

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073119\
 Data File : VN057001.D
 Acq On : 31 Jul 2019 10:01
 Operator : JC/SP
 Sample : K4066-17
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-13

Quant Time: Aug 01 01:16:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	567496	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	804469	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	653184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	185531	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	271931	46.81	ug/l	0.00
Spiked Amount			Recovery	=	93.62%	
35) Dibromofluoromethane	7.58	113	251121	48.76	ug/l	0.00
Spiked Amount			Recovery	=	97.52%	
50) Toluene-d8	10.08	98	937561	47.74	ug/l	0.00
Spiked Amount			Recovery	=	95.48%	
62) 4-Bromofluorobenzene	12.40	95	247262	38.67	ug/l	0.00
Spiked Amount			Recovery	=	77.34%	

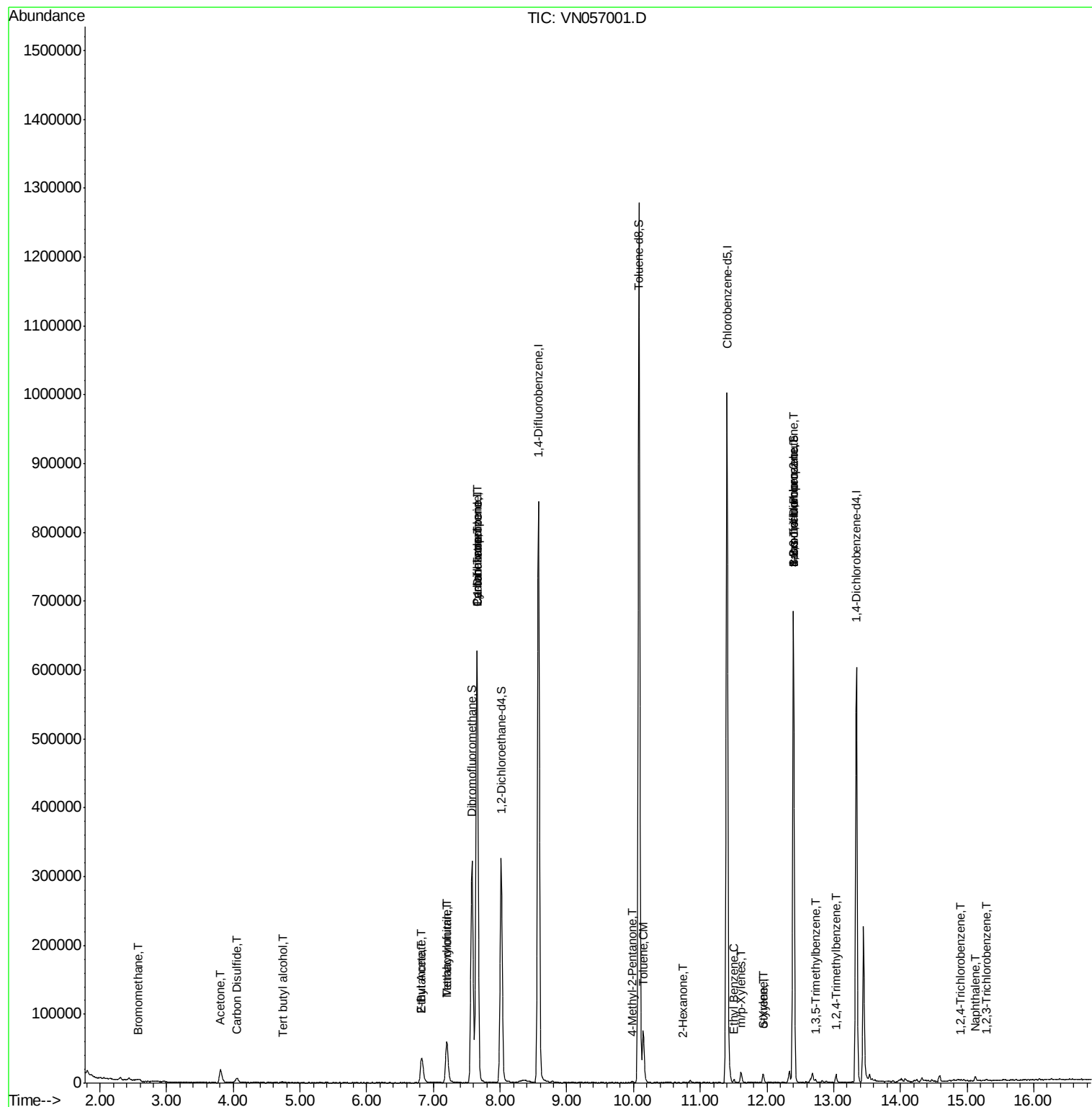
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.57	94	923	0.230	ug/l #	77
11) Tert butyl alcohol	4.75	59	183	0.233	ug/l #	74
16) Acetone	3.81	43	32810	15.590	ug/l	98
17) Carbon Disulfide	4.04	76	4210	0.318	ug/l #	75
25) 2-Butanone	6.82	43	66919	22.424	ug/l	99
29) Tetrahydrofuran	7.20	42	50754	26.067	ug/l	99
31) Cyclohexane	7.65	56	8431	0.883	ug/l #	1
36) 1,1-Dichloropropene	7.65	75	34860	4.925	ug/l #	49
37) Ethyl Acetate	6.82	43	66919	11.803	ug/l #	68
38) Carbon Tetrachloride	7.65	117	46642	6.966	ug/l #	17
41) Methacrylonitrile	7.20	41	29249	11.160	ug/l #	29
51) 4-Methyl-2-Pentanone	9.98	43	2091	0.376	ug/l #	86
52) Toluene	10.15	92	30407	2.321	ug/l	99
59) 2-Hexanone	10.75	43	523	2.621	ug/l #	23
67) Ethyl Benzene	11.50	91	4967	0.216	ug/l #	87
68) m/p-Xylenes	11.61	106	5122	0.603	ug/l	89
69) o-Xylene	11.94	106	2987	0.360	ug/l	81
70) Styrene	11.95	104	486	1.899	ug/l #	62
71) Bromoform	12.40	173	2154	0.616	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.33	83	730	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	112583	29.880	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	2738	0.208	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	112583	96.004	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	7602	0.600	ug/l	98
93) 1,2,4-Trichlorobenzene	14.90	180	809	2.948	ug/l	75
94) Hexachlorobutadiene	15.01	225	90	Below Cal	#	19
95) Naphthalene	15.13	128	6639	4.370	ug/l	96
96) 1,2,3-Trichlorobenzene	15.29	180	605	2.227	ug/l #	26

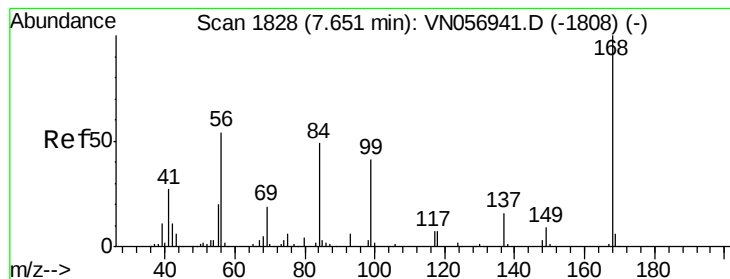
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 01 01:16:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 01:33:29 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: VN057001.D

Acq: 31 Jul 2019 10:01

Instrument :

MSVOA_N

ClientSampled :

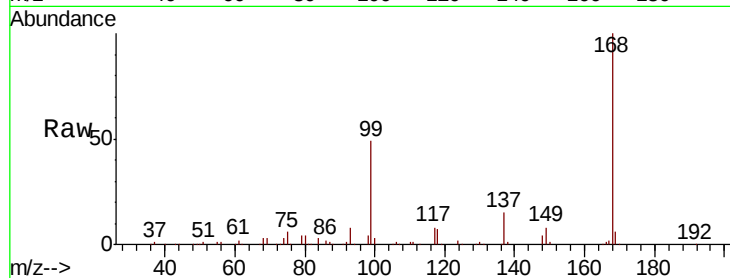
TP-13

Tot Ion:168 Resp: 567496

Ion Ratio Lower Upper

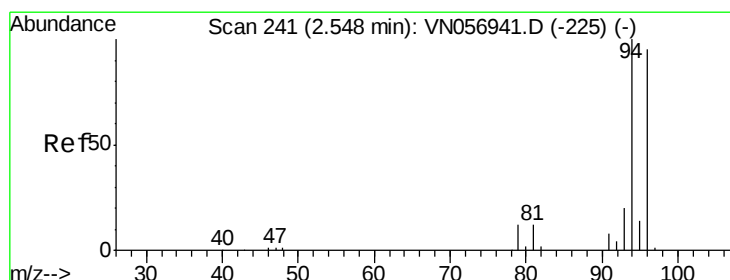
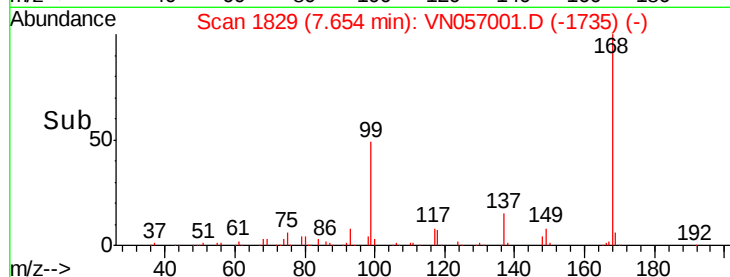
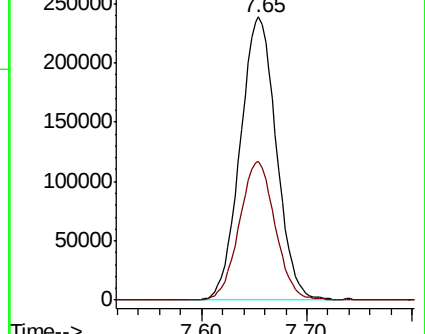
168 100

99 48.8 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#5

Bromomethane

Concen: 0.230 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.03 min

Lab File: VN057001.D

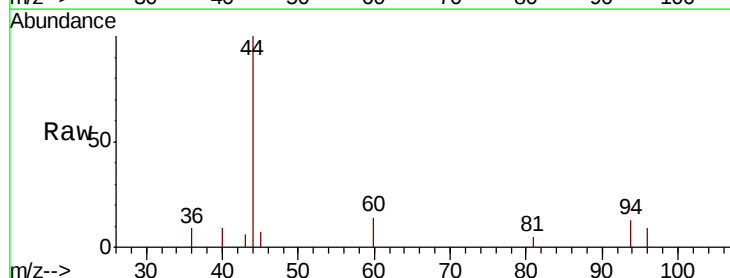
Acq: 31 Jul 2019 10:01

Tgt Ion: 94 Resp: 923

Ion Ratio Lower Upper

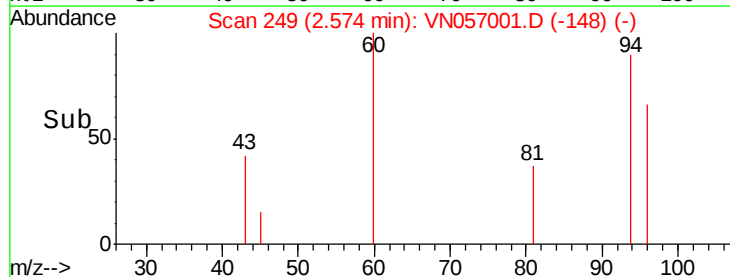
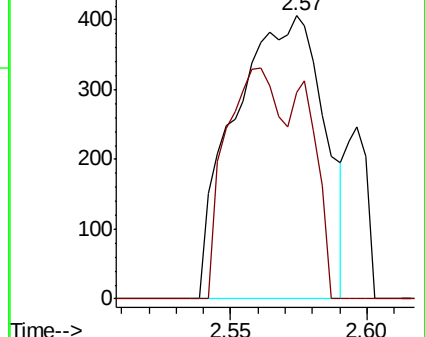
94 100

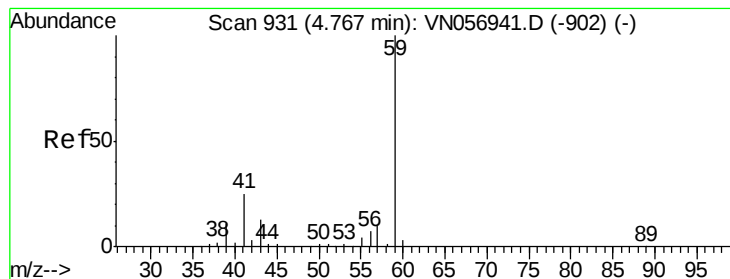
96 72.9 76.2 114.2#



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO





#11

Tert butyl alcohol

Concen: 0.233 ug/l

RT: 4.75 min Scan# 925

Delta R.T. -0.02 min

Lab File: VN057001.D

Acq: 31 Jul 2019 10:01

Instrument :

MSVOA_N

ClientSampled :

