

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082619\
 Data File : VN057537.D
 Acq On : 27 Aug 2019 2:43
 Operator : JC/SP
 Sample : K4493-42
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-G2-(1.9)

Quant Time: Aug 27 07:22:31 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	389190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	680741	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	563715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	141081	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	330196	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
35) Dibromofluoromethane	7.58	113	219932	47.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.66%	
50) Toluene-d8	10.08	98	858830	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
62) 4-Bromofluorobenzene	12.40	95	233924	39.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.40%	
Target Compounds						
8) Diethyl Ether	3.39	74	1801	Below Cal	Qvalue	65
9) 1,1,2-Trichlorotrifluoroet	3.73	101	33	Below Cal	#	1
13) Acrolein	3.58	56	361	0.483	ug/l #	1
16) Acetone	3.79	43	16951	5.391	ug/l	92
18) Methyl Acetate	4.31	43	18810	1.854	ug/l #	73
20) Methylene Chloride	4.52	84	9634	1.995	ug/l	94
31) Cyclohexane	7.64	56	12893	1.341	ug/l #	32
36) 1,1-Dichloropropene	7.65	75	38856	5.586	ug/l #	52
38) Carbon Tetrachloride	7.65	117	43593	6.308	ug/l #	15
43) Isopropyl Acetate	8.16	43	62279	4.942	ug/l	98
46) Dibromomethane	9.32	93	31	Below Cal	#	10
48) Methyl methacrylate	9.18	41	4953	0.826	ug/l #	17
49) 1,4-Dioxane	9.13	88	31	0.400	ug/l #	18
51) 4-Methyl-2-Pentanone	9.98	43	5573	0.793	ug/l	92
52) Toluene	10.15	92	2800	0.233	ug/l	99
54) cis-1,3-Dichloropropene	9.90	75	31219	3.451	ug/l #	62
57) 1,3-Dichloropropane	10.77	76	3081	0.364	ug/l #	47
58) 2-Chloroethyl Vinyl ether	9.82	63	31	17.078	ug/l #	52
59) 2-Hexanone	10.76	43	49888	10.355	ug/l #	55
73) Isopropylbenzene	12.38	105	57	Below Cal	#	1
74) N-amyl acetate	12.03	43	1067	Below Cal	#	54
75) 1,1,2,2-Tetrachloroethane	12.40	83	78	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	135623	42.900	ug/l #	100
78) n-propylbenzene	12.58	91	278	Below Cal	#	55
79) 2-Chlorotoluene	12.68	91	122	Below Cal	#	44
80) 1,3,5-Trimethylbenzene	12.74	105	785	Below Cal		76
81) trans-1,4-Dichloro-2-buten	12.40	75	135623	110.273	ug/l #	8
82) 4-Chlorotoluene	12.77	91	31	Below Cal	#	45
83) tert-Butylbenzene	13.07	119	66	Below Cal	#	62
85) sec-Butylbenzene	13.36	105	124	Below Cal		84
92) 1,2-Dibromo-3-Chloropropan	14.23	75	31	Below Cal	#	11
95) Naphthalene	15.13	128	333	4.394	ug/l #	69

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

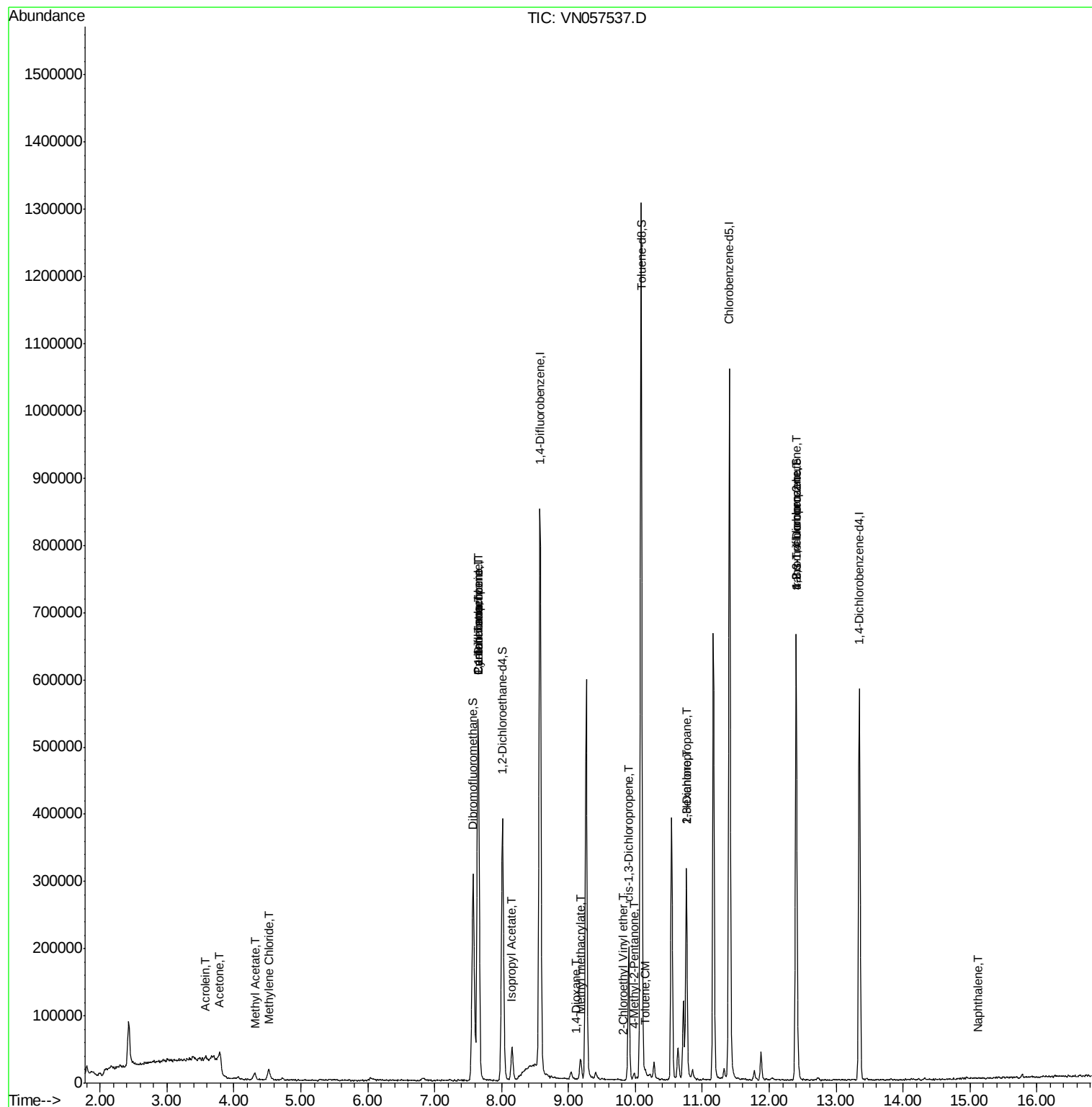
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

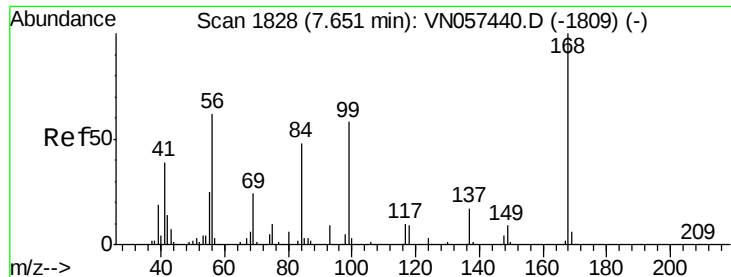
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN082619\
Data File : VN057537.D
Acq On : 27 Aug 2019 2:43
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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Aug 27 07:02:20 2019
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: VN057537.D

Acq: 27 Aug 2019 2:43

Instrument :

MSVOA_N

ClientSampleId :

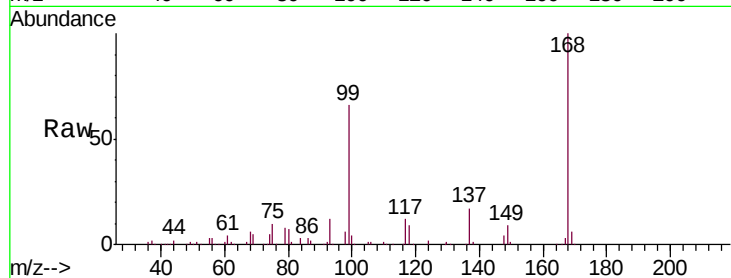
T9-12-13-G2-(1.9)

Tgt Ion:168 Resp: 389190

Ion Ratio Lower Upper

168 100

99 66.3 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): VN057440.D (-1809) (-)

Ion 98.90 (98.60 to 99.60): VN057440.D (-1809) (-)

7.65

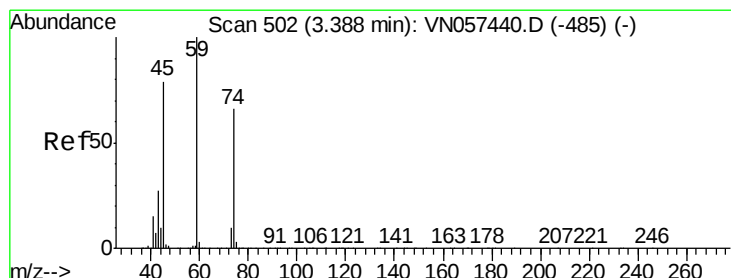
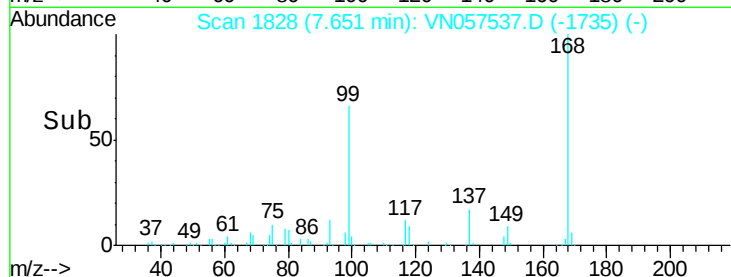
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#8

