

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082619\
 Data File : VN057534.D
 Acq On : 27 Aug 2019 1:27
 Operator : JC/SP
 Sample : K4493-39
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-K3-(1.9)

Quant Time: Aug 27 07:21:35 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	393969	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	709135	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	569373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	139163	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	339344	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
35) Dibromofluoromethane	7.58	113	222290	46.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.82%	
50) Toluene-d8	10.09	98	887500	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
62) 4-Bromofluorobenzene	12.40	95	238693	38.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.78%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.39	74	1081	Below Cal		84
9) 1,1,2-Trichlorotrifluoroet	3.73	101	111	Below Cal	#	39
13) Acrolein	3.57	56	157	0.207	ug/l #	1
16) Acetone	3.79	43	22636	7.112	ug/l #	86
18) Methyl Acetate	4.31	43	19942	1.987	ug/l	95
20) Methylene Chloride	4.53	84	6628	1.332	ug/l	94
29) Tetrahydrofuran	7.19	42	716	0.314	ug/l #	41
31) Cyclohexane	7.65	56	13511	1.388	ug/l #	17
36) 1,1-Dichloropropene	7.65	75	38960	5.377	ug/l #	52
38) Carbon Tetrachloride	7.65	117	43498	6.043	ug/l #	15
43) Isopropyl Acetate	8.16	43	66874	5.094	ug/l	96
46) Dibromomethane	9.22	93	63	Below Cal	#	10
48) Methyl methacrylate	9.17	41	3248	0.520	ug/l #	38
49) 1,4-Dioxane	9.18	88	157	1.945	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	28956	3.957	ug/l	100
54) cis-1,3-Dichloropropene	9.90	75	16957	1.799	ug/l #	68
58) 2-Chloroethyl Vinyl ether	9.67	63	31	17.078	ug/l #	52
59) 2-Hexanone	10.76	43	12918	2.574	ug/l #	57
71) Bromoform	12.41	173	2294	0.769	ug/l #	1
73) Isopropylbenzene	12.24	105	63	Below Cal	#	50
74) N-amyl acetate	12.07	43	106	Below Cal	#	1
75) 1,1,2,2-Tetrachloroethane	12.39	83	274	Below Cal	#	18
76) 1,2,3-Trichloropropane	12.40	75	138130	44.427	ug/l #	100
77) Bromobenzene	12.77	156	65	Below Cal	#	1
78) n-propylbenzene	12.60	91	31	Below Cal	#	55
79) 2-Chlorotoluene	12.68	91	92	Below Cal	#	44
80) 1,3,5-Trimethylbenzene	12.72	105	106	Below Cal	#	30
81) trans-1,4-Dichloro-2-buten	12.40	75	138130	113.964	ug/l #	8
82) 4-Chlorotoluene	12.77	91	63	Below Cal	#	45
83) tert-Butylbenzene	13.16	119	29	Below Cal	#	22
85) sec-Butylbenzene	13.34	105	33	Below Cal	#	1
92) 1,2-Dibromo-3-Chloropropan	14.32	75	106	Below Cal	#	11
95) Naphthalene	15.13	128	318	4.392	ug/l #	69

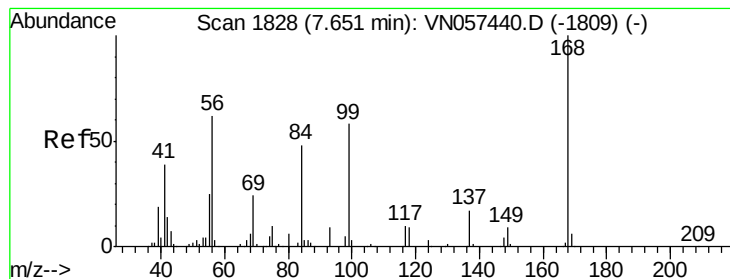
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082619\
Data File : VN057534.D
Acq On : 27 Aug 2019 1:27
Operator : JC/SP
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Quant Title : SW846 8260
QLast Update : Fri Aug 23 05:07:29 2019
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN057534.D

Acq: 27 Aug 2019 1:27

Instrument :

MSVOA_N

ClientSampleId :

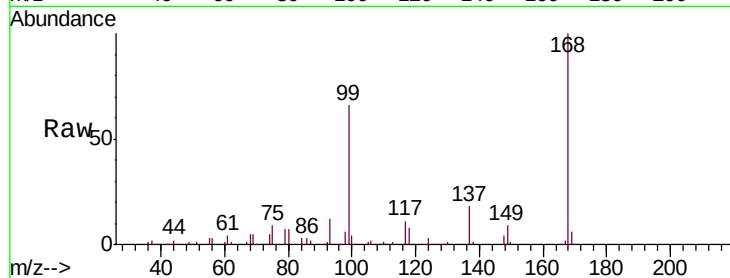
T9-12-13-K3-(1.9)

Tgt Ion:168 Resp: 393969

Ion Ratio Lower Upper

168 100

99 66.2 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): VN057440.D

Ion 98.90 (98.60 to 99.60): VN057440.D

7.65

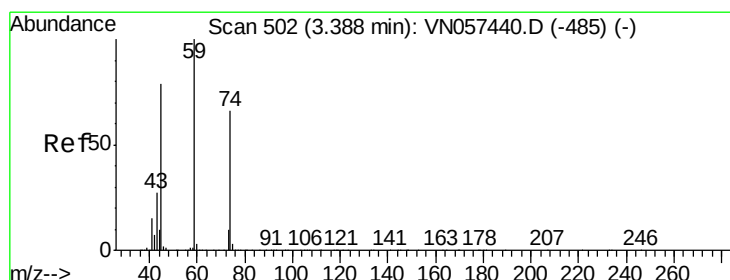
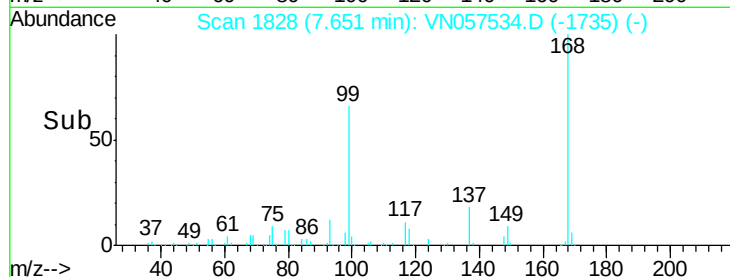
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: Below Cal

RT: 3.39 min Scan# 502

Delta R.T. 0.00 min

Lab File: VN057534.D

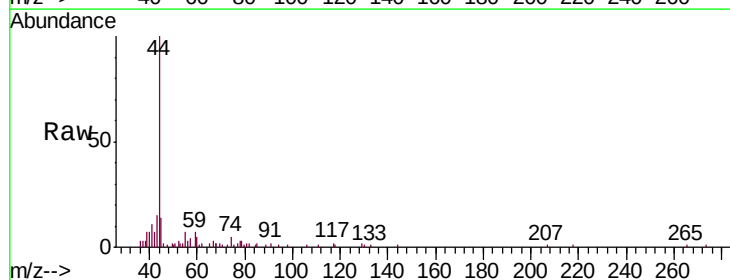
Acq: 27 Aug 2019 1:27

Tgt Ion: 74 Resp: 1081

Ion Ratio Lower Upper

74 100

45 98.1 57.9 173.6



Abundance Ion 74.00 (73.70 to 74.70): VN057440.D

Ion 45.00 (44.70 to 45.70): VN057440.D

3.39

2000

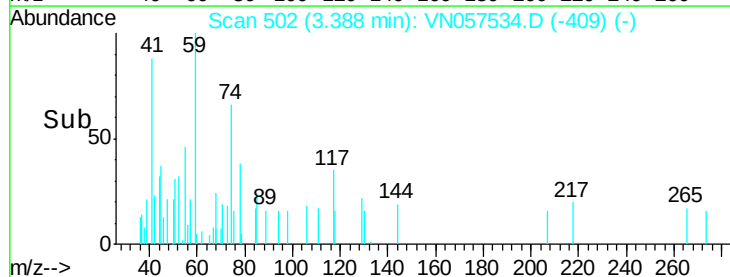
1500

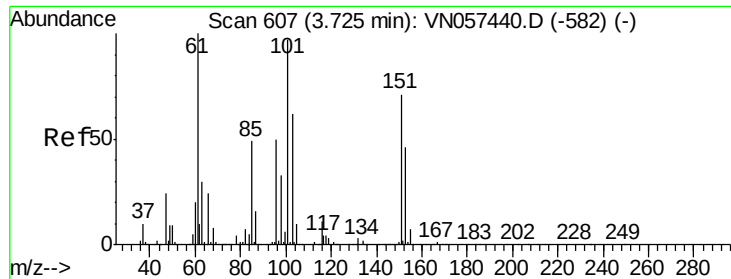
1000

500

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: Below Cal

RT: 3.73 min Scan# 609

Delta R.T. 0.01 min

Lab File: VN057534.D

Acq: 27 Aug 2019 1:27

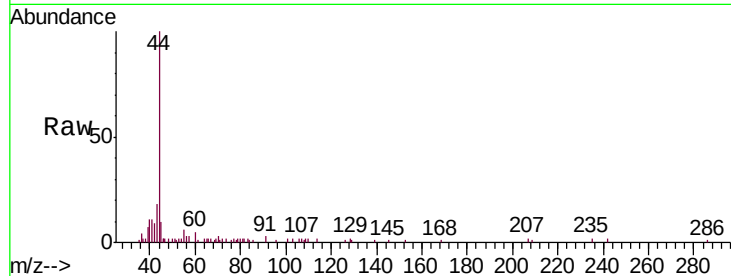
Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-K3-(1.9)

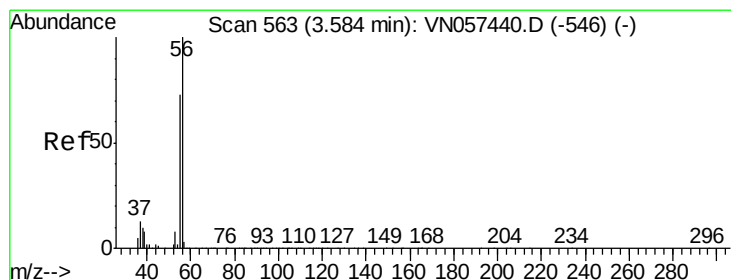
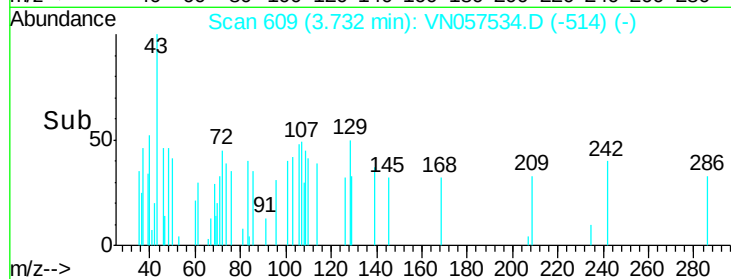
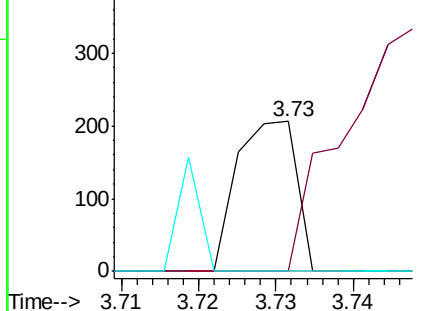
Tgt Ion:	101	Resp:	111
Ion	Ratio	Lower	Upper
101	100		
85	0.0	40.0	60.0#
151	27.0	57.0	85.6#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#13

Acrolein

Concen: 0.207 ug/l

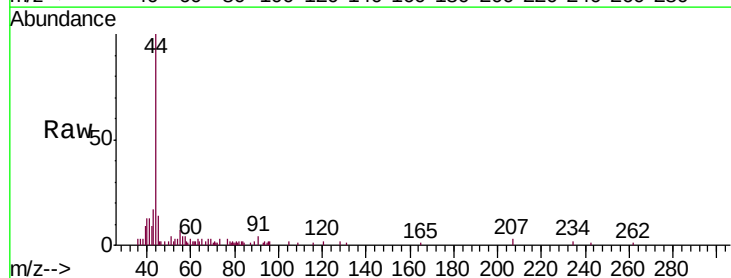
RT: 3.57 min Scan# 560

Delta R.T. -0.01 min

Lab File: VN057534.D

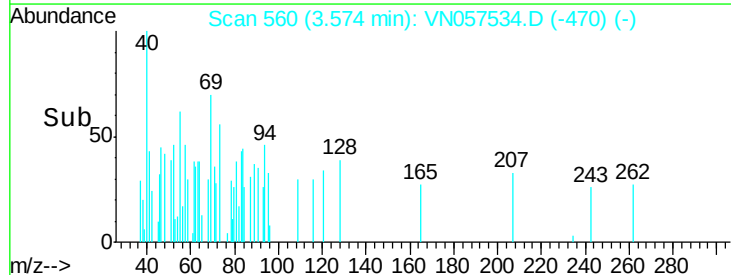
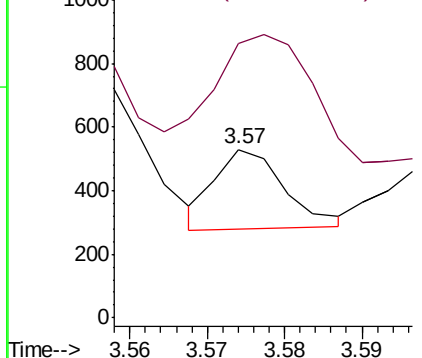
Acq: 27 Aug 2019 1:27

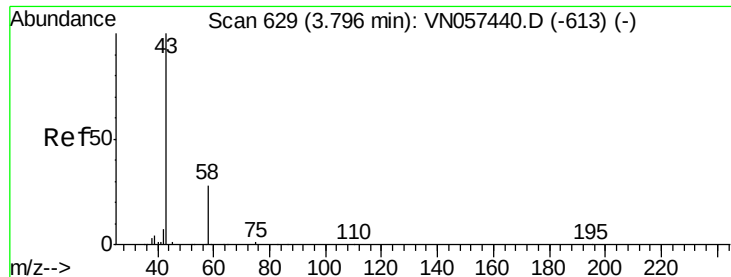
Tgt Ion:	56	Resp:	157
Ion	Ratio	Lower	Upper
56	100		
55	224.8	59.0	88.4#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