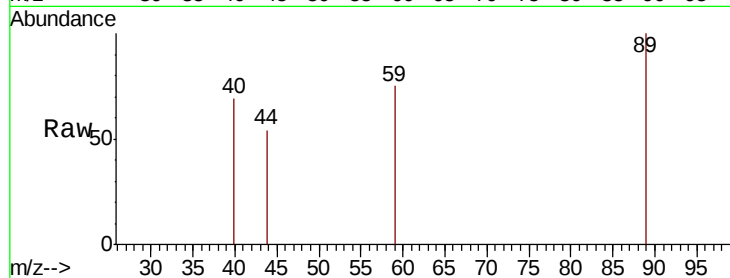
TP-13

Tot Ion: 59 Resp: 183

Ion Ratio Lower Upper

59 100

57 0.0 7.5 11.3#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.75

400

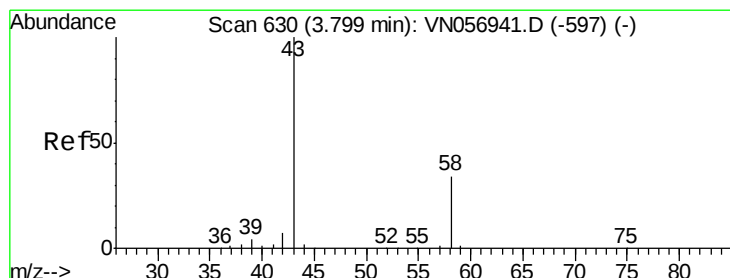
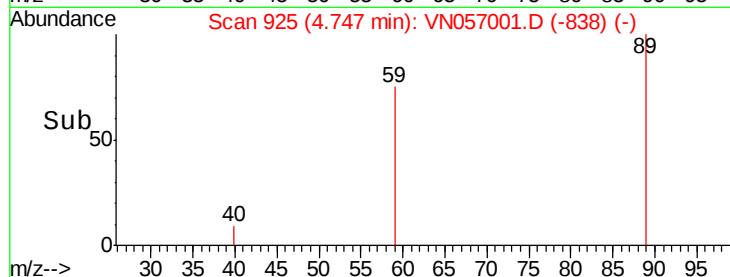
300

200

100

0

Time-->



#16

Acetone

Concen: 15.590 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN057001.D

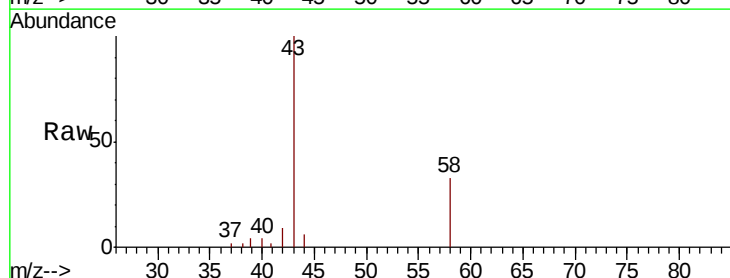
Acq: 31 Jul 2019 10:01

Tgt Ion: 43 Resp: 32810

Ion Ratio Lower Upper

43 100

58 32.9 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

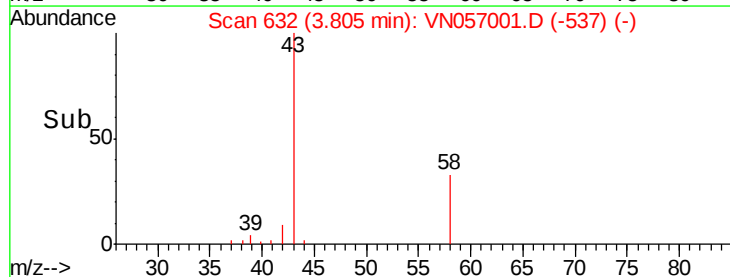
15000

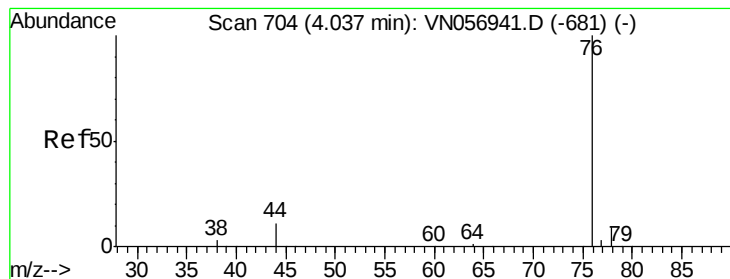
10000

5000

0

Time-->





#17

Carbon Disulfide

Concen: 0.318 ug/l

RT: 4.04 min Scan# 704

Delta R.T. 0.00 min

Lab File: VN057001.D

Acq: 31 Jul 2019 10:01

Instrument :

MSVOA_N

ClientSampled :

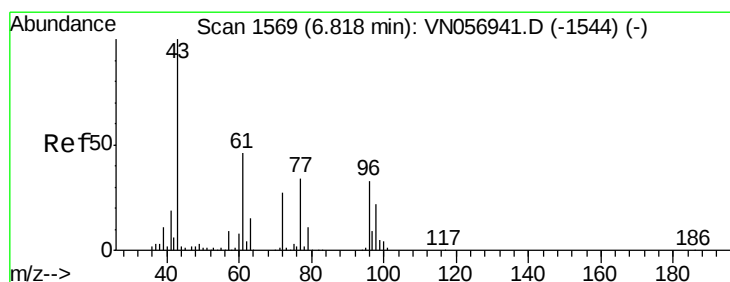
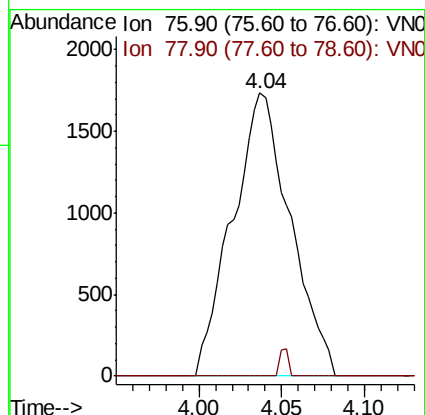
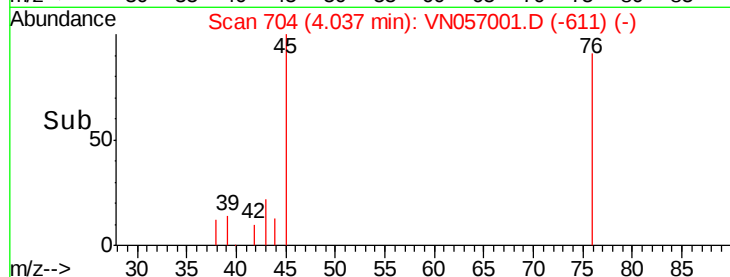
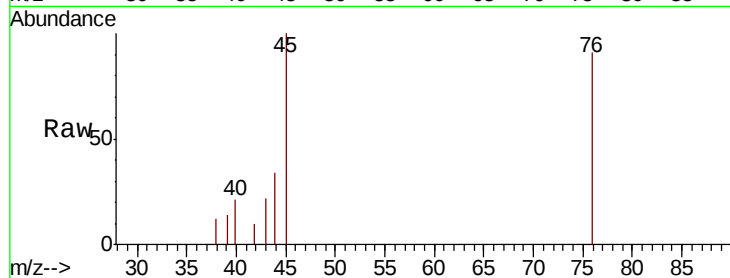
TP-13

Tot Ion: 76 Resp: 4210

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



#25

2-Butanone

Concen: 22.424 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.01 min

Lab File: VN057001.D

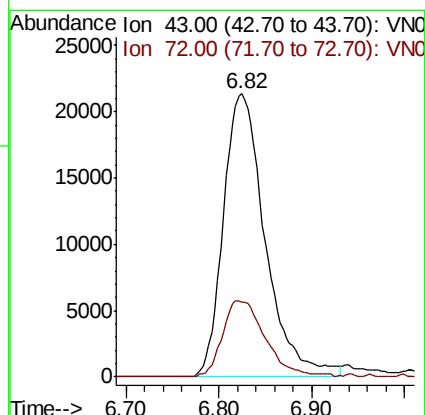
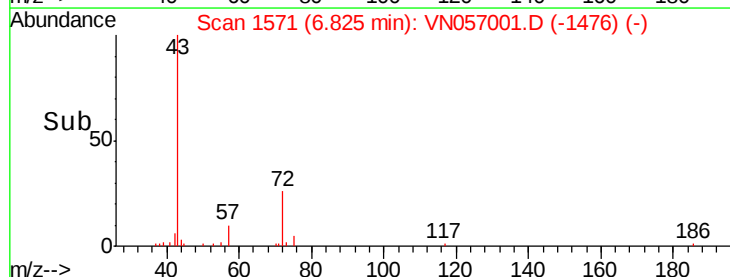
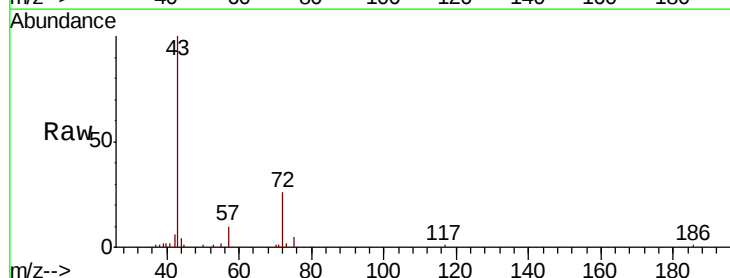
Acq: 31 Jul 2019 10:01

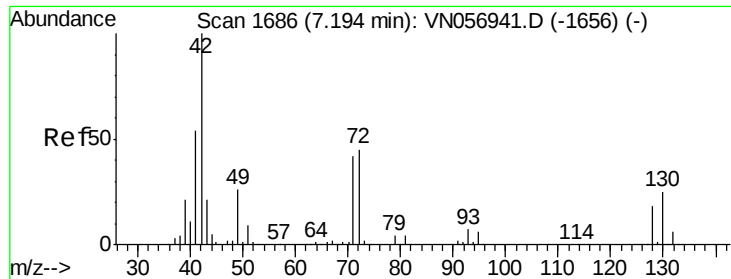
Tgt Ion: 43 Resp: 66919

Ion Ratio Lower Upper

43 100

72 26.5 21.5 32.3

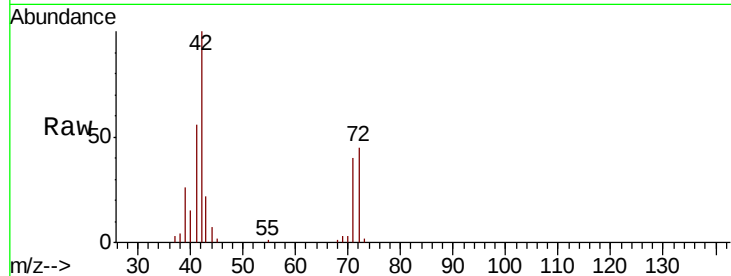




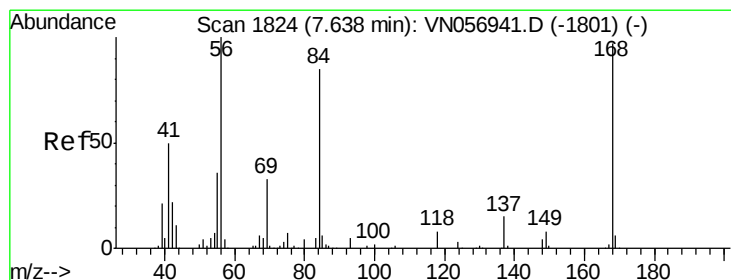
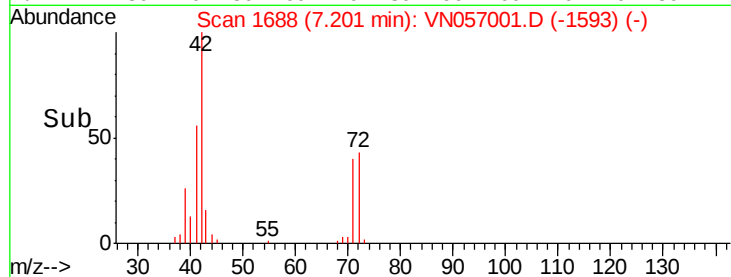
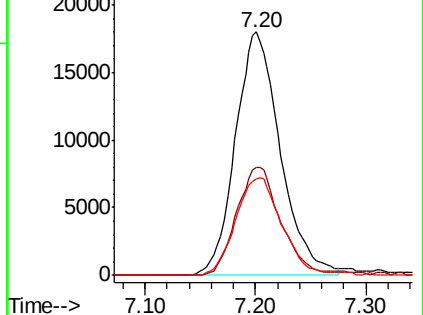
#29
Tetrahydrofuran
Concen: 26.067 ug/l
RT: 7.20 min Scan# 1688
Delta R.T. 0.01 min
Lab File: VN057001.D
Acq: 31 Jul 2019 10:01

Instrument :
MSVOA_N
ClientSampleID :
TP-13

Tot Ion: 42 Resp: 50754
Ion Ratio Lower Upper
42 100
72 44.1 35.6 53.4
71 40.8 33.5 50.3