Diethyl Ether

Concen: Below Cal

RT: 3.39 min Scan# 504

Delta R.T. 0.01 min

Lab File: VN057537.D

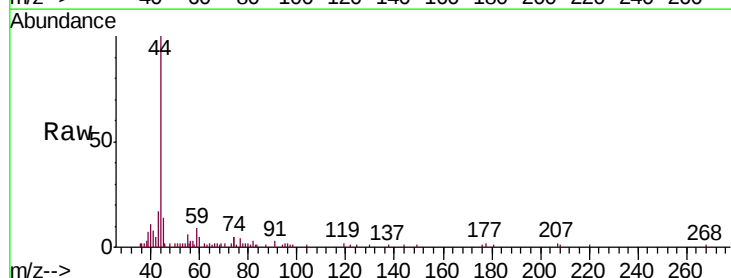
Acq: 27 Aug 2019 2:43

Tgt Ion: 74 Resp: 1801

Ion Ratio Lower Upper

74 100

45 77.6 57.9 173.6



Abundance Ion 74.00 (73.70 to 74.70): VN057440.D (-485) (-)

Ion 45.00 (44.70 to 45.70): VN057440.D (-485) (-)

3.39

2500

2000

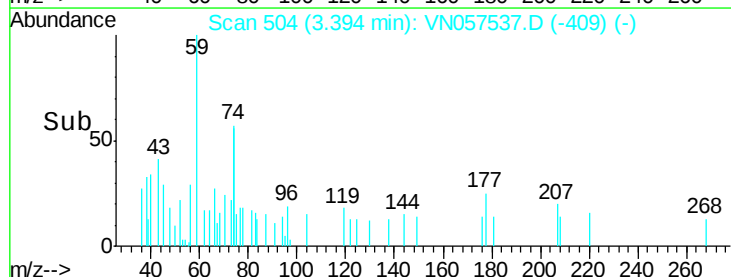
1500

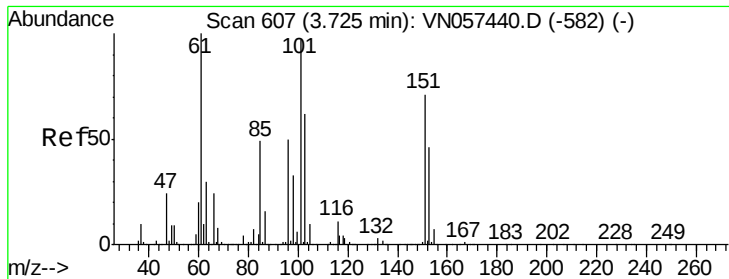
1000

500

0

Time--> 3.35 3.40





#9

1,1,2-Trichlorotrifluoroethane

Concen: Below Cal

RT: 3.73 min Scan# 609

Delta R.T. 0.01 min

Lab File: VN057537.D

Acq: 27 Aug 2019 2:43

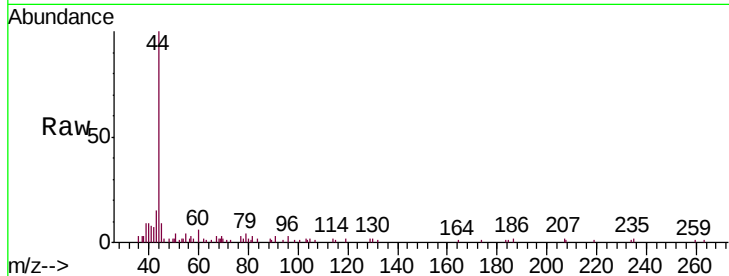
Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-G2-(1.9)

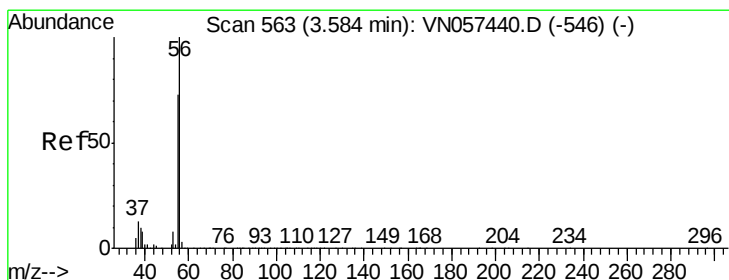
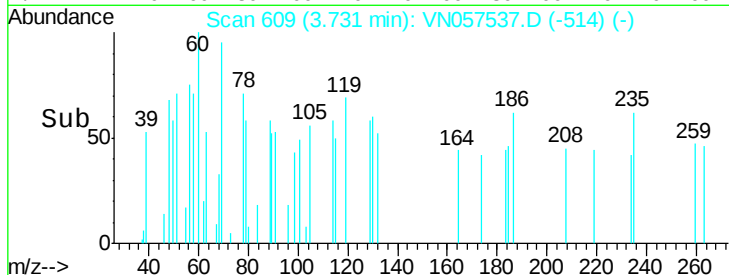
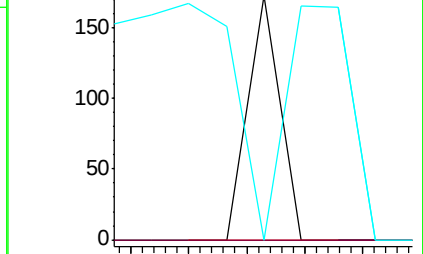
Tgt Ion:	101	Resp:	33
Ion	Ratio	Lower	Upper
101	100		
85	0.0	40.0	60.0#
151	193.9	57.0	85.6#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VNO

Ion 150.80 (150.50 to 151.50): V



#13

Acrolein

Concen: 0.483 ug/l

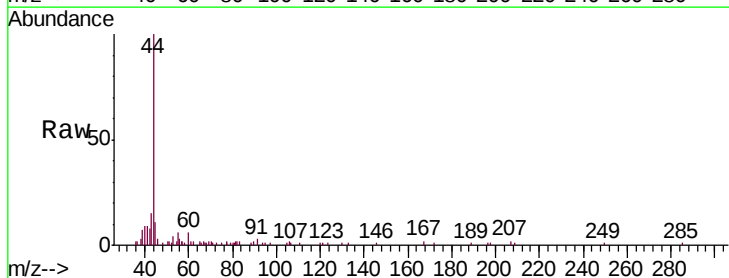
RT: 3.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VN057537.D

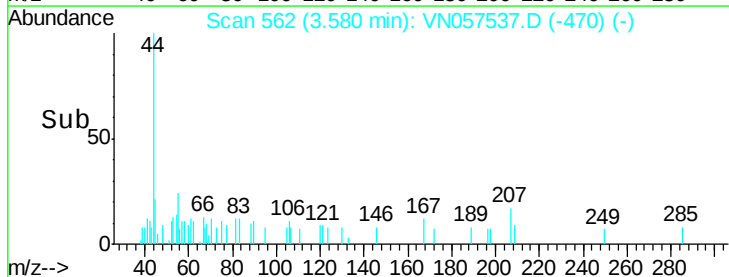
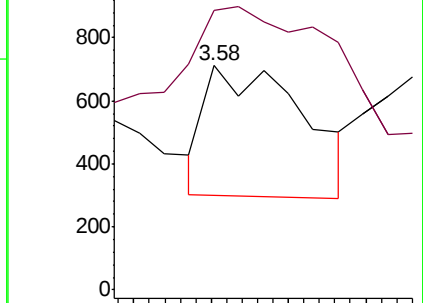
Acq: 27 Aug 2019 2:43

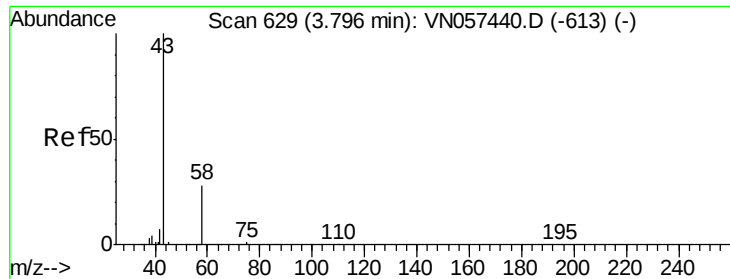
Tgt Ion:	56	Resp:	361
Ion	Ratio	Lower	Upper
56	100		
55	228.5	59.0	88.4#



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO





#16

Acetone

Concen: 5.391 ug/l

RT: 3.79 min Scan# 628

Delta R.T. -0.00 min

Lab File: VN057537.D

Acq: 27 Aug 2019 2:43

Instrument :

MSVOA_N

ClientSampleId :

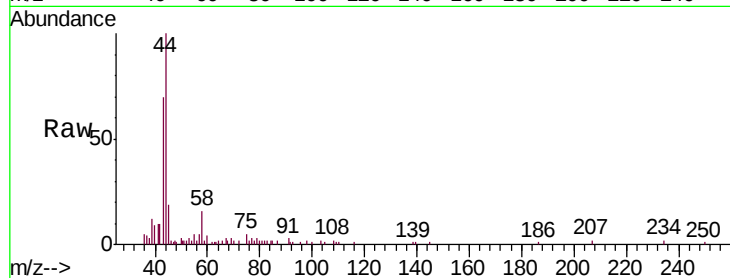
T9-12-13-G2-(1.9)

Tgt Ion: 43 Resp: 16951

Ion Ratio Lower Upper

43 100

58 23.2 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN057440.D (-613) (-)

Ion 58.00 (57.70 to 58.70): VN057440.D (-613) (-)