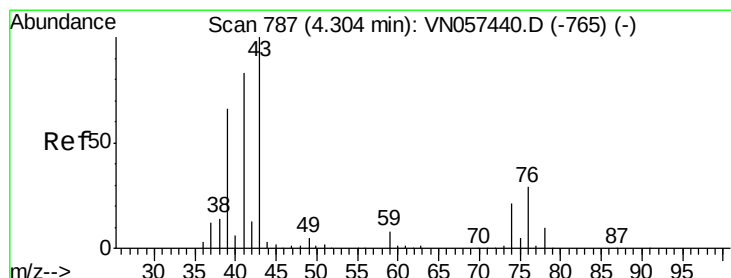
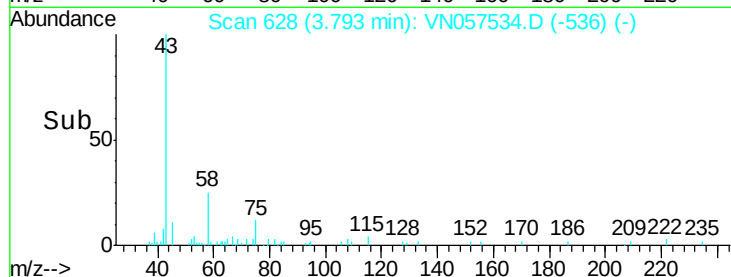
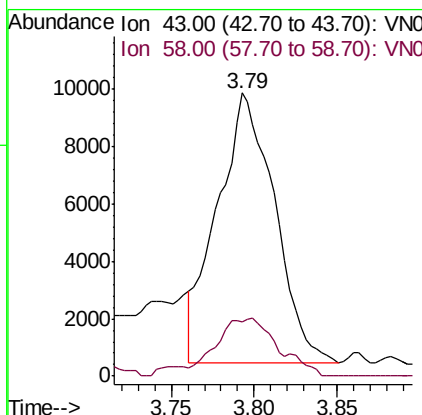
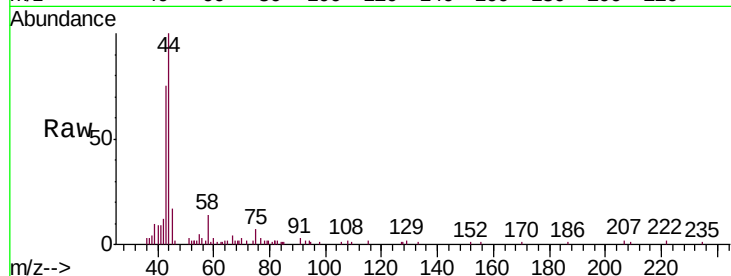




#16
Acetone
Concen: 7.112 ug/l
RT: 3.79 min Scan# 628
Delta R.T. -0.00 min
Lab File: VN057534.D
Acq: 27 Aug 2019 1:27

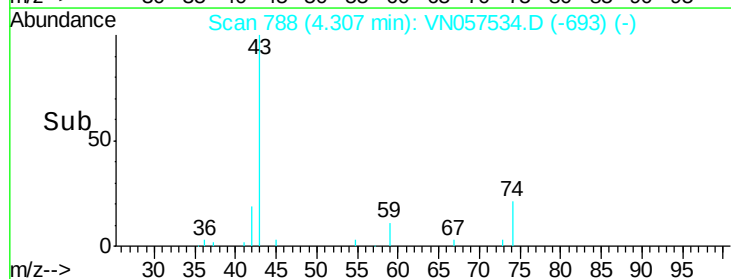
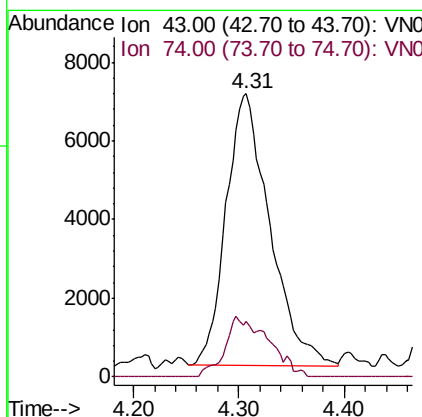
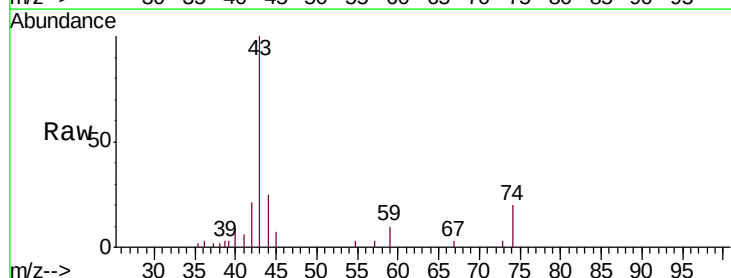
Instrument :
MSVOA_N
ClientSampled :
T9-12-13-K3-(1.9)

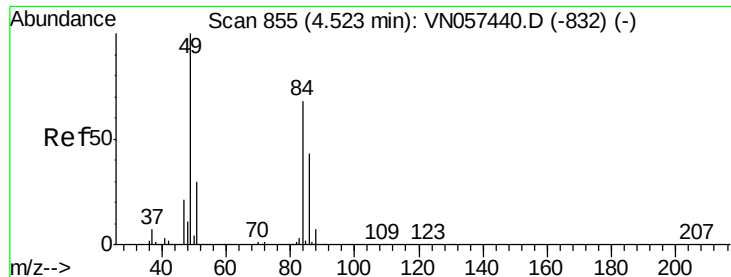
Tgt Ion: 43 Resp: 22636
Ion Ratio Lower Upper
43 100
58 20.3 22.1 33.1#



#18
Methyl Acetate
Concen: 1.987 ug/l
RT: 4.31 min Scan# 788
Delta R.T. 0.00 min
Lab File: VN057534.D
Acq: 27 Aug 2019 1:27

Tgt Ion: 43 Resp: 19942
Ion Ratio Lower Upper
43 100
74 22.2 15.9 23.9

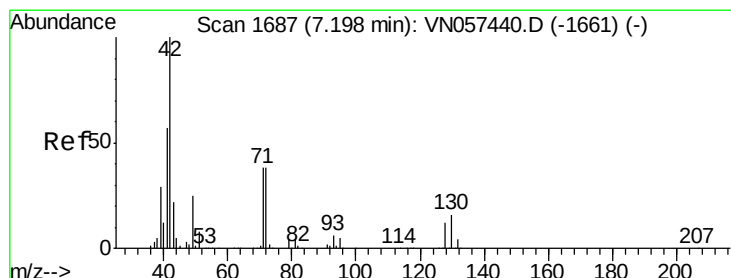
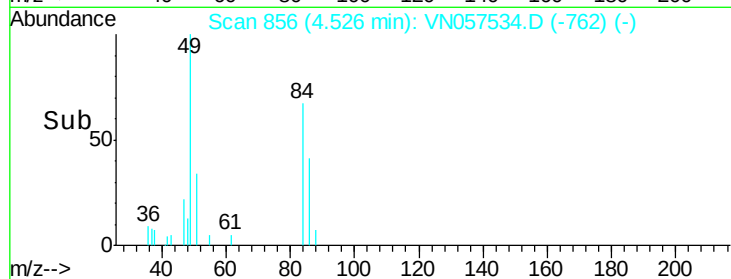
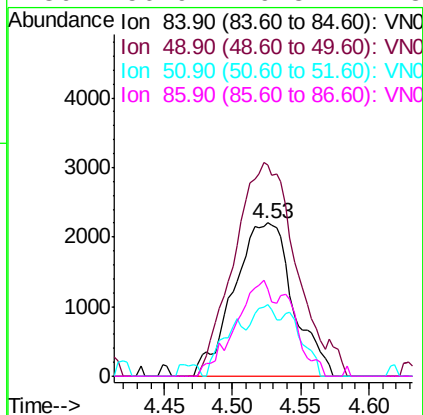
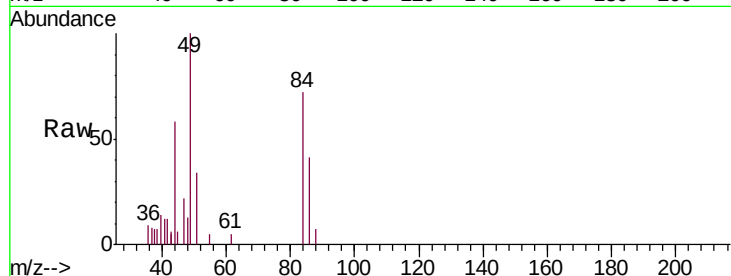




#20
Methylene Chloride
Concen: 1.332 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN057534.D
Acq: 27 Aug 2019 1:27

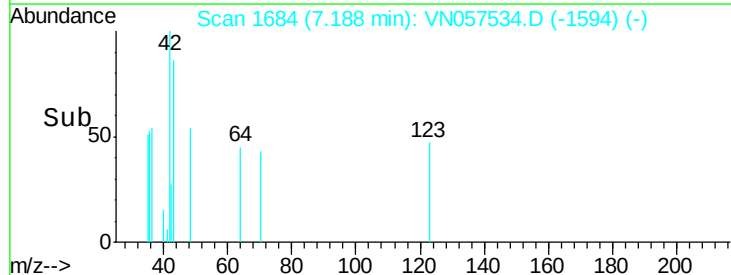
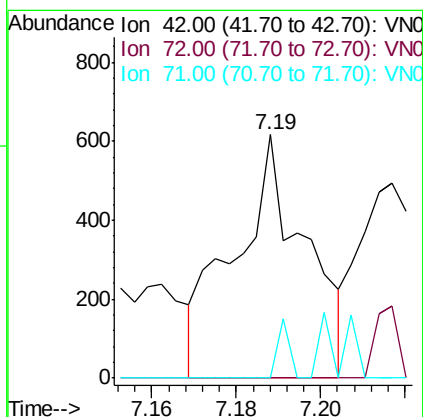
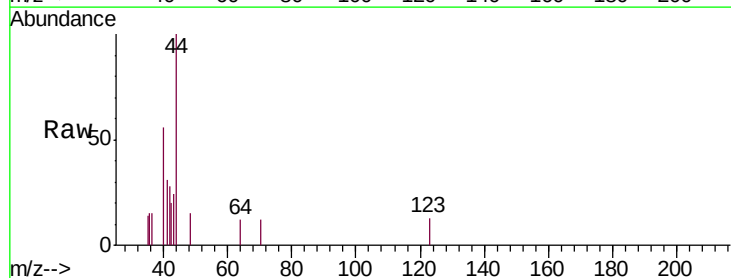
Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-K3-(1.9)

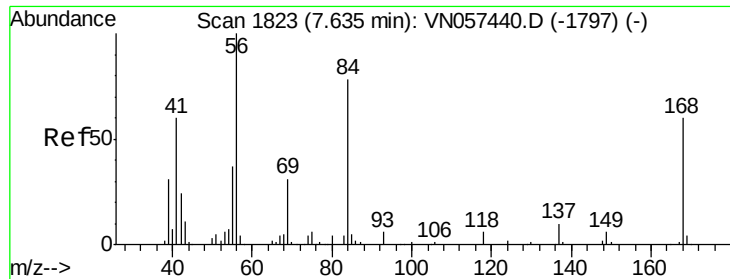
Tgt Ion:	84	Resp:	6628
Ion	Ratio	Lower	Upper
84	100		
49	138.2	117.0	175.4
51	46.4	35.5	53.3
86	56.9	49.8	74.8



#29
Tetrahydrofuran
Concen: 0.314 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. -0.01 min
Lab File: VN057534.D
Acq: 27 Aug 2019 1:27

Tgt Ion:	42	Resp:	716
Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.1	45.1#
71	4.1	28.8	43.2#

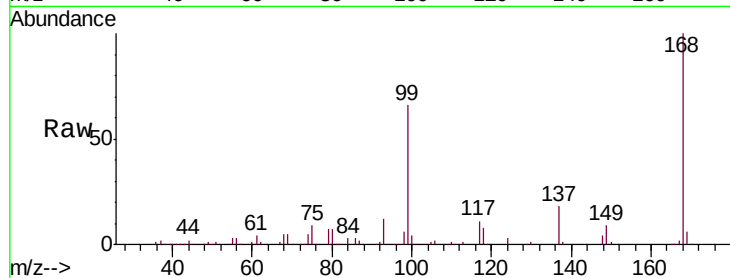




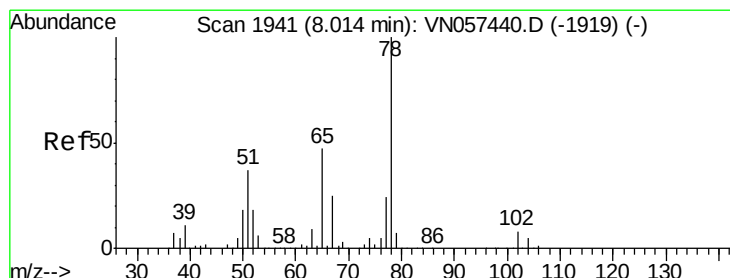
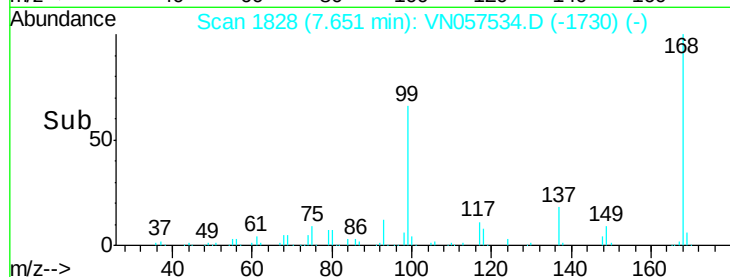
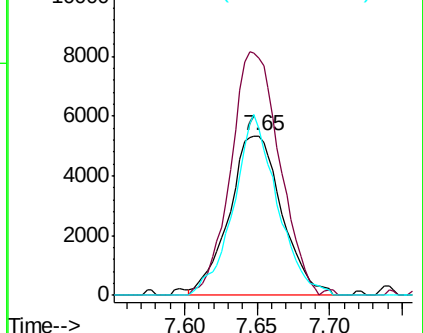
#31
Cyclohexane
Concen: 1.388 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.02 min
Lab File: VN057534.D
Acq: 27 Aug 2019 1:27

Instrument :
MSVOA_N
ClientSampled :
T9-12-13-K3-(1.9)

Tgt Ion: 56 Resp: 13511
Ion Ratio Lower Upper
56 100
69 148.7 25.0 37.6#
84 104.7 62.5 93.7#