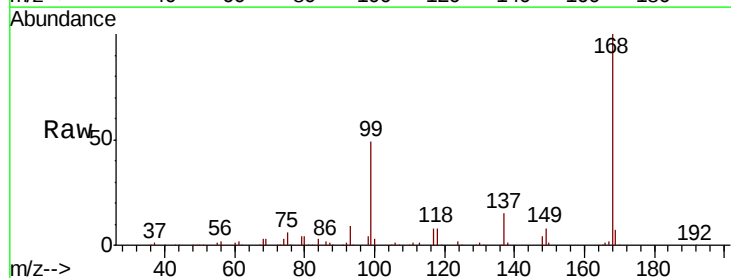


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

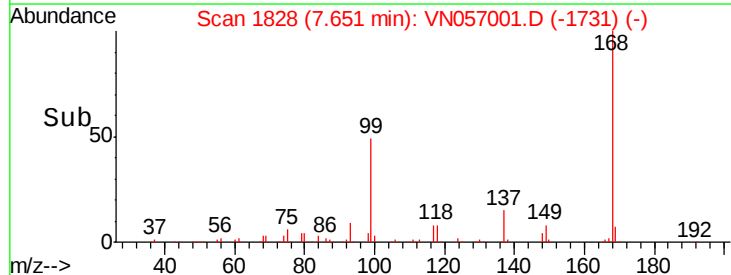
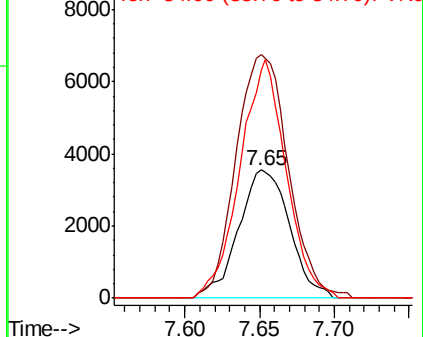


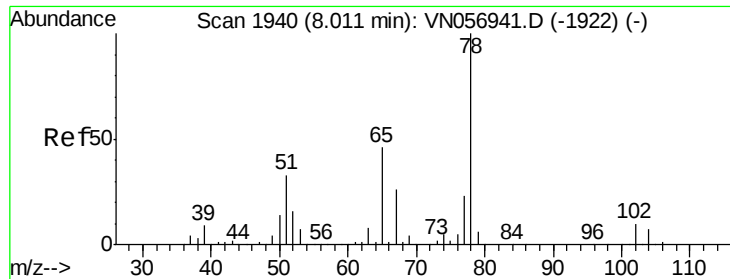
#31
Cyclohexane
Concen: 0.883 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.01 min
Lab File: VN057001.D
Acq: 31 Jul 2019 10:01

Tgt Ion: 56 Resp: 8431
Ion Ratio Lower Upper
56 100
69 190.1 26.2 39.2#
84 178.0 68.2 102.2#



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

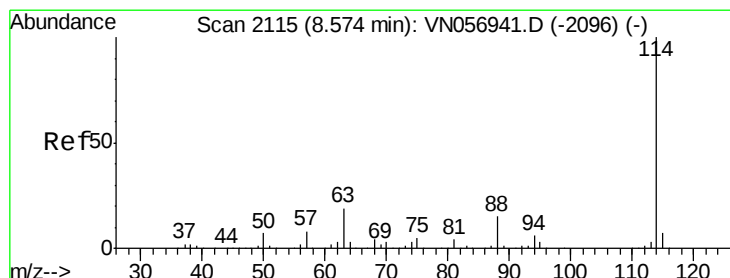
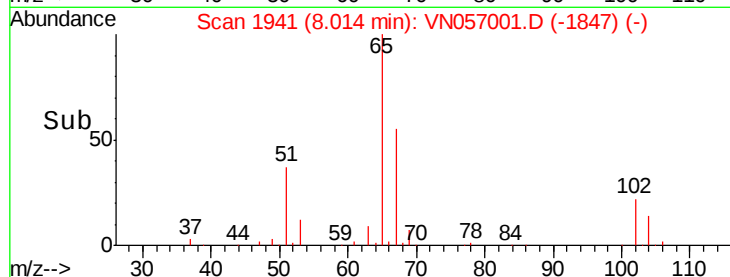
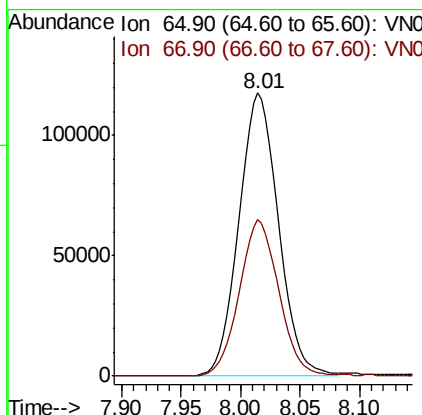
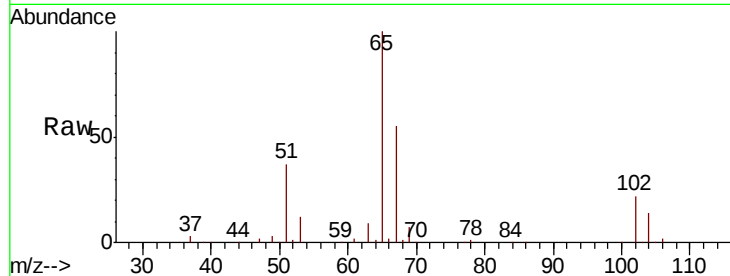




#33
 1,2-Dichloroethane-d4
 Concen: 46.811 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057001.D
 Acq: 31 Jul 2019 10:01

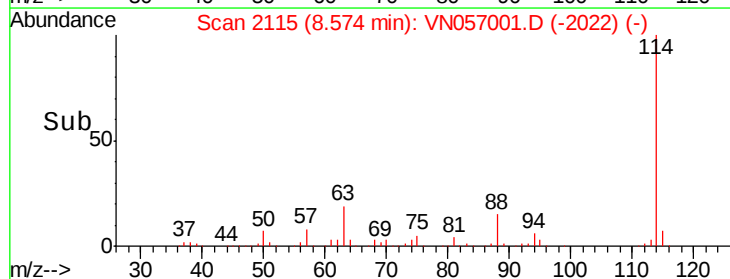
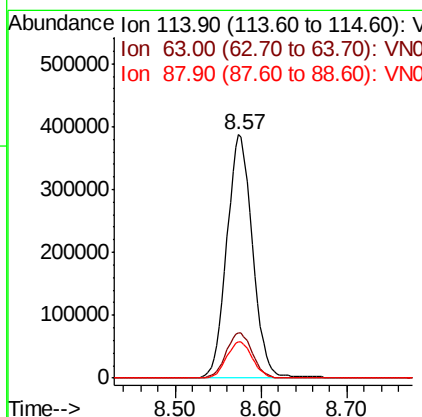
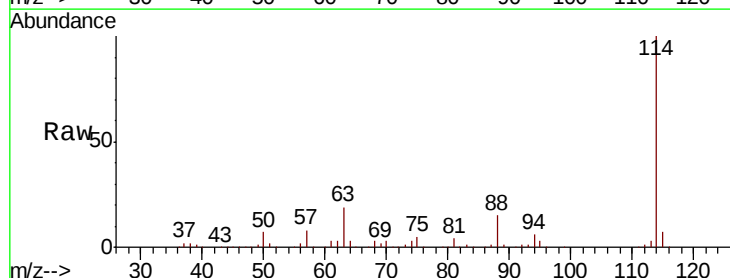
Instrument :
 MSVOA_N
 ClientSampled :
 TP-13

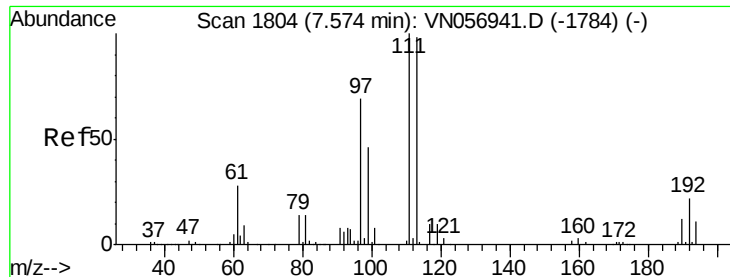
Tot Ion: 65 Resp: 271931
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN057001.D
 Acq: 31 Jul 2019 10:01

Tgt Ion: 114 Resp: 804469
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 38.0
 88 15.1 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.762 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN057001.D

Acq: 31 Jul 2019 10:01

Instrument :
MSVOA_N
ClientSampled :
TP-13

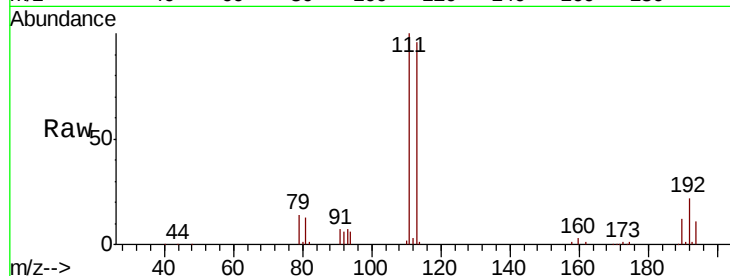
Tot Ion:113 Resp: 251121

Ion Ratio Lower Upper

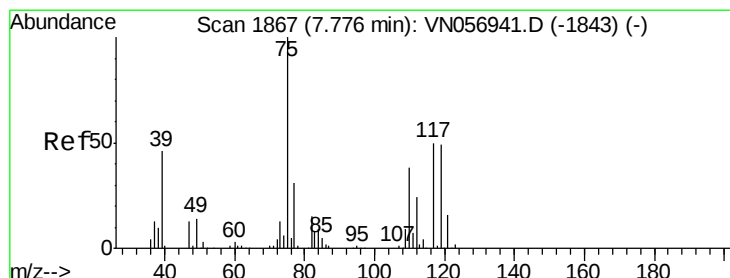
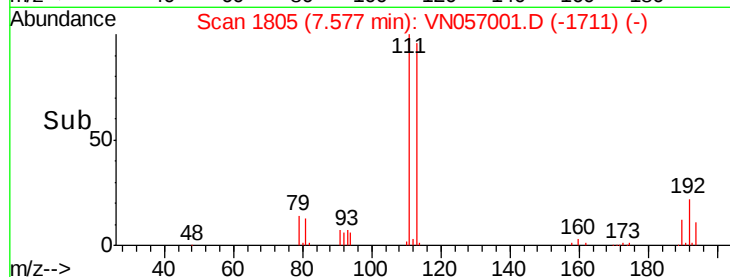
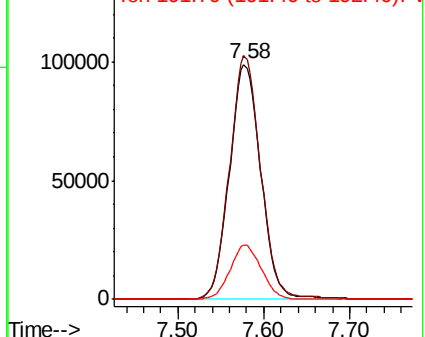
113 100

111 101.8 82.0 123.0

192 23.1 18.4 27.6



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



#36

1,1-Dichloropropene

Concen: 4.925 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.13 min

Lab File: VN057001.D

Acq: 31 Jul 2019 10:01

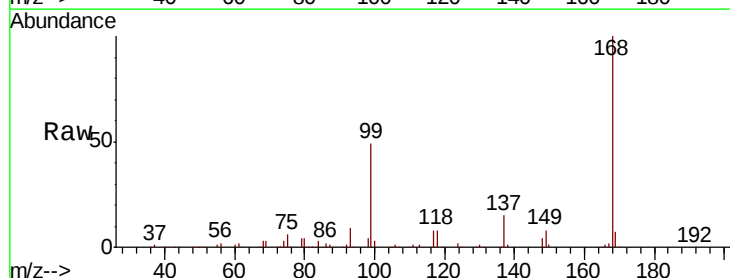
Tgt Ion: 75 Resp: 34860

Ion Ratio Lower Upper

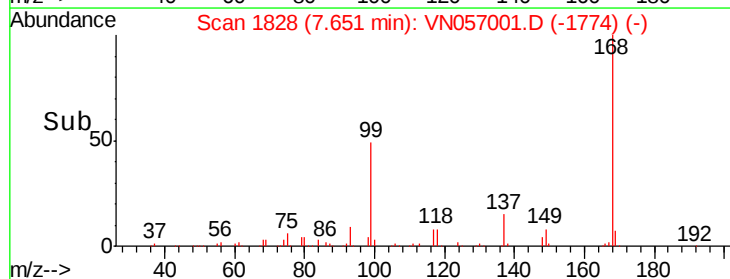
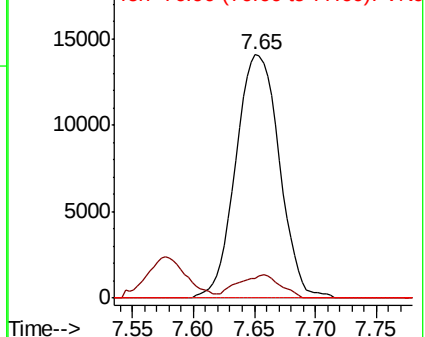
75 100