3.79

8000

6000

4000

2000

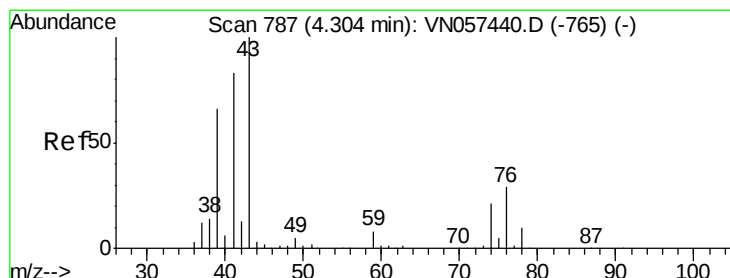
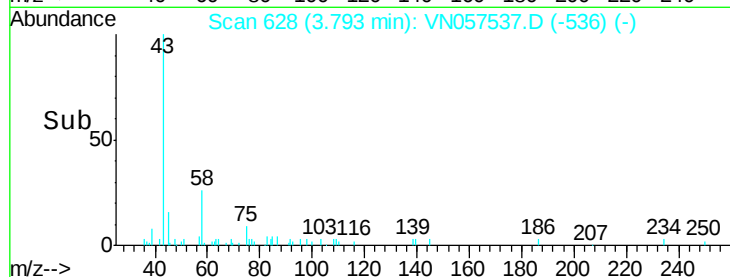
0

Time-->

3.75

3.80

3.85



#18

Methyl Acetate

Concen: 1.854 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.01 min

Lab File: VN057537.D

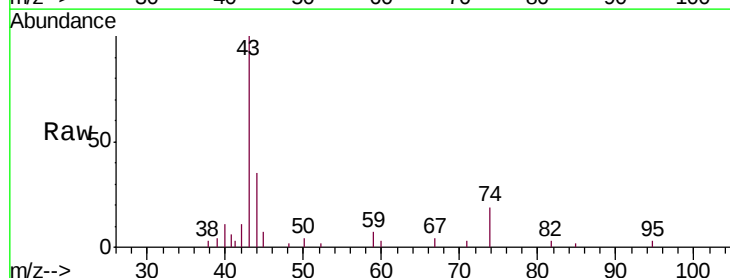
Acq: 27 Aug 2019 2:43

Tgt Ion: 43 Resp: 18810

Ion Ratio Lower Upper

43 100

74 7.4 15.9 23.9#



Abundance Ion 43.00 (42.70 to 43.70): VN057440.D (-765) (-)

Ion 74.00 (73.70 to 74.70): VN057440.D (-765) (-)

4.31

6000

4000

2000

0

Time-->

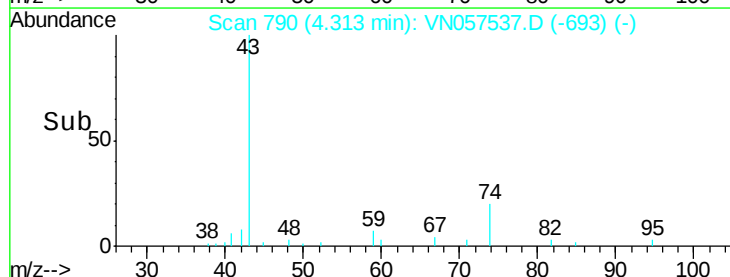
4.20

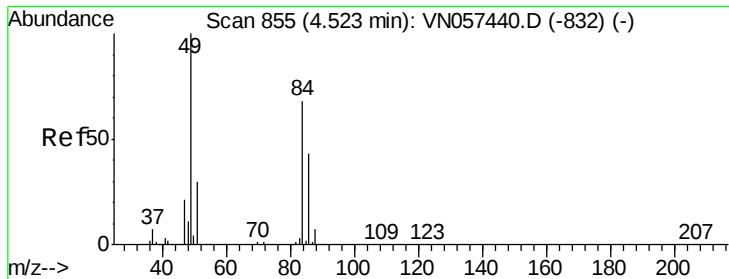
4.25

4.30

4.35

4.40





#20

Methylene Chloride

Concen: 1.995 ug/l

RT: 4.52 min Scan# 853

Delta R.T. -0.01 min

Lab File: VN057537.D

Acq: 27 Aug 2019 2:43

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-G2-(1.9)

Tgt Ion: 84 Resp: 9634

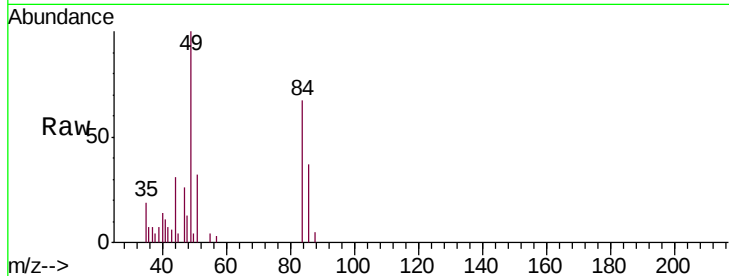
Ion Ratio Lower Upper

84 100

49 137.6 117.0 175.4

51 43.7 35.5 53.3

86 55.6 49.8 74.8

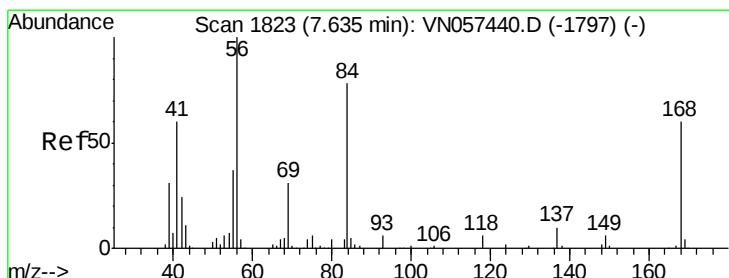
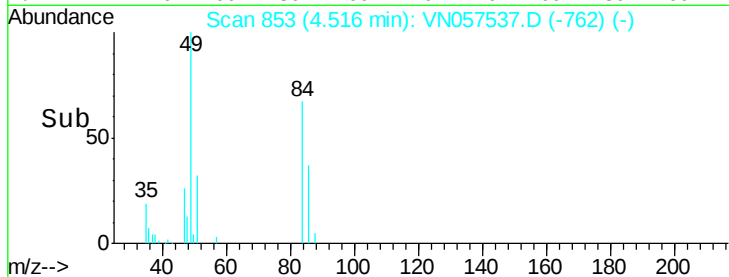
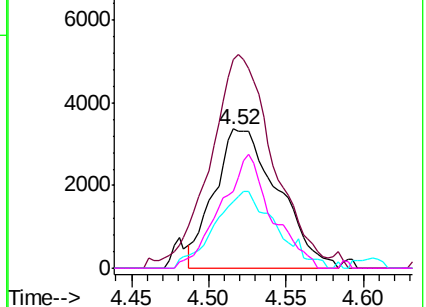


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#31

Cyclohexane

Concen: 1.341 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VN057537.D

Acq: 27 Aug 2019 2:43

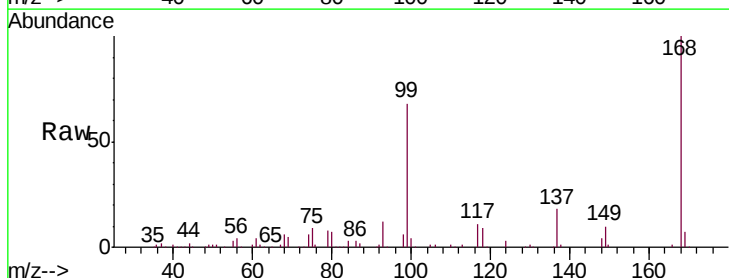
Tgt Ion: 56 Resp: 12893

Ion Ratio Lower Upper

56 100

69 134.3 25.0 37.6#

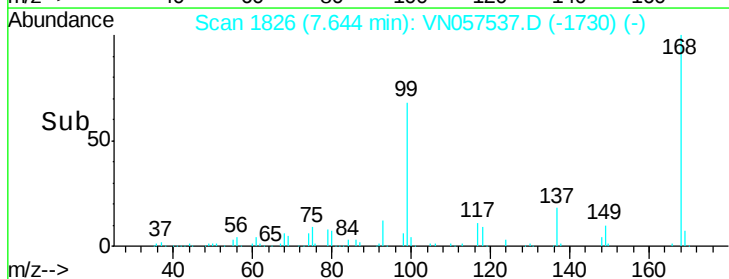
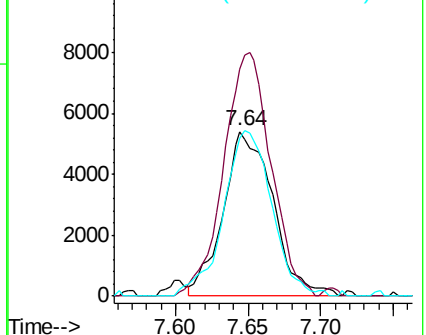
84 96.3 62.5 93.7#

