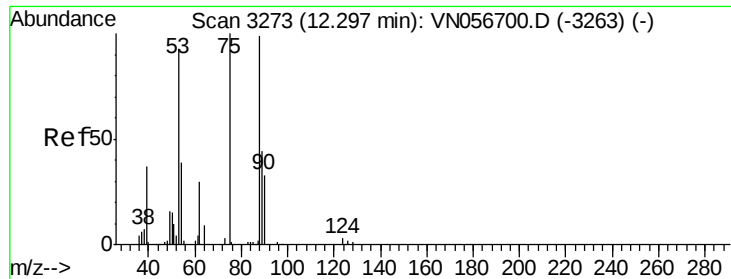
126 19.2 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 78.180 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056795.D

Acq: 17 Jul 2019 14:34

Instrument :

MSVOA_N

ClientSampleId :

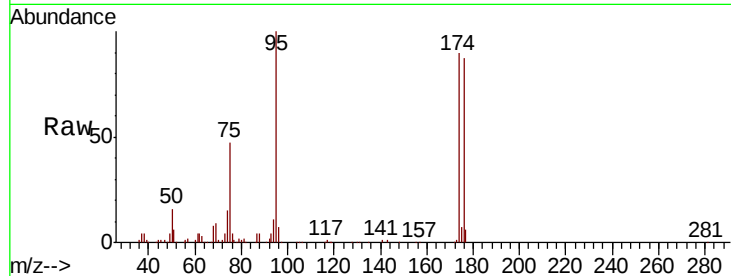
Tot Ion: 75 Resp: 94430

Ion Ratio Lower Upper

75 100

53 0.0 73.7 110.5#

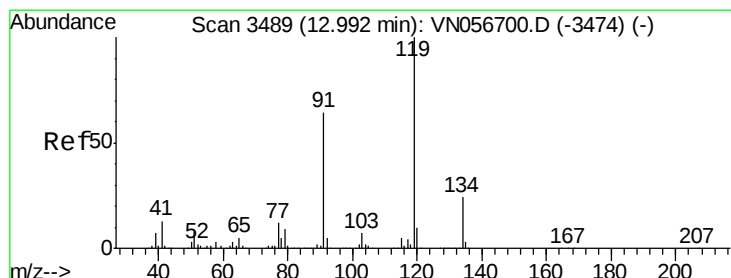
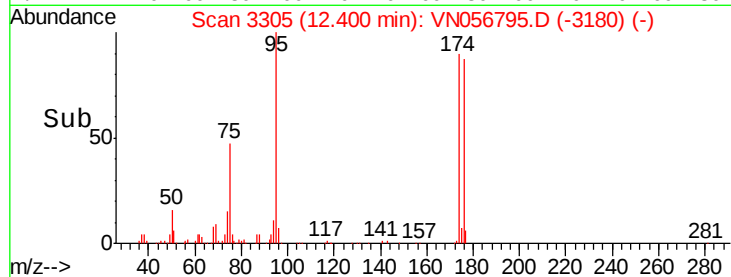
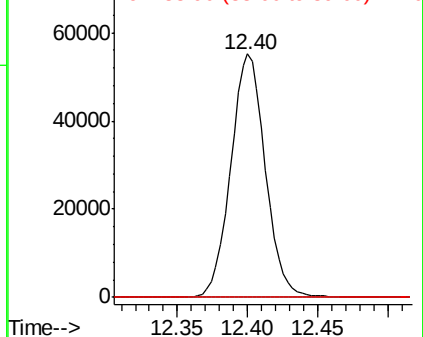
89 0.0 36.2 54.2#