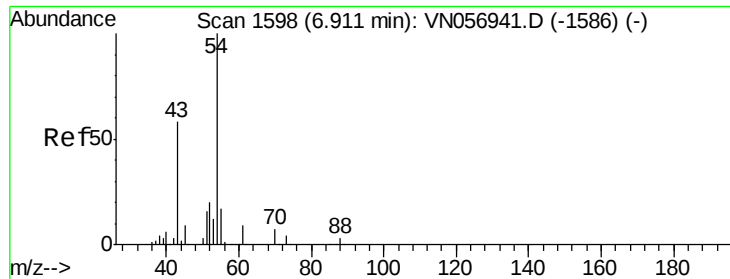
110 9.3 18.6 55.8#

77 0.0 25.2 37.8#



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

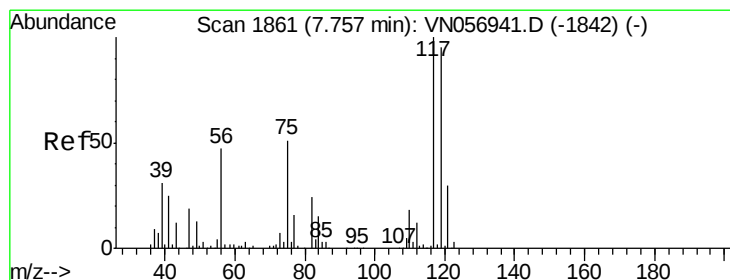
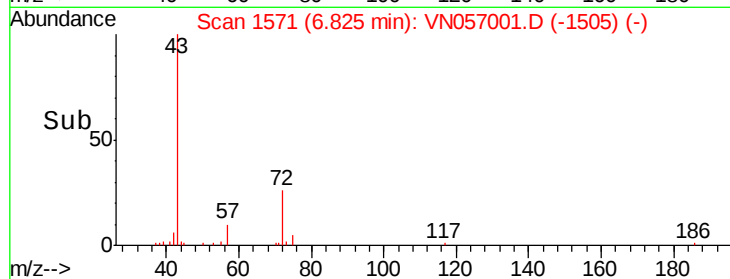
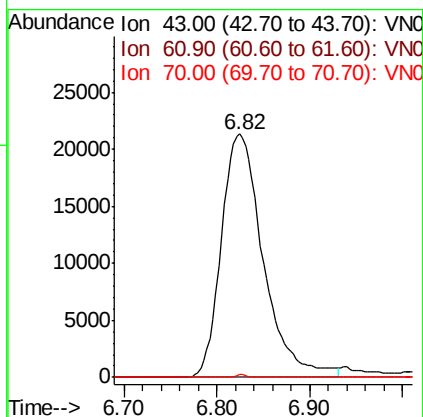
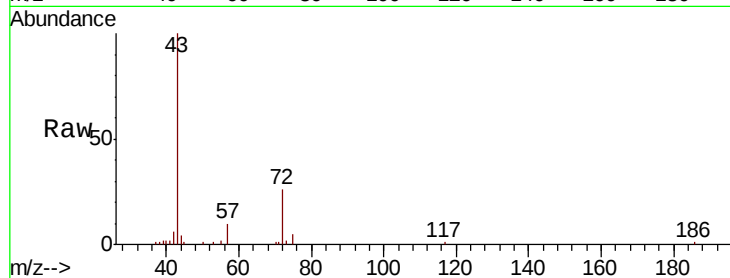




#37
Ethyl Acetate
Concen: 11.803 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. -0.09 min
Lab File: VN057001.D
Acq: 31 Jul 2019 10:01

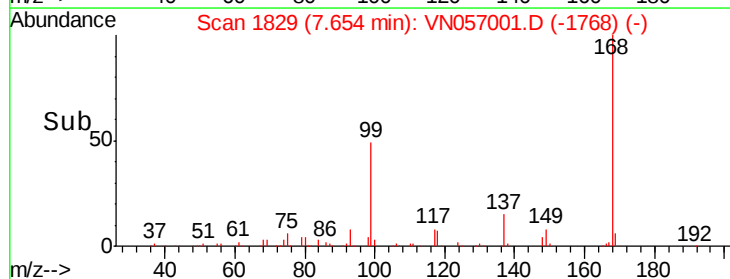
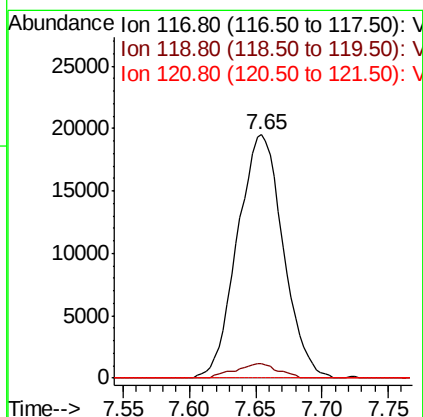
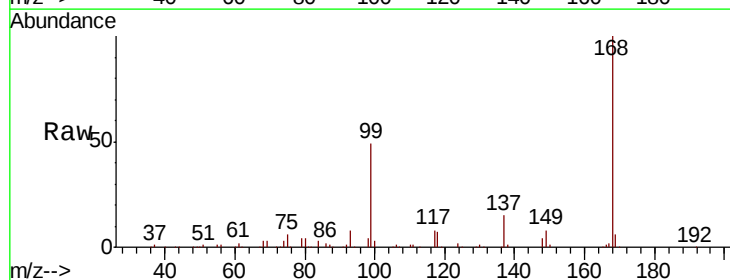
Instrument :
MSVOA_N
ClientSampled :
TP-13

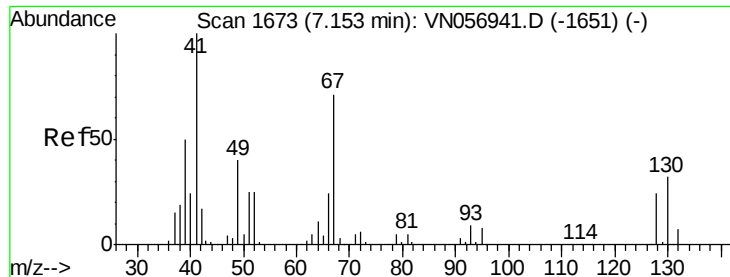
Tot Ion: 43 Resp: 66919
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.3 8.5 12.7#



#38
Carbon Tetrachloride
Concen: 6.966 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.10 min
Lab File: VN057001.D
Acq: 31 Jul 2019 10:01

Tgt Ion: 117 Resp: 46642
Ion Ratio Lower Upper
117 100
119 5.7 75.3 112.9#
121 0.0 24.2 36.4#

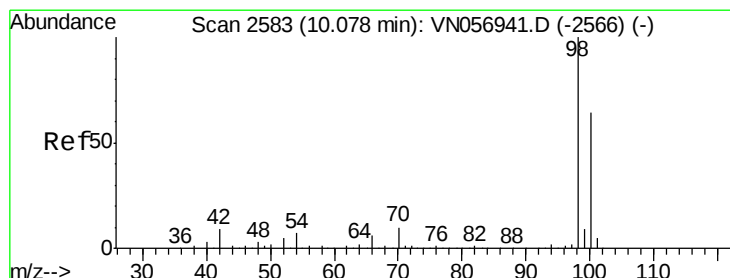
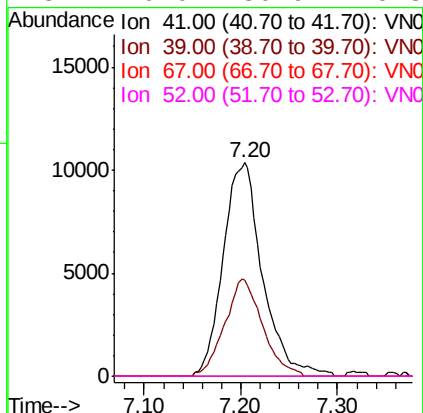
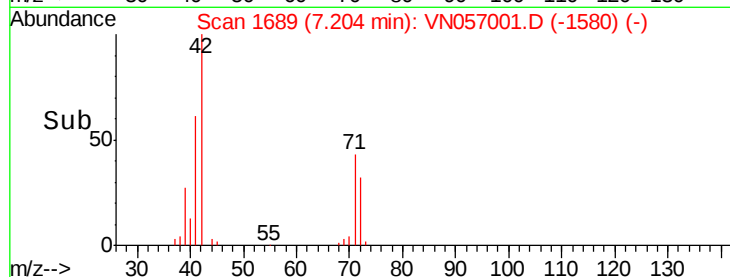
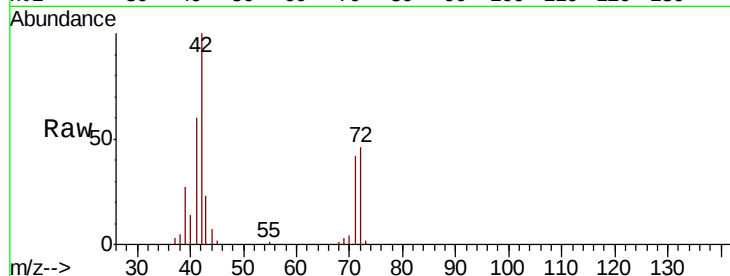




#41
Methacrylonitrile
Concen: 11.160 ug/l
RT: 7.20 min Scan# 1689
Delta R.T. 0.05 min
Lab File: VN057001.D
Acq: 31 Jul 2019 10:01

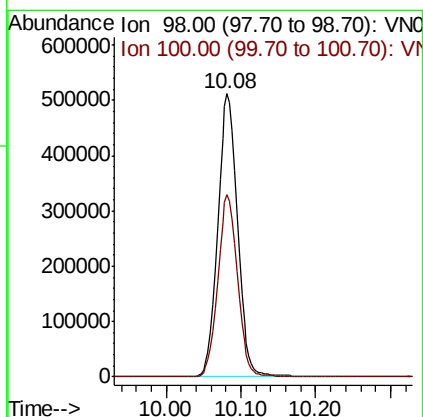
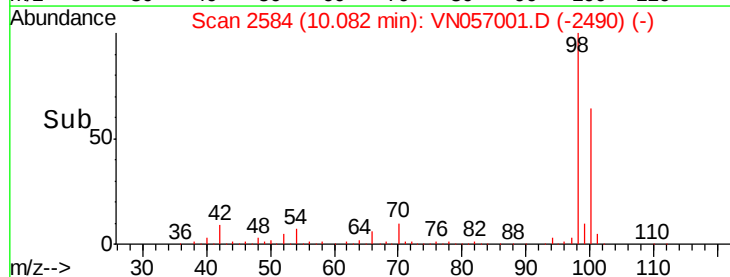
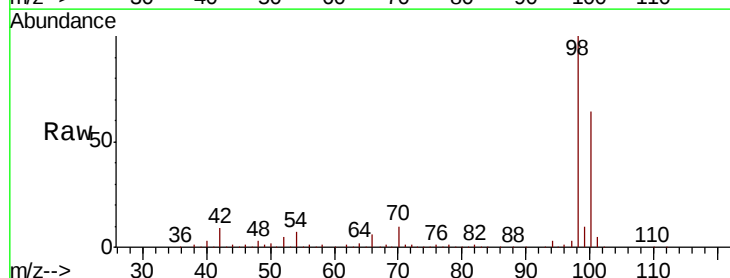
Instrument :
MSVOA_N
ClientSampleId :
TP-13

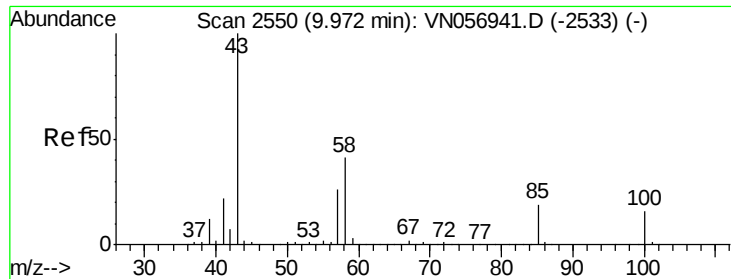
Tot Ion: 41 Resp: 29249
Ion Ratio Lower Upper
41 100
39 43.8 48.9 73.3#
67 0.0 83.4 125.0#
52 0.0 30.9 46.3#



#50
Toluene-d8
Concen: 47.739 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN057001.D
Acq: 31 Jul 2019 10:01

Tgt Ion: 98 Resp: 937561
Ion Ratio Lower Upper
98 100
100 63.9 51.3 76.9





#51

4-Methyl-2-Pentanone

Concen: 0.376 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.01 min

Lab File: VN057001.D

Acq: 31 Jul 2019 10:01

Instrument :

MSVOA_N

ClientSampled :

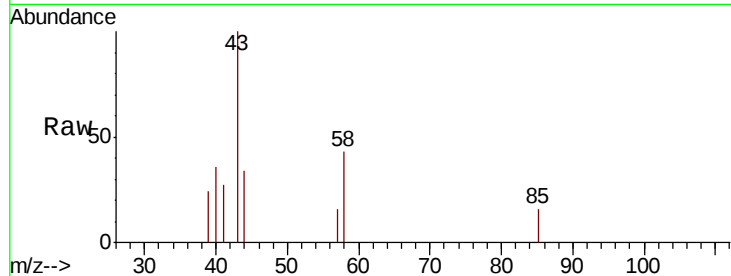
TP-13

Tot Ion: 43 Resp: 2091

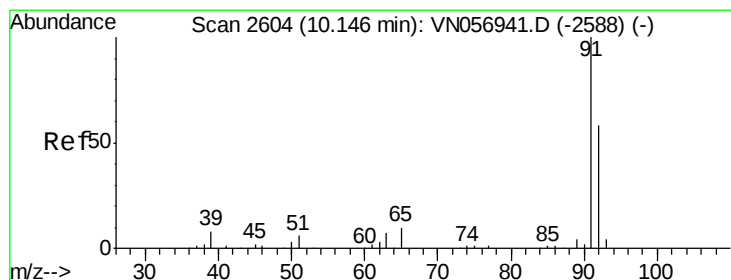
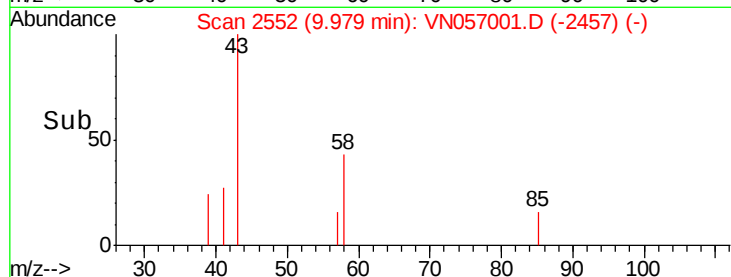
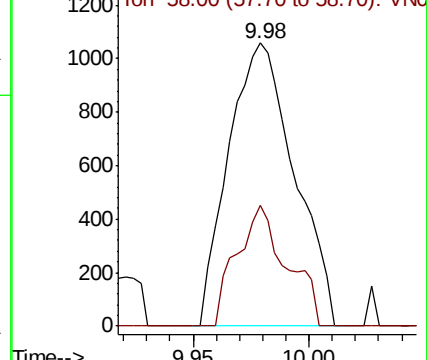
Ion Ratio Lower Upper