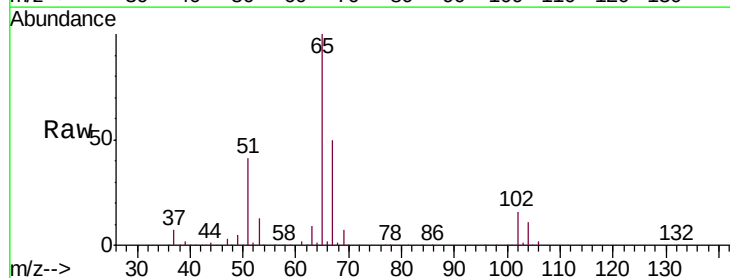


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

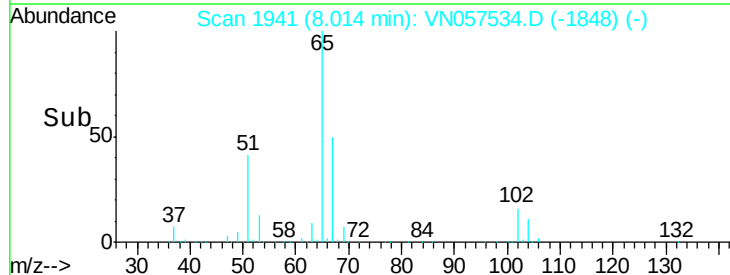
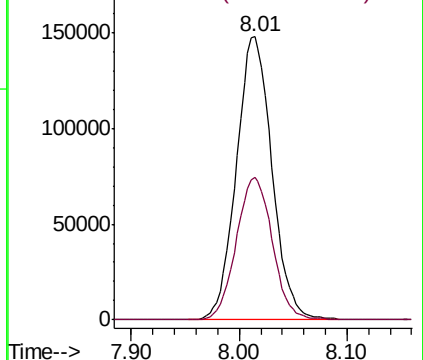


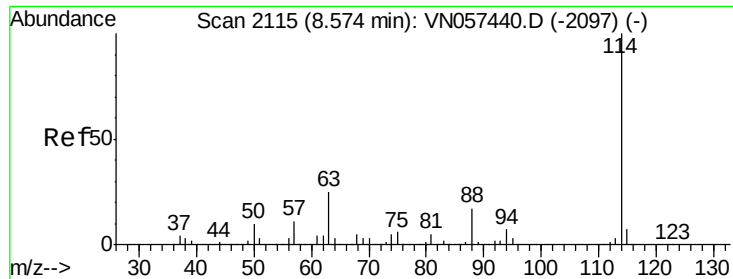
#33
1,2-Dichloroethane-d4
Concen: 48.965 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VN057534.D
Acq: 27 Aug 2019 1:27

Tgt Ion: 65 Resp: 339344
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.8



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

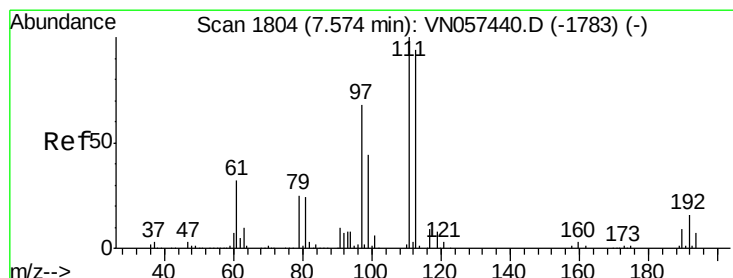
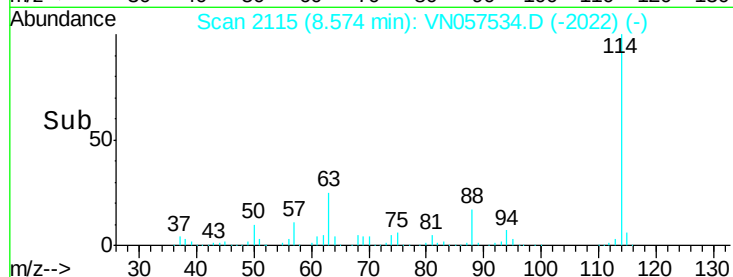
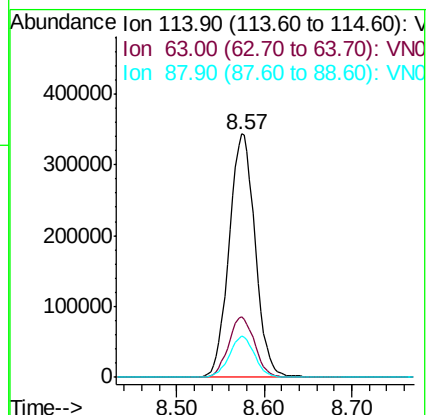
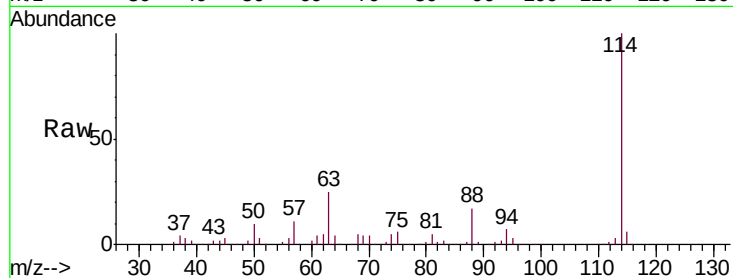




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. -0.00 min
Lab File: VN057534.D
Acq: 27 Aug 2019 1:27

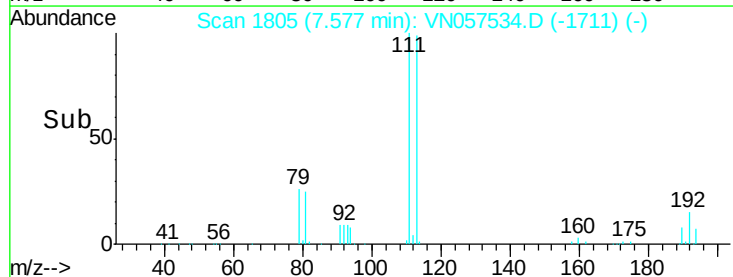
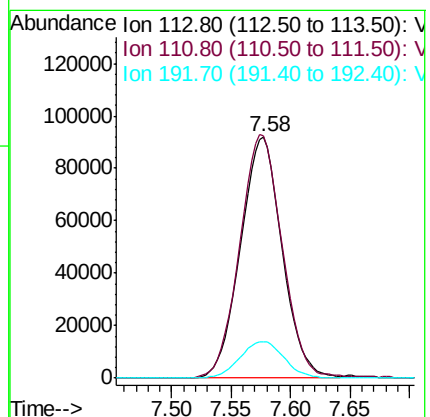
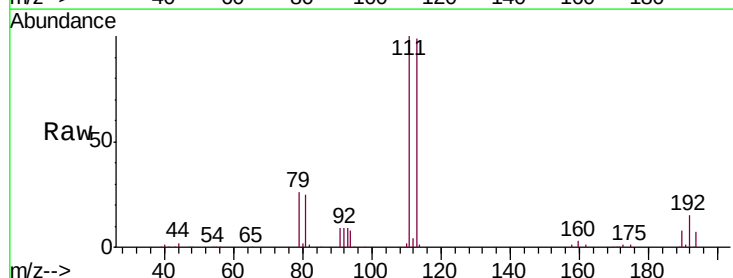
Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-K3-(1.9)

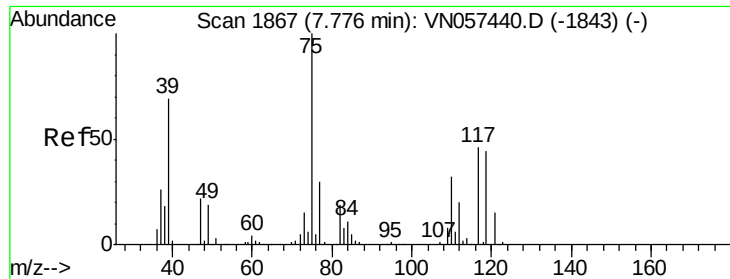
Tgt Ion:114 Resp: 709135
Ion Ratio Lower Upper
114 100
63 24.9 0.0 50.2
88 16.8 0.0 34.6



#35
Dibromofluoromethane
Concen: 46.408 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VN057534.D
Acq: 27 Aug 2019 1:27

Tgt Ion:113 Resp: 222290
Ion Ratio Lower Upper
113 100
111 103.3 83.8 125.6
192 16.2 13.5 20.3

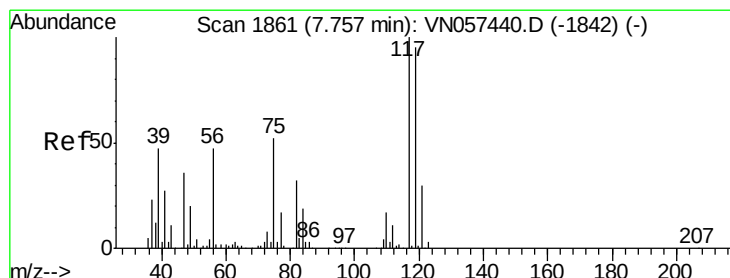
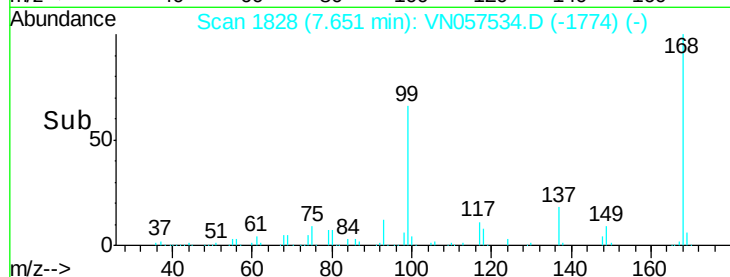
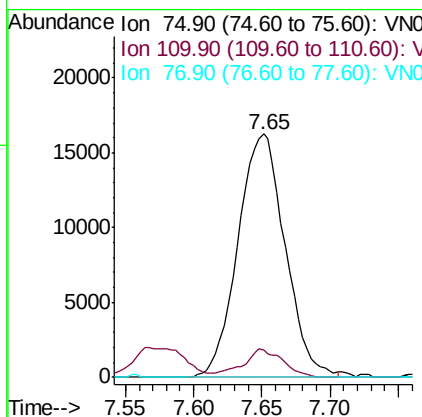
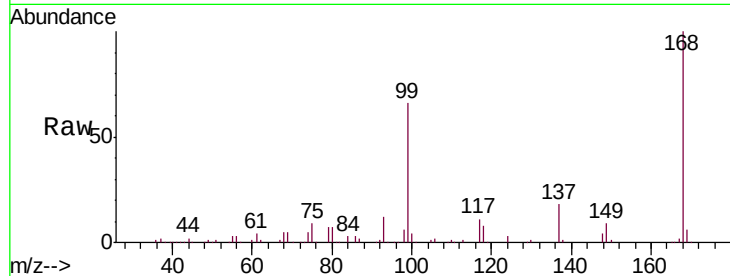




#36
 1,1-Dichloropropene
 Concen: 5.377 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN057534.D
 Acq: 27 Aug 2019 1:27

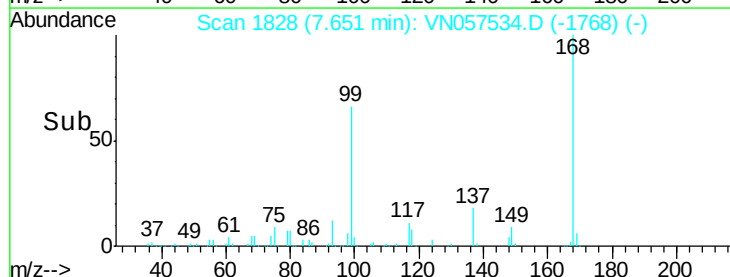
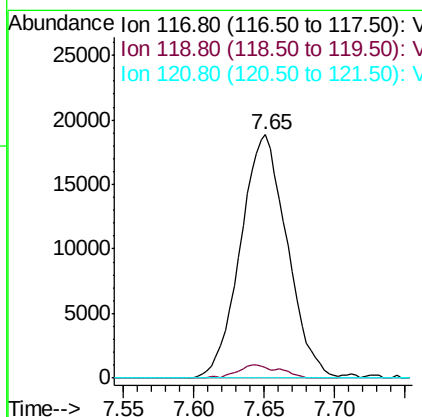
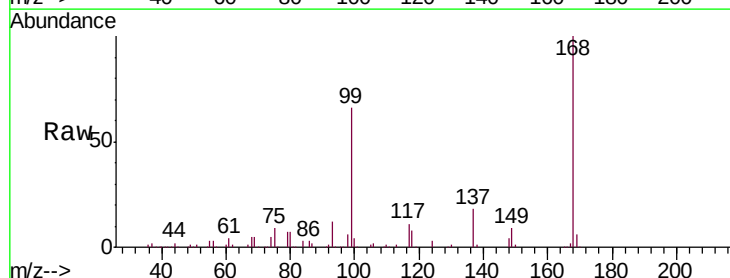
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-K3-(1.9)

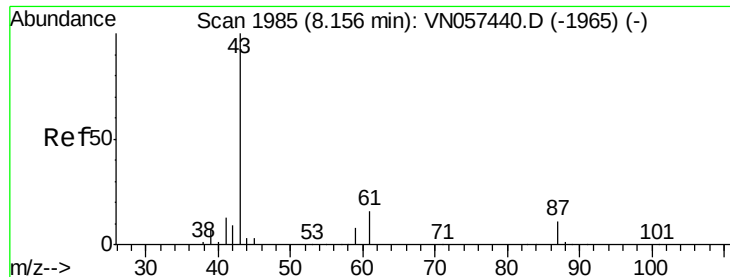
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.9	16.1	48.3#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.043 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.11 min
 Lab File: VN057534.D
 Acq: 27 Aug 2019 1:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.1	76.2	114.4#
121	0.0	23.8	35.6#





#43

Isopropyl Acetate

Concen: 5.094 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN057534.D

Acq: 27 Aug 2019 1:27

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-K3-(1.9)