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# 3489

Delta R.T. 0.00 min

Lab File: VN056795.D

Acq: 17 Jul 2019 14:34

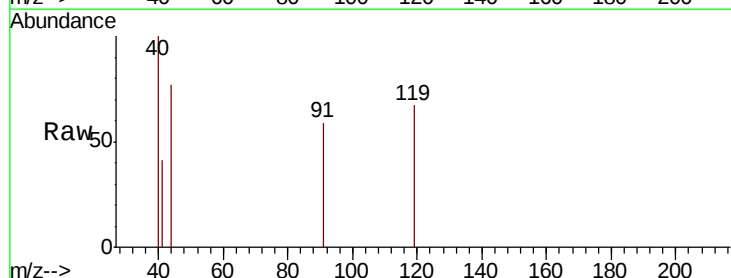
Tgt Ion: 119 Resp: 297

Ion Ratio Lower Upper

119 100

91 70.0 31.8 95.4

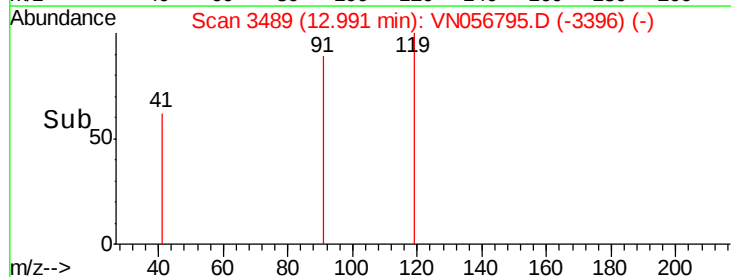
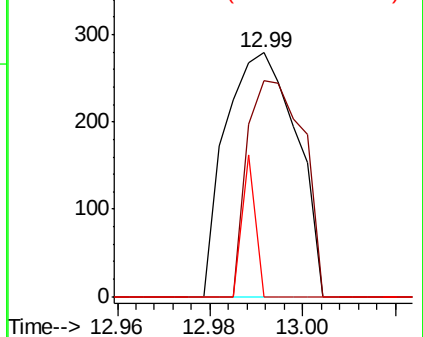
134 10.4 13.0 38.9#

