

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082619\
 Data File : VN057528.D
 Acq On : 26 Aug 2019 22:55
 Operator : JC/SP
 Sample : K4493-33
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-K1-(0)

Quant Time: Aug 27 07:19:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 05:07:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	367551	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	644311	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	549577	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	125437	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	315146	48.74	ug/l	0.00
Spiked Amount			Recovery	=	97.48%	
35) Dibromofluoromethane	7.57	113	201660	46.34	ug/l	0.00
Spiked Amount			Recovery	=	92.68%	
50) Toluene-d8	10.08	98	862039	52.38	ug/l	0.00
Spiked Amount			Recovery	=	104.76%	
62) 4-Bromofluorobenzene	12.40	95	224623	40.28	ug/l	0.00
Spiked Amount			Recovery	=	80.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.05	50	1327	0.214	ug/l #	83
8) Diethyl Ether	3.36	74	352	Below Cal		98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	65	Below Cal	#	1
11) Tert butyl alcohol	4.75	59	208	0.259	ug/l #	1
13) Acrolein	3.59	56	396	0.561	ug/l #	1
16) Acetone	3.80	43	22016	7.415	ug/l #	89
18) Methyl Acetate	4.31	43	27019	3.326	ug/l	96
20) Methylene Chloride	4.52	84	8835	1.935	ug/l	93
31) Cyclohexane	7.65	56	12557	1.383	ug/l #	36
36) 1,1-Dichloropropene	7.65	75	35354	5.370	ug/l #	43
38) Carbon Tetrachloride	7.65	117	41171	6.295	ug/l #	16
43) Isopropyl Acetate	8.16	43	55622	4.663	ug/l	100
48) Methyl methacrylate	9.18	41	4977	0.877	ug/l #	34
49) 1,4-Dioxane	9.19	88	30	0.409	ug/l #	18
51) 4-Methyl-2-Pentanone	9.98	43	4595	0.691	ug/l #	65
54) cis-1,3-Dichloropropene	9.90	75	26815	3.132	ug/l #	63
57) 1,3-Dichloropropane	10.76	76	1898	0.237	ug/l #	49
58) 2-Chloroethyl Vinyl ether	9.67	63	139	17.129	ug/l #	52
59) 2-Hexanone	10.76	43	24306	5.331	ug/l #	55
71) Bromoform	12.40	173	1274	0.442	ug/l #	1
73) Isopropylbenzene	12.25	105	246	Below Cal		86
74) N-amyl acetate	12.08	43	431	Below Cal	#	70
75) 1,1,2,2-Tetrachloroethane	12.44	83	60	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	130385	46.715	ug/l #	100
78) n-propylbenzene	12.59	91	295	Below Cal	#	55
79) 2-Chlorotoluene	12.68	91	71	Below Cal	#	44
80) 1,3,5-Trimethylbenzene	12.73	105	410	Below Cal	#	30
81) trans-1,4-Dichloro-2-buten	12.40	75	130385	119.498	ug/l #	9
82) 4-Chlorotoluene	12.79	91	115	Below Cal	#	45
83) tert-Butylbenzene	12.79	119	70	Below Cal	#	8
85) sec-Butylbenzene	13.18	105	68	Below Cal	#	58
92) 1,2-Dibromo-3-Chloropropan	14.22	75	29	Below Cal	#	11
95) Naphthalene	15.13	128	109	4.359	ug/l #	69

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QLast Update : Fri Aug 23 05:07:29 2019
Response via : Initial Calibration

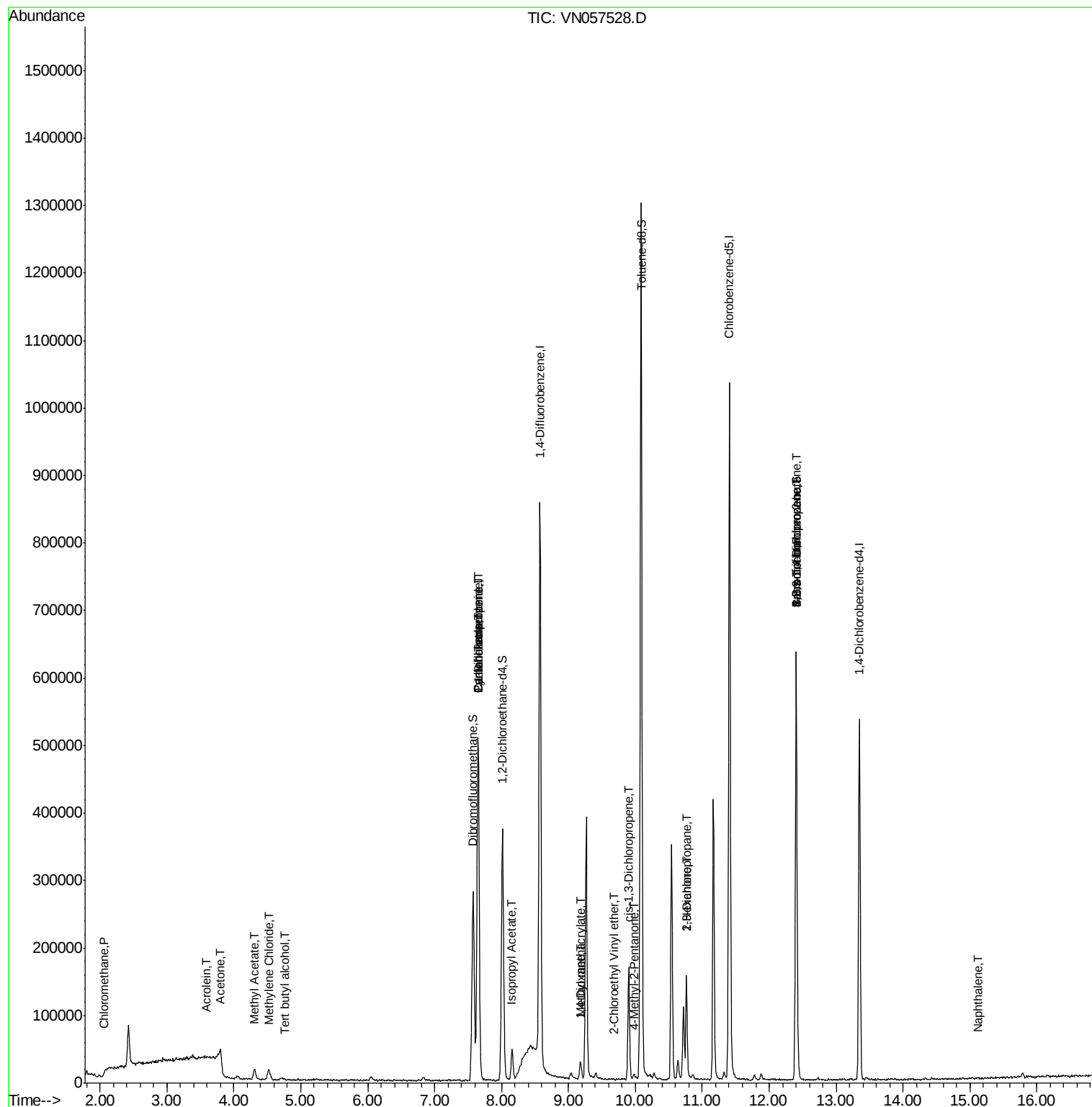
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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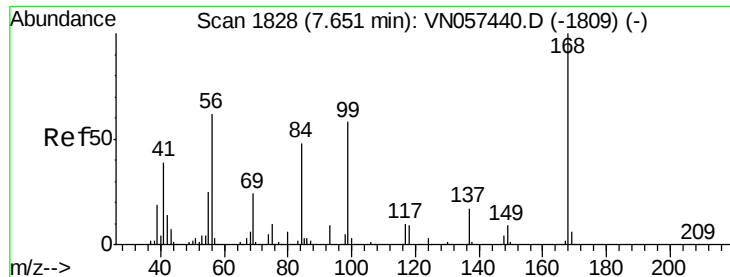
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN082619\
Data File : VN057528.D
Acq On : 26 Aug 2019 22:55
Operator : JC/SP
Sample : K4493-33
Misc : 5.00mL/MSVOA_N/WATER
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Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 23 05:07:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN057528.D

Acq: 26 Aug 2019 22:55

Instrument :

MSVOA_N

ClientSampleId :

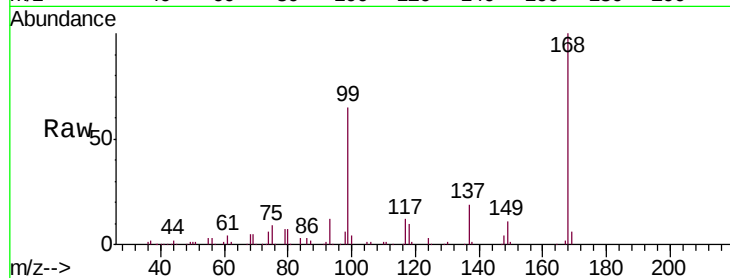
T9-12-13-K1-(0)

Tgt Ion:168 Resp: 367551

Ion Ratio Lower Upper

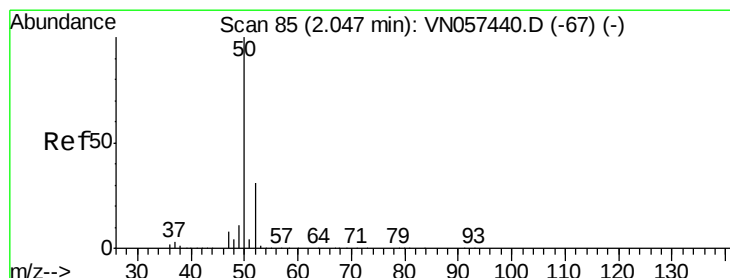
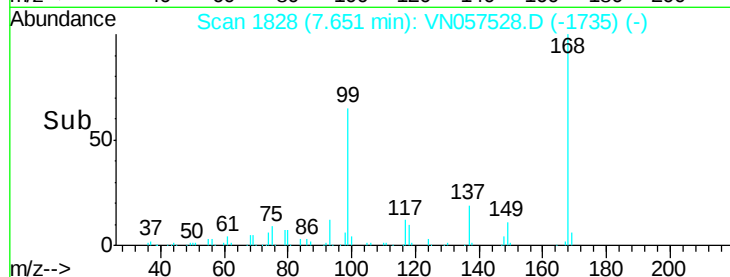
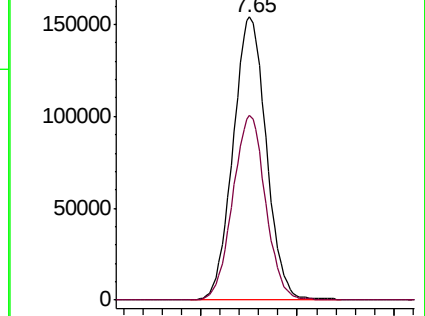
168 100

99 65.1 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#3

Chloromethane

Concen: 0.214 ug/l

RT: 2.05 min Scan# 85

Delta R.T. -0.00 min

Lab File: VN057528.D

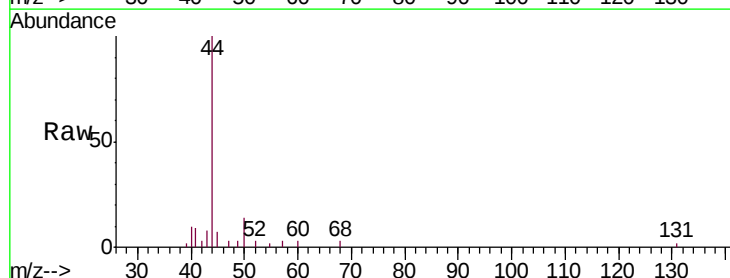
Acq: 26 Aug 2019 22:55

Tgt Ion: 50 Resp: 1327

Ion Ratio Lower Upper

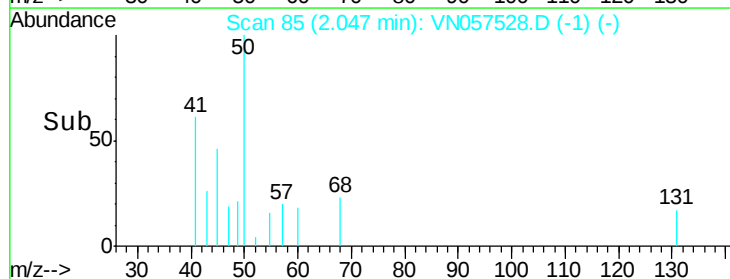
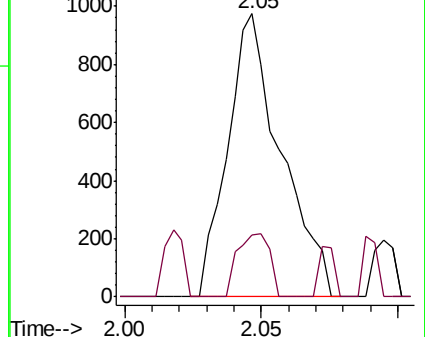
50 100

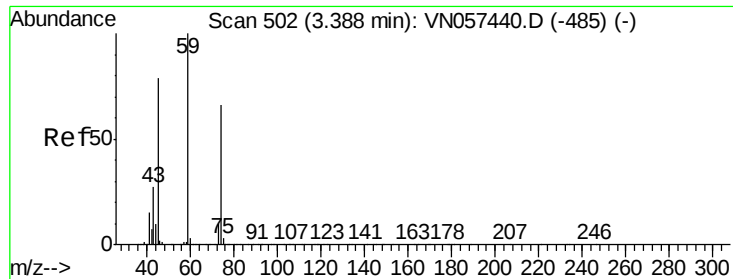
52 22.1 25.1 37.7#



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0





#8

Diethyl Ether

Concen: Below Cal

RT: 3.36 min Scan# 494

Delta R.T. -0.03 min

Lab File: VN057528.D

Acq: 26 Aug 2019 22:55

Instrument :

MSVOA_N

ClientSampleId :