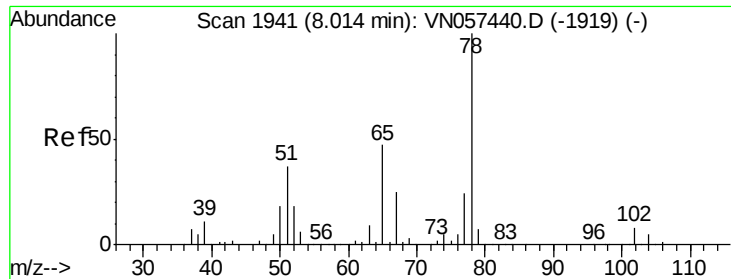


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

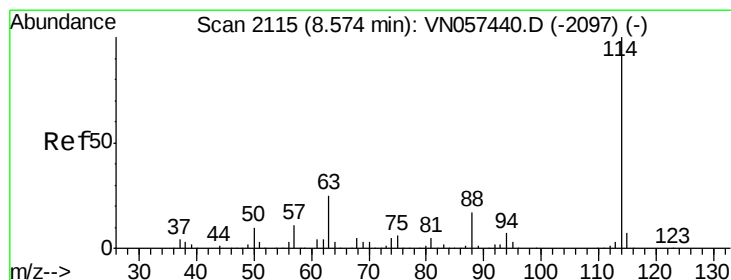
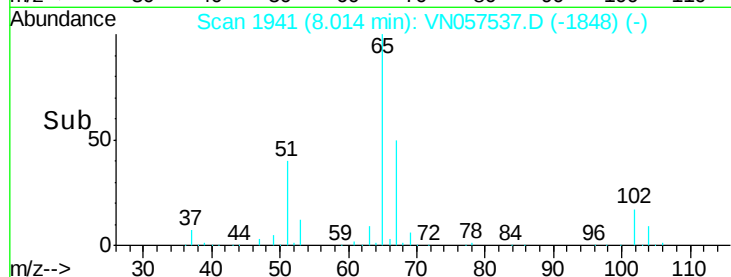
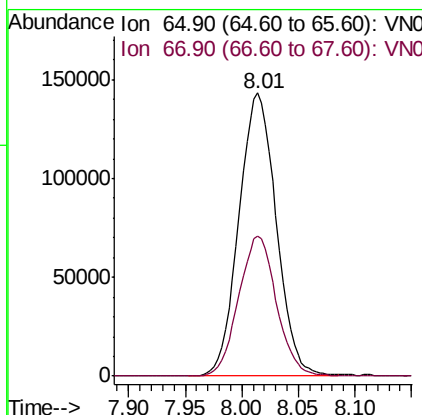
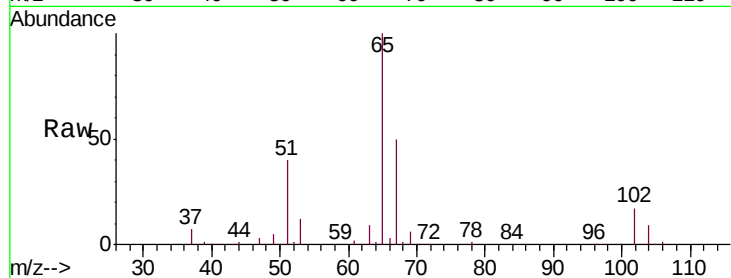




#33
 1,2-Dichloroethane-d4
 Concen: 48.230 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. -0.00 min
 Lab File: VN057537.D
 Acq: 27 Aug 2019 2:43

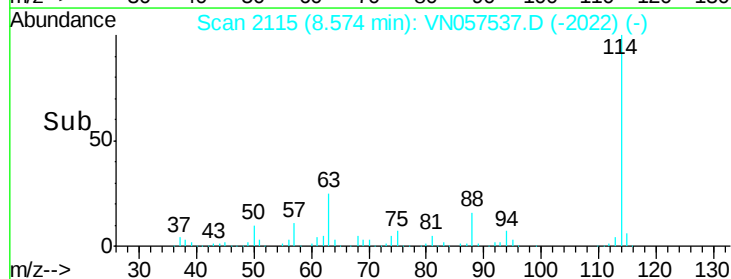
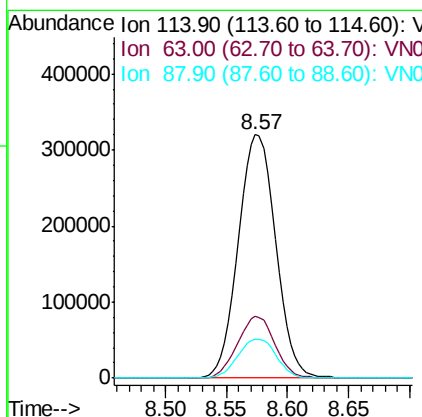
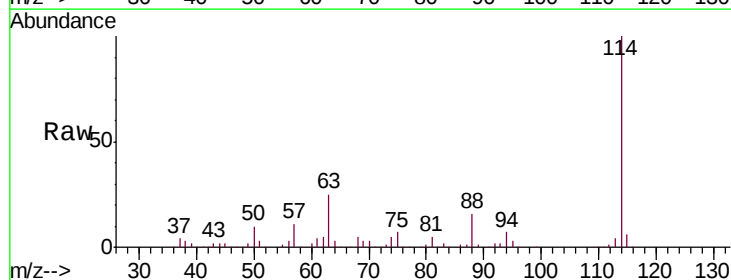
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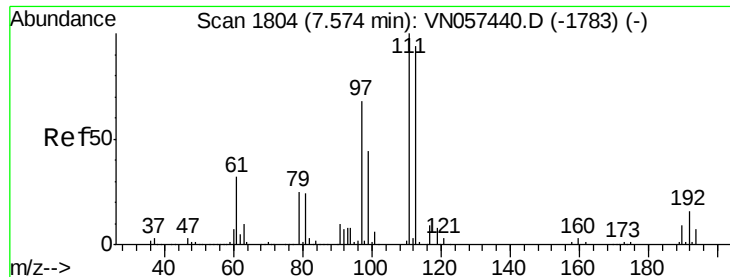
Tgt Ion: 65 Resp: 330196
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN057537.D
 Acq: 27 Aug 2019 2:43

Tgt Ion: 114 Resp: 680741
 Ion Ratio Lower Upper
 114 100
 63 25.2 0.0 50.2
 88 16.2 0.0 34.6





#35

Dibromofluoromethane

Concen: 47.831 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN057537.D

Acq: 27 Aug 2019 2:43

Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-G2-(1.9)

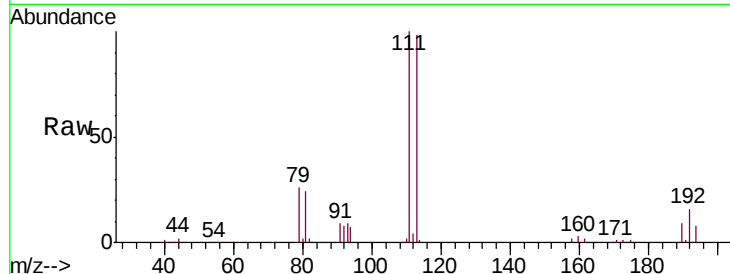
Tgt Ion:113 Resp: 219932

Ion Ratio Lower Upper

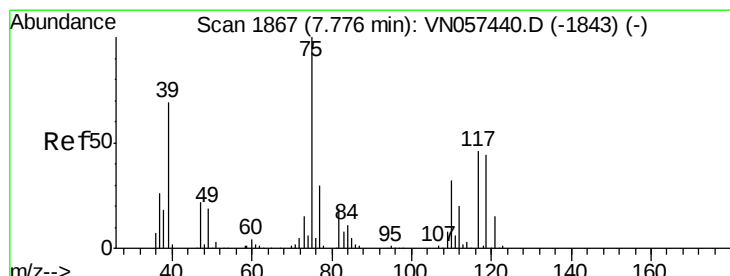
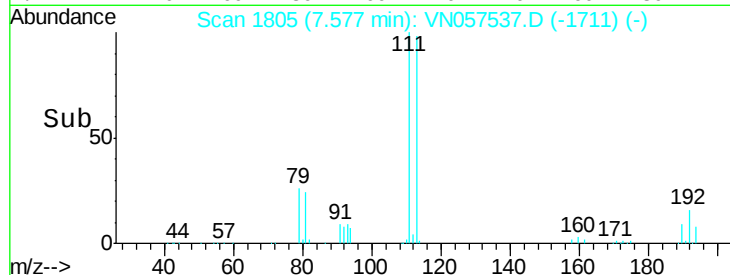
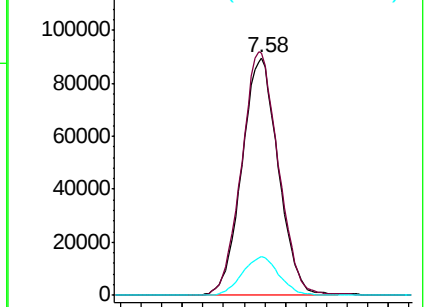
113 100

111 103.1 83.8 125.6

192 16.4 13.5 20.3



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



#36

1,1-Dichloropropene

Concen: 5.586 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.12 min

Lab File: VN057537.D

Acq: 27 Aug 2019 2:43

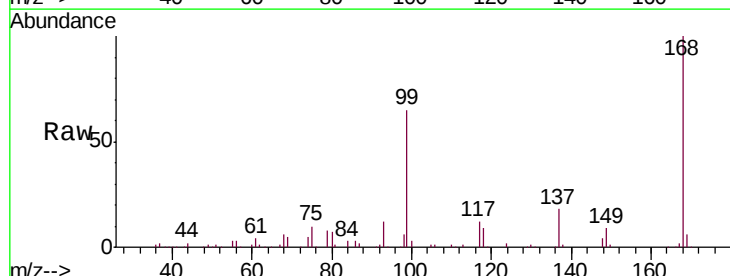
Tgt Ion: 75 Resp: 38856

Ion Ratio Lower Upper

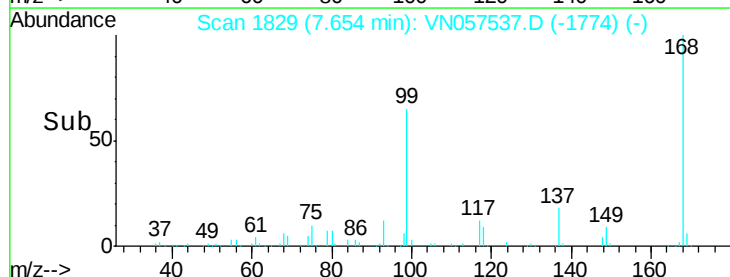
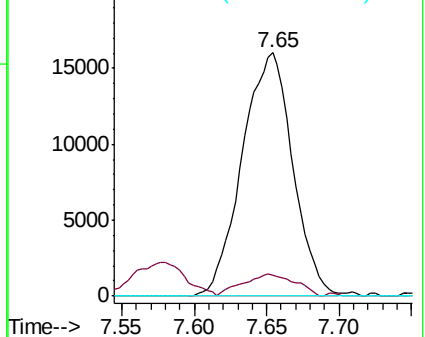
75 100