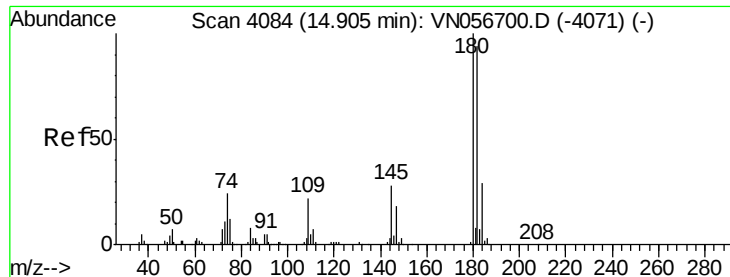


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): V

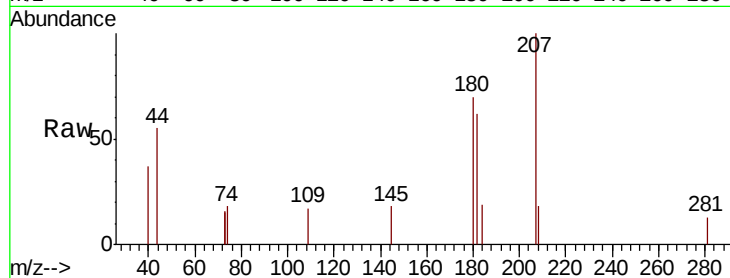




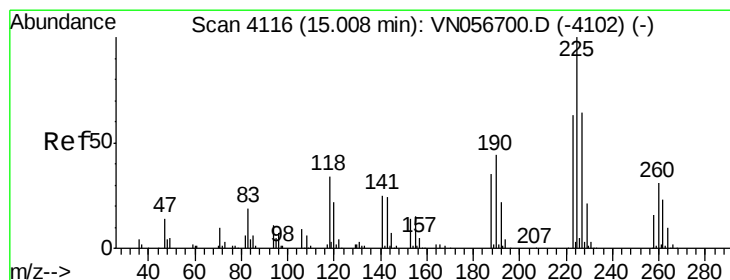
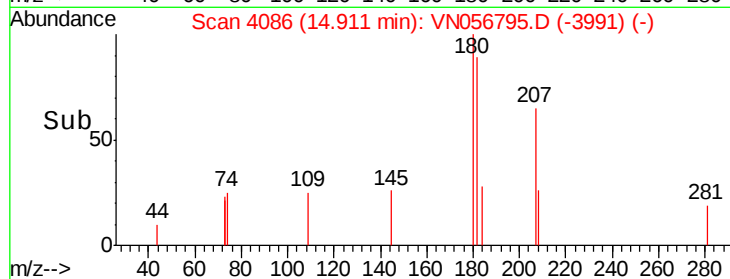
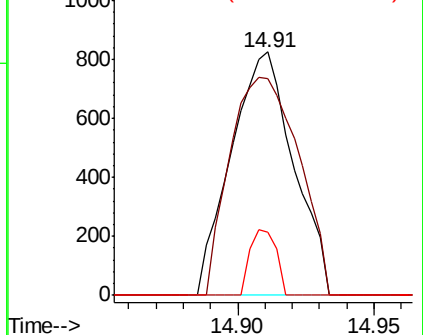
#93
 1,2,4-Trichlorobenzene
 Concen: 4.056 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.01 min
 Lab File: VN056795.D
 Acq: 17 Jul 2019 14:34

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 1311
 Ion Ratio Lower Upper
 180 100
 182 99.4 47.2 141.6
 145 11.1 14.2 42.8#

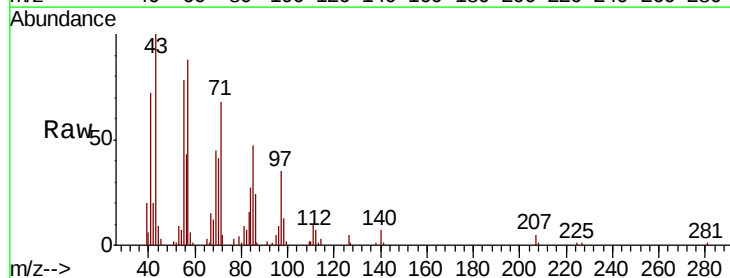


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

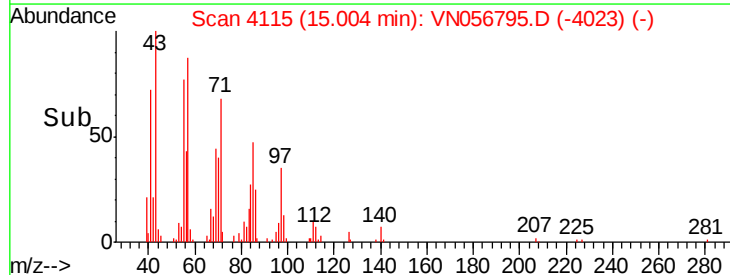
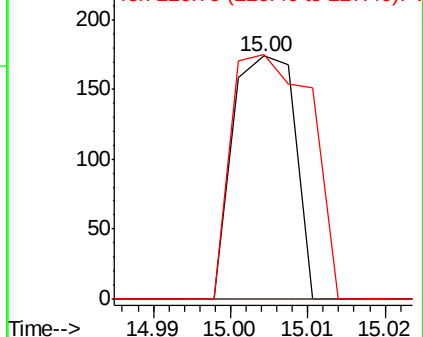


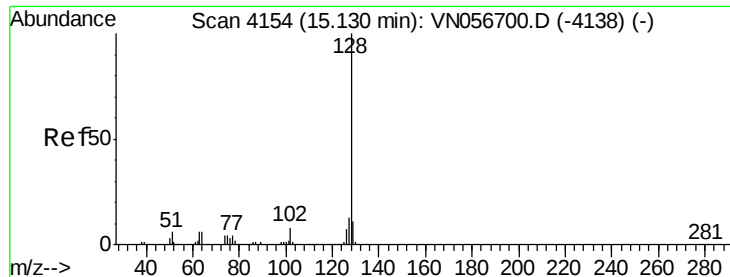
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.00 min Scan# 4115
 Delta R.T. -0.00 min
 Lab File: VN056795.D
 Acq: 17 Jul 2019 14:34