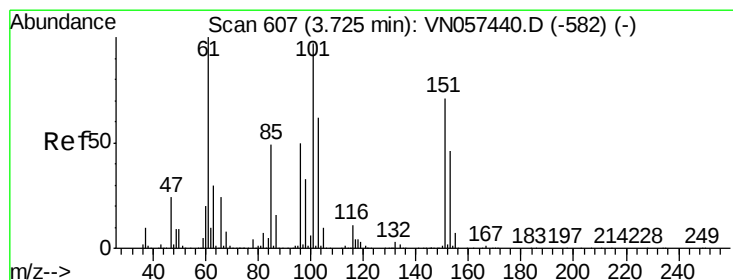
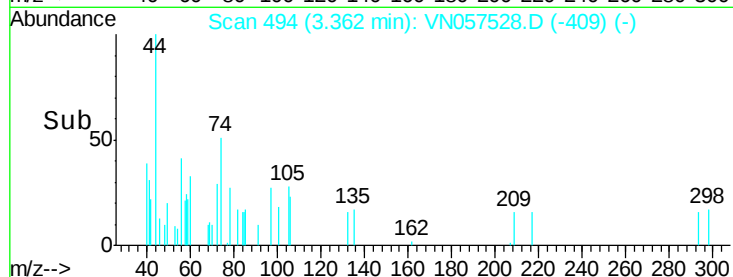
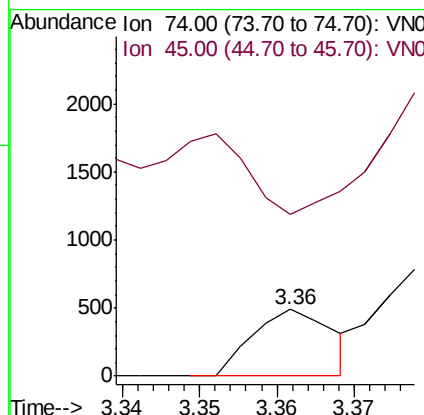
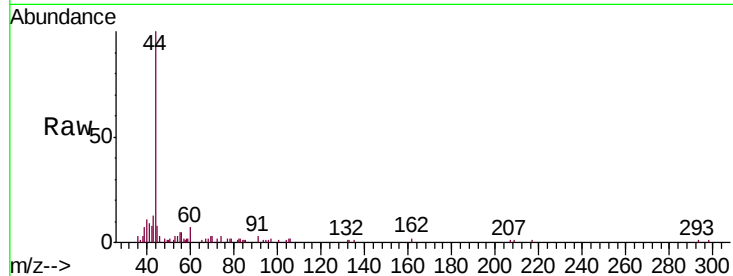
T9-12-13-K1-(0)

Tgt Ion: 74 Resp: 352

Ion Ratio Lower Upper

74 100

45 113.4 57.9 173.6



#9

1,1,2-Trichlorotrifluoroethane

Concen: Below Cal

RT: 3.73 min Scan# 609

Delta R.T. 0.01 min

Lab File: VN057528.D

Acq: 26 Aug 2019 22:55

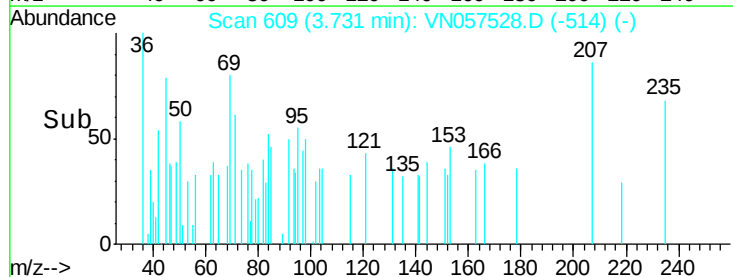
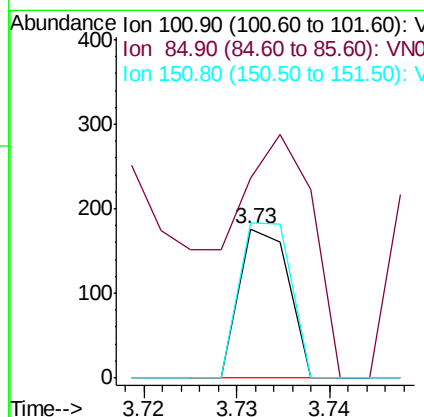
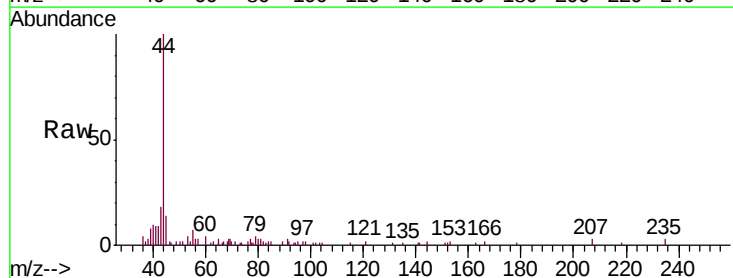
Tgt Ion: 101 Resp: 65

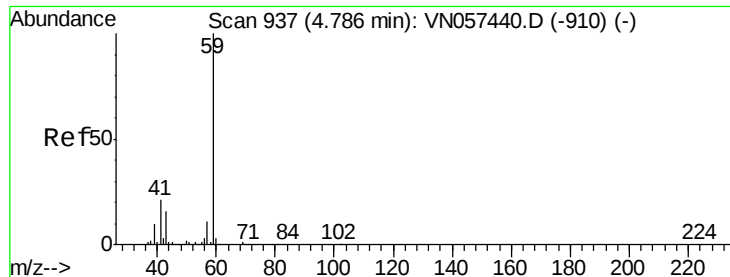
Ion Ratio Lower Upper

101 100

85 221.5 40.0 60.0#

151 109.2 57.0 85.6#



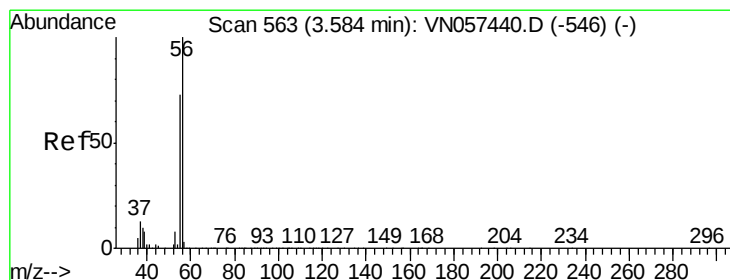
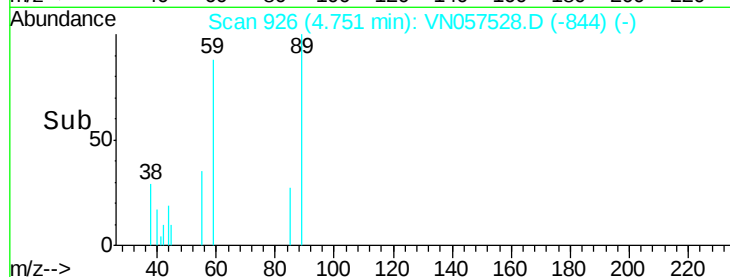
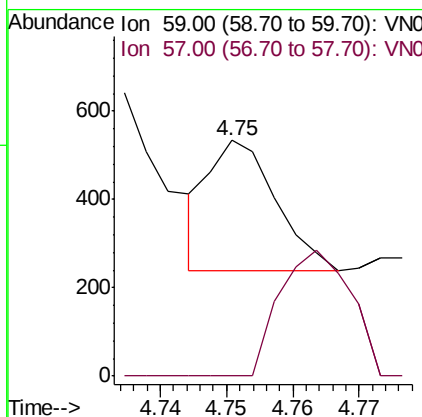
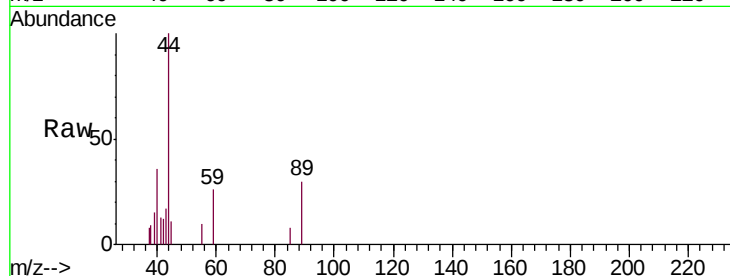


#11

Tert butyl alcohol
Concen: 0.259 ug/l
RT: 4.75 min Scan# 926
Delta R.T. -0.04 min
Lab File: VN057528.D
Acq: 26 Aug 2019 22:55

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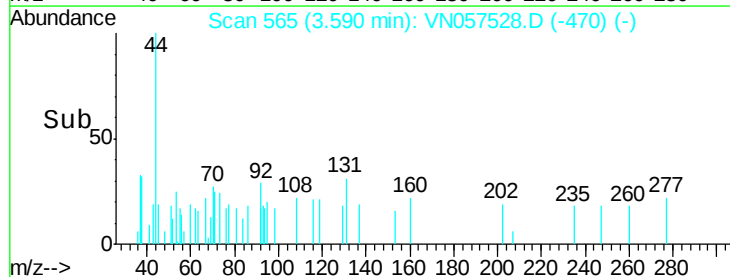
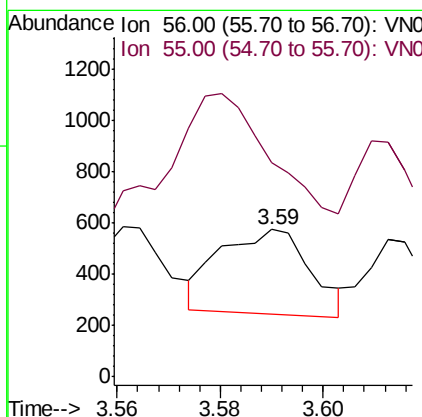
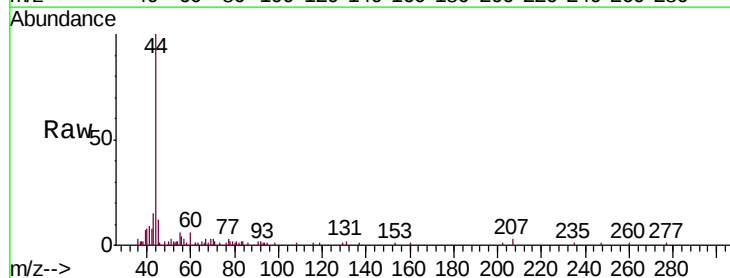
Tgt Ion: 59 Resp: 208
Ion Ratio Lower Upper
59 100
57 101.9 9.1 13.7#

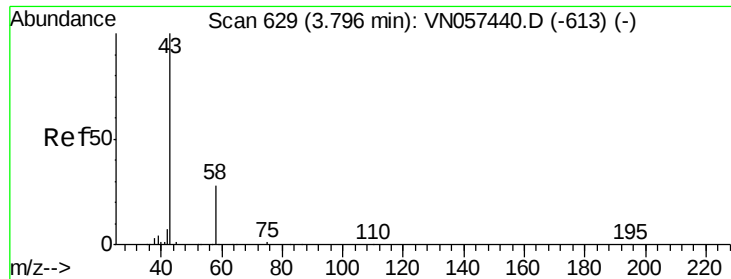


#13

Acrolein
Concen: 0.561 ug/l
RT: 3.59 min Scan# 565
Delta R.T. 0.01 min
Lab File: VN057528.D
Acq: 26 Aug 2019 22:55

Tgt Ion: 56 Resp: 396
Ion Ratio Lower Upper
56 100
55 261.4 59.0 88.4#

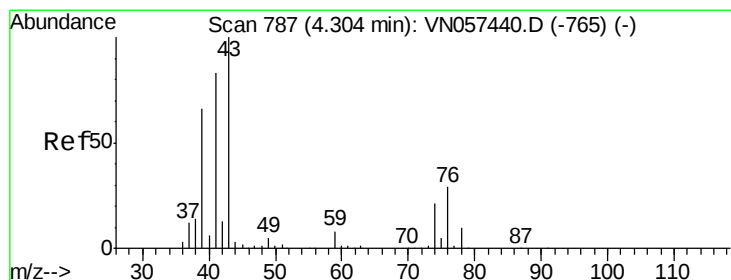
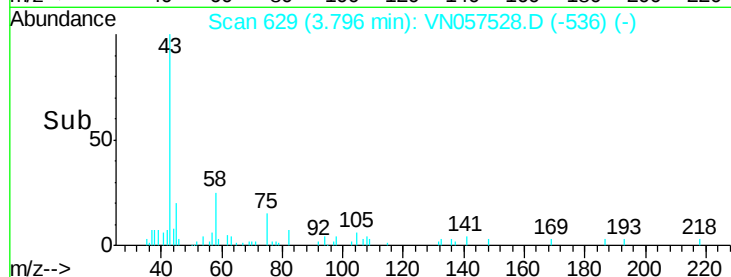
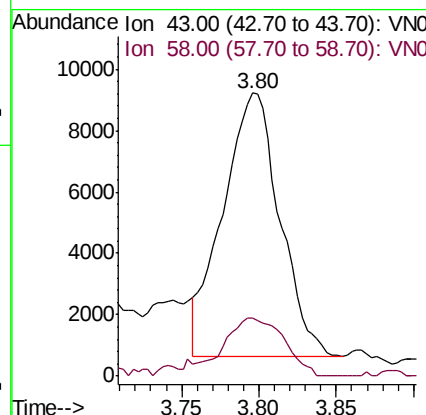
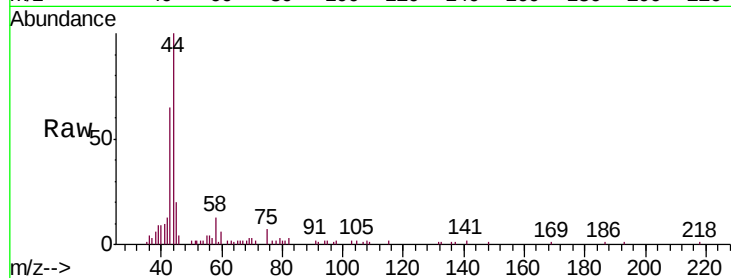




#16
Acetone
Concen: 7.415 ug/l
RT: 3.80 min Scan# 629
Delta R.T. -0.00 min
Lab File: VN057528.D
Acq: 26 Aug 2019 22:55

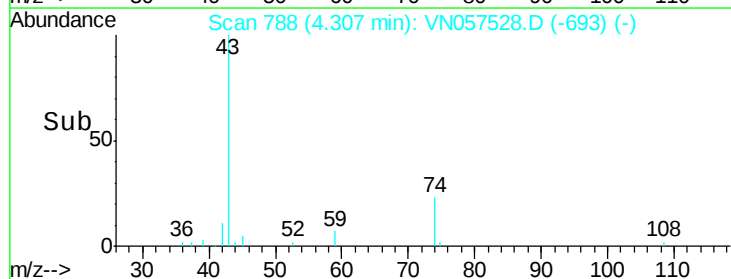
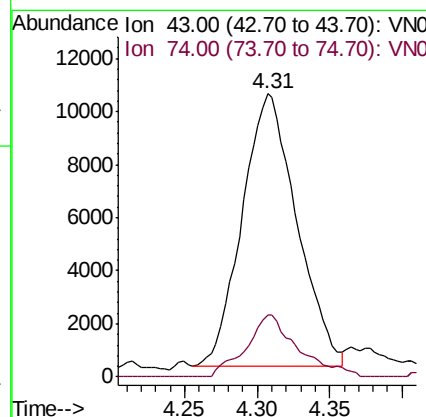
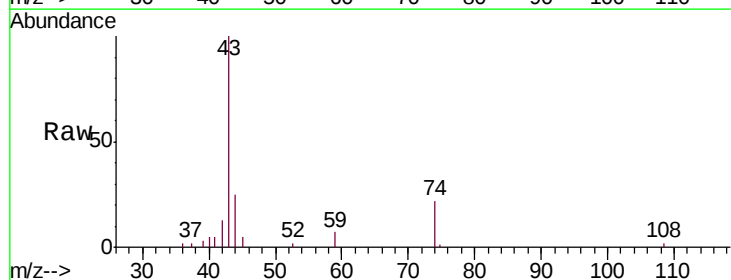
Instrument :
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T9-12-13-K1-(0)