43 100

58 32.6 33.1 49.7#



Abundance Ion 43.00 (42.70 to 43.70): VN056941.D (-2533) (-)



#52

Toluene

Concen: 2.321 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN057001.D

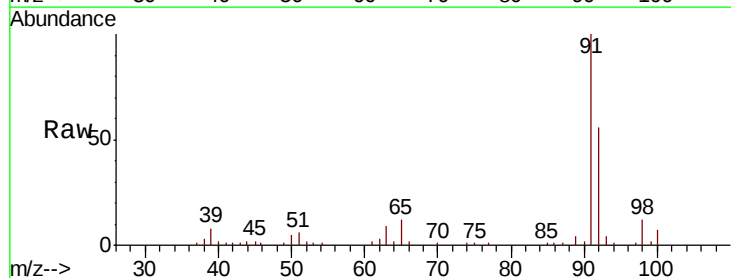
Acq: 31 Jul 2019 10:01

Tgt Ion: 92 Resp: 30407

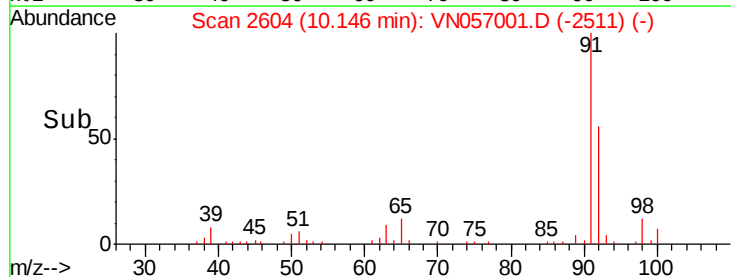
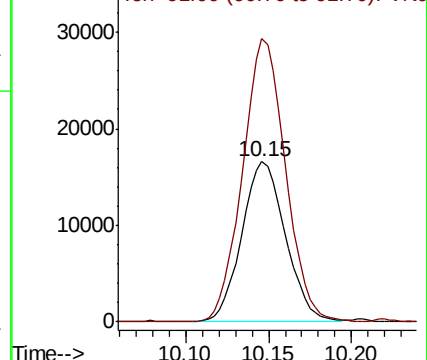
Ion Ratio Lower Upper

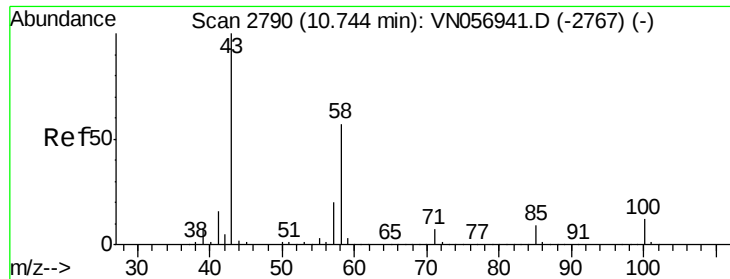
92 100

91 173.5 138.0 207.0



Abundance Ion 92.00 (91.70 to 92.70): VN056941.D (-2588) (-)

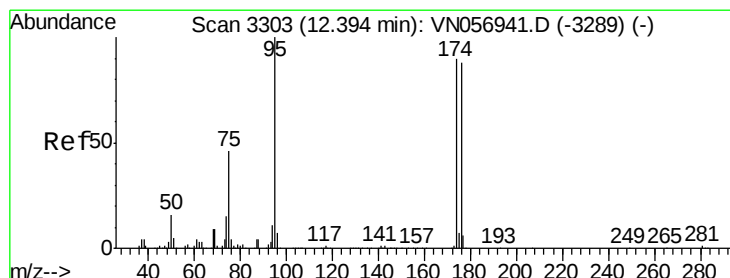
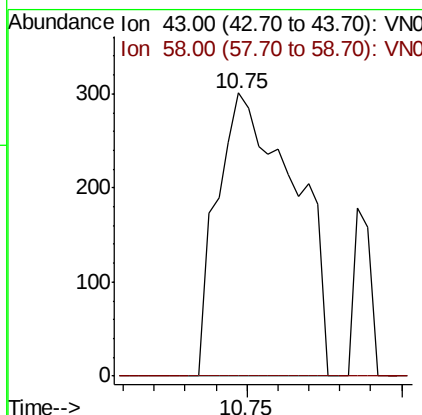
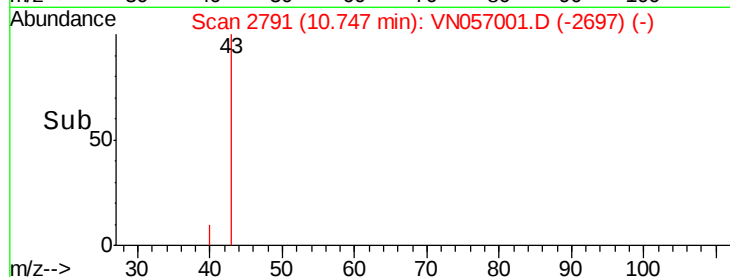
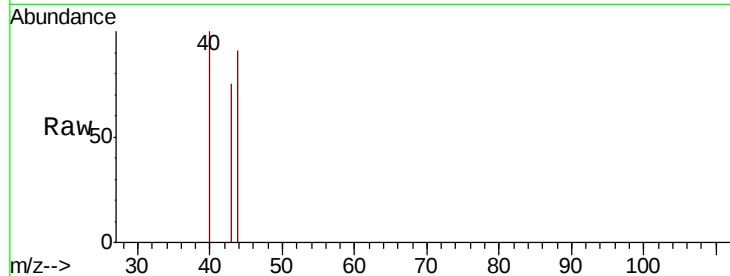




#59
2-Hexanone
Concen: 2.621 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN057001.D
Acq: 31 Jul 2019 10:01

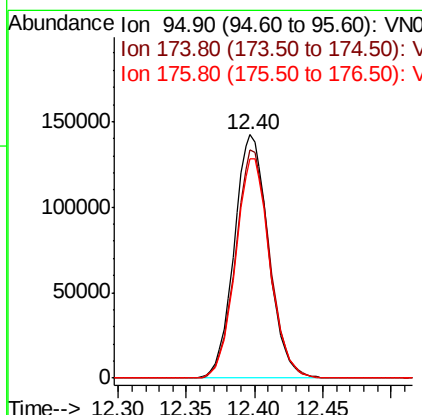
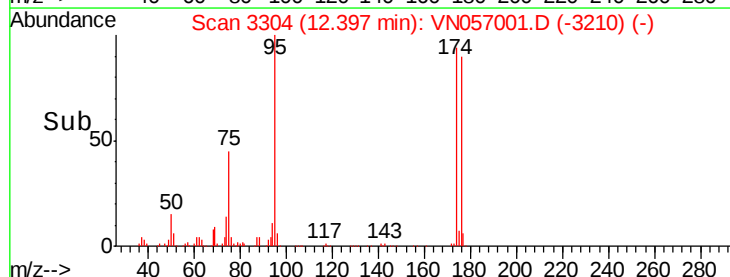
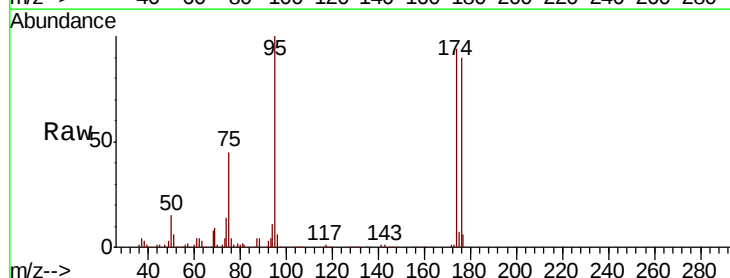
Instrument :
MSVOA_N
ClientSampleId :
TP-13

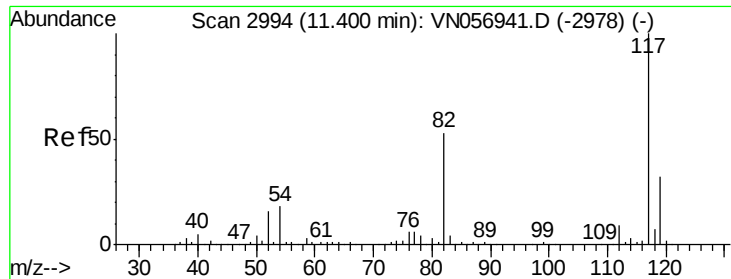
Tot Ion: 43 Resp: 523
Ion Ratio Lower Upper
43 100
58 0.0 28.5 85.5#



#62
4-Bromofluorobenzene
Concen: 38.674 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN057001.D
Acq: 31 Jul 2019 10:01

Tgt Ion: 95 Resp: 247262
Ion Ratio Lower Upper
95 100
174 93.9 0.0 182.2
176 90.3 0.0 179.4

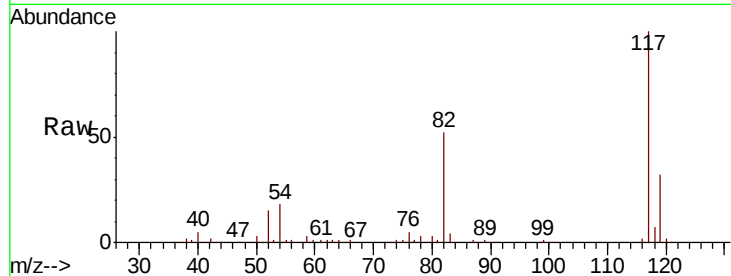




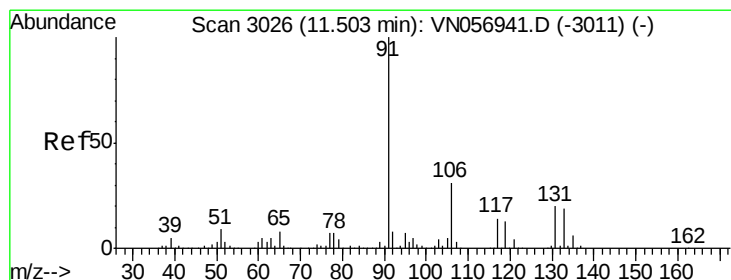
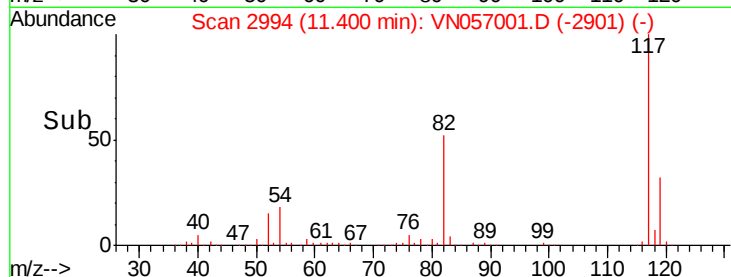
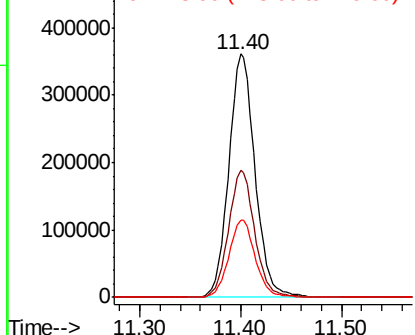
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN057001.D
Acq: 31 Jul 2019 10:01

Instrument :
MSVOA_N
ClientSampled :
TP-13

Tot Ion:117 Resp: 653184
Ion Ratio Lower Upper
117 100
82 52.1 42.2 63.4
119 31.7 25.8 38.6