Tgt Ion:225 Resp: 97
 Ion Ratio Lower Upper
 225 100
 223 0.0 31.5 94.5#
 227 129.9 32.0 96.2#



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 5.065 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056795.D

Acq: 17 Jul 2019 14:34

Instrument :

MSVOA_N

ClientSampleId :

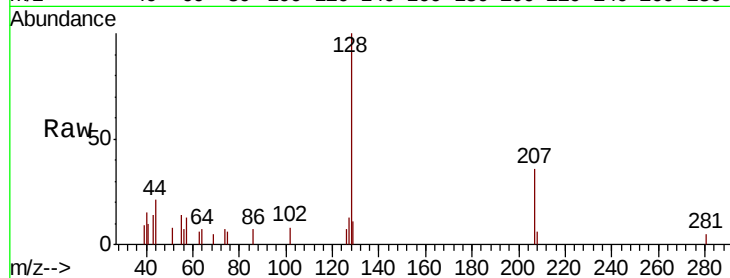
Tot Ion:128 Resp: 5423

Ion Ratio Lower Upper

128 100

127 10.3 10.3 15.5#

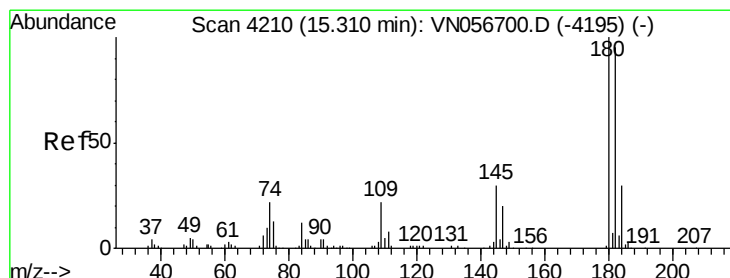
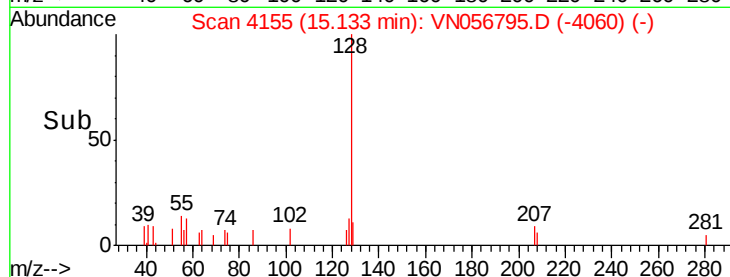
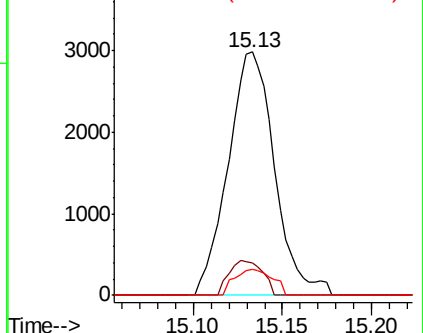
129 8.7 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 3.928 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056795.D

Acq: 17 Jul 2019 14:34

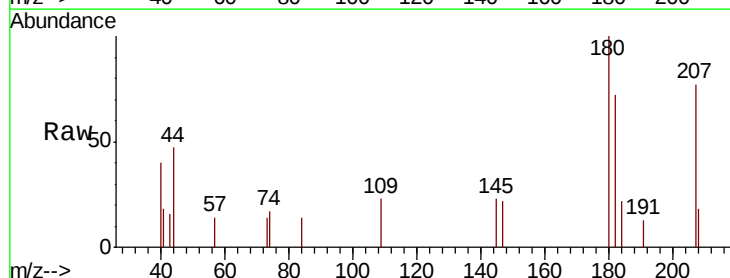
Tgt Ion:180 Resp: 2144

Ion Ratio Lower Upper

180 100

182 79.9 47.1 141.3

145 25.7 15.0 45.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