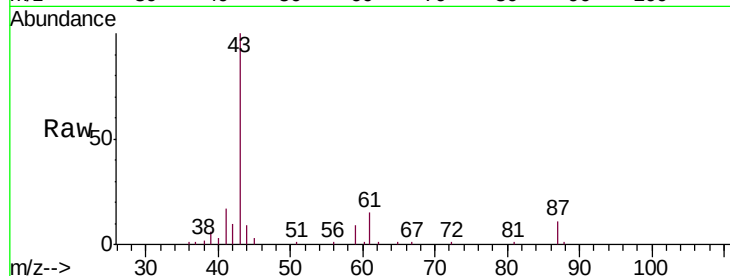
Tgt Ion: 43 Resp: 66874

Ion Ratio Lower Upper

43 100

61 15.7 14.5 21.7

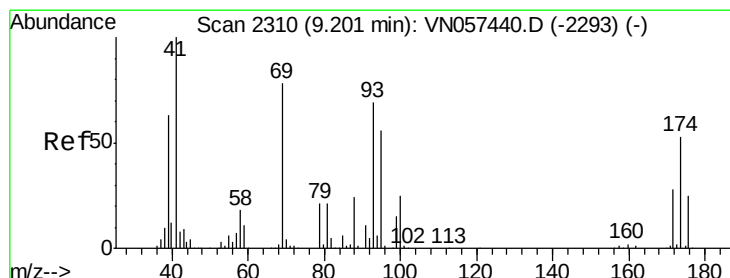
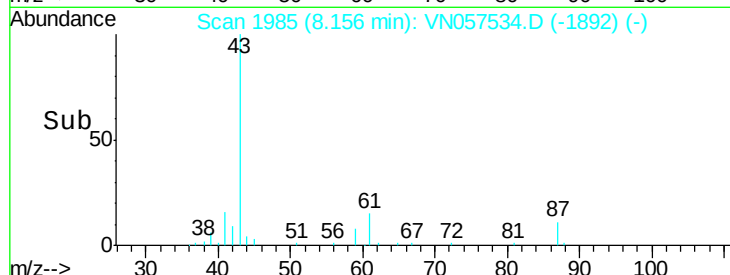
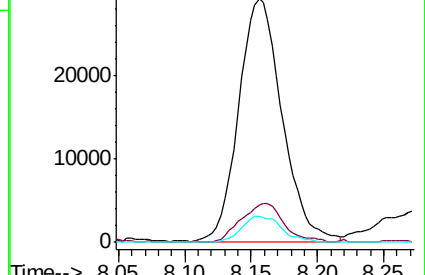
87 10.0 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VN057534.D (-1892) (-)

Ion 61.00 (60.70 to 61.70): VN057534.D (-1892) (-)

Ion 87.00 (86.70 to 87.70): VN057534.D (-1892) (-)



#46

Dibromomethane

Concen: Below Cal

RT: 9.22 min Scan# 2316

Delta R.T. 0.02 min

Lab File: VN057534.D

Acq: 27 Aug 2019 1:27

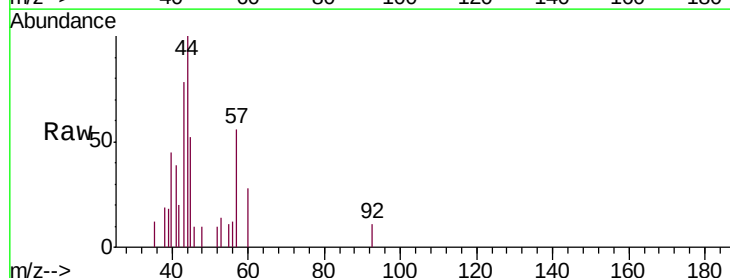
Tgt Ion: 93 Resp: 63

Ion Ratio Lower Upper

93 100

95 0.0 64.7 97.1#

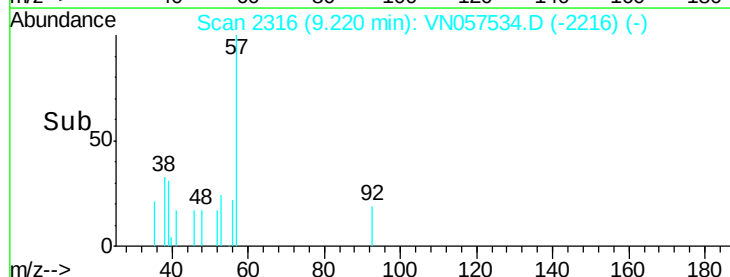
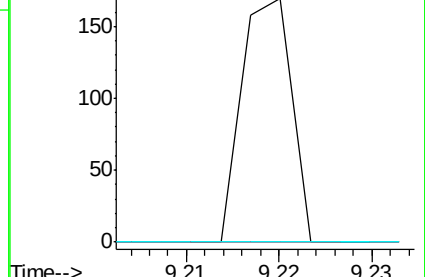
174 0.0 62.3 93.5#

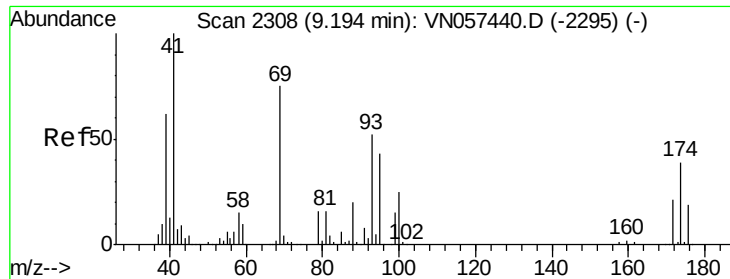


Abundance Ion 92.80 (92.50 to 93.50): VN057534.D (-2216) (-)

Ion 94.80 (94.50 to 95.50): VN057534.D (-2216) (-)

Ion 173.70 (173.40 to 174.40): VN057534.D (-2216) (-)

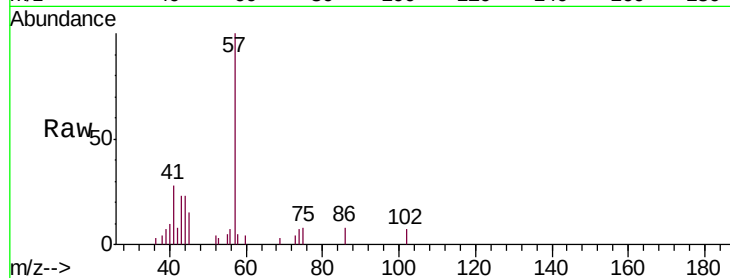




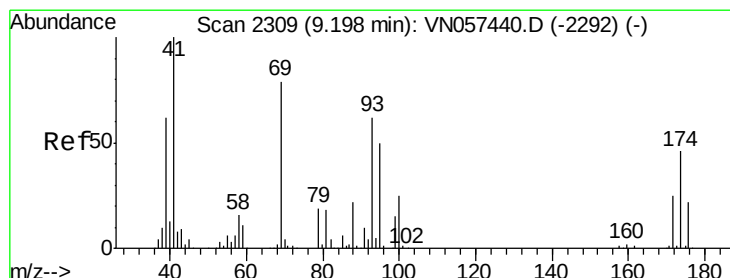
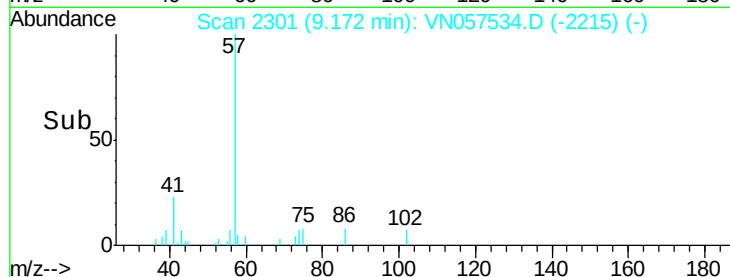
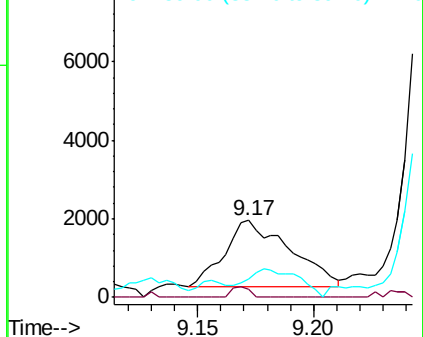
#48
Methyl methacrylate
Concen: 0.520 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. -0.02 min
Lab File: VN057534.D
Acq: 27 Aug 2019 1:27

Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-K3-(1.9)

Tgt Ion: 41 Resp: 3248
Ion Ratio Lower Upper
41 100
69 4.2 59.3 88.9#
39 33.5 50.6 75.8#

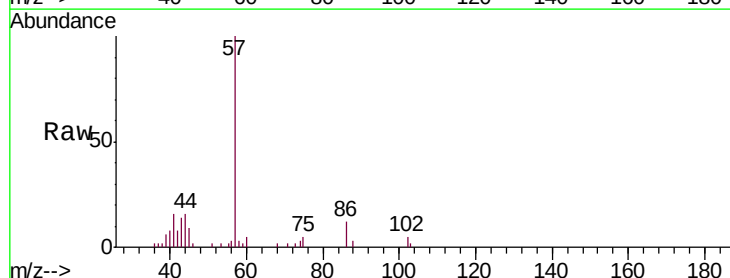


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

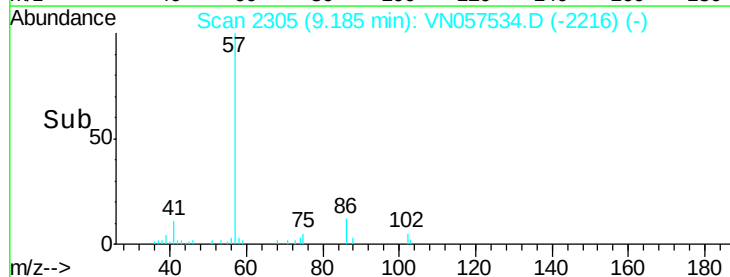
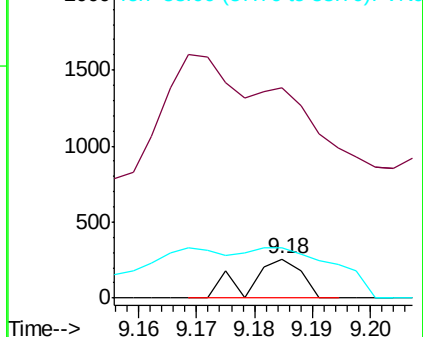


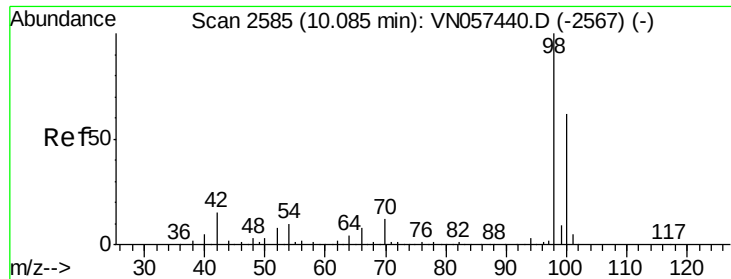
#49
1,4-Dioxane
Concen: 1.945 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.01 min
Lab File: VN057534.D
Acq: 27 Aug 2019 1:27

Tgt Ion: 88 Resp: 157
Ion Ratio Lower Upper
88 100
43 0.0 31.0 46.6#
58 240.1 64.5 96.7#



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





#50

Toluene-d8

Concen: 49.002 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057534.D

Acq: 27 Aug 2019 1:27

Instrument :

MSVOA_N

ClientSampled :

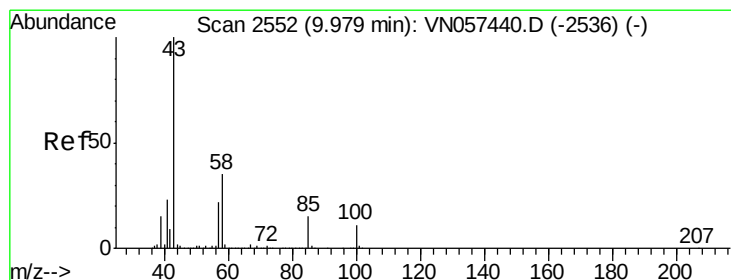
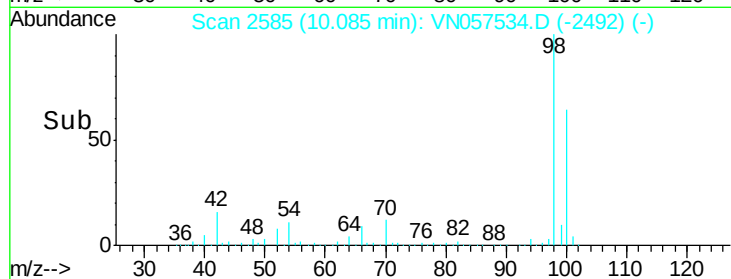
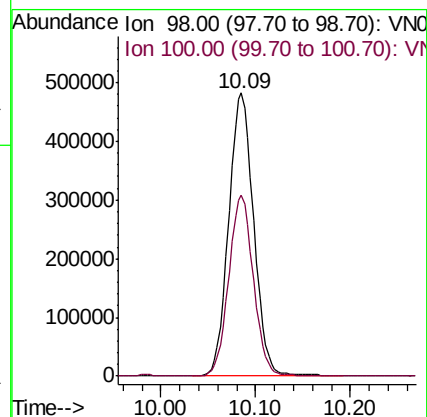
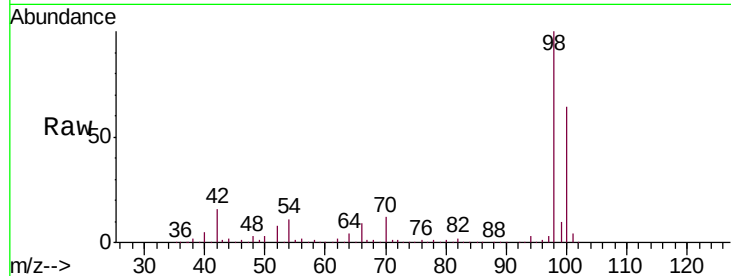
T9-12-13-K3-(1.9)

Tgt Ion: 98 Resp: 887500

Ion Ratio Lower Upper

98 100

100 62.8 50.4 75.6



#51

4-Methyl-2-Pentanone

Concen: 3.957 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN057534.D

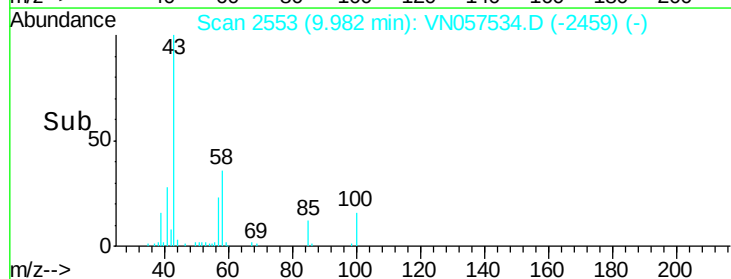
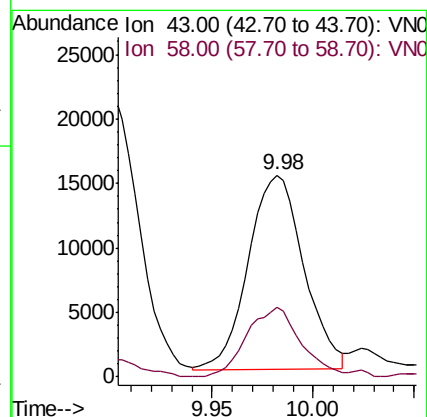
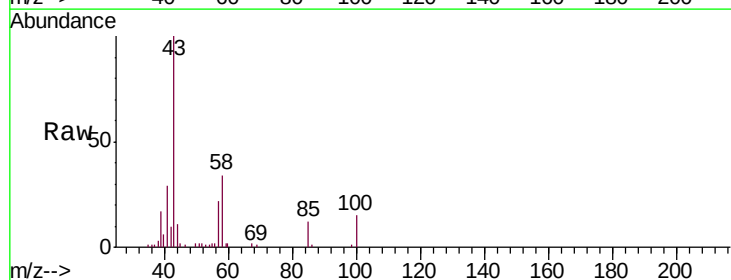
Acq: 27 Aug 2019 1:27