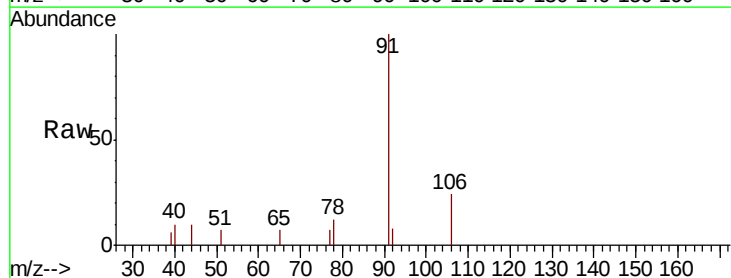


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

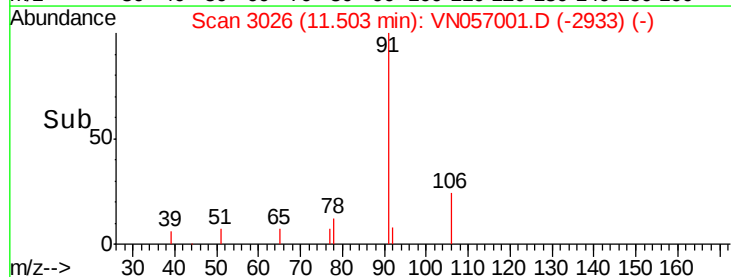
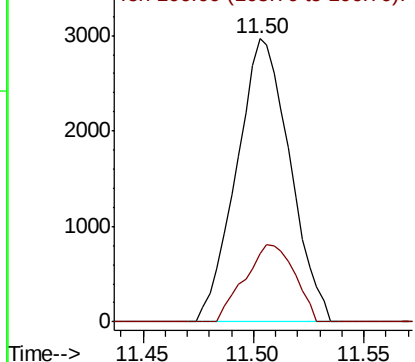


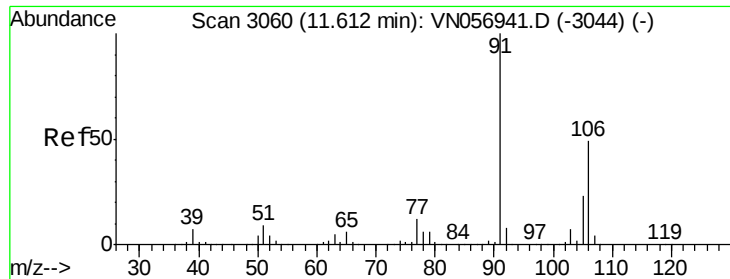
#67
Ethyl Benzene
Concen: 0.216 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN057001.D
Acq: 31 Jul 2019 10:01

Tgt Ion: 91 Resp: 4967
Ion Ratio Lower Upper
91 100
106 24.3 25.1 37.7#



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 106.00 (105.70 to 106.70): V

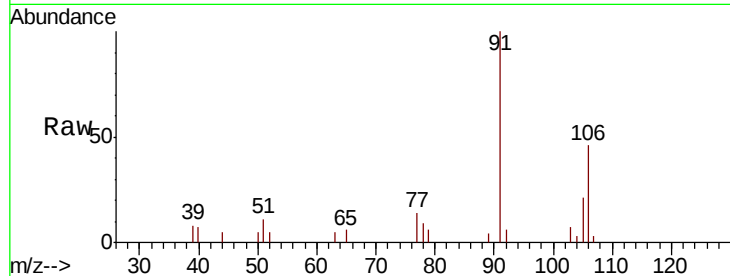




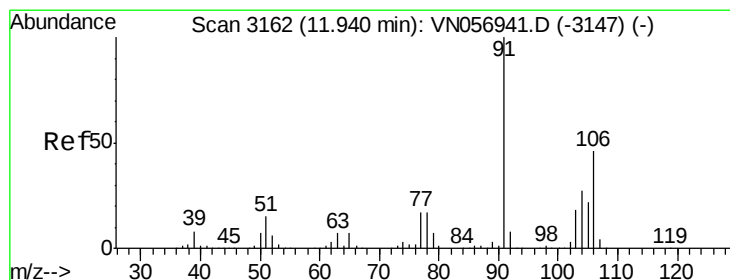
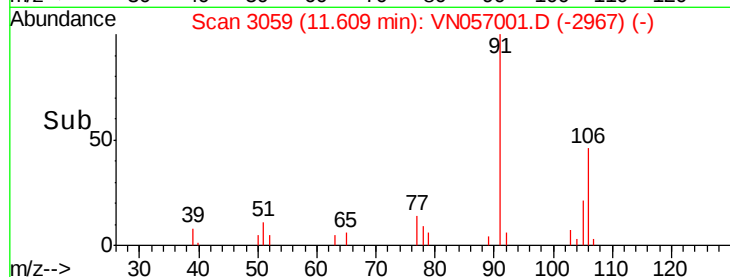
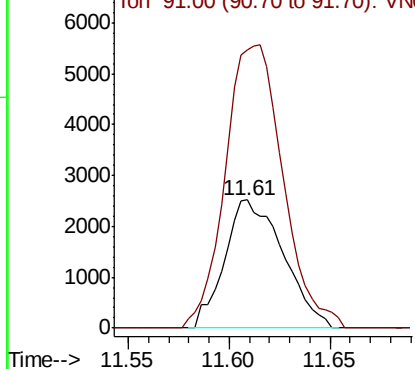
#68
m/p-Xvlenes
Concen: 0.603 ug/l
RT: 11.61 min Scan# 3059
Delta R.T. -0.00 min
Lab File: VN057001.D
Acq: 31 Jul 2019 10:01

Instrument :
MSVOA_N
ClientSampled :
TP-13

Tot Ion:106 Resp: 5122
Ion Ratio Lower Upper
106 100
91 217.0 160.0 240.0

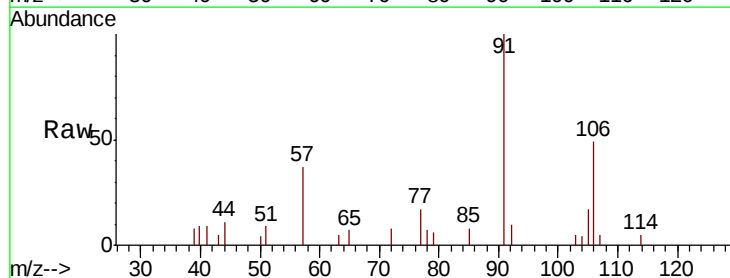


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

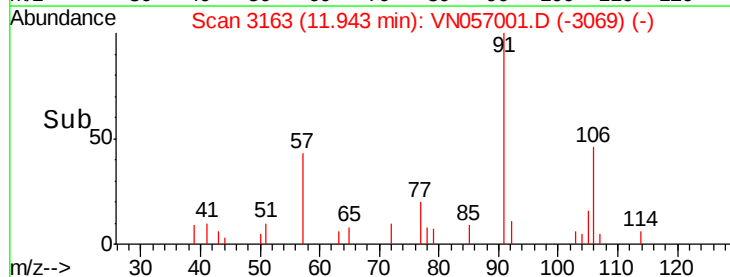
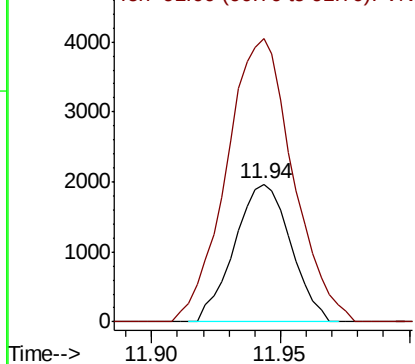


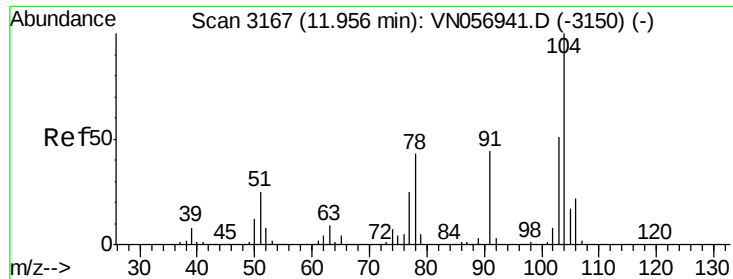
#69
o-Xylene
Concen: 0.360 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN057001.D
Acq: 31 Jul 2019 10:01

Tgt Ion:106 Resp: 2987
Ion Ratio Lower Upper
106 100
91 242.5 106.2 318.6



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

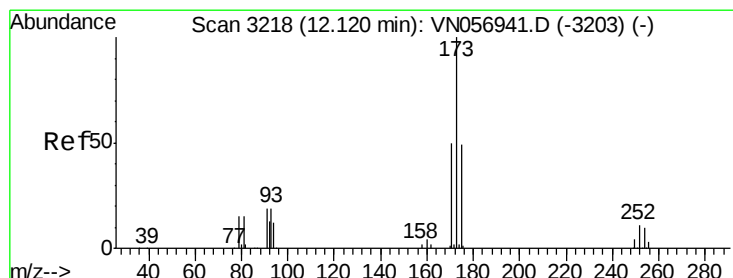
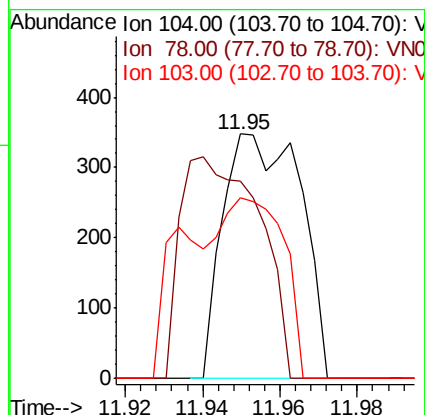
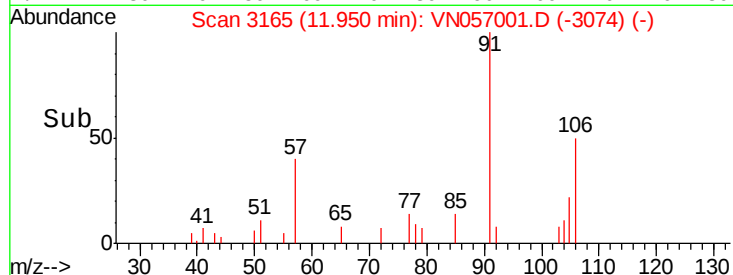
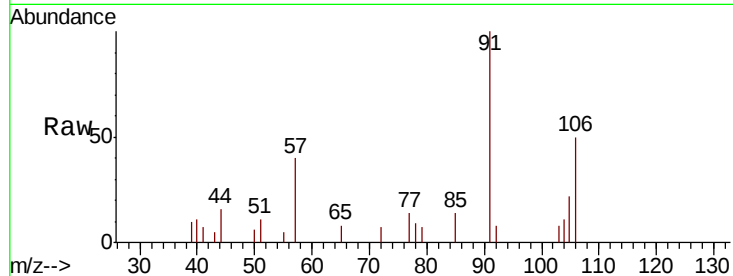




#70
Stvrene
Concen: 1.899 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.01 min
Lab File: VN057001.D
Acq: 31 Jul 2019 10:01

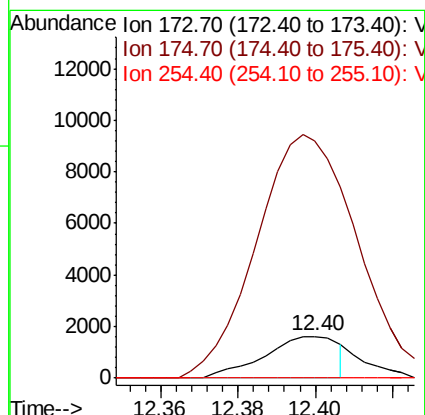
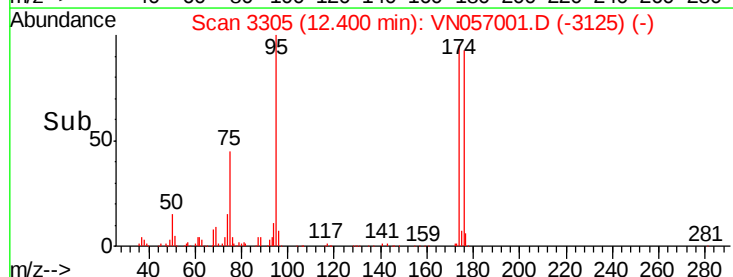
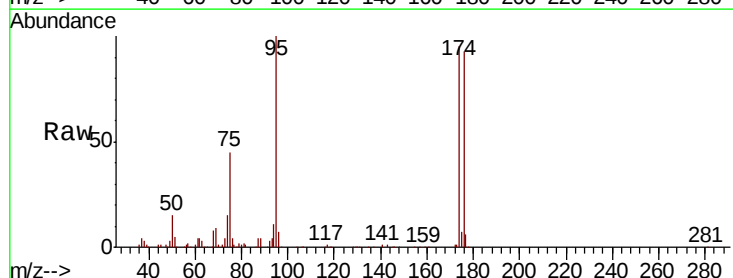
Instrument :
MSVOA_N
ClientSampled :
TP-13

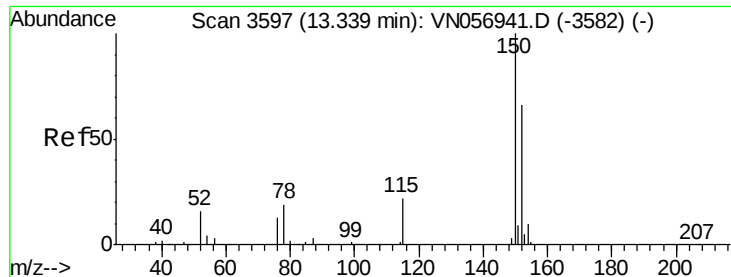
Tot Ion:104 Resp: 486
Ion Ratio Lower Upper
104 100
78 0.0 38.1 57.1#
103 62.8 44.3 66.5



#71
Bromoform
Concen: 0.616 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.28 min
Lab File: VN057001.D
Acq: 31 Jul 2019 10:01

Tgt Ion:173 Resp: 2154
Ion Ratio Lower Upper
173 100
175 631.6 24.1 72.4#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN057001.D