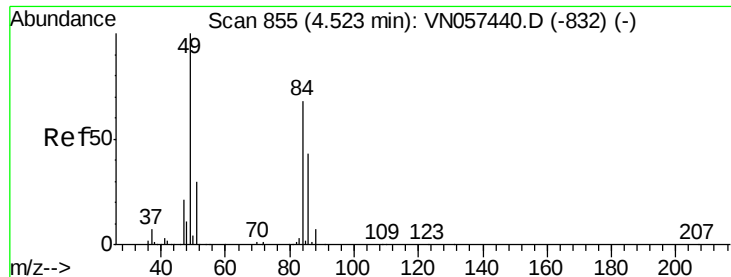
Tgt Ion: 43 Resp: 22016
Ion Ratio Lower Upper
43 100
58 22.0 22.1 33.1#



#18
Methyl Acetate
Concen: 3.326 ug/l
RT: 4.31 min Scan# 788
Delta R.T. 0.00 min
Lab File: VN057528.D
Acq: 26 Aug 2019 22:55

Tgt Ion: 43 Resp: 27019
Ion Ratio Lower Upper
43 100
74 21.5 15.9 23.9

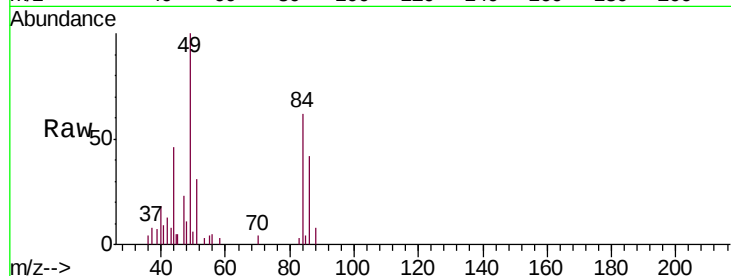




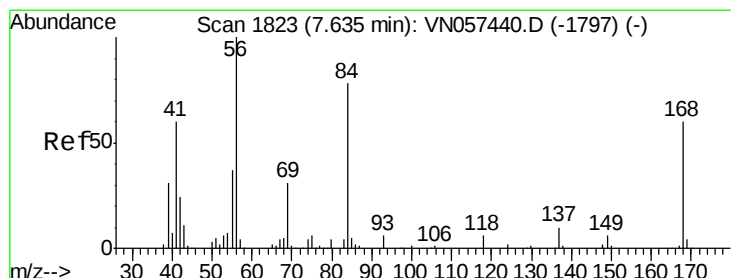
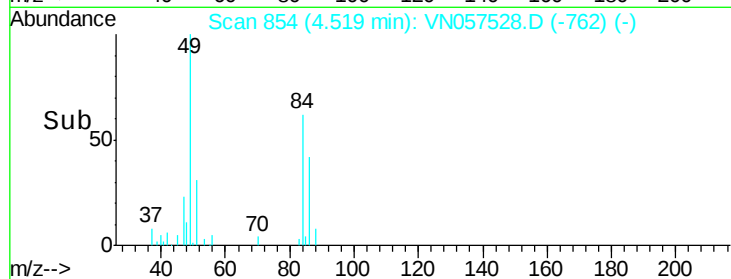
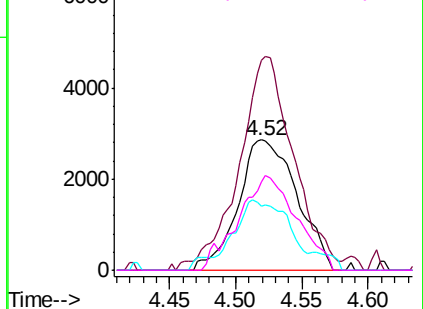
#20
Methylene Chloride
Concen: 1.935 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN057528.D
Acq: 26 Aug 2019 22:55

Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-K1-(0)

Tgt Ion:	84	Resp:	8835
Ion	Ratio	Lower	Upper
84	100		
49	154.6	117.0	175.4
51	49.4	35.5	53.3
86	67.7	49.8	74.8

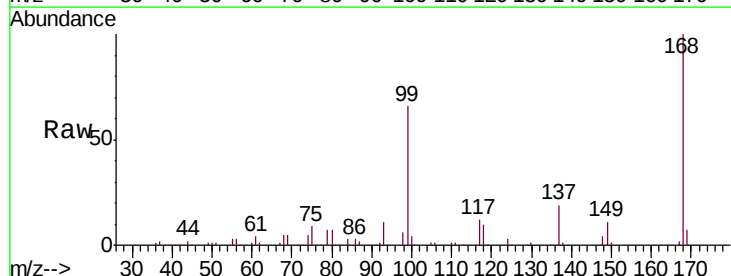


Abundance Ion 83.90 (83.60 to 84.60): VN057528.D (-762) (-)
Ion 48.90 (48.60 to 49.60): VN057528.D (-762) (-)
Ion 50.90 (50.60 to 51.60): VN057528.D (-762) (-)
Ion 85.90 (85.60 to 86.60): VN057528.D (-762) (-)

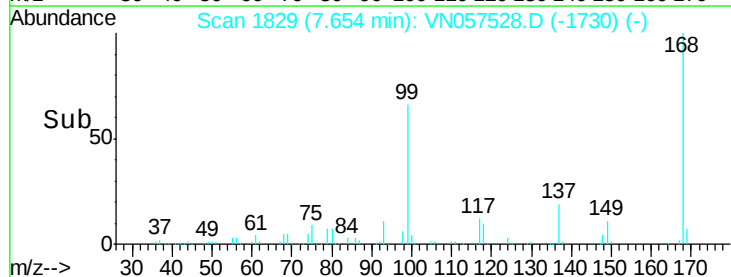
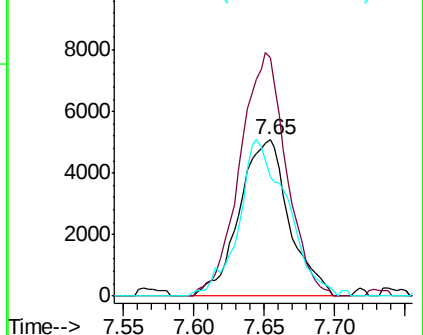


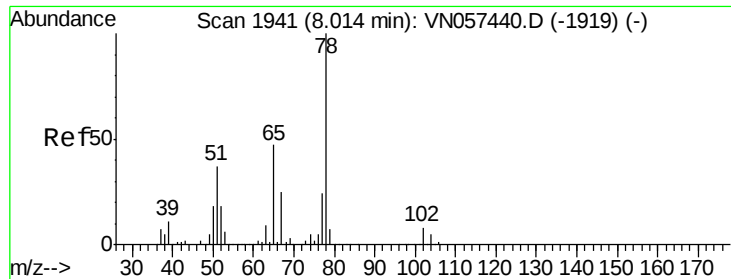
#31
Cyclohexane
Concen: 1.383 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.02 min
Lab File: VN057528.D
Acq: 26 Aug 2019 22:55

Tgt Ion:	56	Resp:	12557
Ion	Ratio	Lower	Upper
56	100		
69	152.5	25.0	37.6#
84	76.8	62.5	93.7



Abundance Ion 56.00 (55.70 to 56.70): VN057528.D (-1730) (-)
Ion 69.00 (68.70 to 69.70): VN057528.D (-1730) (-)
Ion 84.00 (83.70 to 84.70): VN057528.D (-1730) (-)

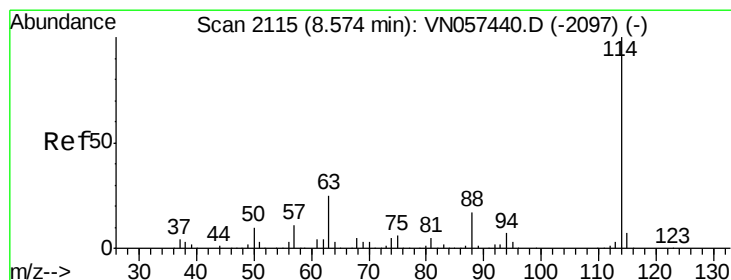
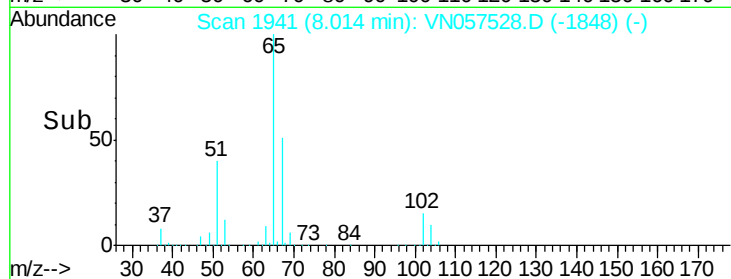
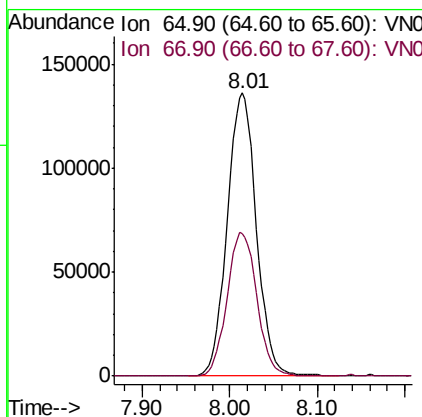
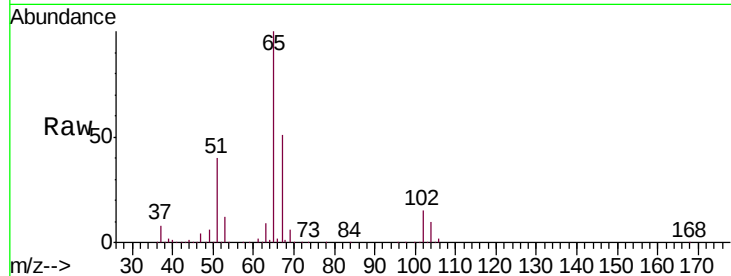




#33
 1,2-Dichloroethane-d4
 Concen: 48.741 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. -0.00 min
 Lab File: VN057528.D
 Acq: 26 Aug 2019 22:55

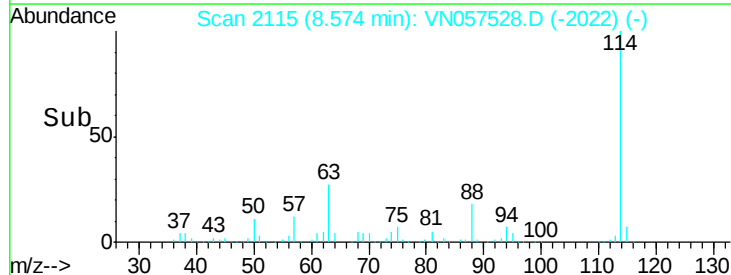
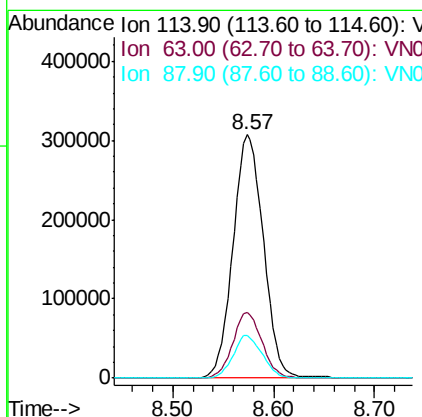
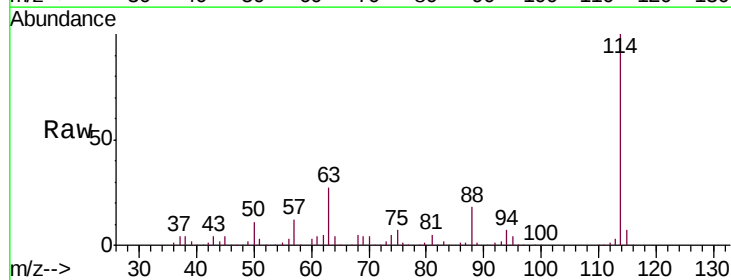
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 T9-12-13-K1-(0)

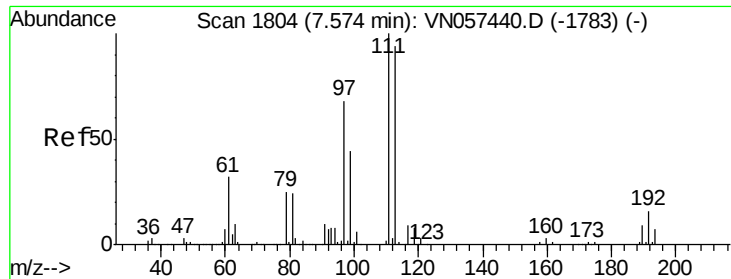
Tgt Ion: 65 Resp: 315146
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN057528.D
 Acq: 26 Aug 2019 22:55

Tgt Ion: 114 Resp: 644311
 Ion Ratio Lower Upper
 114 100
 63 27.2 0.0 50.2
 88 17.7 0.0 34.6

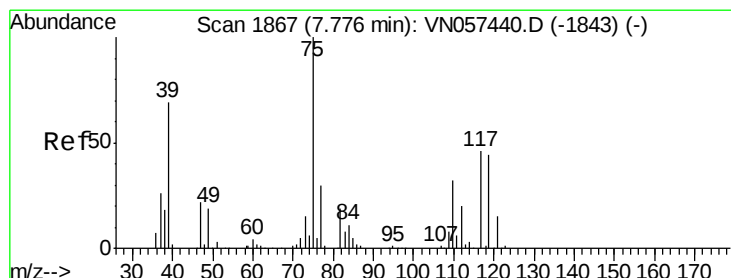
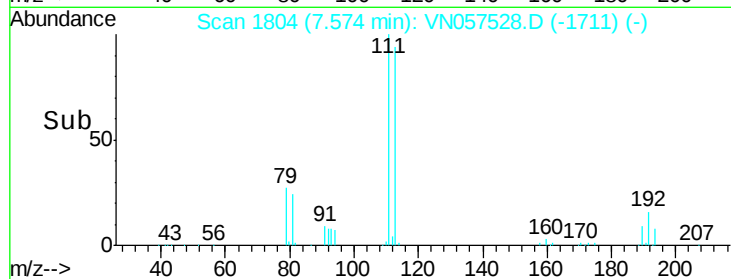
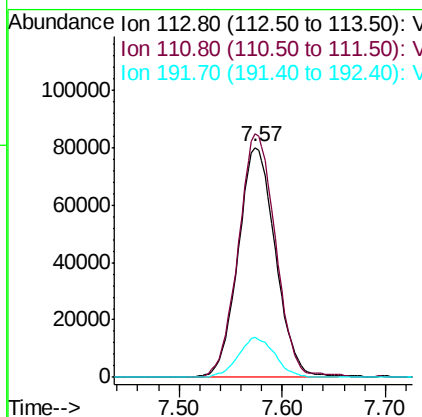
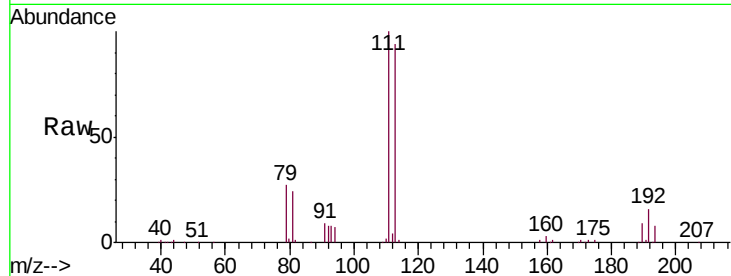