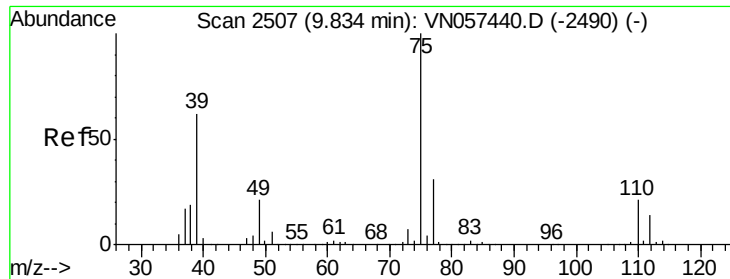
Tgt Ion: 43 Resp: 28956

Ion Ratio Lower Upper

43 100

58 34.9 27.9 41.9

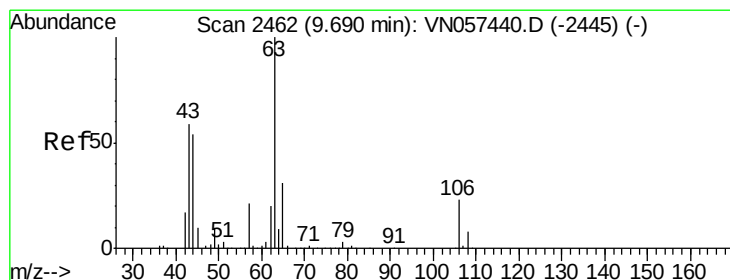
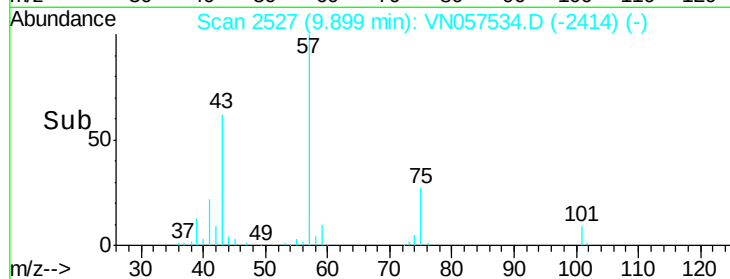
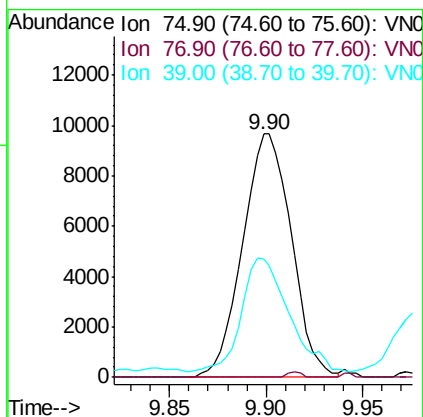
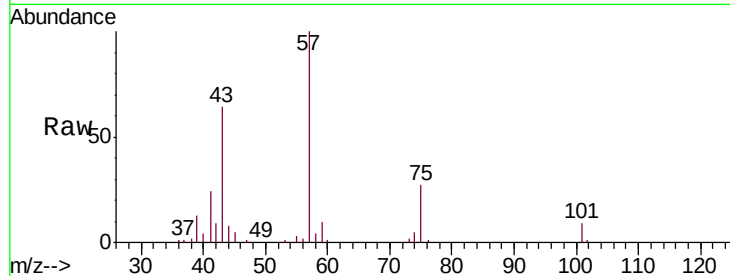




#54
 cis-1,3-Dichloropropene
 Concen: 1.799 ug/l
 RT: 9.90 min Scan# 2527
 Delta R.T. 0.06 min
 Lab File: VN057534.D
 Acq: 27 Aug 2019 1:27

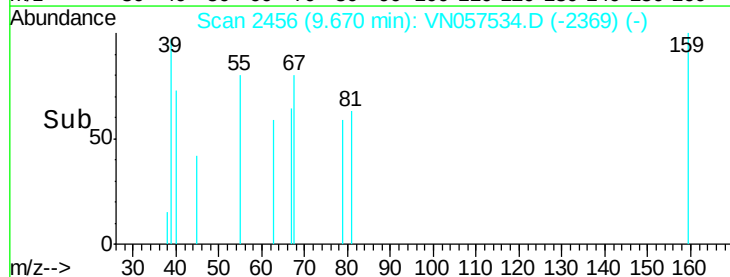
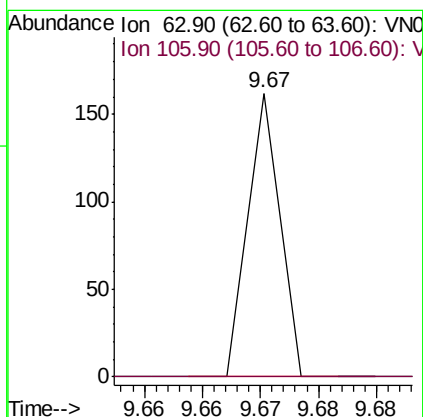
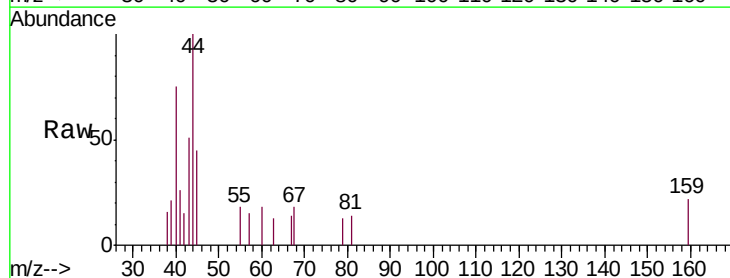
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-K3-(1.9)

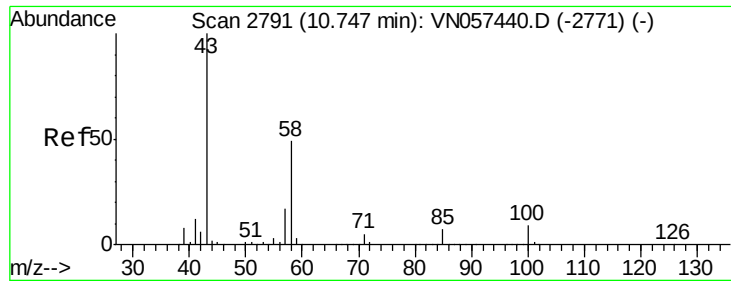
Tgt Ion: 75 Resp: 16957
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.0 37.6#
 39 46.3 49.2 73.8#



#58
 2-Chloroethyl Vinyl ether
 Concen: 17.078 ug/l
 RT: 9.67 min Scan# 2456
 Delta R.T. -0.02 min
 Lab File: VN057534.D
 Acq: 27 Aug 2019 1:27

Tgt Ion: 63 Resp: 31
 Ion Ratio Lower Upper
 63 100
 106 0.0 18.6 27.8#

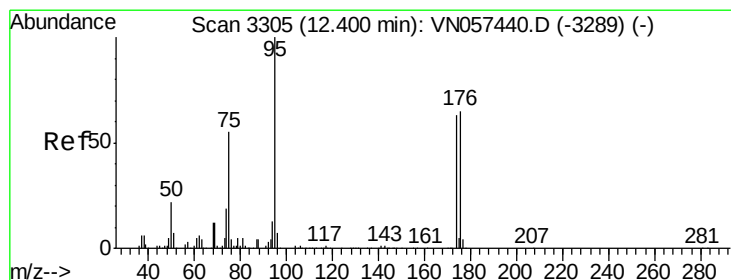
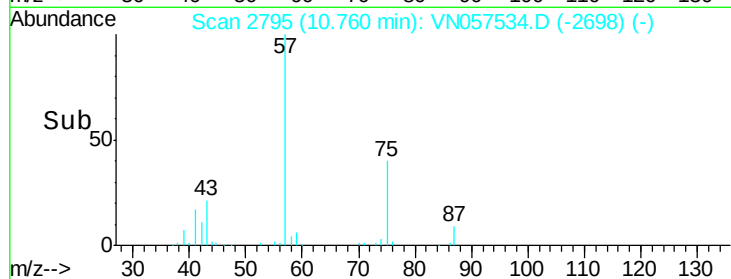
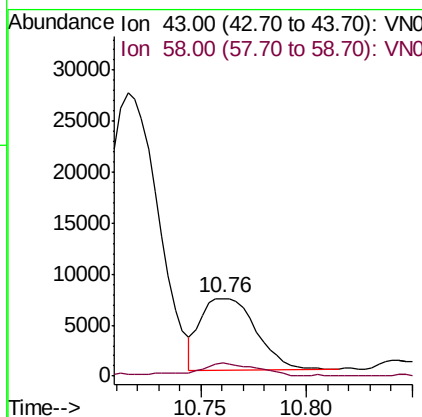
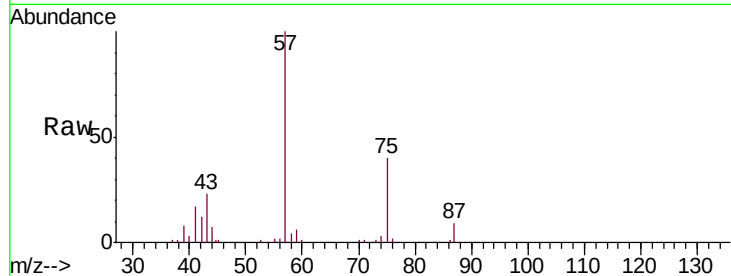




#59
2-Hexanone
Concen: 2.574 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN057534.D
Acq: 27 Aug 2019 1:27

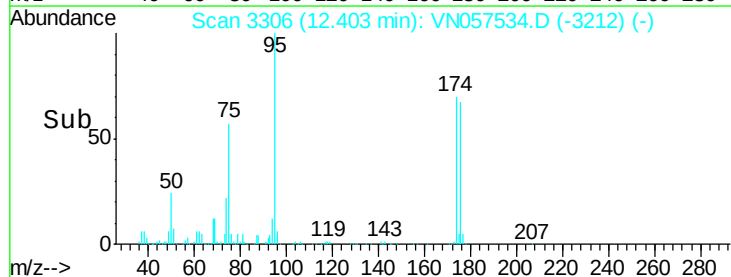
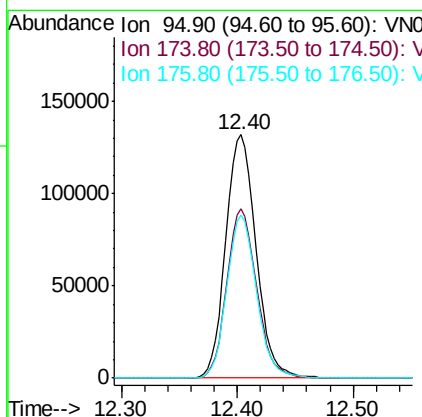
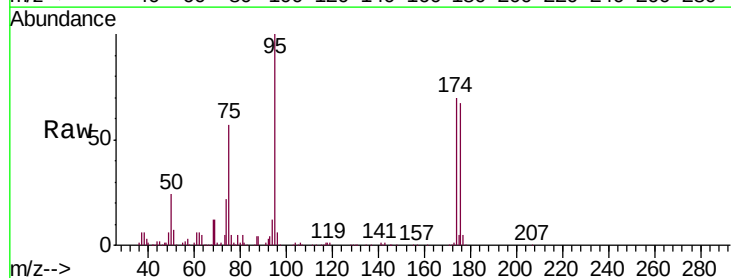
Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-K3-(1.9)

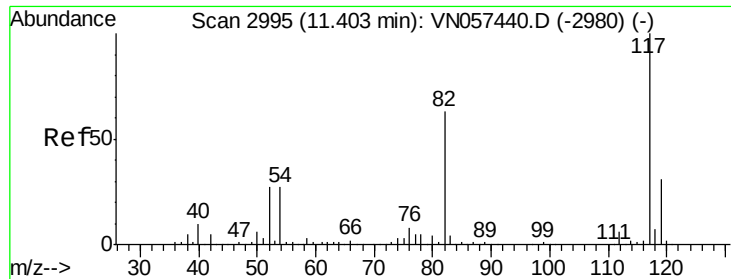
Tgt Ion: 43 Resp: 12918
Ion Ratio Lower Upper
43 100
58 19.8 24.6 73.6#



#62
4-Bromofluorobenzene
Concen: 38.889 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057534.D
Acq: 27 Aug 2019 1:27

Tgt Ion: 95 Resp: 238693
Ion Ratio Lower Upper
95 100
174 68.3 0.0 133.0
176 65.5 0.0 130.8