Acq: 31 Jul 2019 10:01

Instrument :

MSVOA_N

ClientSampled :

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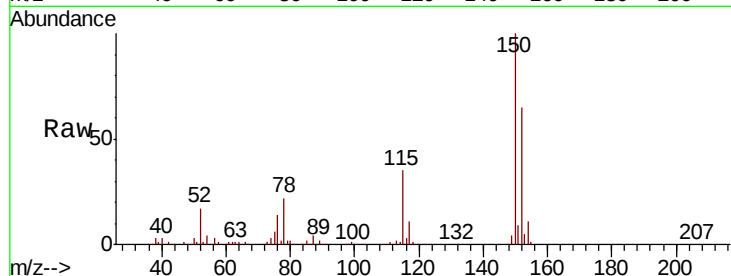
Tot Ion:152 Resp: 185531

Ion Ratio Lower Upper

152 100

115 54.1 28.2 84.6

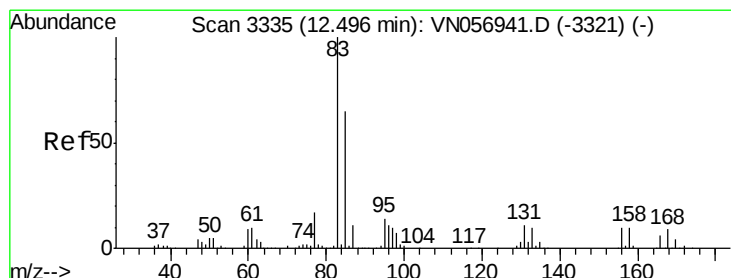
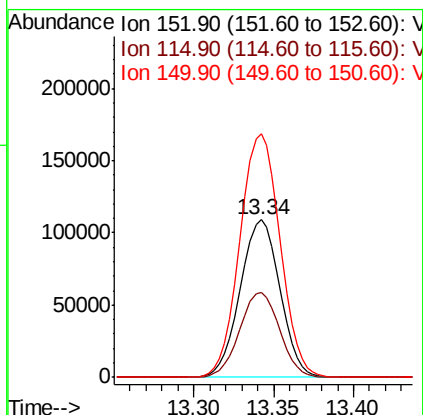
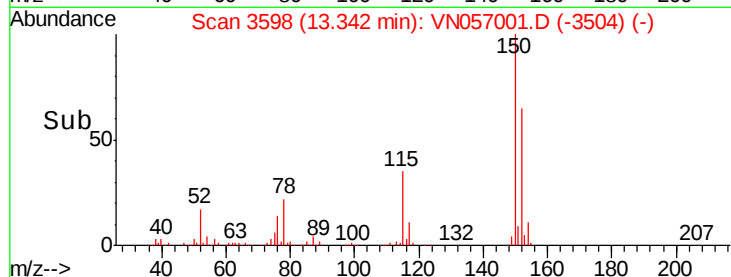
150 155.7 0.0 349.4



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: 12.33 min Scan# 3284

Delta R.T. -0.16 min

Lab File: VN057001.D

Acq: 31 Jul 2019 10:01

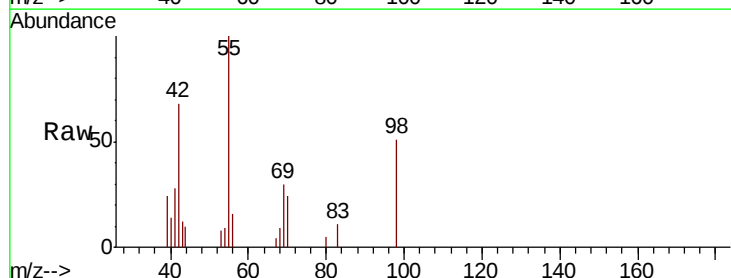
Tgt Ion: 83 Resp: 730

Ion Ratio Lower Upper

83 100

131 0.0 5.3 16.1#

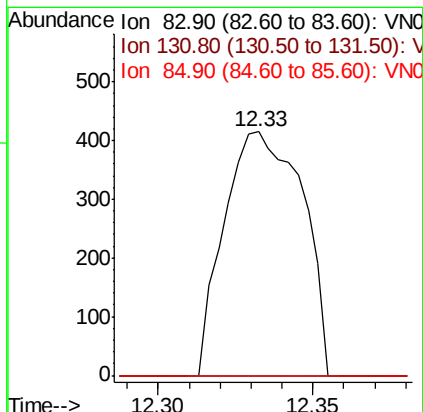
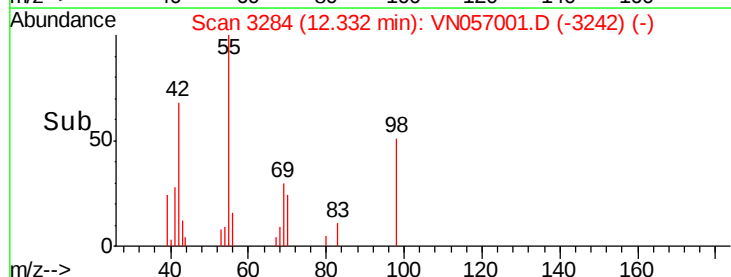
85 0.0 32.5 97.4#

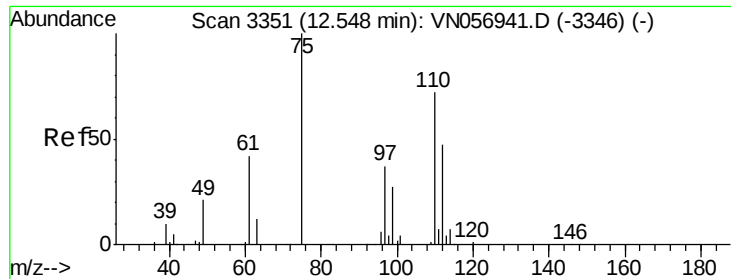


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V

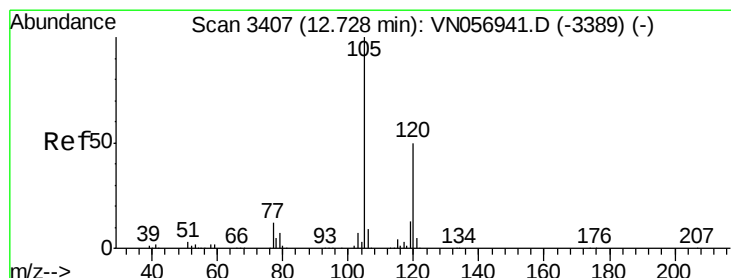
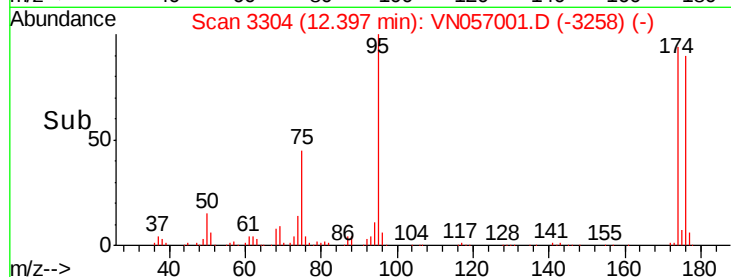
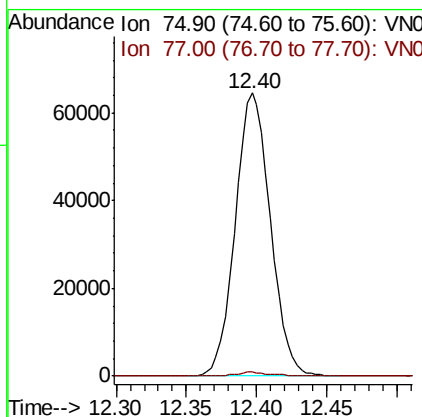
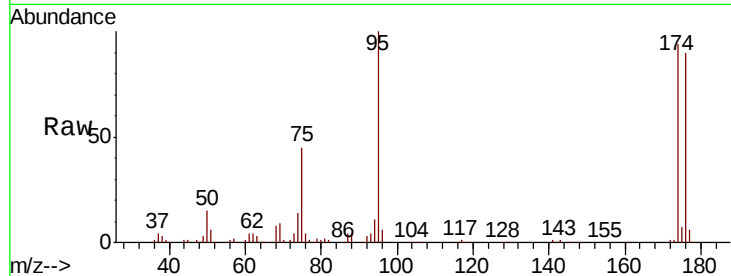




#76
 1,2,3-Trichloropropane
 Concen: 29.880 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.15 min
 Lab File: VN057001.D
 Acq: 31 Jul 2019 10:01

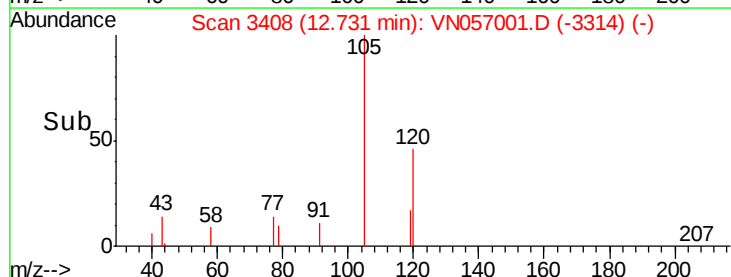
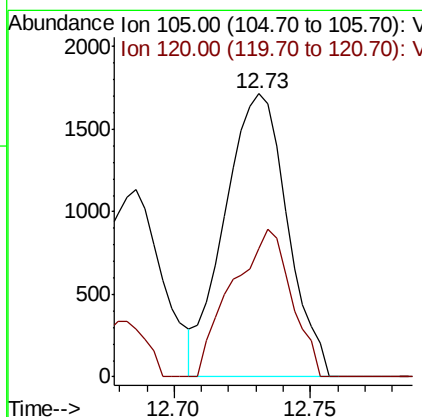
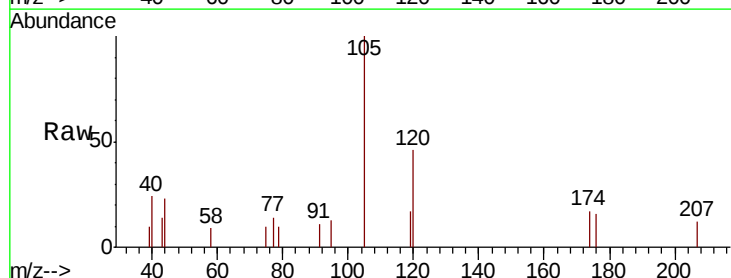
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-13

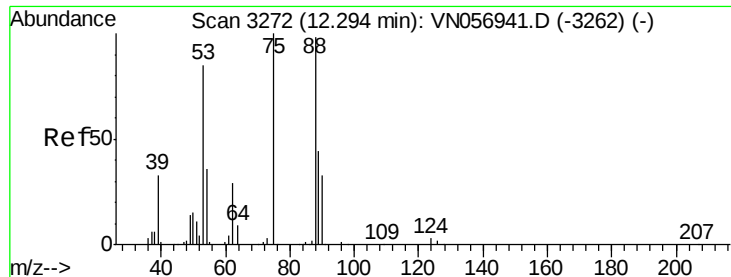
Tot Ion: 75 Resp: 112583
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.208 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN057001.D
 Acq: 31 Jul 2019 10:01

Tgt Ion: 105 Resp: 2738
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 96.004 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN057001.D

Acq: 31 Jul 2019 10:01

Instrument :

MSVOA_N

ClientSampleId :

TP-13

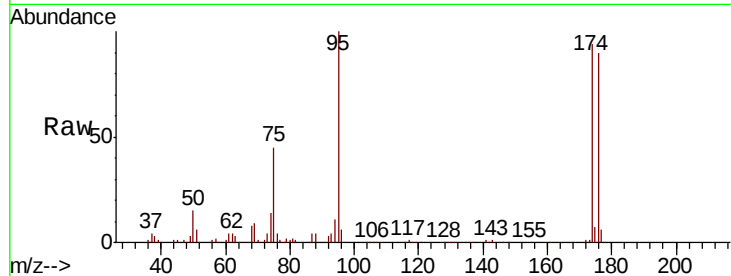
Tot Ion: 75 Resp: 112583

Ion Ratio Lower Upper

75 100

53 0.0 69.3 103.9#

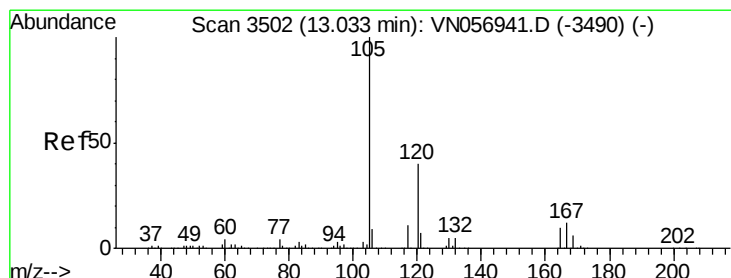
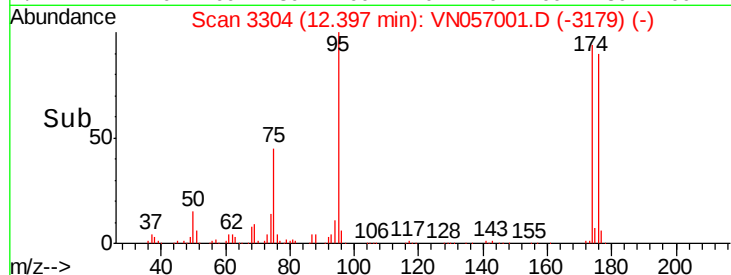
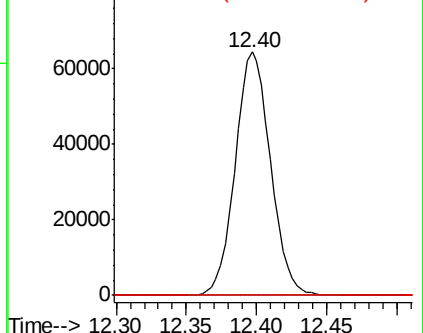
89 0.0 35.8 53.6#