#35
 Dibromofluoromethane
 Concen: 46.337 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN057528.D
 Acq: 26 Aug 2019 22:55

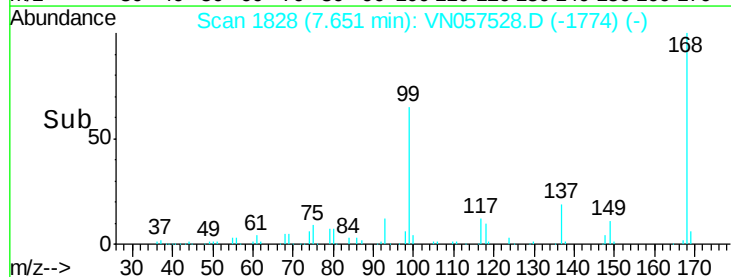
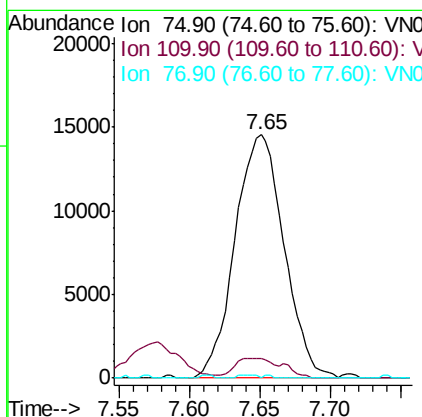
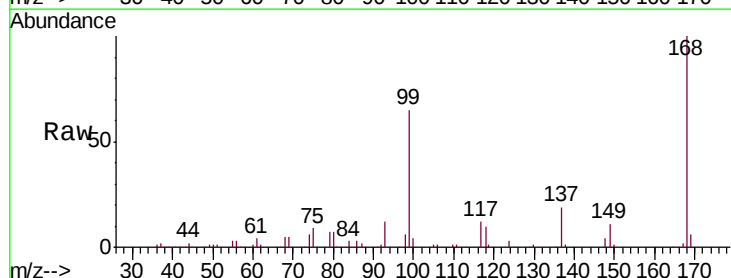
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-K1-(0)

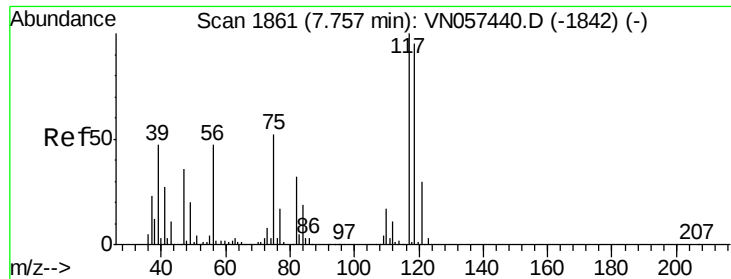
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.8	83.8	125.6
192	17.2	13.5	20.3



#36
 1,1-Dichloropropene
 Concen: 5.370 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN057528.D
 Acq: 26 Aug 2019 22:55

Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.0	16.1	48.3#
77	0.2	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 6.295 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.11 min

Lab File: VN057528.D

Acq: 26 Aug 2019 22:55

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-K1-(0)

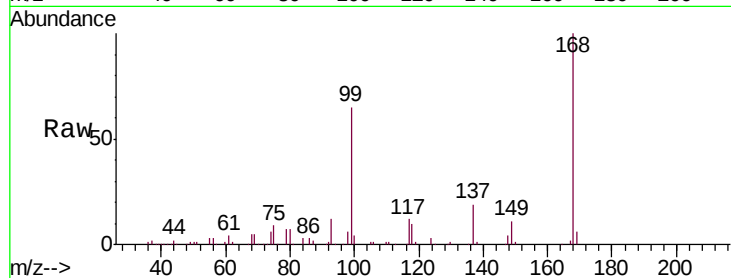
Tgt Ion:117 Resp: 41171

Ion Ratio Lower Upper

117 100

119 4.5 76.2 114.4#

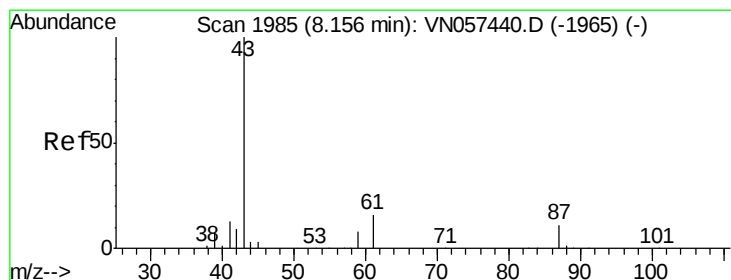
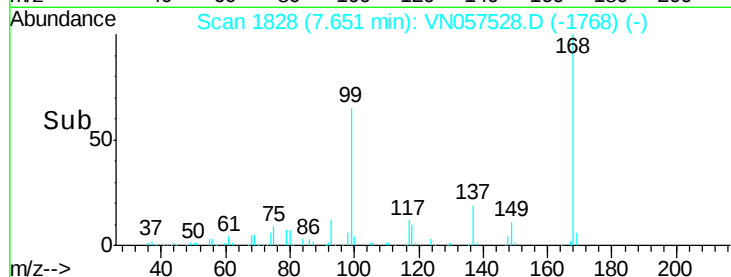
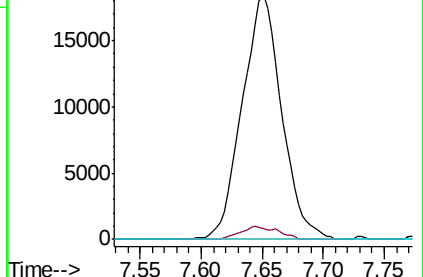
121 0.0 23.8 35.6#



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: 4.663 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN057528.D

Acq: 26 Aug 2019 22:55

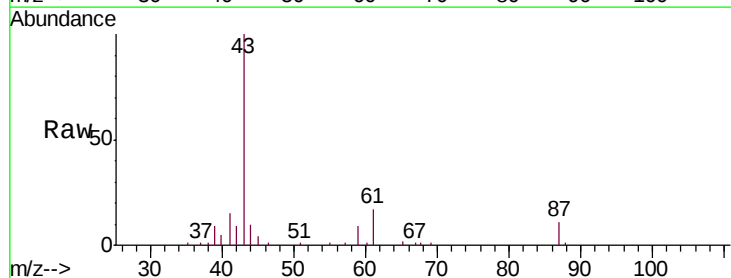
Tgt Ion: 43 Resp: 55622

Ion Ratio Lower Upper

43 100

61 18.0 14.5 21.7

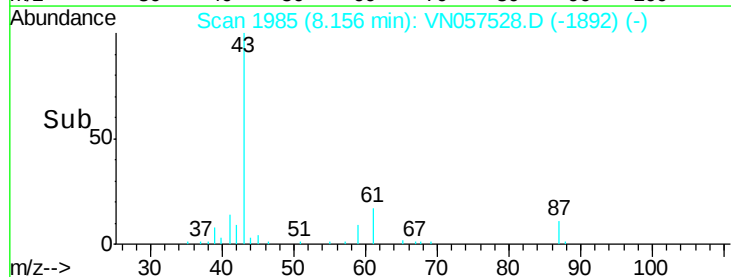
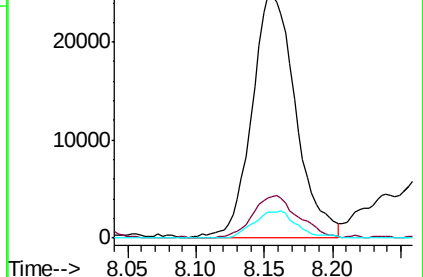
87 10.5 8.6 12.8

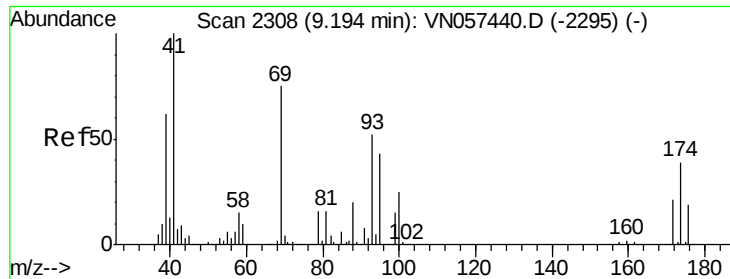


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

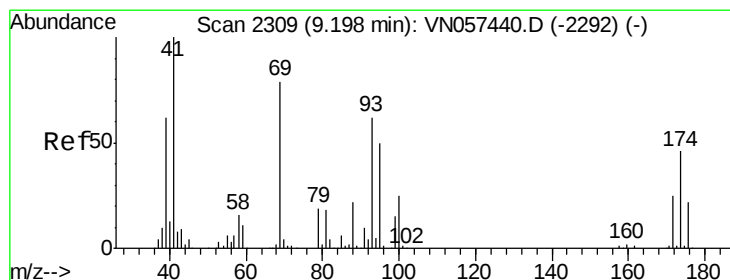
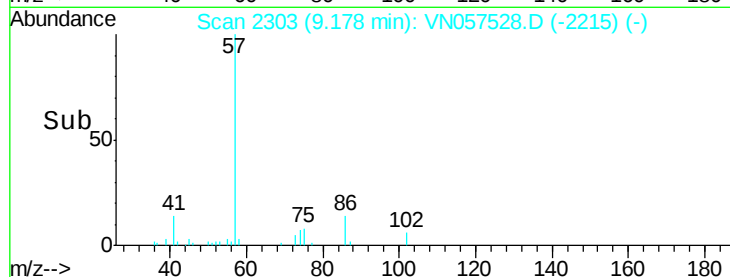
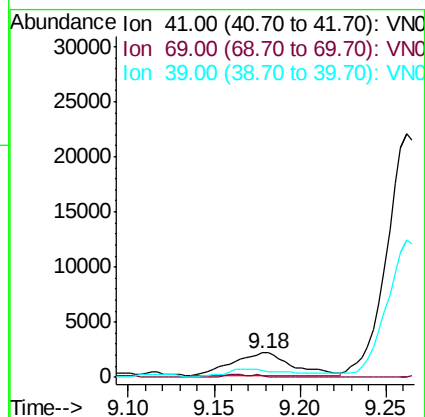
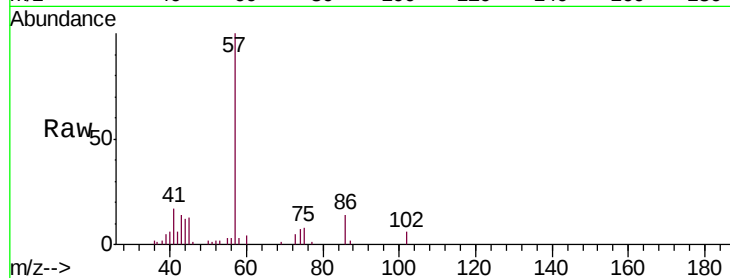




#48
Methyl methacrylate
Concen: 0.877 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN057528.D
Acq: 26 Aug 2019 22:55

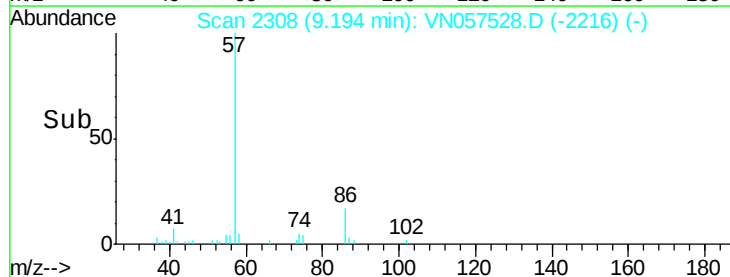
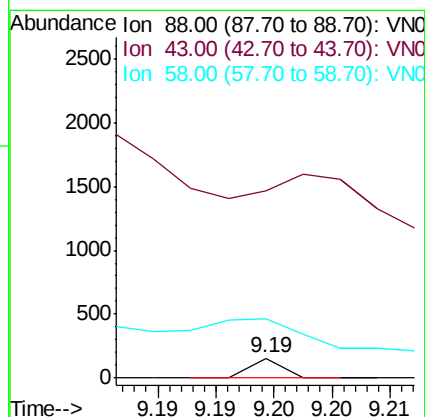
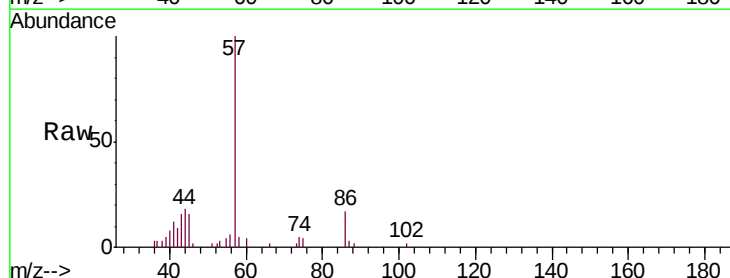
Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-K1-(0)

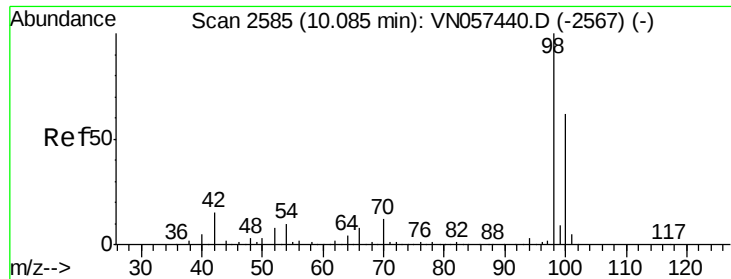
Tgt Ion: 41 Resp: 4977
Ion Ratio Lower Upper
41 100
69 4.7 59.3 88.9#
39 27.0 50.6 75.8#



#49
1,4-Dioxane
Concen: 0.409 ug/l
RT: 9.19 min Scan# 2308
Delta R.T. -0.00 min
Lab File: VN057528.D
Acq: 26 Aug 2019 22:55

Tgt Ion: 88 Resp: 30
Ion Ratio Lower Upper
88 100
43 0.0 31.0 46.6#
58 0.0 64.5 96.7#





#50

Toluene-d8

Concen: 52.384 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057528.D

Acq: 26 Aug 2019 22:55

Instrument :

MSVOA_N

ClientSampleId :