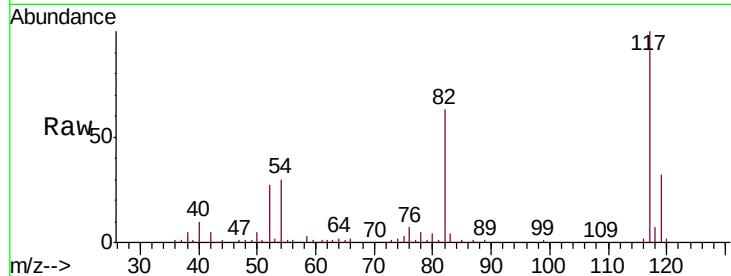




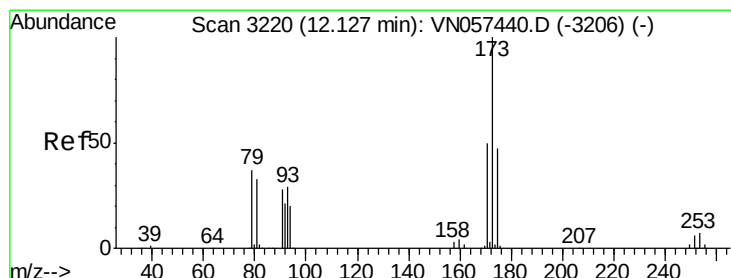
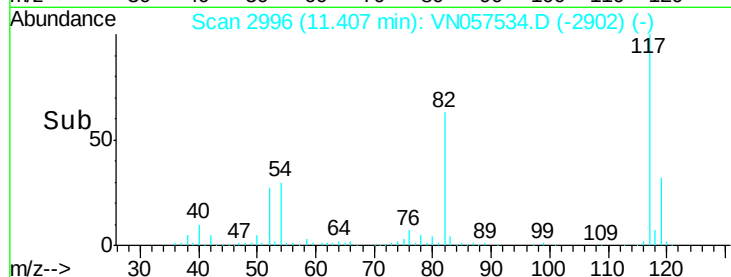
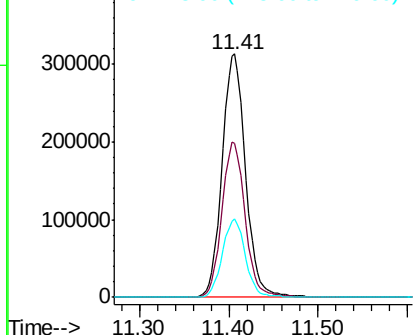
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057534.D
Acq: 27 Aug 2019 1:27

Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-K3-(1.9)

Tgt Ion:117 Resp: 569373
Ion Ratio Lower Upper
117 100
82 63.5 50.6 75.8
119 32.1 24.6 36.8

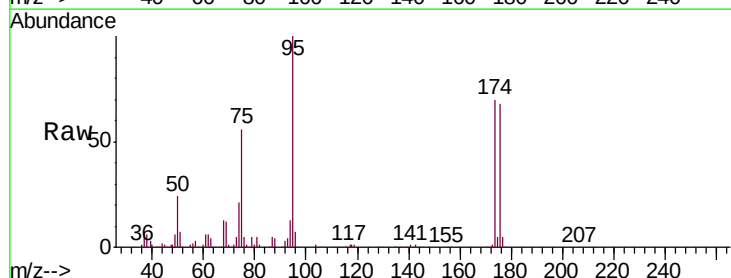


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

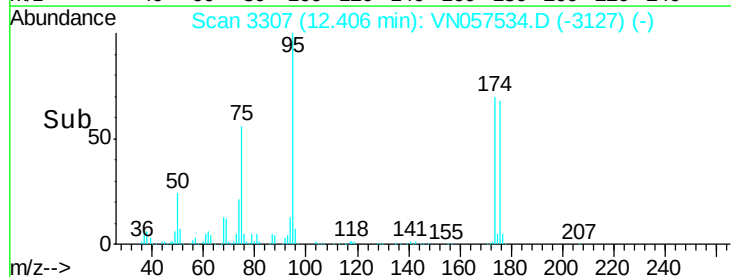
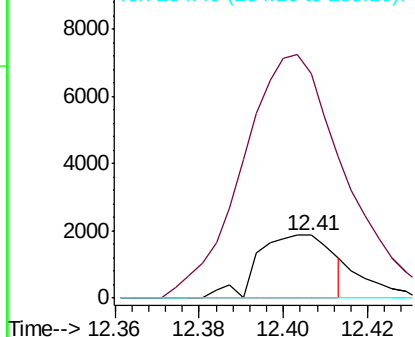


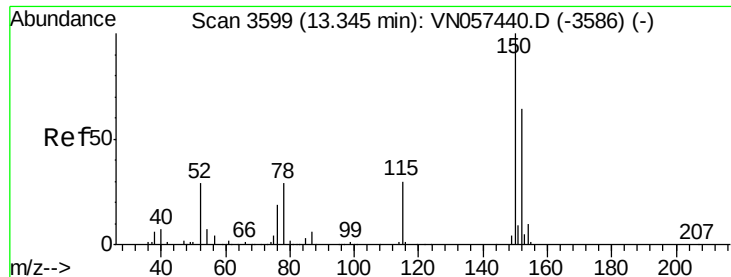
#71
Bromoform
Concen: 0.769 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.28 min
Lab File: VN057534.D
Acq: 27 Aug 2019 1:27

Tgt Ion:173 Resp: 2294
Ion Ratio Lower Upper
173 100
175 446.9 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: VN057534.D

Acq: 27 Aug 2019 1:27

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-K3-(1.9)

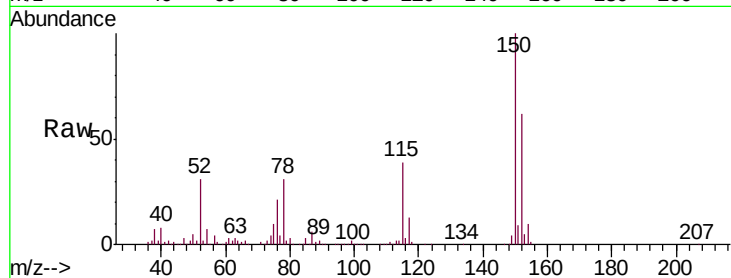
Tgt Ion:152 Resp: 139163

Ion Ratio Lower Upper

152 100

115 64.3 32.0 96.0

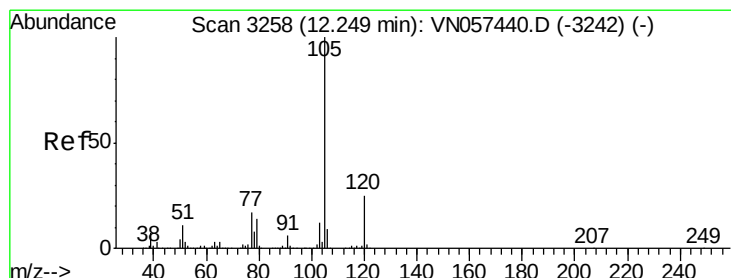
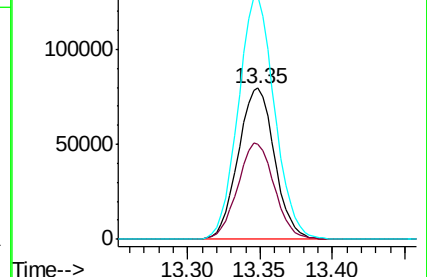
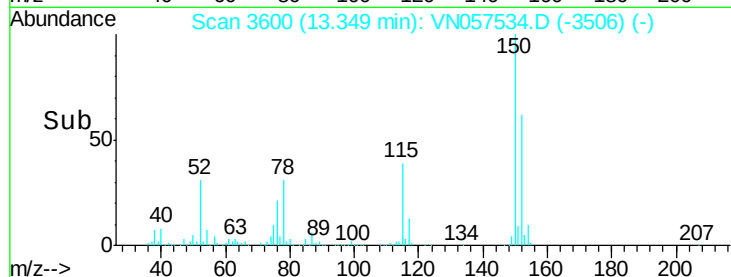
150 160.2 0.0 346.6



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: 12.24 min Scan# 3256

Delta R.T. -0.01 min

Lab File: VN057534.D

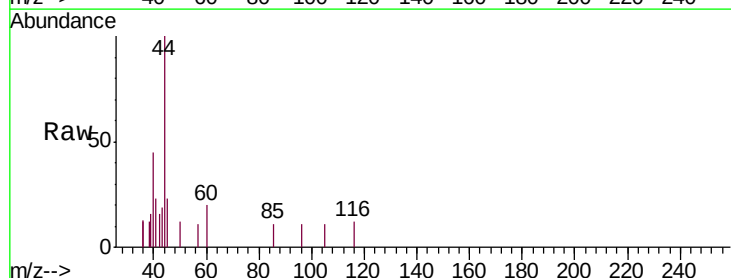
Acq: 27 Aug 2019 1:27

Tgt Ion:105 Resp: 63

Ion Ratio Lower Upper

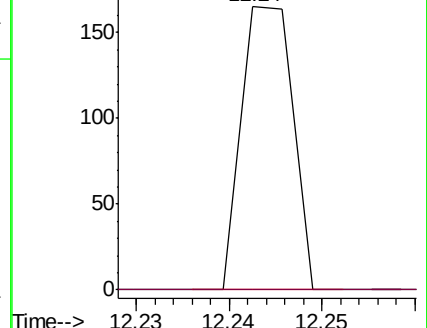
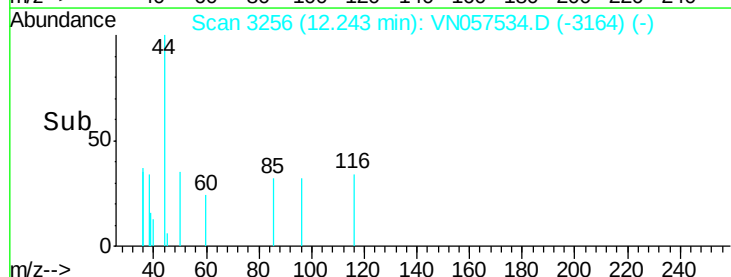
105 100

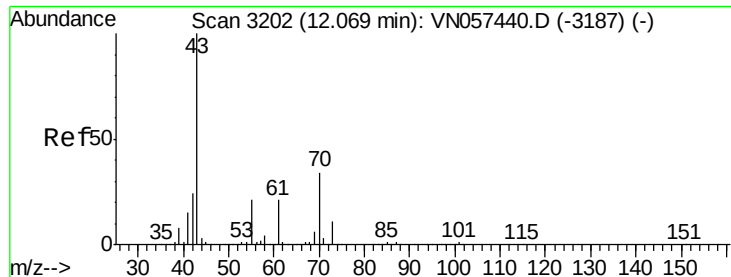
120 0.0 12.7 38.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: Below Cal

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN057534.D

Acq: 27 Aug 2019 1:27

Instrument :

MSVOA_N

ClientSampled :

T9-12-13-K3-(1.9)

Tgt Ion: 43 Resp: 106

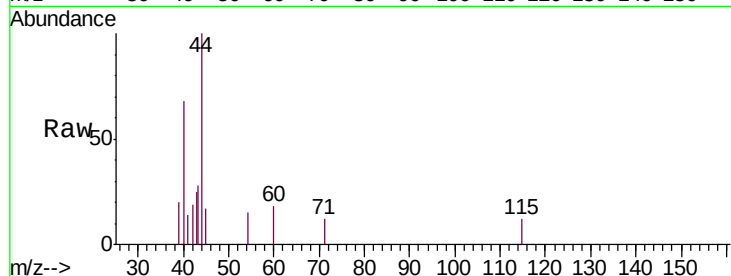
Ion Ratio Lower Upper

43 100

70 61.3 27.8 41.6#

55 166.0 17.0 25.4#

61 0.0 17.0 25.6#

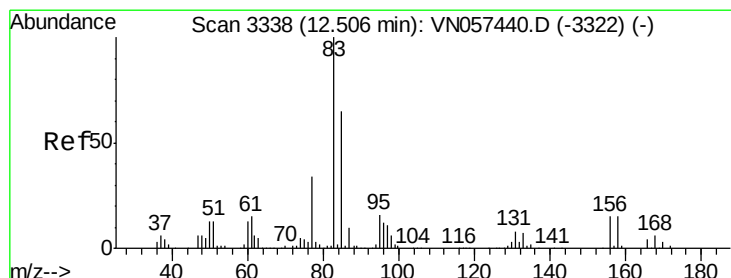
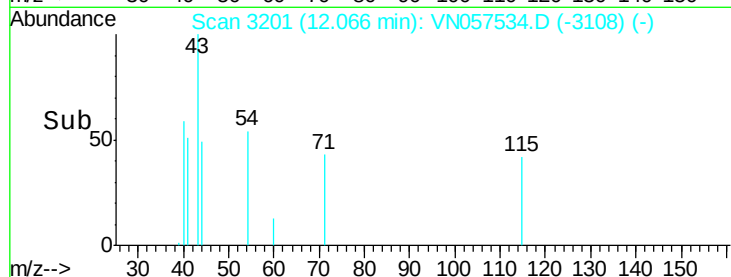
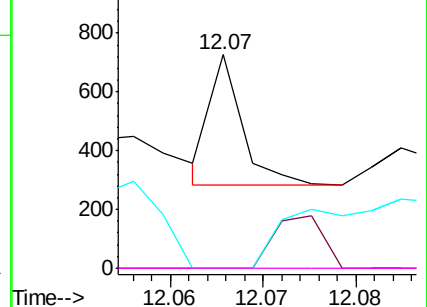


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.39 min Scan# 3303

Delta R.T. -0.11 min

Lab File: VN057534.D

Acq: 27 Aug 2019 1:27

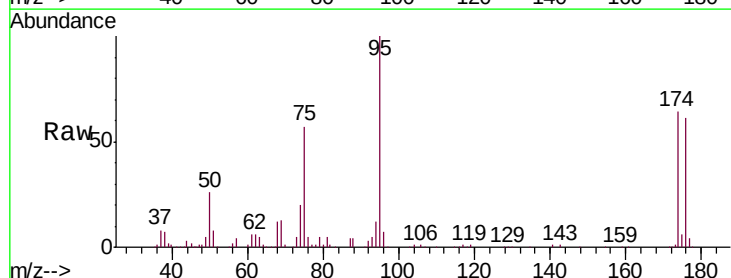
Tgt Ion: 83 Resp: 274

Ion Ratio Lower Upper

83 100

131 38.7 4.3 13.1#

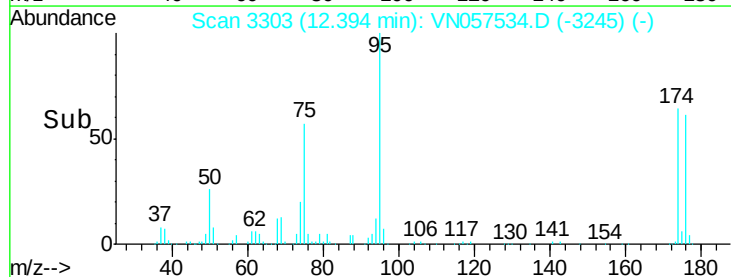
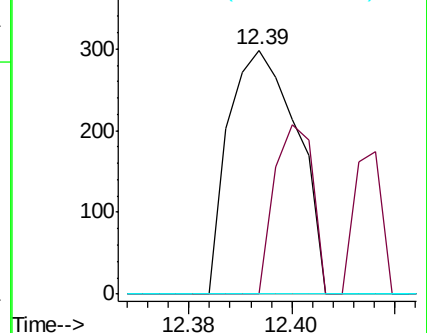
85 0.0 32.3 96.8#