Abundance Ion 74.90 (74.60 to 75.60): VN056941.D (-3262) (-)

Ion 53.00 (52.70 to 53.70): VN056941.D (-3262) (-)

Ion 88.90 (88.60 to 89.60): VN056941.D (-3262) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.600 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN057001.D

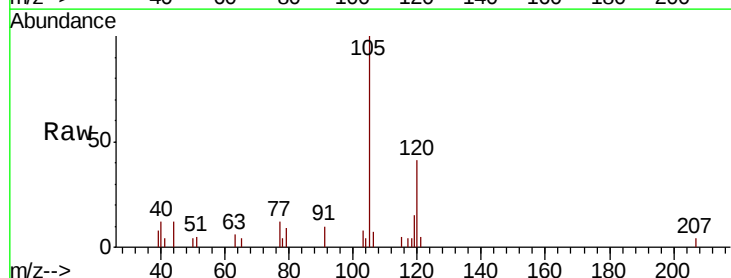
Acq: 31 Jul 2019 10:01

Tgt Ion: 105 Resp: 7602

Ion Ratio Lower Upper

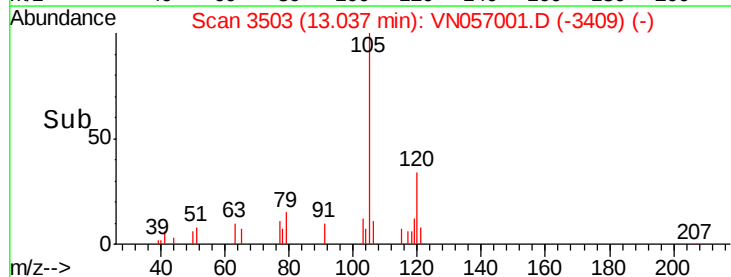
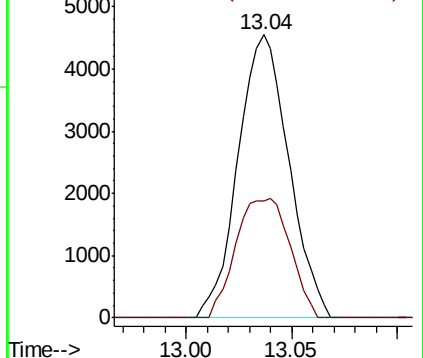
105 100

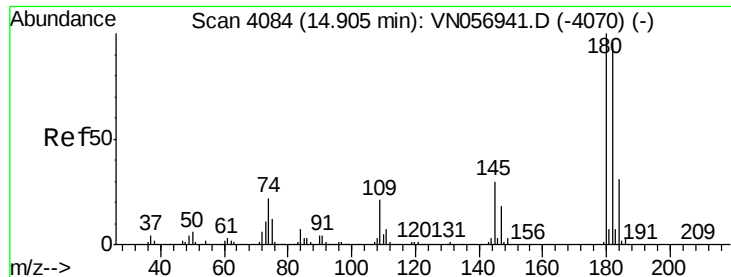
120 44.9 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): VN056941.D (-3490) (-)

Ion 120.00 (119.70 to 120.70): VN056941.D (-3490) (-)

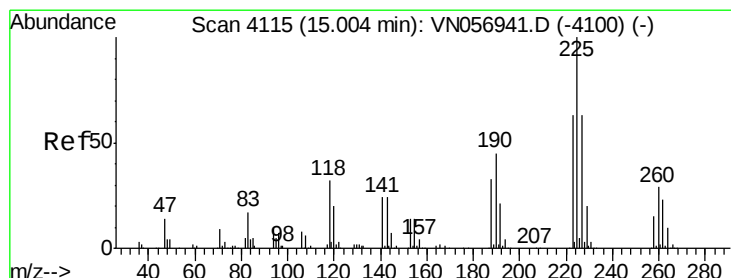
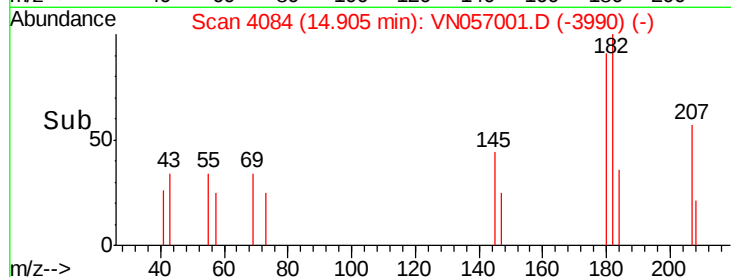
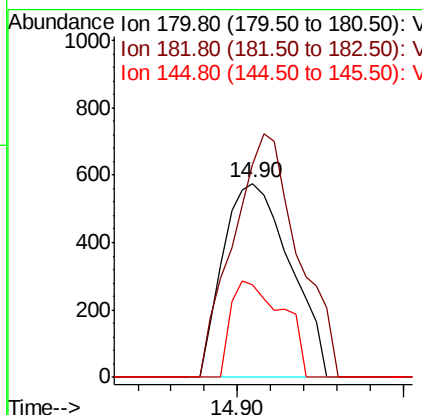
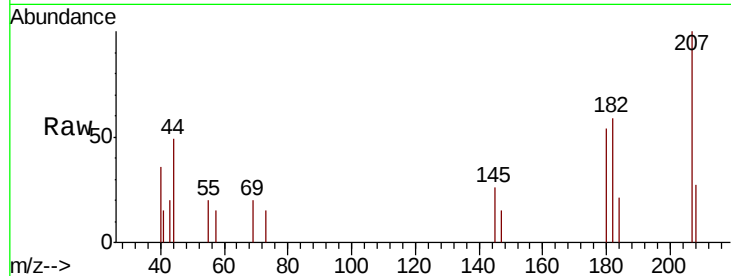




#93
 1,2,4-Trichlorobenzene
 Concen: 2.948 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN057001.D
 Acq: 31 Jul 2019 10:01

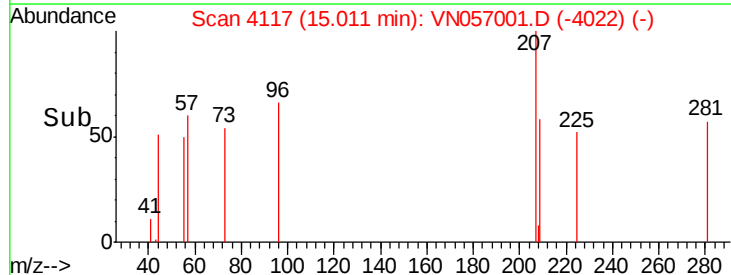
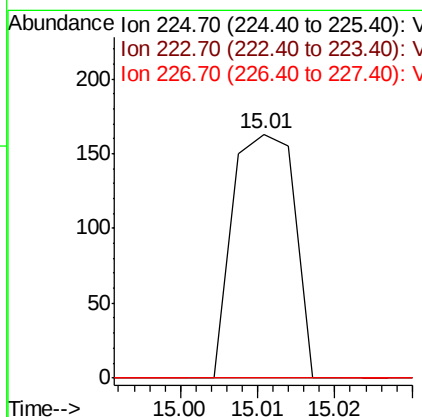
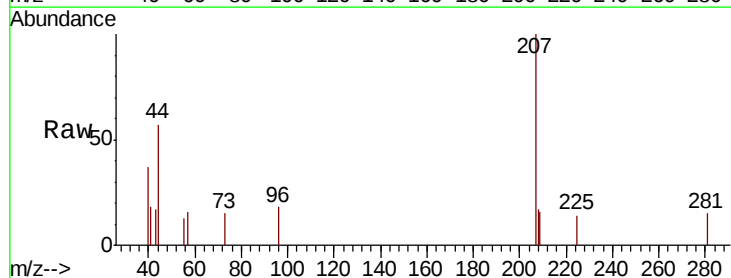
Instrument :
 MSVOA_N
 ClientSampled :
 TP-13

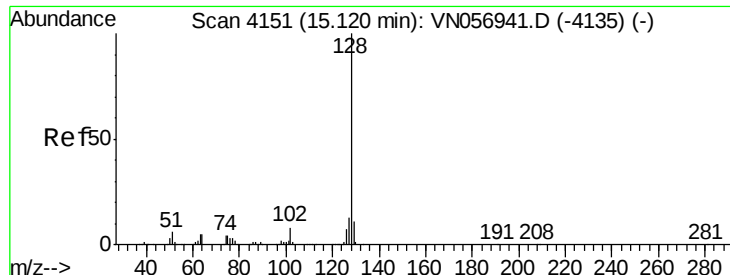
Tot Ion:180 Resp: 809
 Ion Ratio Lower Upper
 180 100
 182 121.5 47.6 142.8
 145 38.3 14.2 42.8



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.01 min
 Lab File: VN057001.D
 Acq: 31 Jul 2019 10:01

Tgt Ion:225 Resp: 90
 Ion Ratio Lower Upper
 225 100
 223 0.0 30.8 92.4#
 227 0.0 31.1 93.5#





#95

Naphthalene

Concen: 4.370 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. 0.01 min

Lab File: VN057001.D

Acq: 31 Jul 2019 10:01

Instrument :

MSVOA_N

ClientSampled :

TP-13

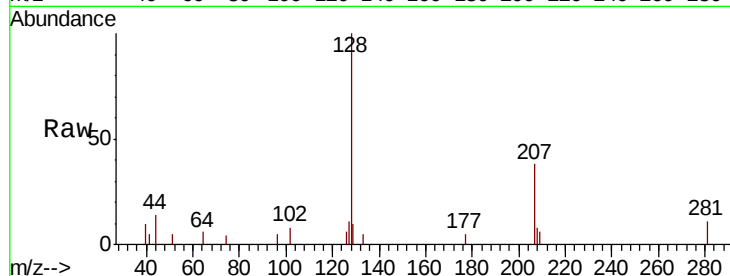
Tot Ion:128 Resp: 6639

Ion Ratio Lower Upper

128 100

127 11.3 10.0 15.0

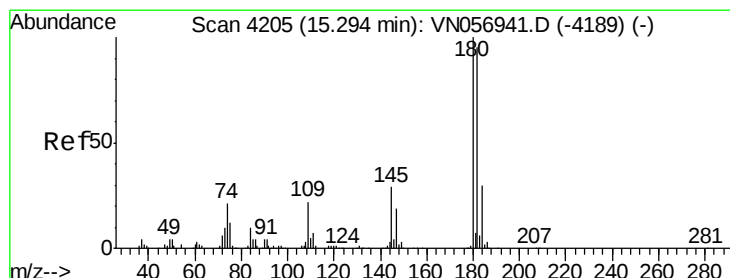
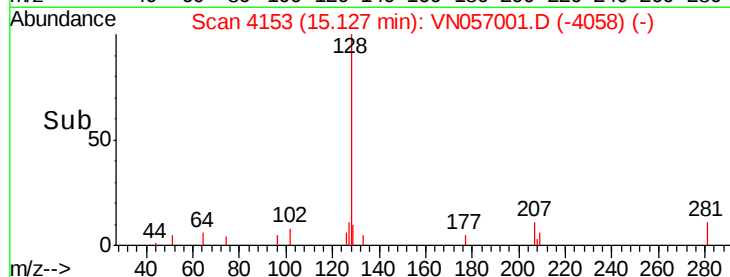
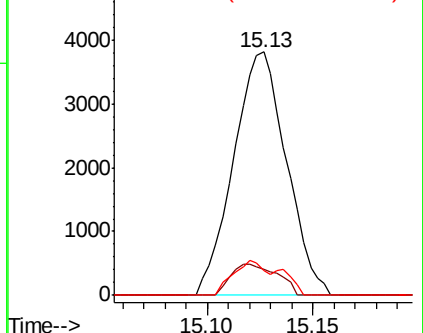
129 9.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 2.227 ug/l

RT: 15.29 min Scan# 4203

Delta R.T. -0.01 min

Lab File: VN057001.D

Acq: 31 Jul 2019 10:01

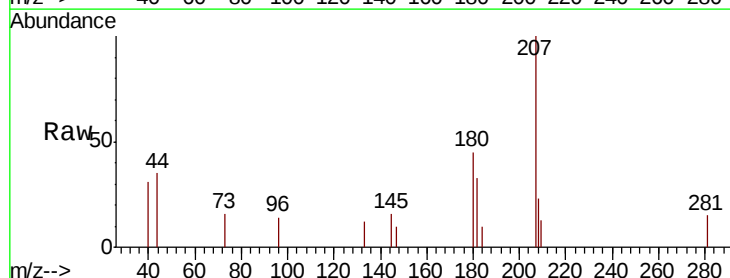
Tgt Ion:180 Resp: 605

Ion Ratio Lower Upper

180 100

182 161.3 48.0 144.2#

145 82.1 15.0 45.0#



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