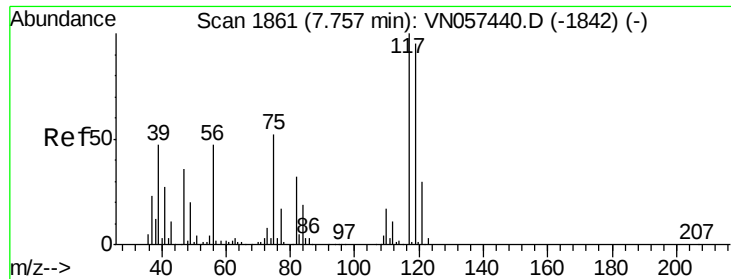
110 9.4 16.1 48.3#

77 0.0 24.8 37.2#



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





#38

Carbon Tetrachloride

Concen: 6.308 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.11 min

Lab File: VN057537.D

Acq: 27 Aug 2019 2:43

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-G2-(1.9)

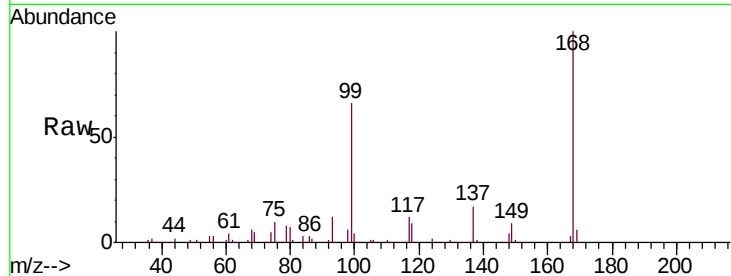
Tgt Ion:117 Resp: 43593

Ion Ratio Lower Upper

117 100

119 4.0 76.2 114.4#

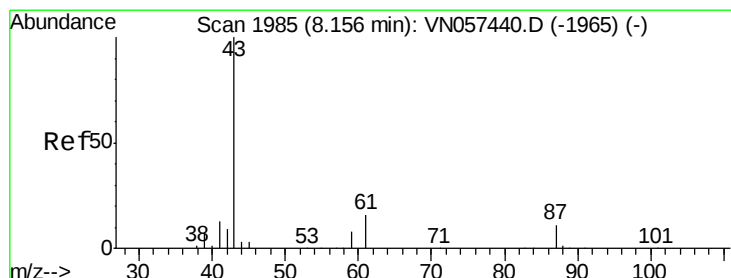
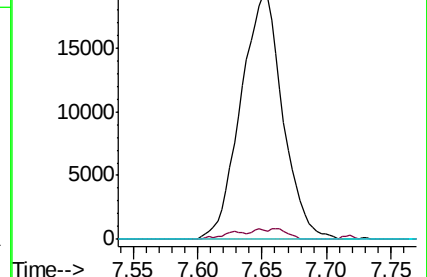
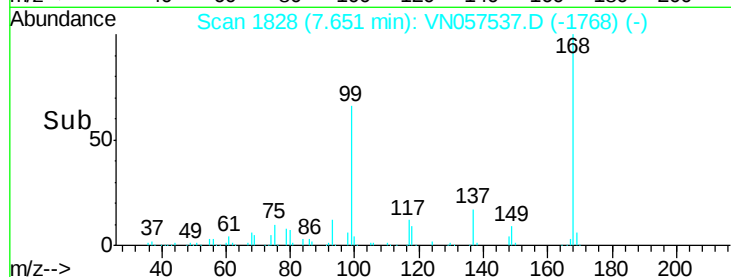
121 0.0 23.8 35.6#



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: 4.942 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN057537.D

Acq: 27 Aug 2019 2:43

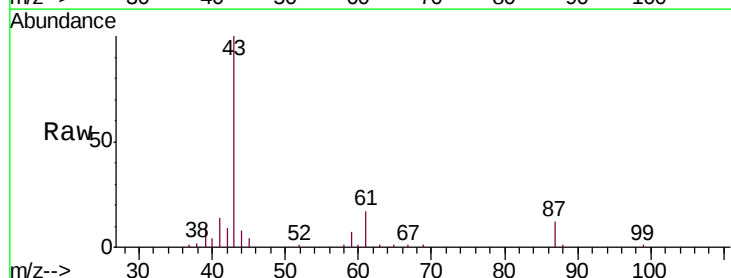
Tgt Ion: 43 Resp: 62279

Ion Ratio Lower Upper

43 100

61 16.5 14.5 21.7

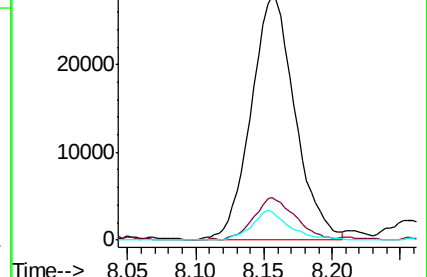
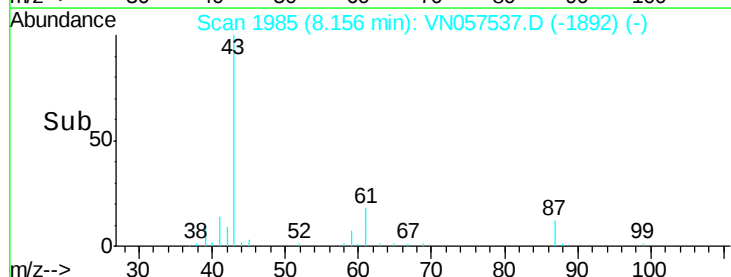
87 10.4 8.6 12.8

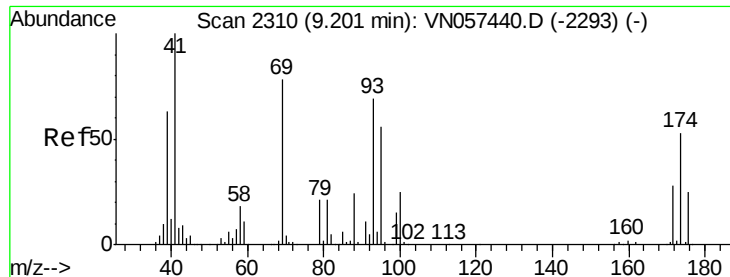


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#46

Dibromomethane

Concen: Below Cal

RT: 9.32 min Scan# 2346

Delta R.T. 0.12 min

Lab File: VN057537.D

Acq: 27 Aug 2019 2:43

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-G2-(1.9)

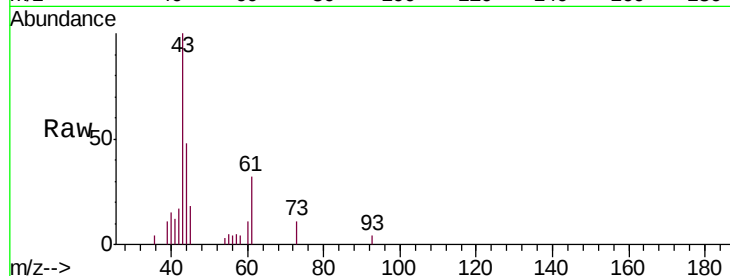
Tgt Ion: 93 Resp: 31

Ion Ratio Lower Upper

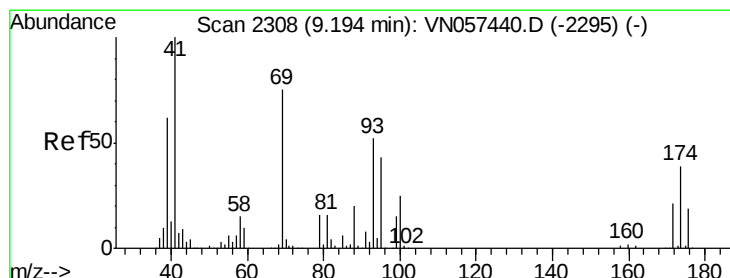
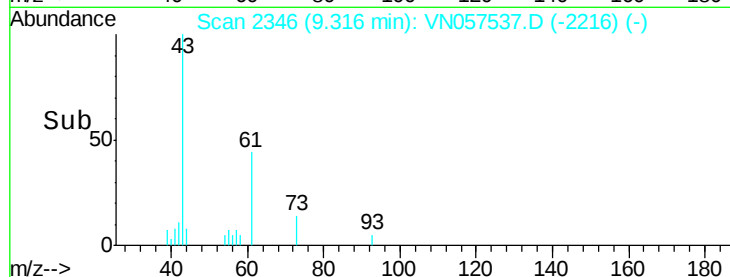
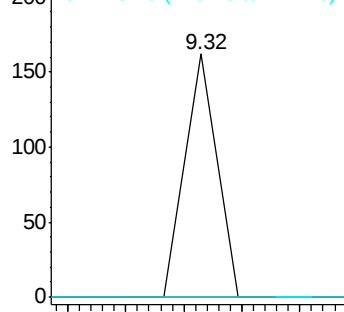
93 100

95 0.0 64.7 97.1#

174 0.0 62.3 93.5#



Abundance Ion 92.80 (92.50 to 93.50): VNO
Ion 94.80 (94.50 to 95.50): VNO
Ion 173.70 (173.40 to 174.40): VNO



#48

Methyl methacrylate

Concen: 0.826 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.02 min

Lab File: VN057537.D

Acq: 27 Aug 2019 2:43

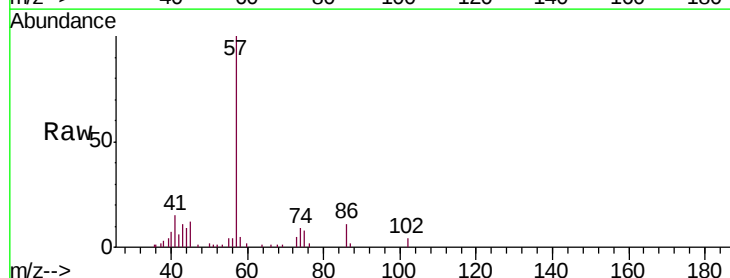
Tgt Ion: 41 Resp: 4953

Ion Ratio Lower Upper

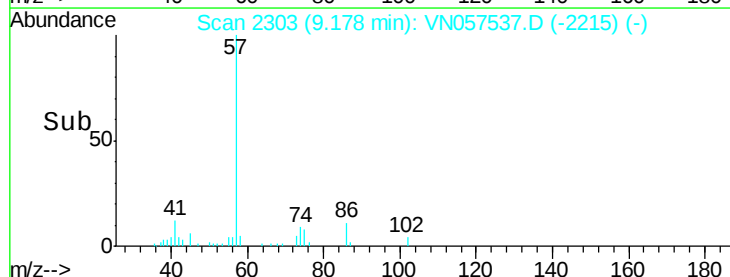
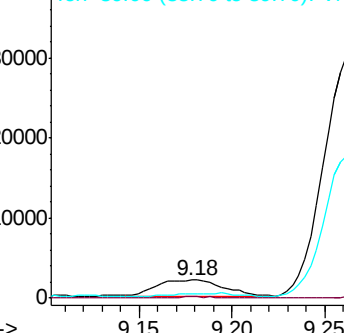
41 100