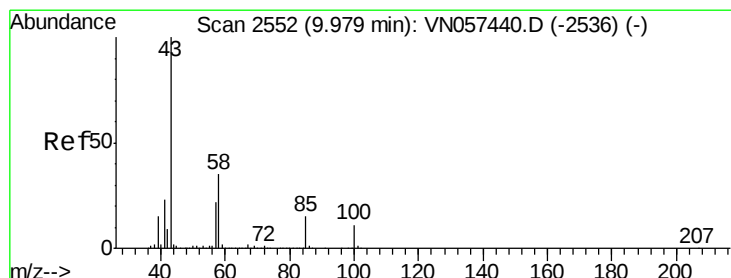
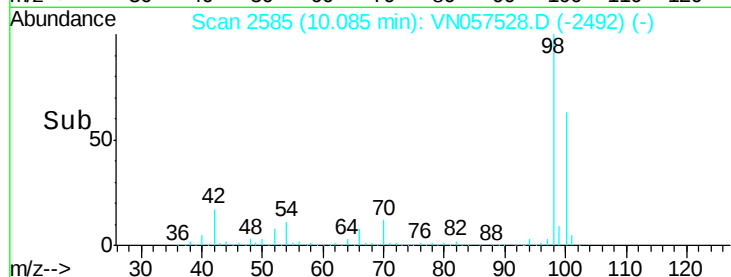
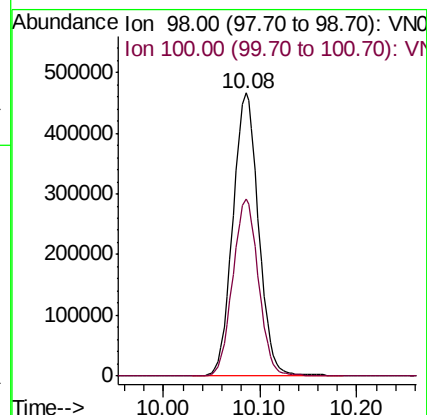
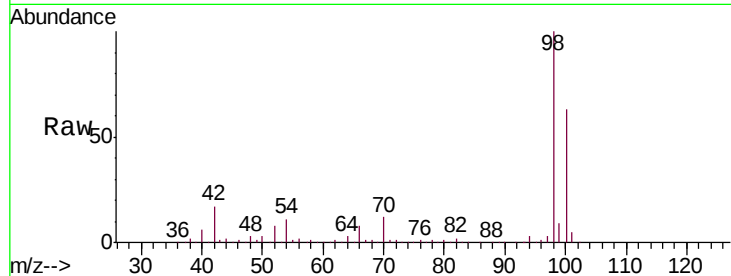
T9-12-13-K1-(0)

Tgt Ion: 98 Resp: 862039

Ion Ratio Lower Upper

98 100

100 62.6 50.4 75.6



#51

4-Methyl-2-Pentanone

Concen: 0.691 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN057528.D

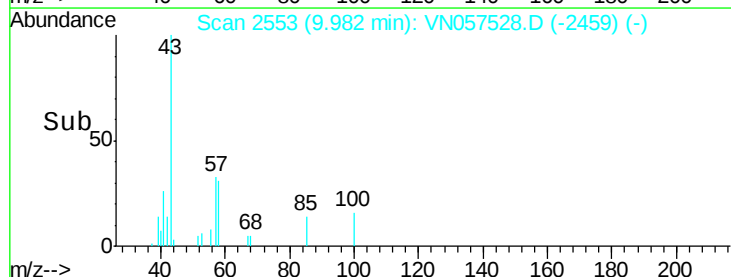
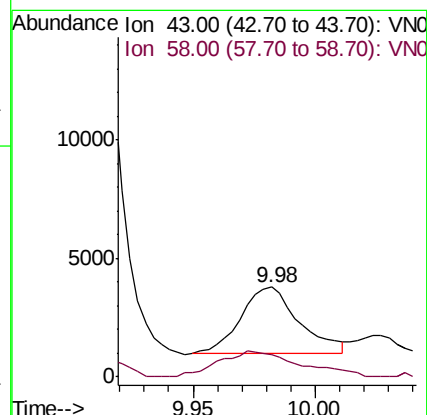
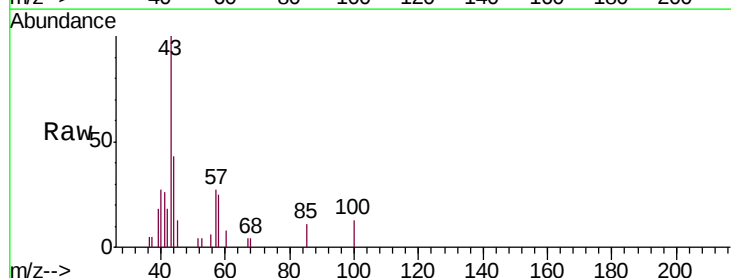
Acq: 26 Aug 2019 22:55

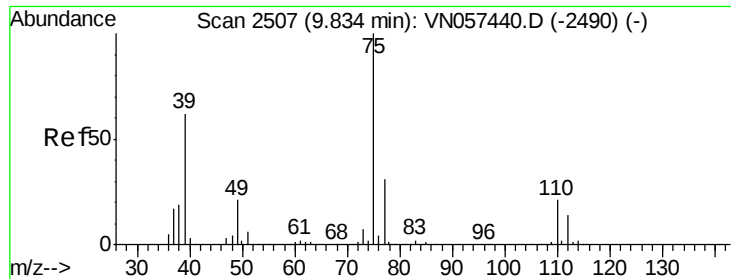
Tgt Ion: 43 Resp: 4595

Ion Ratio Lower Upper

43 100

58 55.1 27.9 41.9#





#54

cis-1,3-Dichloropropene

Concen: 3.132 ug/l

RT: 9.90 min Scan# 2528

Delta R.T. 0.07 min

Lab File: VN057528.D

Acq: 26 Aug 2019 22:55

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-K1-(0)

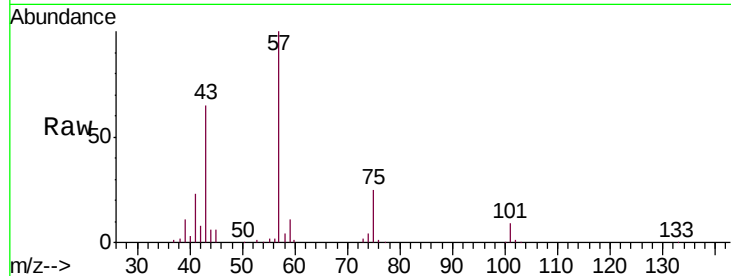
Tgt Ion: 75 Resp: 26815

Ion Ratio Lower Upper

75 100

77 1.0 25.0 37.6#

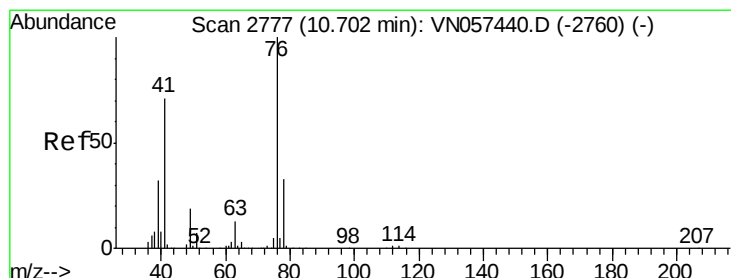
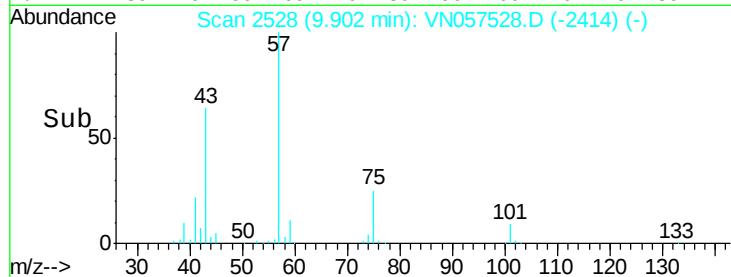
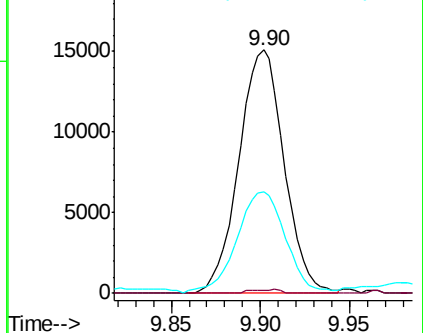
39 40.5 49.2 73.8#



Abundance Ion 74.90 (74.60 to 75.60): VN057528.D (-2414) (-)

Ion 76.90 (76.60 to 77.60): VN057528.D (-2414) (-)

Ion 39.00 (38.70 to 39.70): VN057528.D (-2414) (-)



#57

1,3-Dichloropropane

Concen: 0.237 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN057528.D

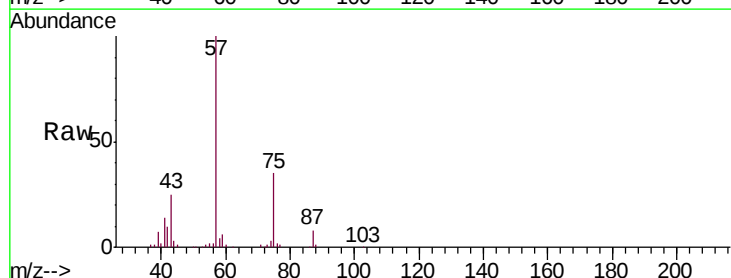
Acq: 26 Aug 2019 22:55

Tgt Ion: 76 Resp: 1898

Ion Ratio Lower Upper

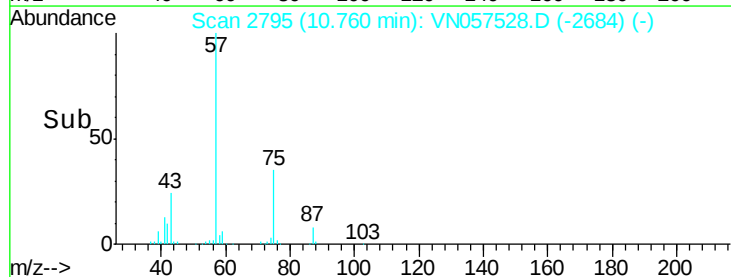
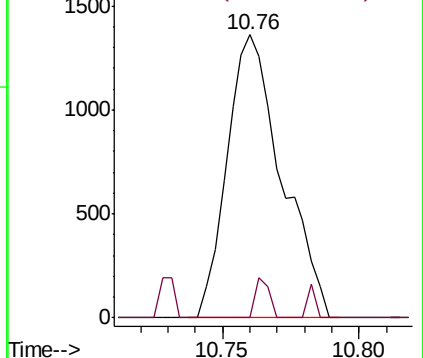
76 100

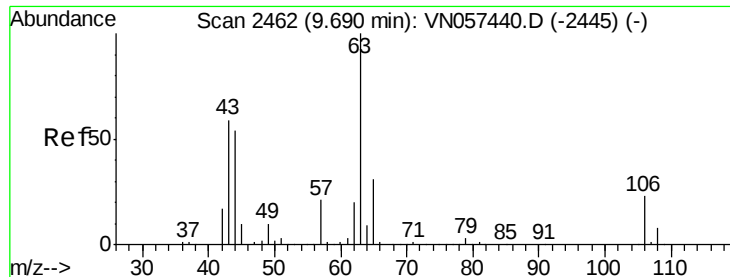
78 3.5 25.5 38.3#



Abundance Ion 75.90 (75.60 to 76.60): VN057528.D (-2684) (-)

Ion 77.90 (77.60 to 78.60): VN057528.D (-2684) (-)

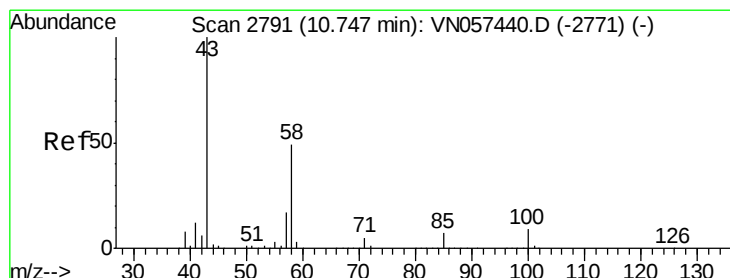
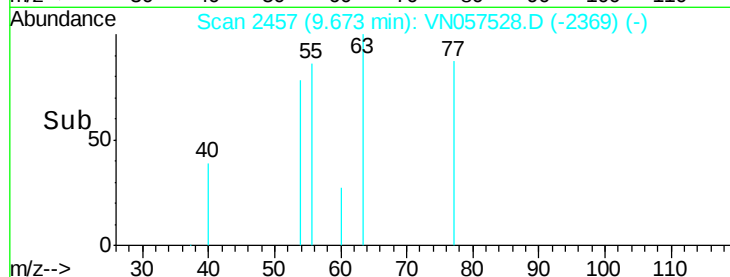
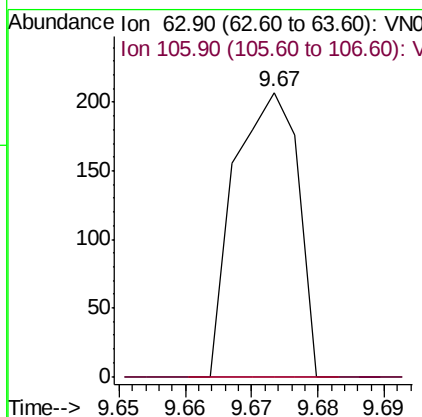
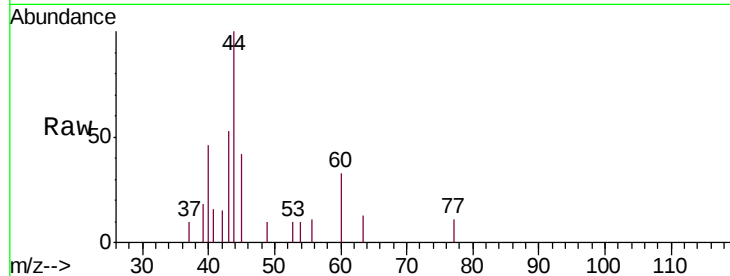




#58
 2-Chloroethyl Vinyl ether
 Concen: 17.129 ug/l
 RT: 9.67 min Scan# 2457
 Delta R.T. -0.02 min
 Lab File: VN057528.D
 Acq: 26 Aug 2019 22:55

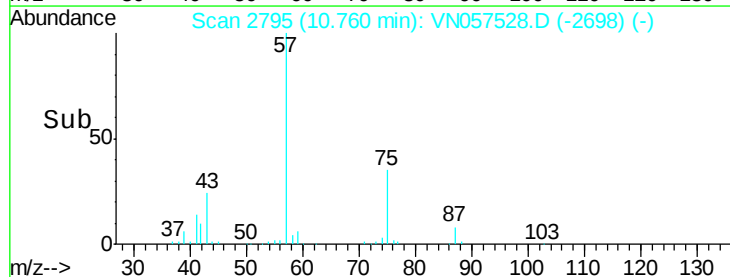
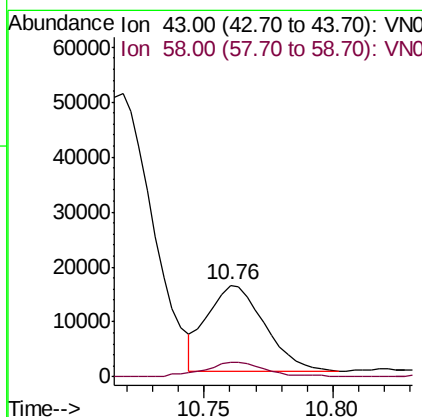
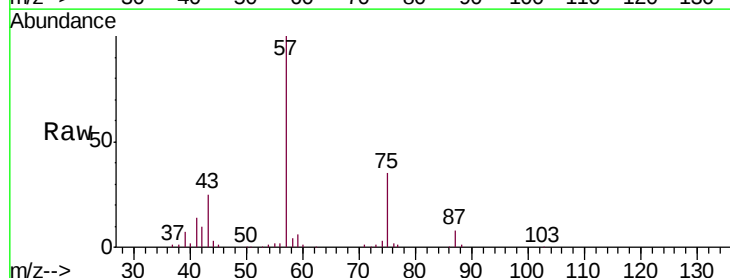
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-K1-(0)