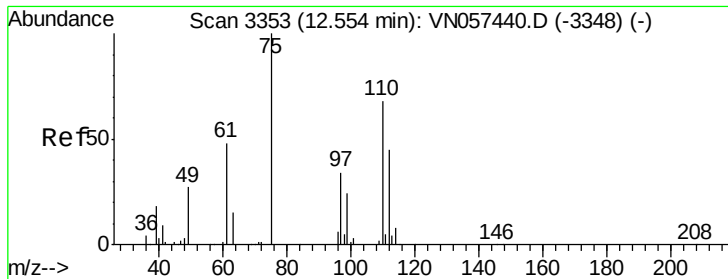


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0

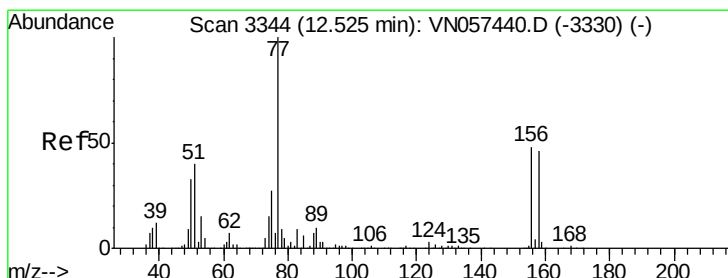
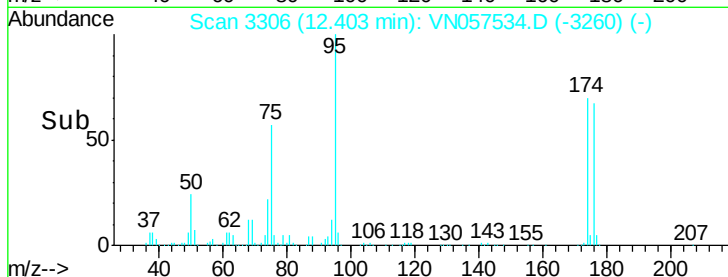
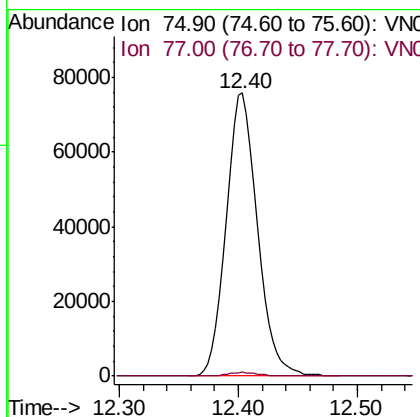
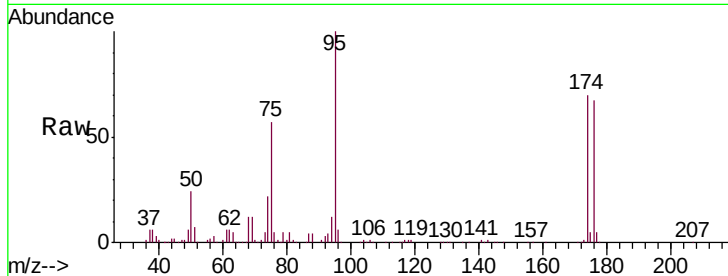




#76
 1,2,3-Trichloropropane
 Concen: 44.427 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. -0.15 min
 Lab File: VN057534.D
 Acq: 27 Aug 2019 1:27

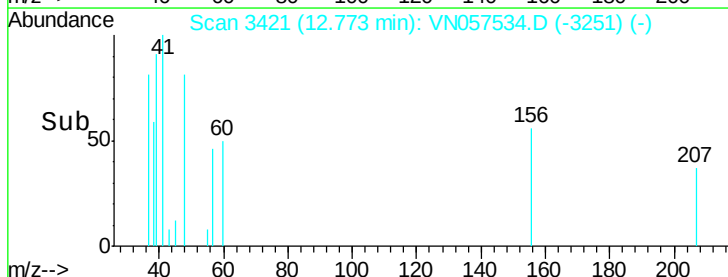
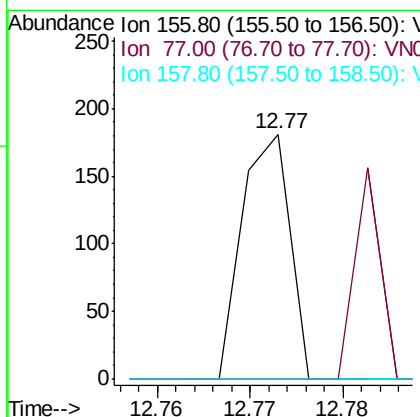
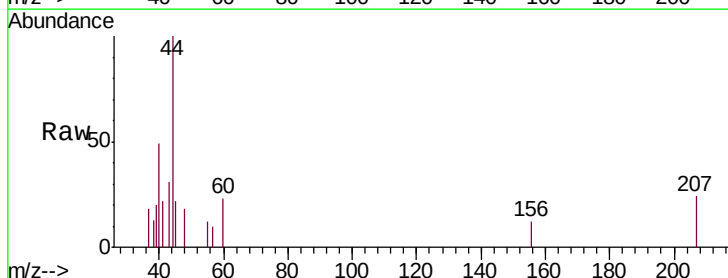
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-K3-(1.9)

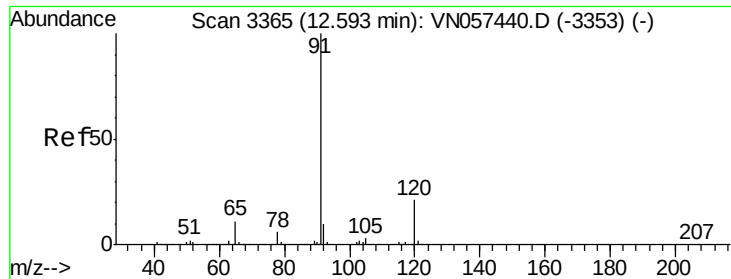
Tgt Ion: 75 Resp: 138130
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#77
 Bromobenzene
 Concen: Below Cal
 RT: 12.77 min Scan# 3421
 Delta R.T. 0.25 min
 Lab File: VN057534.D
 Acq: 27 Aug 2019 1:27

Tgt Ion: 156 Resp: 65
 Ion Ratio Lower Upper
 156 100
 77 0.0 124.4 373.3#
 158 0.0 48.3 144.8#





#78

n-propylbenzene

Concen: Below Cal

RT: 12.60 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN057534.D

Acq: 27 Aug 2019 1:27

Instrument :

MSVOA_N

ClientSampleId :

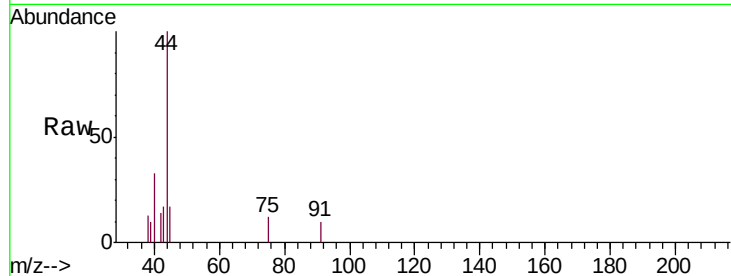
T9-12-13-K3-(1.9)

Tgt Ion: 91 Resp: 31

Ion Ratio Lower Upper

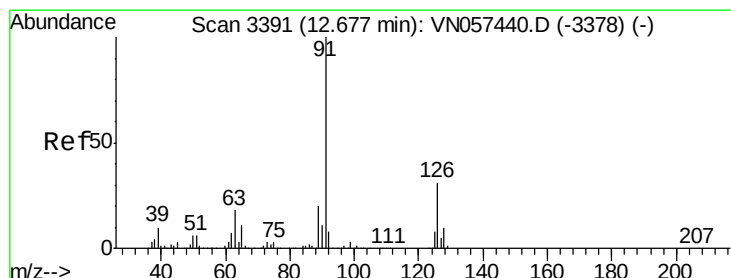
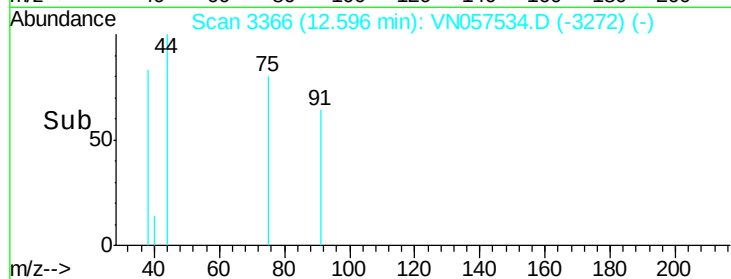
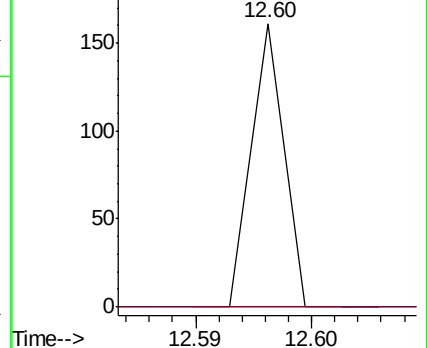
91 100

120 0.0 10.7 32.1#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.68 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN057534.D

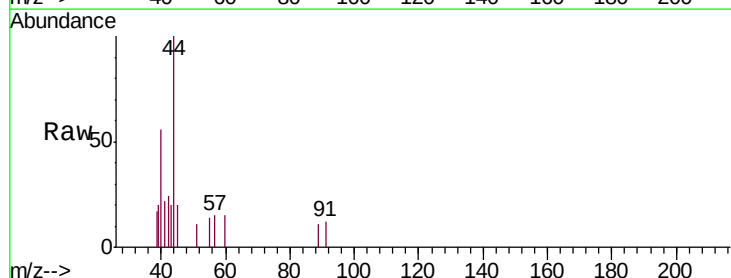
Acq: 27 Aug 2019 1:27

Tgt Ion: 91 Resp: 92

Ion Ratio Lower Upper

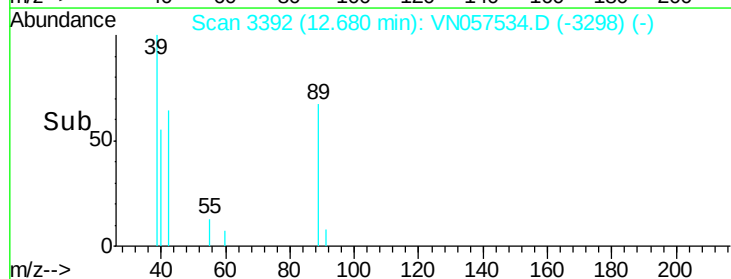
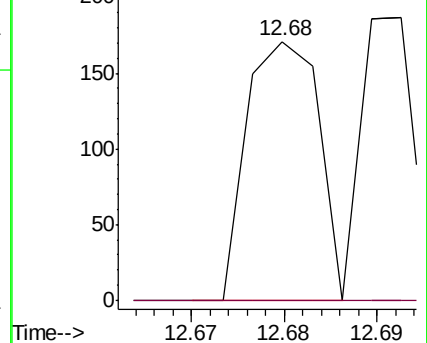
91 100

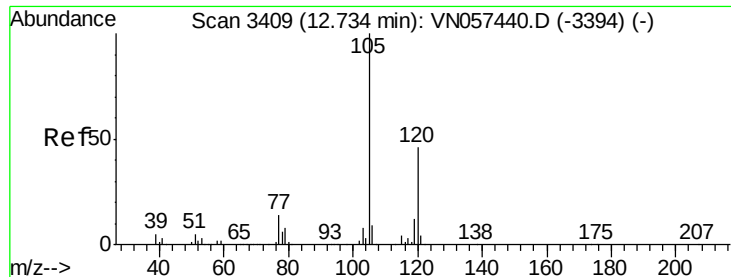
126 0.0 15.3 45.8#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

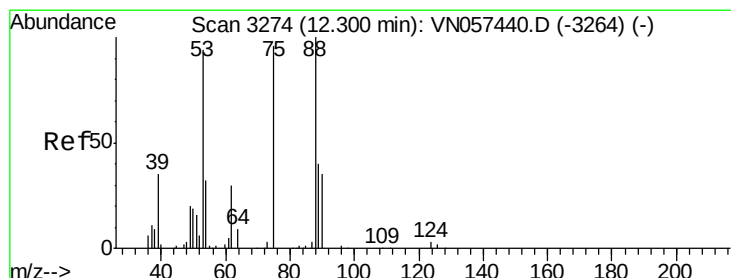
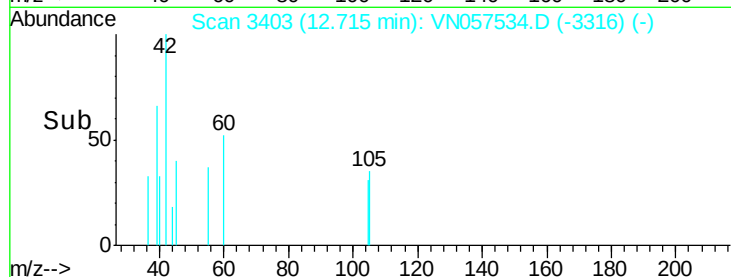
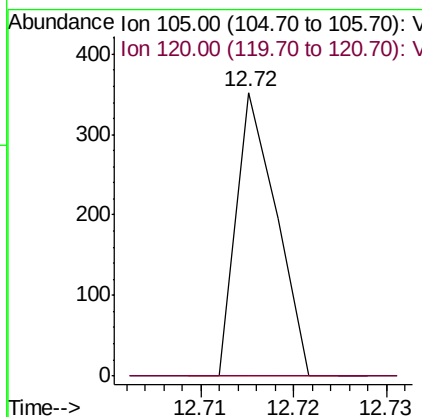
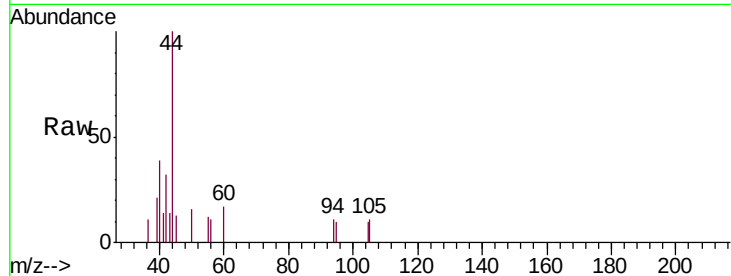




#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.72 min Scan# 3403
 Delta R.T. -0.02 min
 Lab File: VN057534.D
 Acq: 27 Aug 2019 1:27