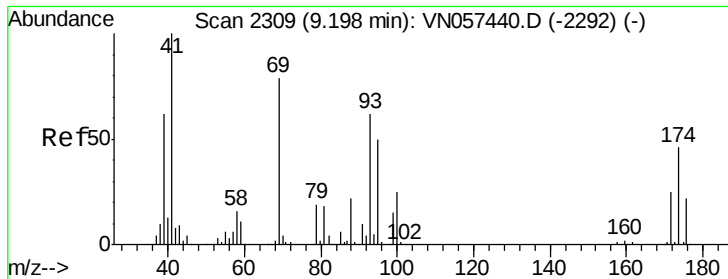
69 2.6 59.3 88.9#

39 0.0 50.6 75.8#



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





#49

1,4-Dioxane

Concen: 0.400 ug/l

RT: 9.13 min Scan# 2288

Delta R.T. -0.07 min

Lab File: VN057537.D

Acq: 27 Aug 2019 2:43

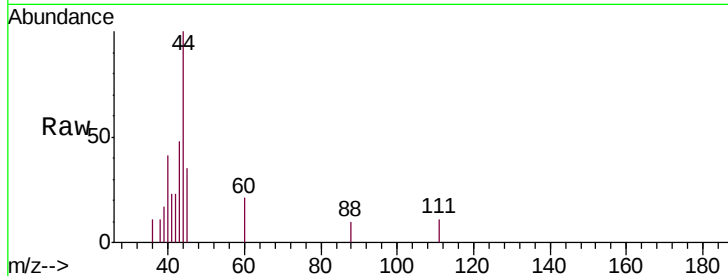
Instrument :

MSVOA_N

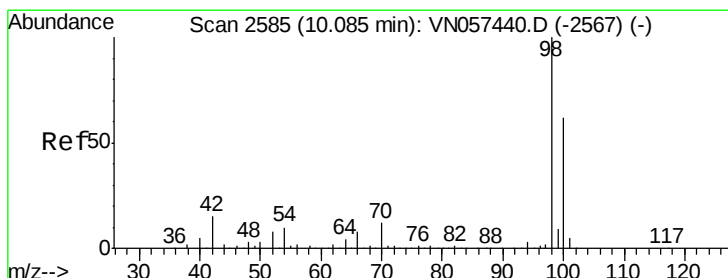
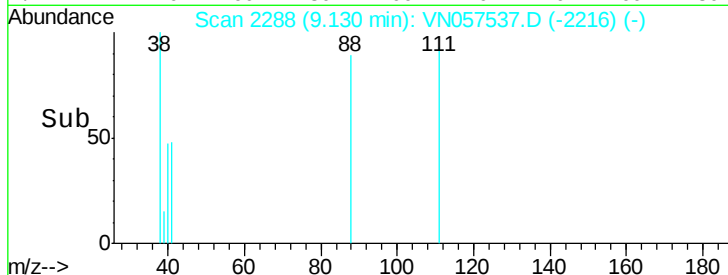
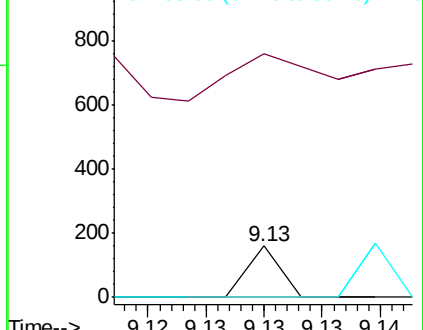
ClientSampleId :

T9-12-13-G2-(1.9)

Tgt Ion:	88	Resp:	31
Ion	Ratio	Lower	Upper
88	100		
43	0.0	31.0	46.6#
58	0.0	64.5	96.7#



Abundance Ion 88.00 (87.70 to 88.70): VN057537.D (-2216) (-)



#50

Toluene-d8

Concen: 49.397 ug/l

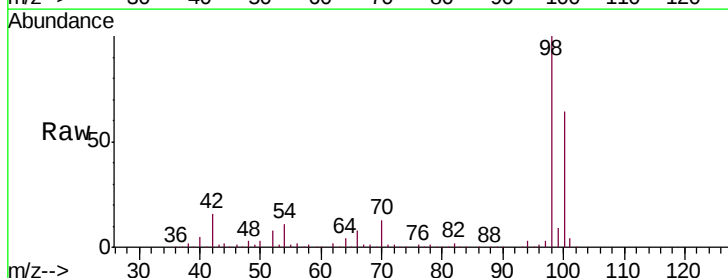
RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

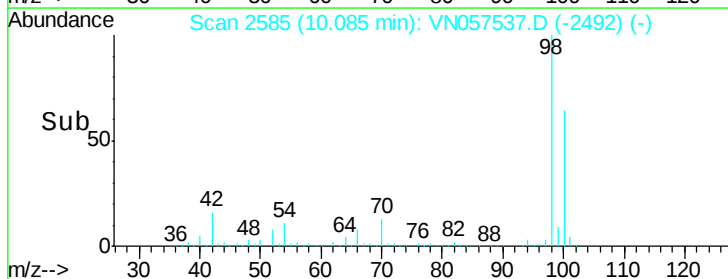
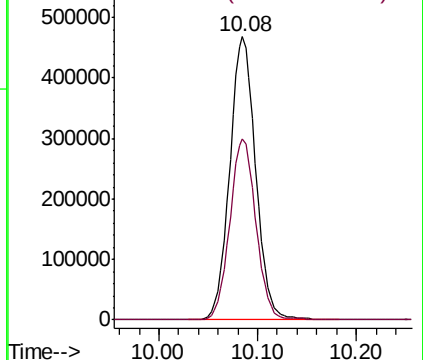
Lab File: VN057537.D

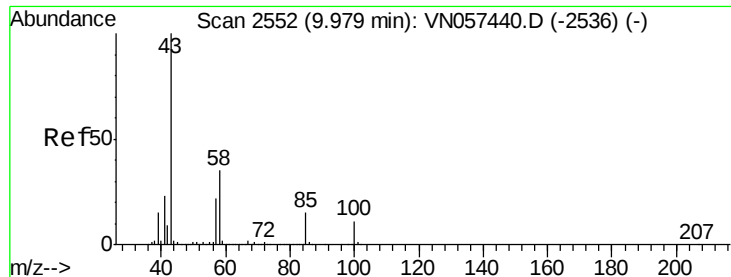
Acq: 27 Aug 2019 2:43

Tgt Ion:	98	Resp:	858830
Ion	Ratio	Lower	Upper
98	100		
100	64.4	50.4	75.6



Abundance Ion 98.00 (97.70 to 98.70): VN057537.D (-2492) (-)

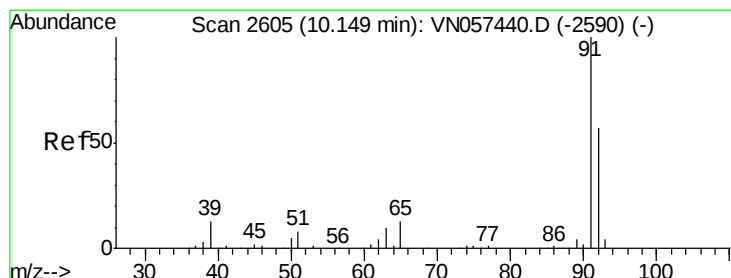
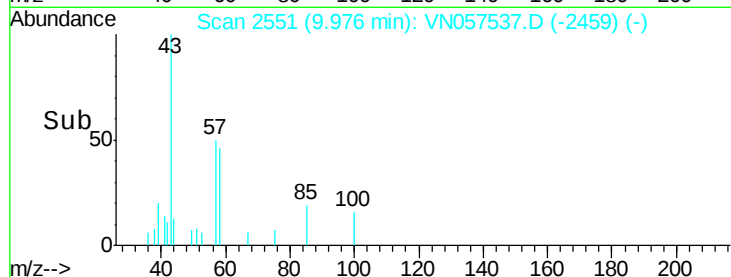
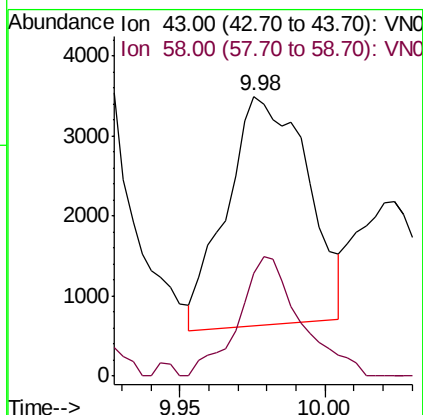
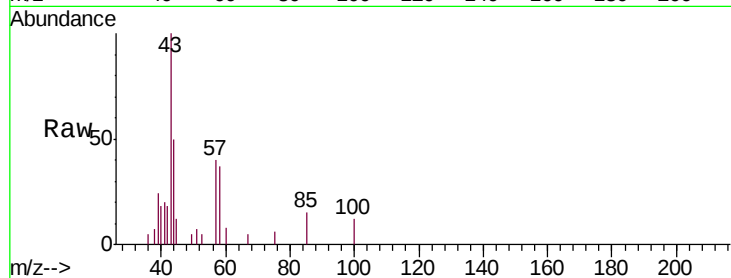