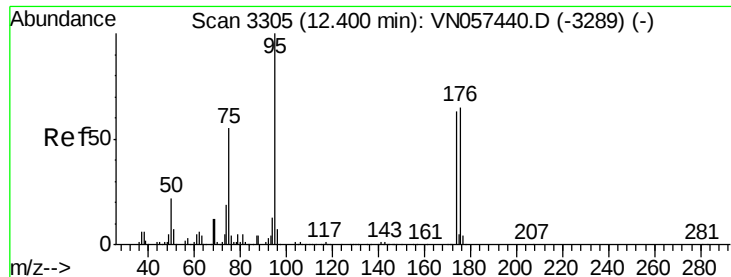
Tgt Ion: 63 Resp: 139
 Ion Ratio Lower Upper
 63 100
 106 0.0 18.6 27.8#



#59
 2-Hexanone
 Concen: 5.331 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.01 min
 Lab File: VN057528.D
 Acq: 26 Aug 2019 22:55

Tgt Ion: 43 Resp: 24306
 Ion Ratio Lower Upper
 43 100
 58 18.5 24.6 73.6#





#62

4-Bromofluorobenzene

Concen: 40.279 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057528.D

Acq: 26 Aug 2019 22:55

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-K1-(0)

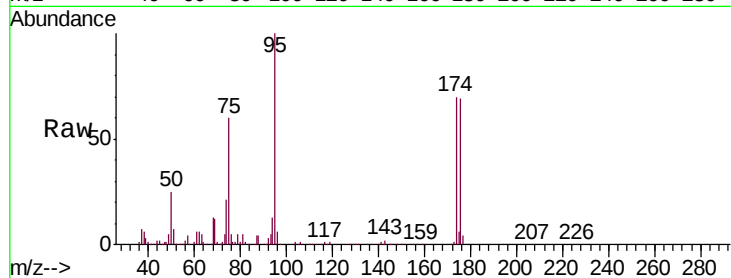
Tgt Ion: 95 Resp: 224623

Ion Ratio Lower Upper

95 100

174 68.1 0.0 133.0

176 66.0 0.0 130.8



Abundance Ion 94.90 (94.60 to 95.60): VN057528.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN057528.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN057528.D (-3212) (-)

12.40

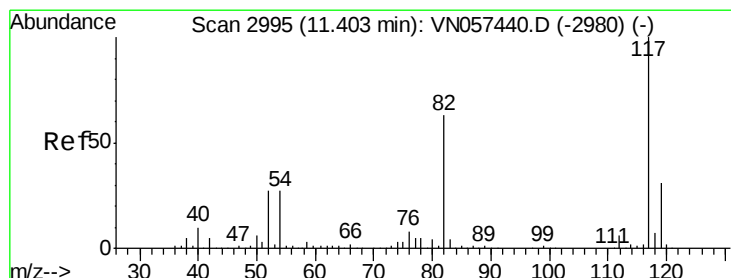
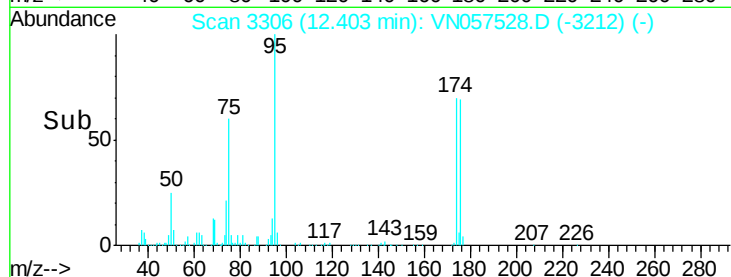
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057528.D

Acq: 26 Aug 2019 22:55

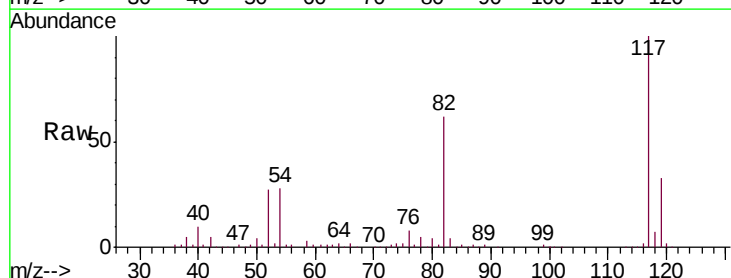
Tgt Ion: 117 Resp: 549577

Ion Ratio Lower Upper

117 100

82 62.4 50.6 75.8

119 33.0 24.6 36.8



Abundance Ion 116.90 (116.60 to 117.60): VN057528.D (-2902) (-)

Ion 82.00 (81.70 to 82.70): VN057528.D (-2902) (-)

Ion 118.90 (118.60 to 119.60): VN057528.D (-2902) (-)

11.41

400000

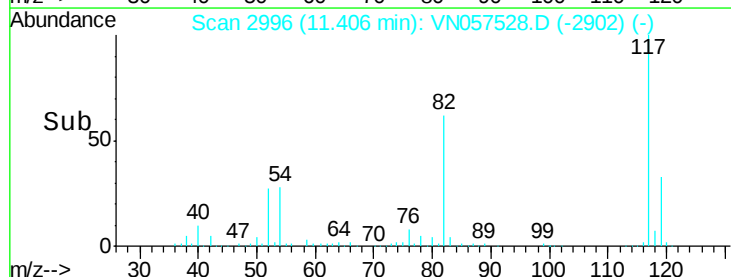
300000

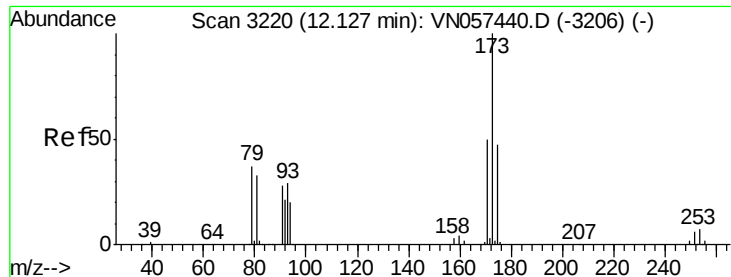
200000

100000

0

Time--> 11.30 11.40 11.50





#71

Bromoform

Concen: 0.442 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN057528.D

Acq: 26 Aug 2019 22:55

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-K1-(0)

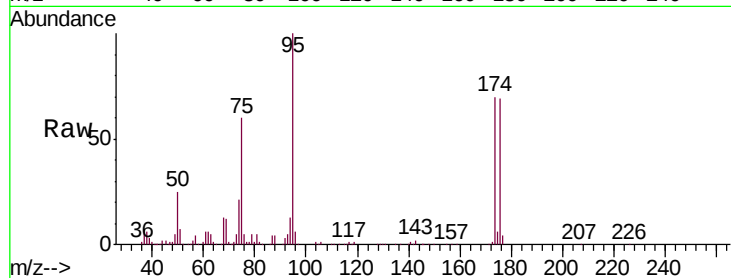
Tgt Ion:173 Resp: 1274

Ion Ratio Lower Upper

173 100

175 797.0 23.9 71.8#

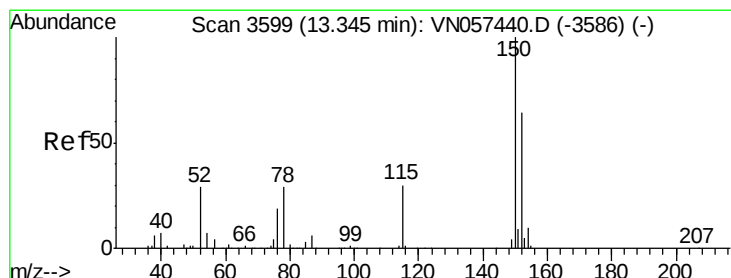
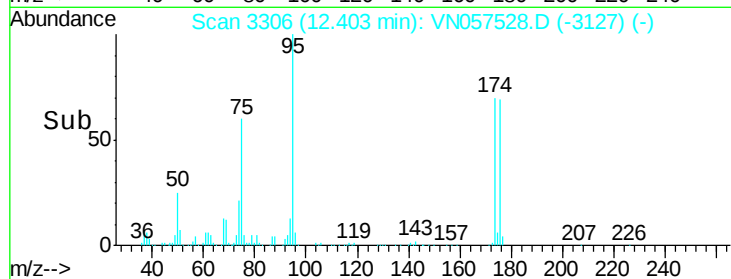
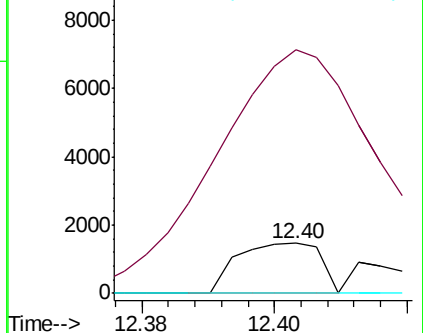
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057528.D

Acq: 26 Aug 2019 22:55

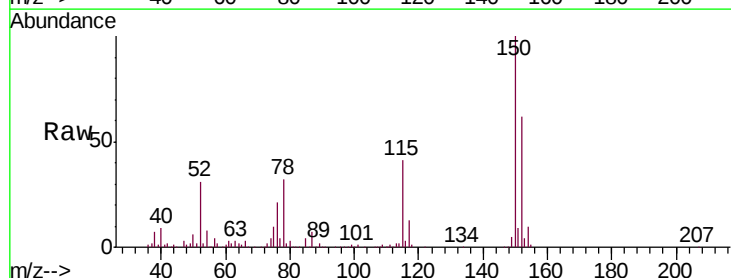
Tgt Ion:152 Resp: 125437

Ion Ratio Lower Upper

152 100

115 65.1 32.0 96.0

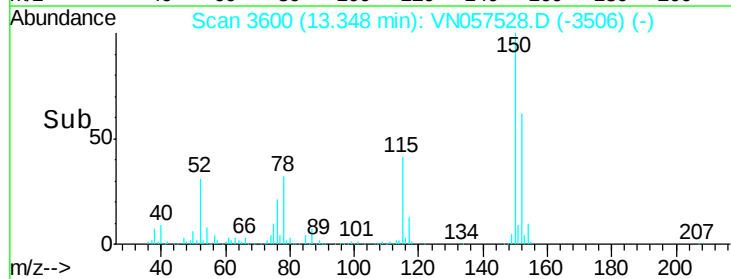
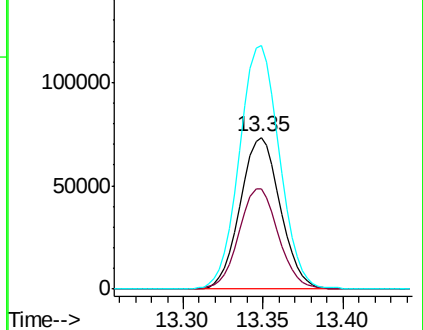
150 161.0 0.0 346.6

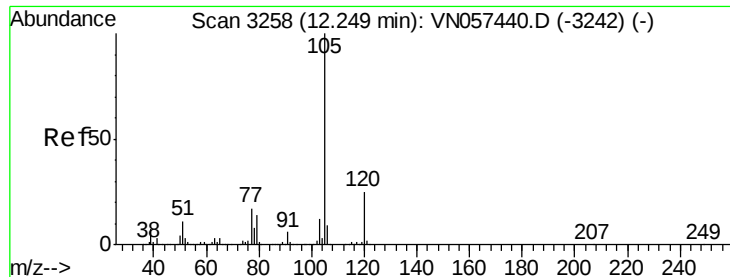


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN057528.D

Acq: 26 Aug 2019 22:55

Instrument :

MSVOA_N

ClientSampled :

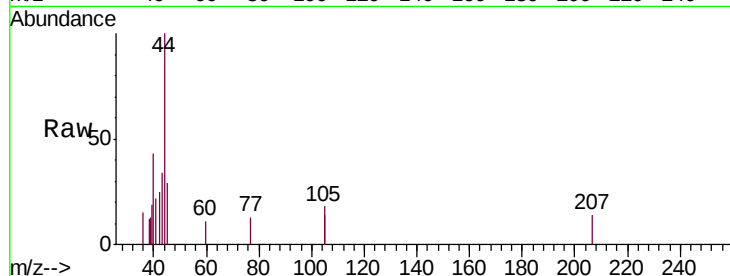
T9-12-13-K1-(0)

Tgt Ion: 105 Resp: 246

Ion Ratio Lower Upper

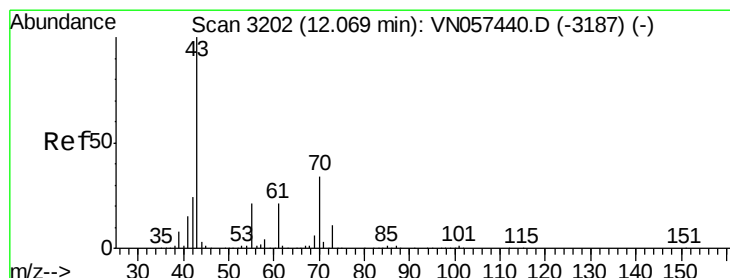
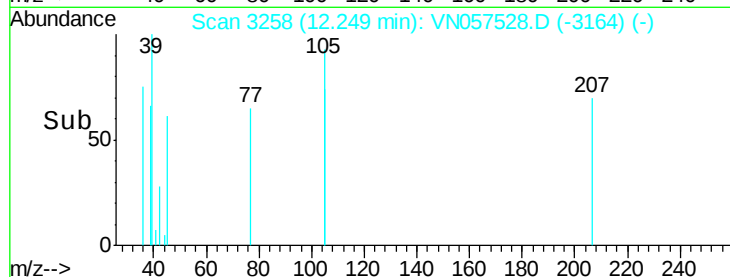
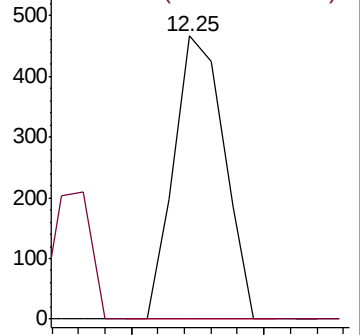
105 100