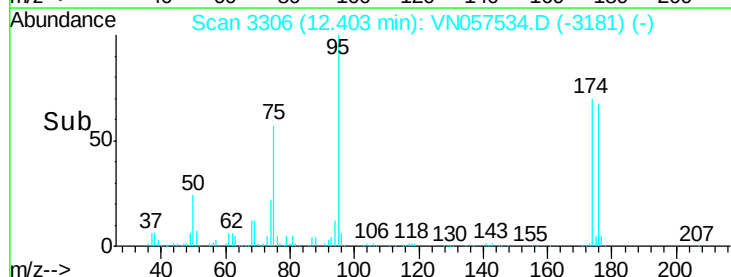
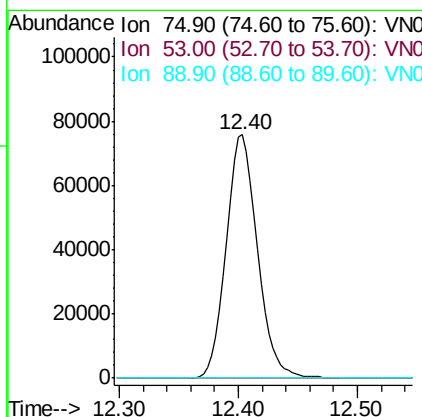
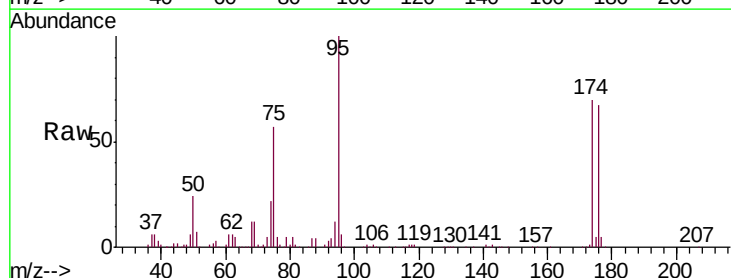
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-K3-(1.9)

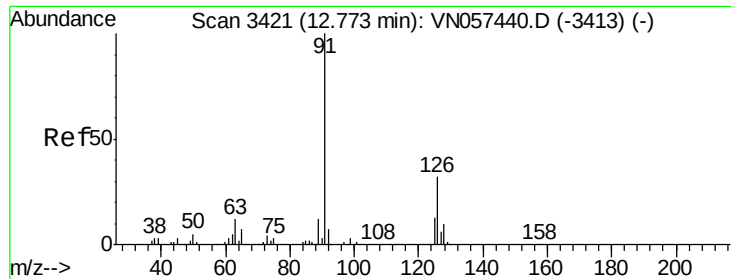
Tgt Ion	Ratio	Lower	Upper
105	100		
120	0.0	23.3	69.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 113.964 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN057534.D
 Acq: 27 Aug 2019 1:27

Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	82.7	124.1#
89	0.0	35.8	53.8#





#82

4-Chlorotoluene

Concen: Below Cal

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN057534.D

Acq: 27 Aug 2019 1:27

Instrument :

MSVOA_N

ClientSampleId :

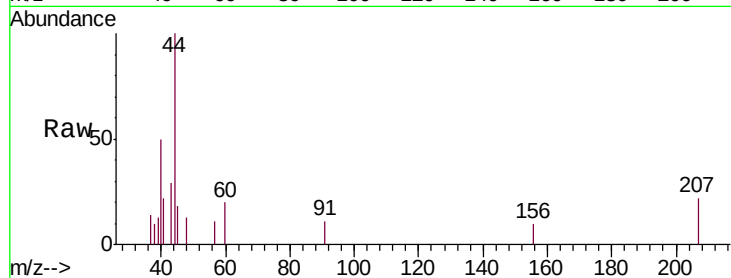
T9-12-13-K3-(1.9)

Tgt Ion: 91 Resp: 63

Ion Ratio Lower Upper

91 100

126 0.0 15.0 45.0#



Abundance Ion 91.00 (90.70 to 91.70): VN057534.D (-3328) (-)

Ion 125.90 (125.60 to 126.60): VN057534.D (-3328) (-)

12.77

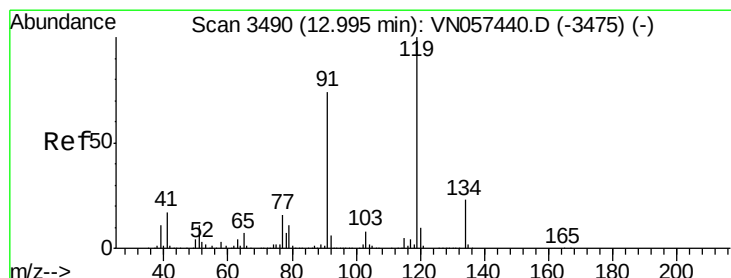
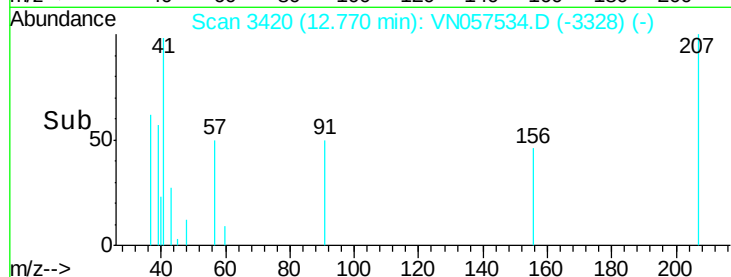
150

100

50

0

Time-->



#83

tert-Butylbenzene

Concen: Below Cal

RT: 13.16 min Scan# 3540

Delta R.T. 0.16 min

Lab File: VN057534.D

Acq: 27 Aug 2019 1:27

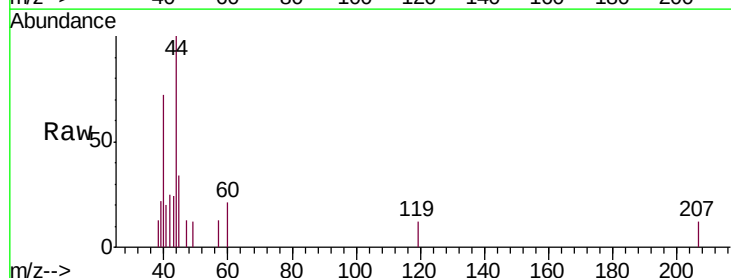
Tgt Ion: 119 Resp: 29

Ion Ratio Lower Upper

119 100

91 0.0 37.0 111.0#

134 0.0 12.2 36.6#



Abundance Ion 119.00 (118.70 to 119.70): VN057534.D (-3396) (-)

Ion 91.00 (90.70 to 91.70): VN057534.D (-3396) (-)

Ion 134.00 (133.70 to 134.70): VN057534.D (-3396) (-)

13.16

200

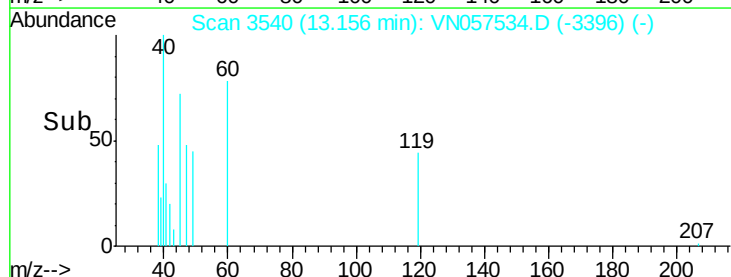
150

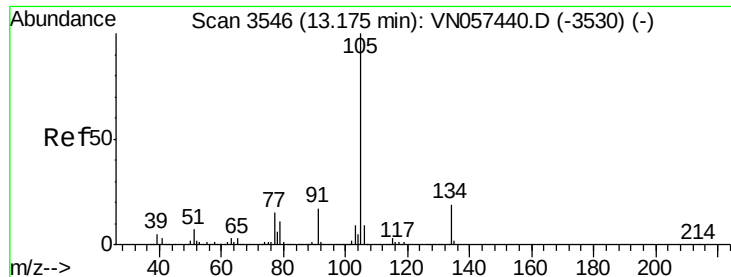
100

50

0

Time-->





#85

sec-Butylbenzene

Concen: Below Cal

RT: 13.34 min Scan# 3598

Delta R.T. 0.17 min

Lab File: VN057534.D

Acq: 27 Aug 2019 1:27

Instrument :

MSVOA_N

ClientSampleId :

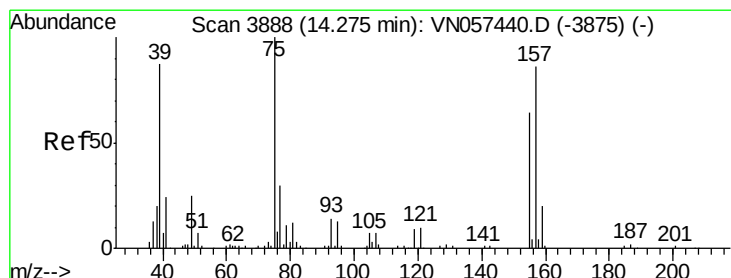
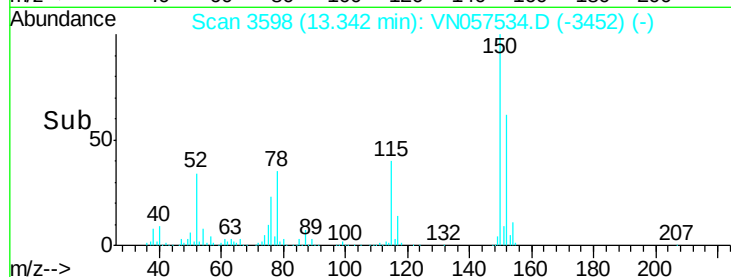
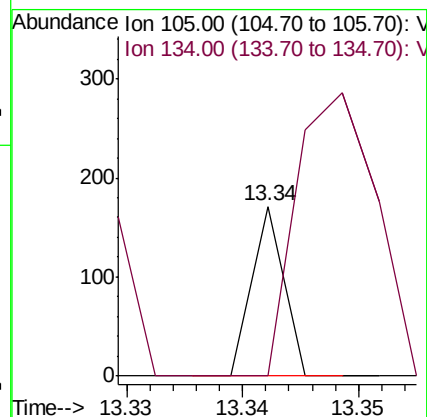
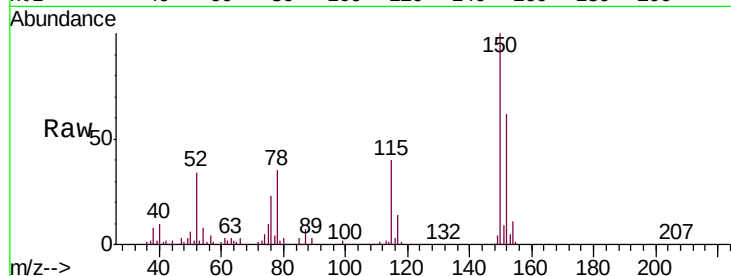
T9-12-13-K3-(1.9)

Tgt Ion:105 Resp: 33

Ion Ratio Lower Upper

105 100

134 415.2 9.3 27.9#



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.32 min Scan# 3903

Delta R.T. 0.05 min

Lab File: VN057534.D

Acq: 27 Aug 2019 1:27

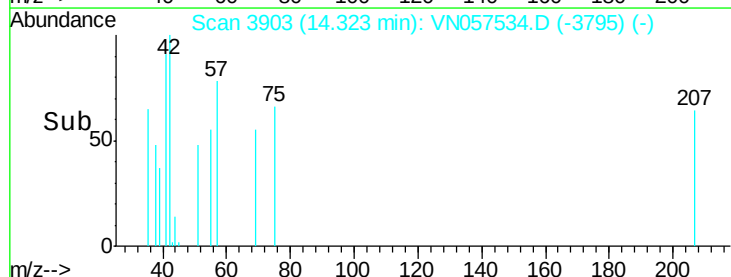
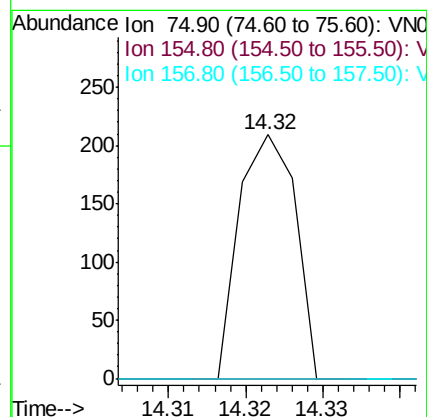
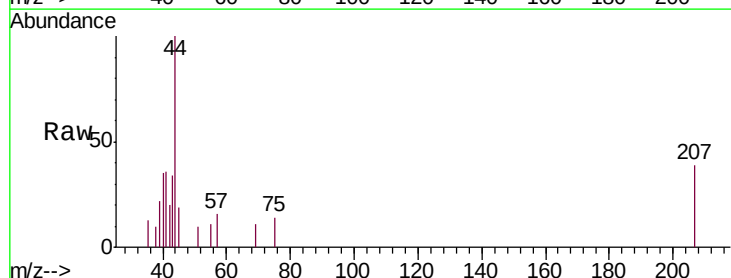
Tgt Ion: 75 Resp: 106

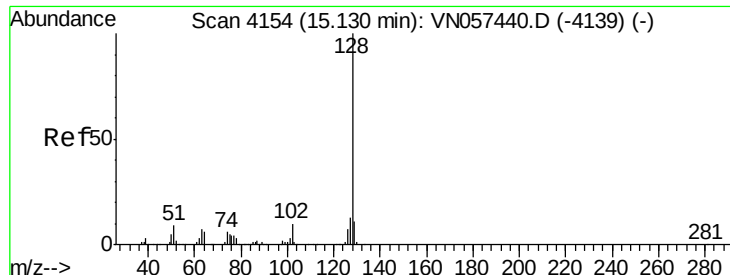
Ion Ratio Lower Upper

75 100

155 0.0 31.6 94.7#

157 0.0 43.3 129.8#





#95

Naphthalene

Concen: 4.392 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. -0.00 min

Lab File: VN057534.D

Acq: 27 Aug 2019 1:27

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-K3-(1.9)

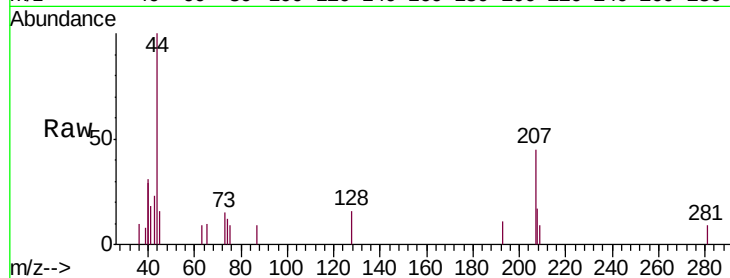
Tgt Ion:128 Resp: 318

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