#51
 4-Methyl-2-Pentanone
 Concen: 0.793 ug/l
 RT: 9.98 min Scan# 2551
 Delta R.T. -0.00 min
 Lab File: VN057537.D
 Acq: 27 Aug 2019 2:43

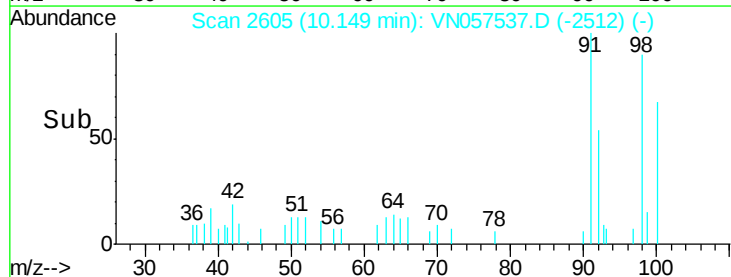
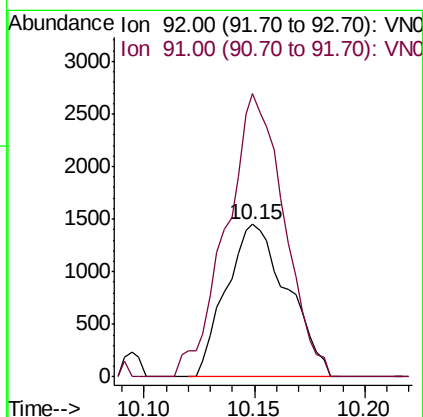
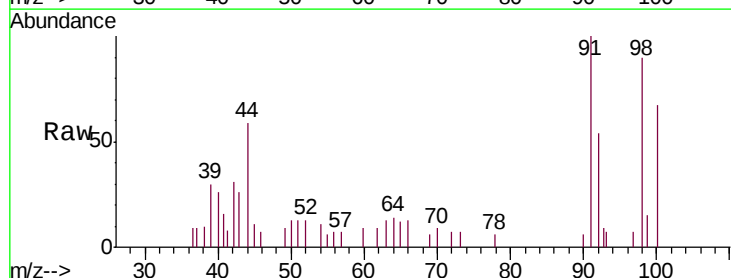
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-G2-(1.9)

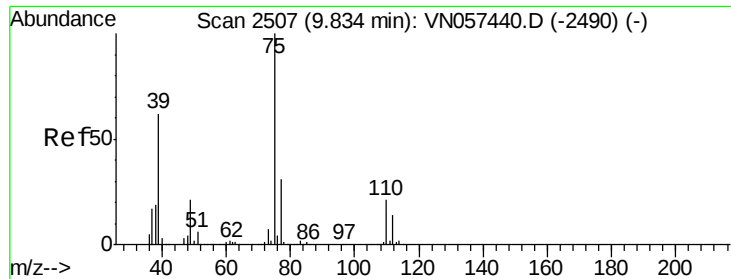
Tgt Ion: 43 Resp: 5573
 Ion Ratio Lower Upper
 43 100
 58 39.7 27.9 41.9



#52
 Toluene
 Concen: 0.233 ug/l
 RT: 10.15 min Scan# 2605
 Delta R.T. -0.00 min
 Lab File: VN057537.D
 Acq: 27 Aug 2019 2:43

Tgt Ion: 92 Resp: 2800
 Ion Ratio Lower Upper
 92 100
 91 175.3 140.9 211.3





#54

cis-1,3-Dichloropropene

Concen: 3.451 ug/l

RT: 9.90 min Scan# 2527

Delta R.T. 0.06 min

Lab File: VN057537.D

Acq: 27 Aug 2019 2:43

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-G2-(1.9)

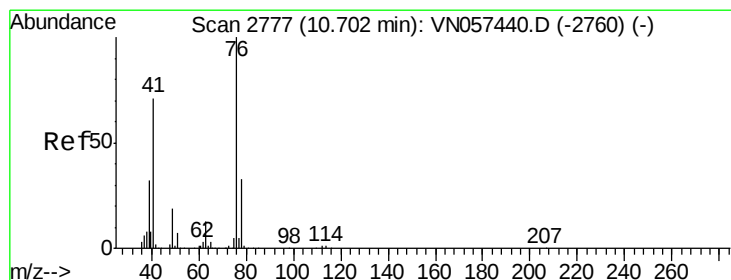
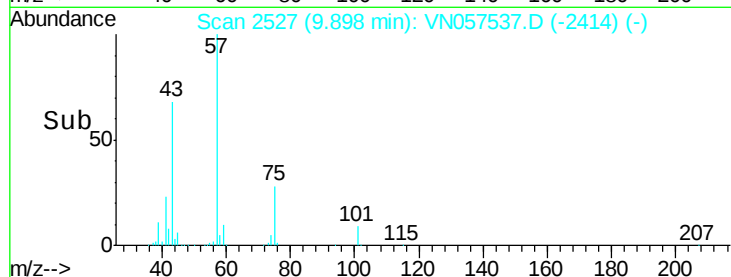
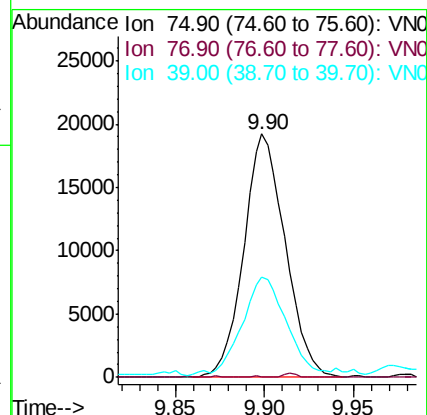
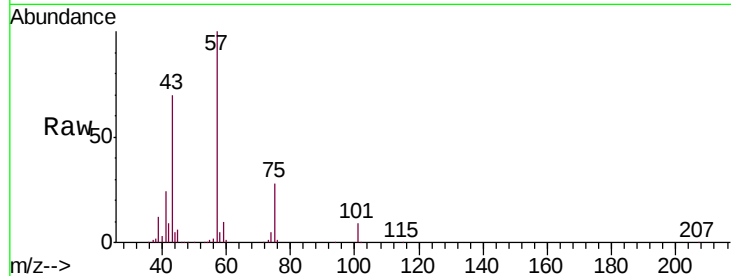
Tgt Ion: 75 Resp: 31219

Ion Ratio Lower Upper

75 100

77 0.0 25.0 37.6#

39 40.1 49.2 73.8#



#57

1,3-Dichloropropane

Concen: 0.364 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.06 min

Lab File: VN057537.D

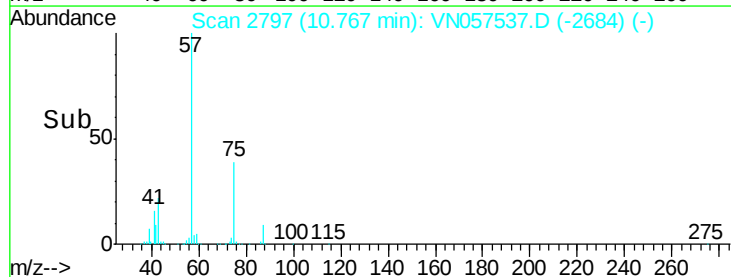
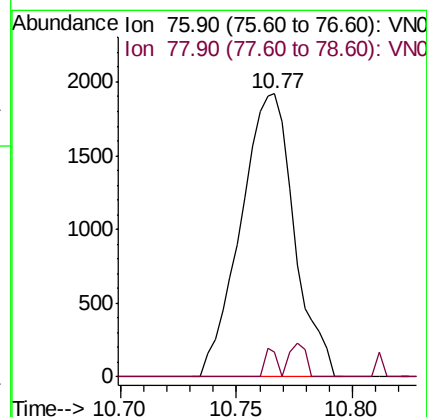
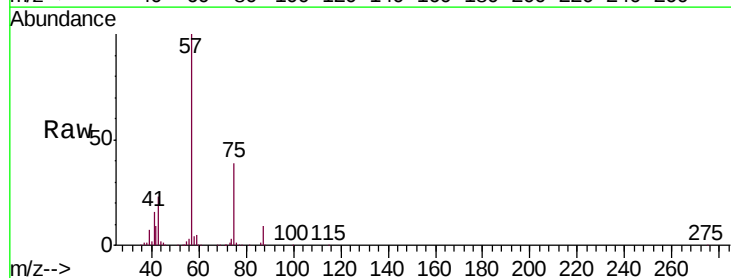
Acq: 27 Aug 2019 2:43