120 32.5 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: Below Cal

RT: 12.08 min Scan# 3207

Delta R.T. 0.02 min

Lab File: VN057528.D

Acq: 26 Aug 2019 22:55

Tgt Ion: 43 Resp: 431

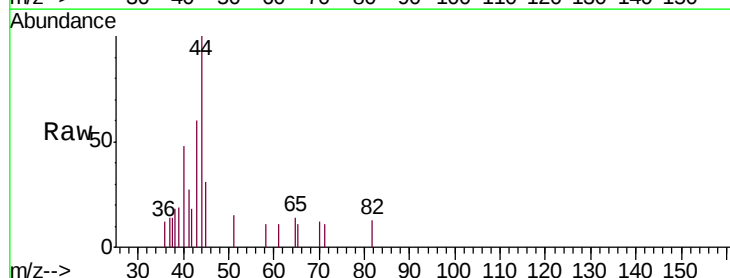
Ion Ratio Lower Upper

43 100

70 44.8 27.8 41.6#

55 44.8 17.0 25.4#

61 7.0 17.0 25.6#

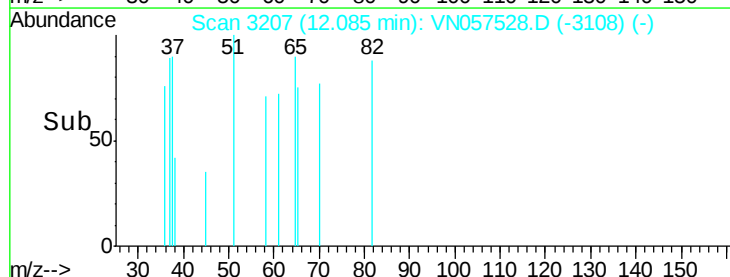
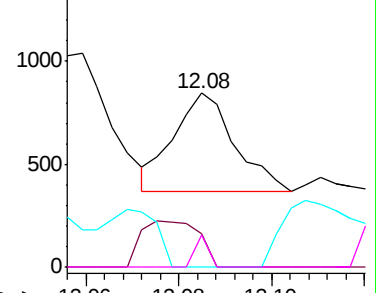


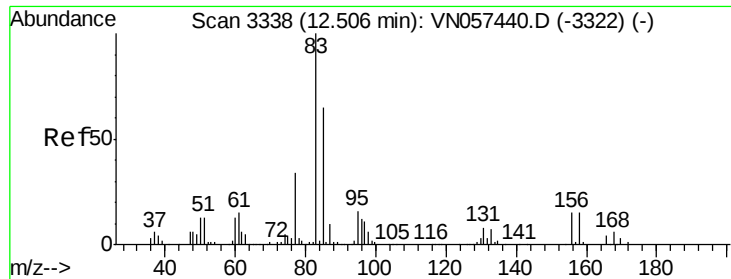
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.44 min Scan# 3316

Delta R.T. -0.07 min

Lab File: VN057528.D

Acq: 26 Aug 2019 22:55

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-K1-(0)

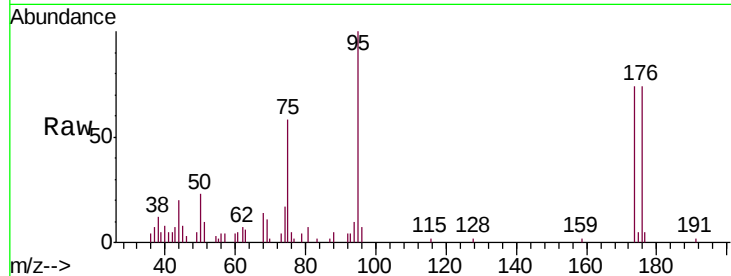
Tgt Ion: 83 Resp: 60

Ion Ratio Lower Upper

83 100

131 0.0 4.3 13.1#

85 0.0 32.3 96.8#



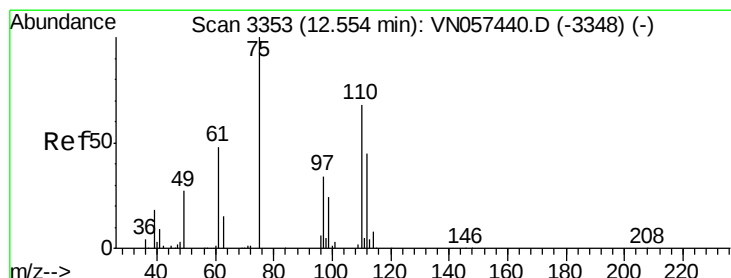
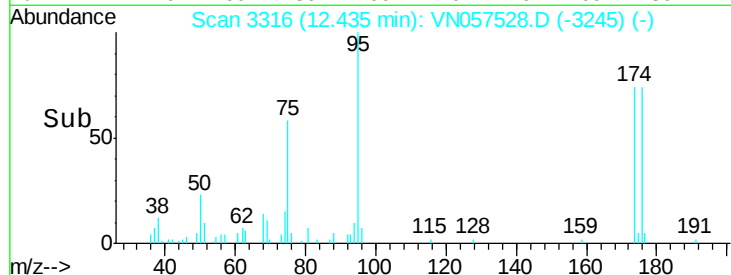
Abundance Ion 82.90 (82.60 to 83.60): VN057528.D (-3245) (-)

Ion 130.80 (130.50 to 131.50): VN057528.D (-3245) (-)

Ion 84.90 (84.60 to 85.60): VN057528.D (-3245) (-)

Time-->

12.43 12.44



#76

1,2,3-Trichloropropane

Concen: 46.715 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057528.D

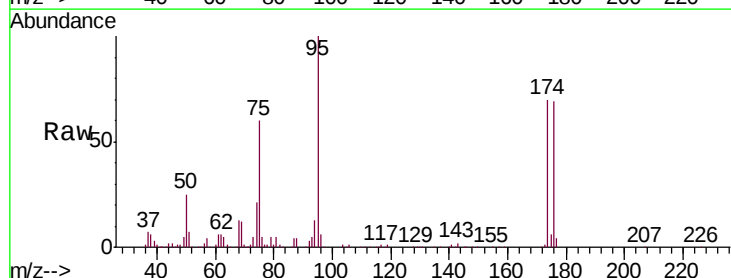
Acq: 26 Aug 2019 22:55

Tgt Ion: 75 Resp: 130385

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#

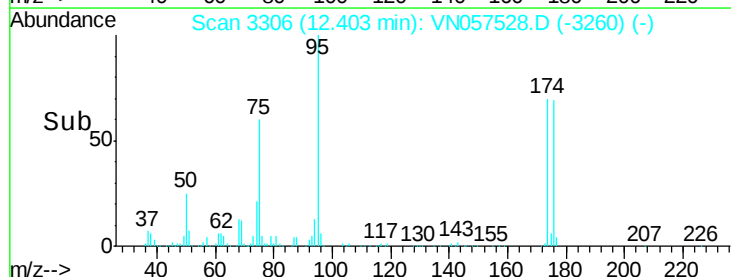


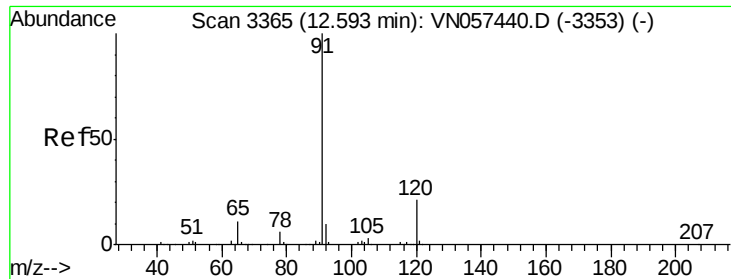
Abundance Ion 74.90 (74.60 to 75.60): VN057528.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN057528.D (-3260) (-)

Time-->

12.40 12.50





#78

n-propylbenzene

Concen: Below Cal

RT: 12.59 min Scan# 3365

Delta R.T. -0.00 min

Lab File: VN057528.D

Acq: 26 Aug 2019 22:55

Instrument :

MSVOA_N

ClientSampleId :

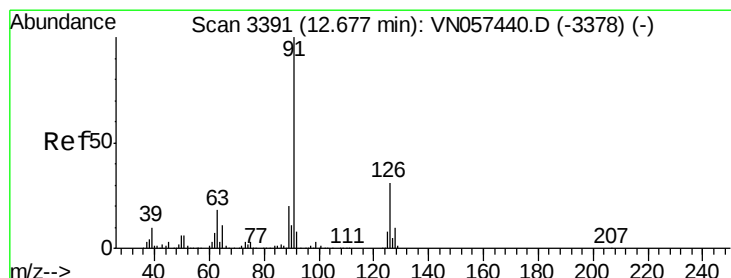
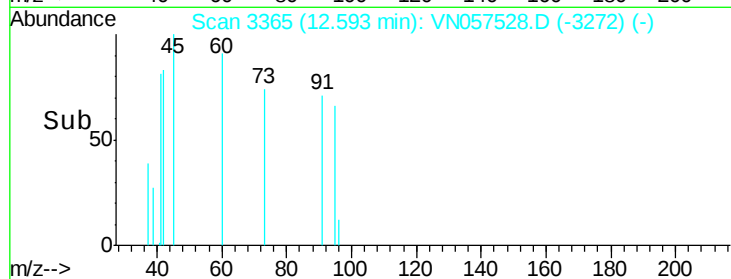
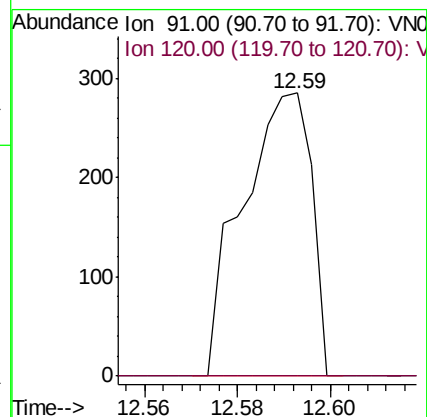
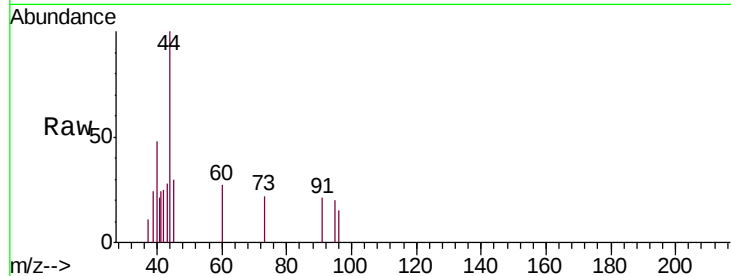
T9-12-13-K1-(0)

Tgt Ion: 91 Resp: 295

Ion Ratio Lower Upper

91 100

120 0.0 10.7 32.1#



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN057528.D

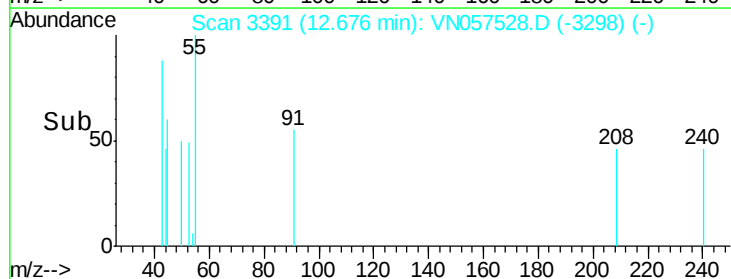
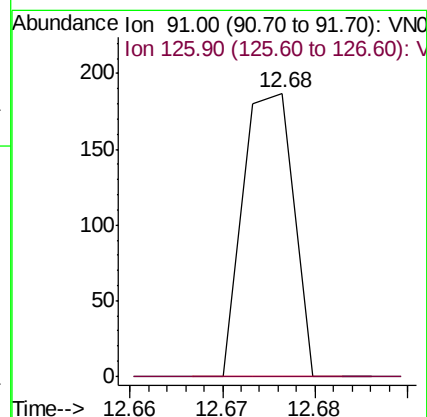
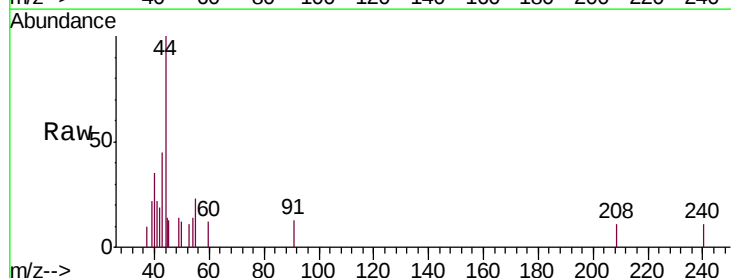
Acq: 26 Aug 2019 22:55

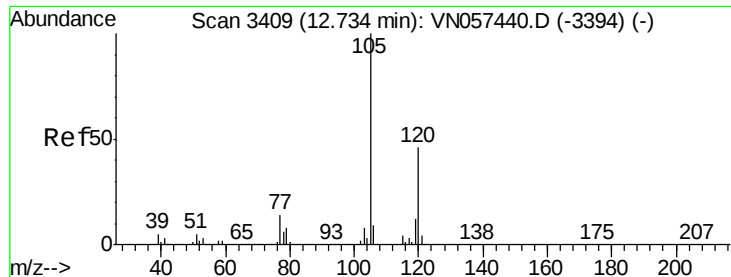
Tgt Ion: 91 Resp: 71

Ion Ratio Lower Upper

91 100

126 0.0 15.3 45.8#

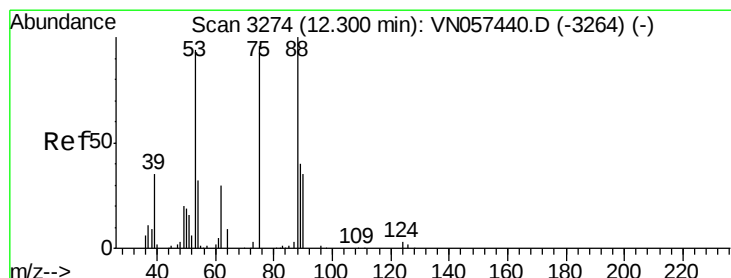
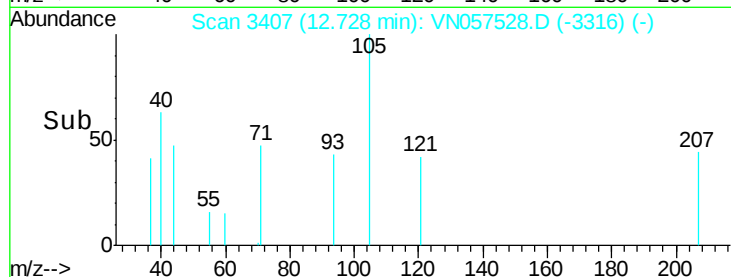
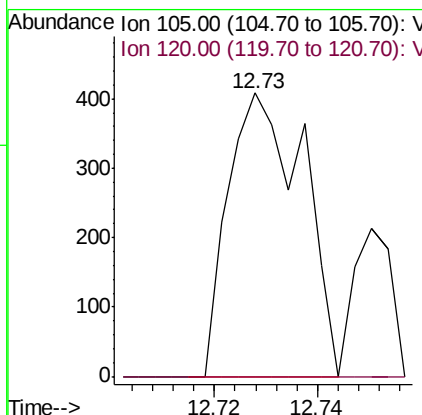
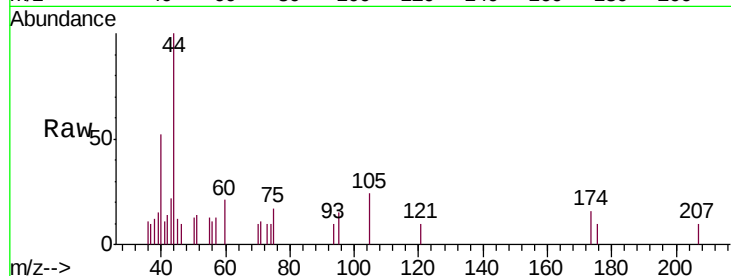




#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.73 min Scan# 3407
 Delta R.T. -0.01 min
 Lab File: VN057528.D
 Acq: 26 Aug 2019 22:55

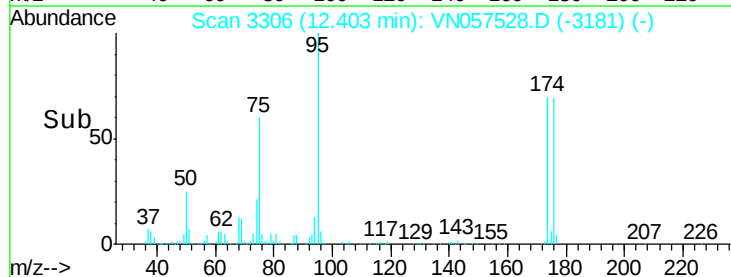
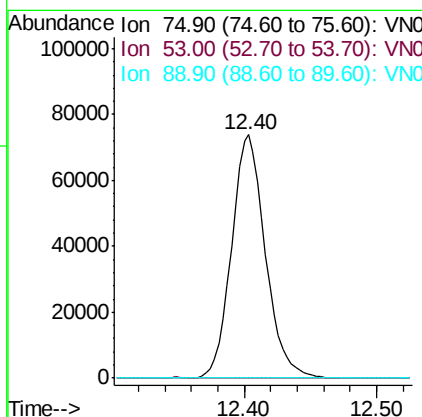
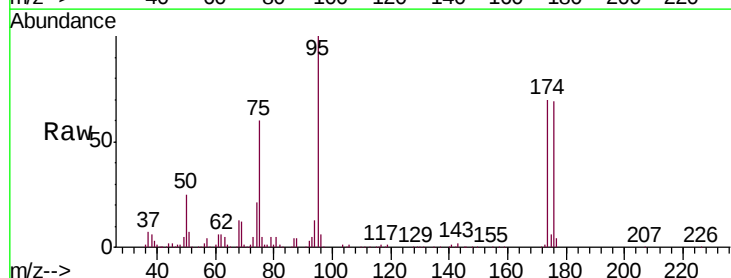
Instrument :
 MSVOA_N
 ClientSampled :
 T9-12-13-K1-(0)

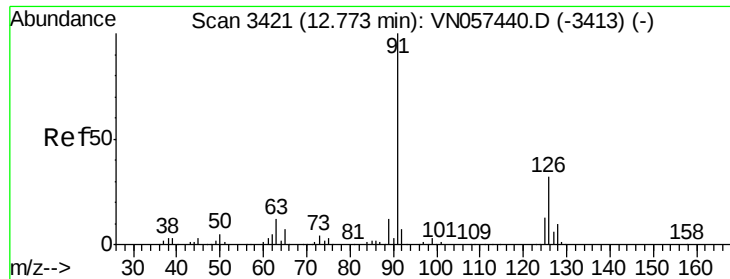
Tgt Ion: 105 Resp: 410
 Ion Ratio Lower Upper
 105 100
 120 0.0 23.3 69.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 119.498 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN057528.D
 Acq: 26 Aug 2019 22:55

Tgt Ion: 75 Resp: 130385
 Ion Ratio Lower Upper
 75 100
 53 0.1 82.7 124.1#
 89 0.0 35.8 53.8#





#82

4-Chlorotoluene

Concen: Below Cal

RT: 12.79 min Scan# 3427

Delta R.T. 0.02 min

Lab File: VN057528.D

Acq: 26 Aug 2019 22:55

Instrument :

MSVOA_N

ClientSampleId :

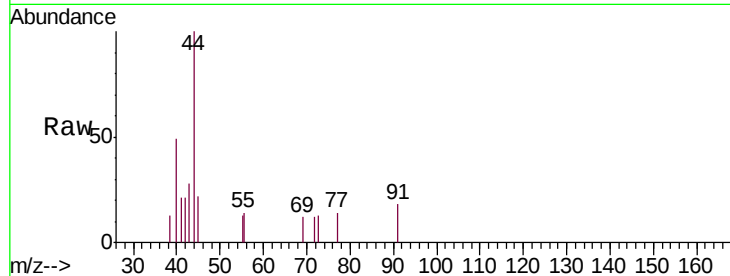
T9-12-13-K1-(0)

Tgt Ion: 91 Resp: 115

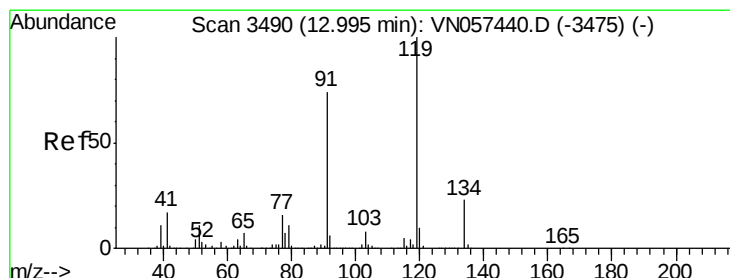
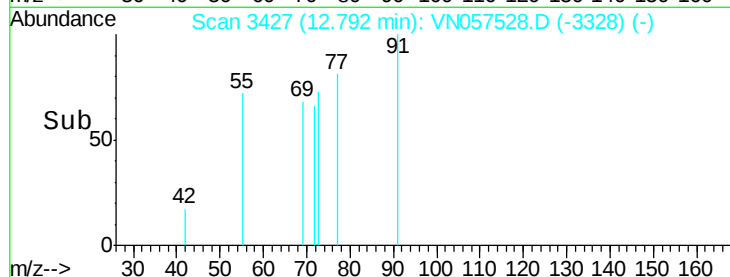
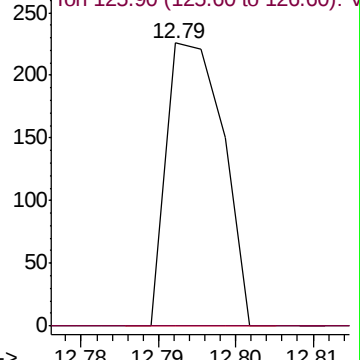
Ion Ratio Lower Upper

91 100

126 0.0 15.0 45.0#



Abundance Ion 91.00 (90.70 to 91.70): VN057440.D (-3413) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.79 min Scan# 3425

Delta R.T. -0.21 min

Lab File: VN057528.D

Acq: 26 Aug 2019 22:55

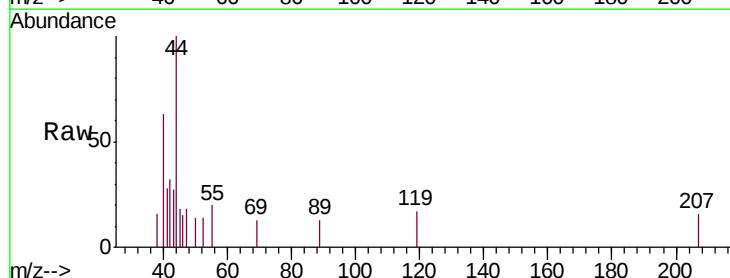
Tgt Ion: 119 Resp: 70

Ion Ratio Lower Upper

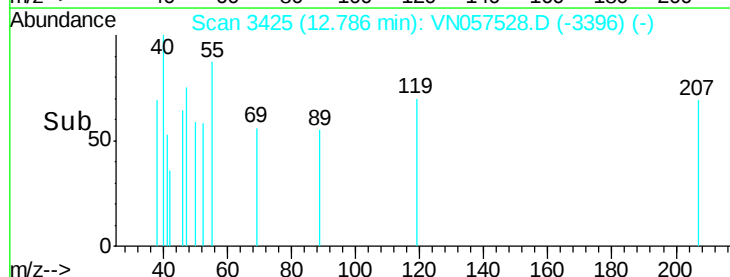
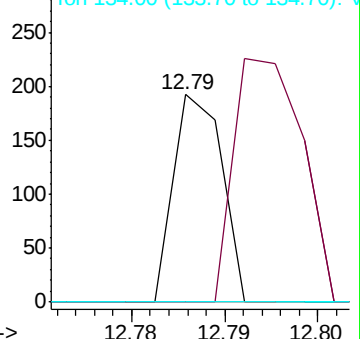
119 100

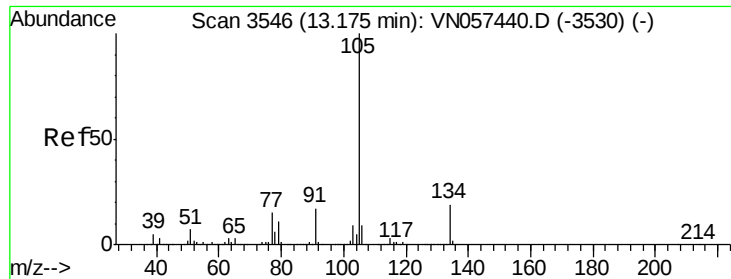
91 164.3 37.0 111.0#

134 0.0 12.2 36.6#



Abundance Ion 119.00 (118.70 to 119.70): VN057440.D (-3475) (-)





#85

sec-Butylbenzene

Concen: Below Cal

RT: 13.18 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN057528.D

Acq: 26 Aug 2019 22:55

Instrument :

MSVOA_N

ClientSampleId :

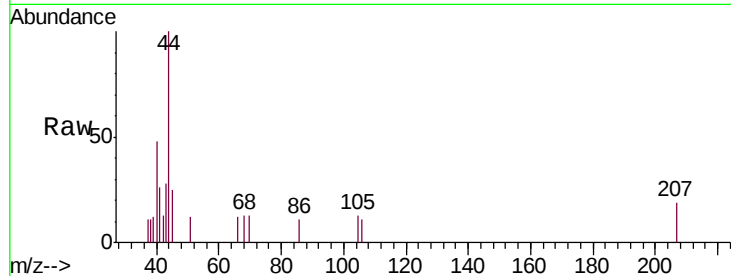
T9-12-13-K1-(0)

Tgt Ion: 105 Resp: 68

Ion Ratio Lower Upper

105 100

134 0.0 9.3 27.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.18

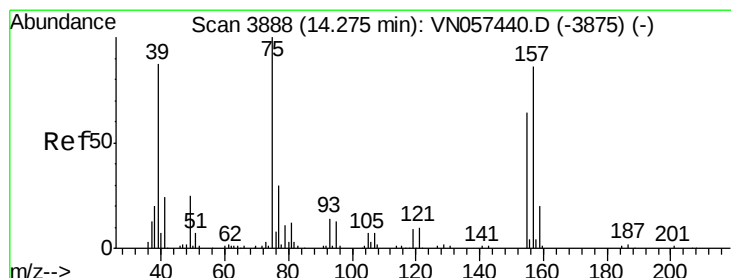
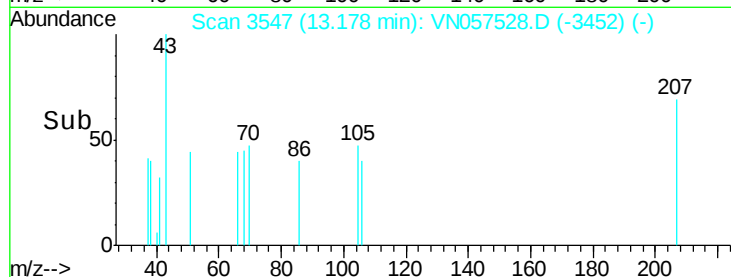
150

100

50

0

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.22 min Scan# 3870

Delta R.T. -0.06 min

Lab File: VN057528.D

Acq: 26 Aug 2019 22:55

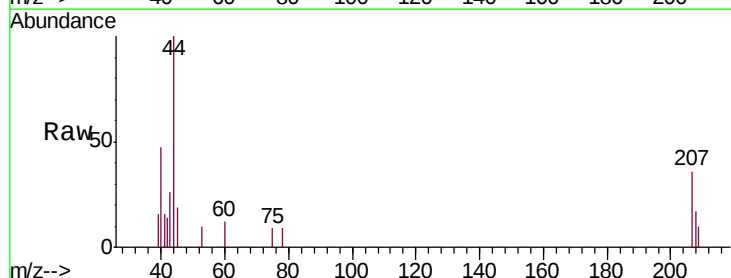
Tgt Ion: 75 Resp: 29

Ion Ratio Lower Upper

75 100

155 0.0 31.6 94.7#

157 0.0 43.3 129.8#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

14.22

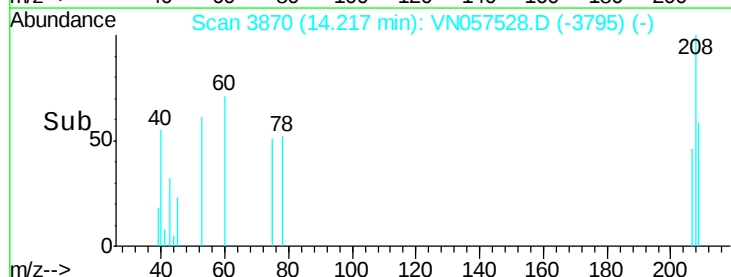
150

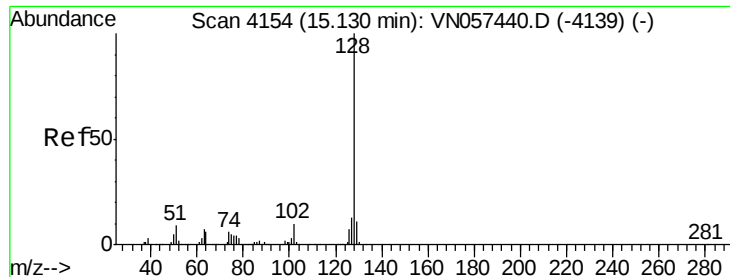
100

50

0

Time-->





#95

Naphthalene

Concen: 4.359 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN057528.D

Acq: 26 Aug 2019 22:55

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-K1-(0)

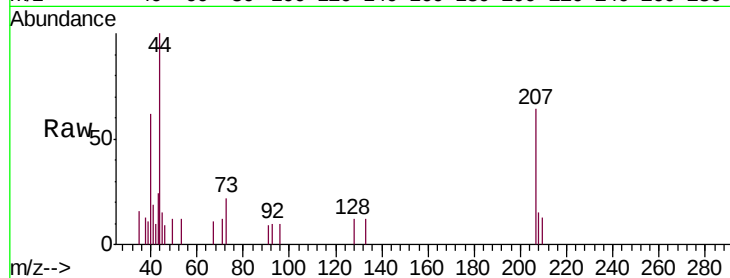
Tgt Ion:128 Resp: 109

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 0.0 8.6 13.0#



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