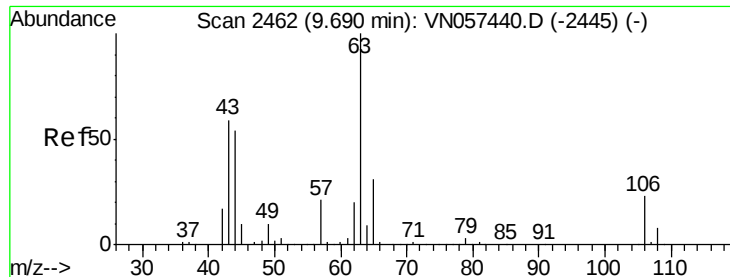
Tgt Ion: 76 Resp: 3081

Ion Ratio Lower Upper

76 100

78 2.3 25.5 38.3#

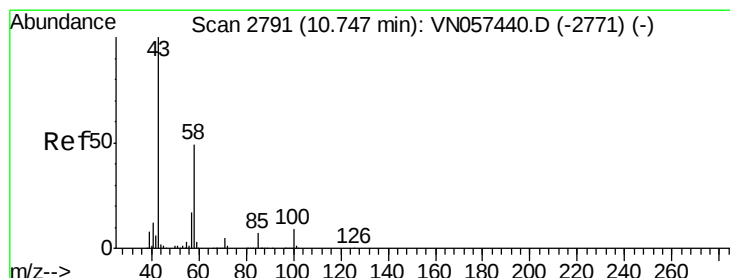
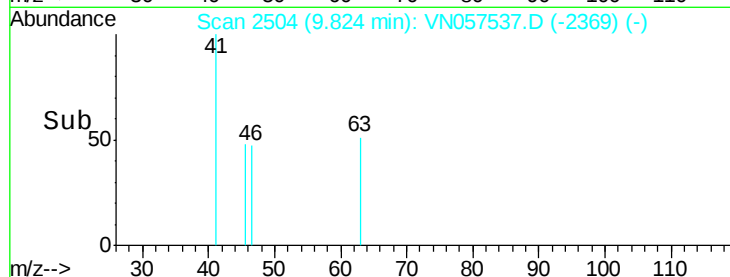
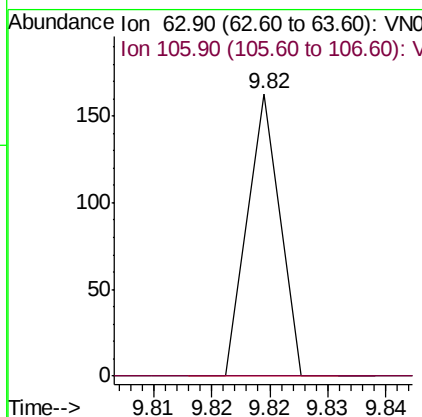
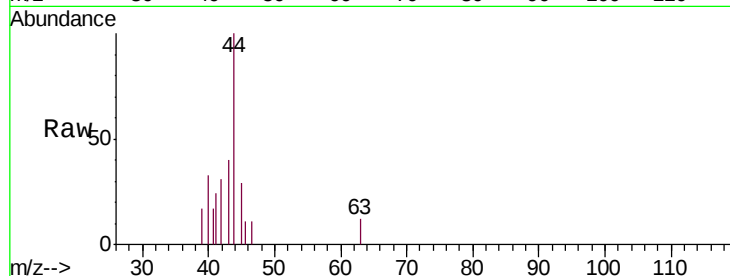




#58
 2-Chloroethyl Vinyl ether
 Concen: 17.078 ug/l
 RT: 9.82 min Scan# 2504
 Delta R.T. 0.14 min
 Lab File: VN057537.D
 Acq: 27 Aug 2019 2:43

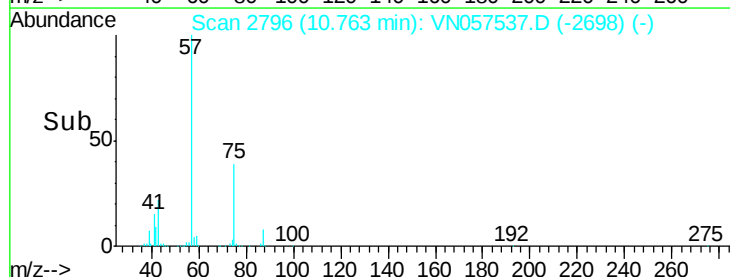
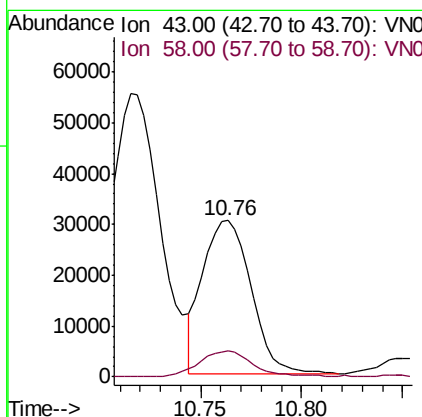
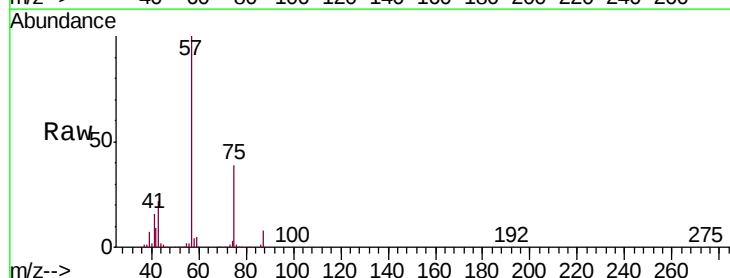
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-G2-(1.9)

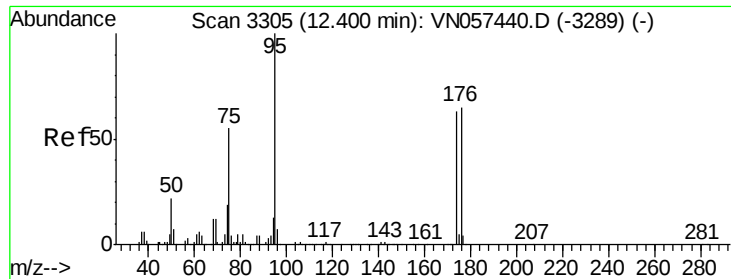
Tgt Ion: 63 Resp: 31
 Ion Ratio Lower Upper
 63 100
 106 0.0 18.6 27.8#



#59
 2-Hexanone
 Concen: 10.355 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.02 min
 Lab File: VN057537.D
 Acq: 27 Aug 2019 2:43

Tgt Ion: 43 Resp: 49888
 Ion Ratio Lower Upper
 43 100
 58 18.5 24.6 73.6#





#62

4-Bromofluorobenzene

Concen: 39.702 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057537.D

Acq: 27 Aug 2019 2:43

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-G2-(1.9)

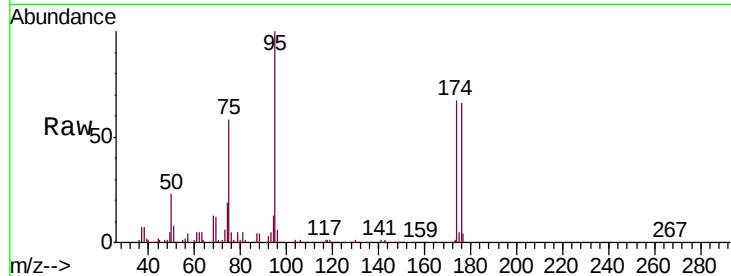
Tgt Ion: 95 Resp: 233924

Ion Ratio Lower Upper

95 100

174 67.7 0.0 133.0

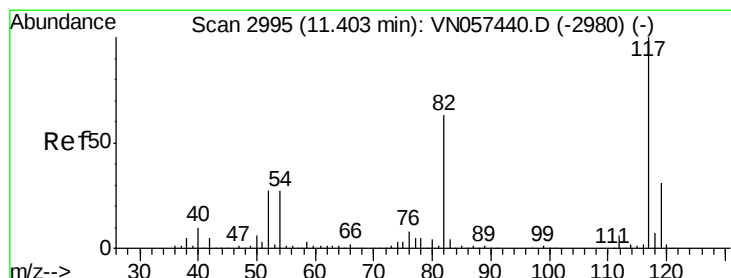
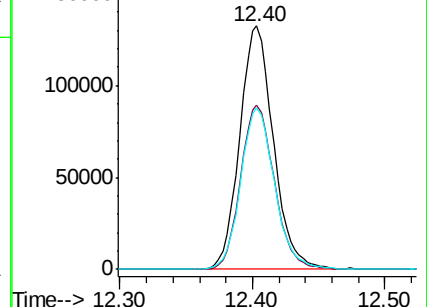
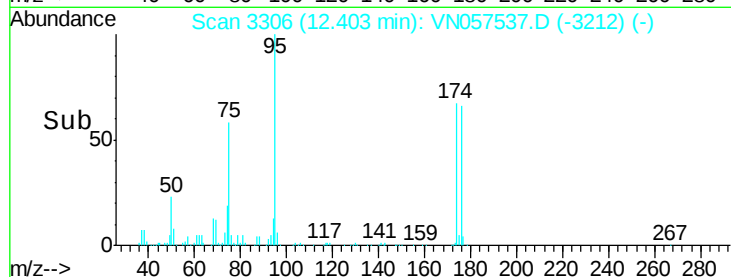
176 66.9 0.0 130.8



Abundance Ion 94.90 (94.60 to 95.60): VN057537.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN057537.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN057537.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN057537.D

Acq: 27 Aug 2019 2:43

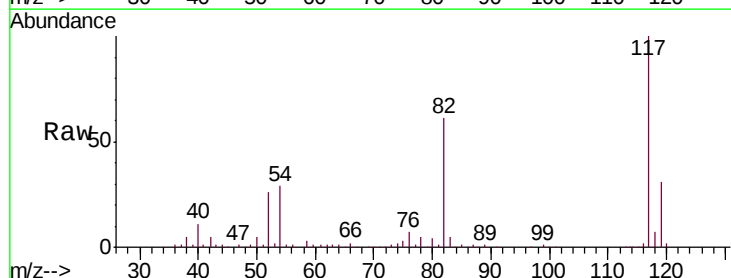
Tgt Ion: 117 Resp: 563715

Ion Ratio Lower Upper

117 100

82 60.6 50.6 75.8

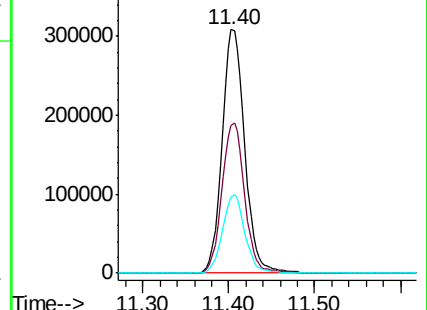
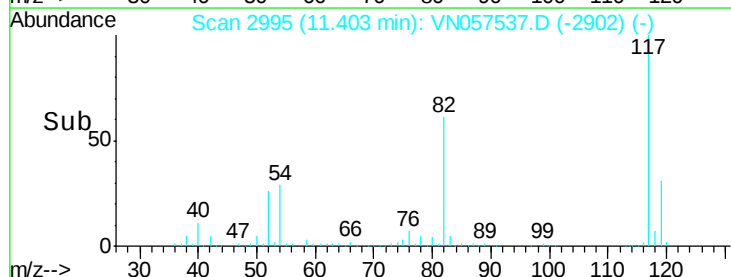
119 31.0 24.6 36.8

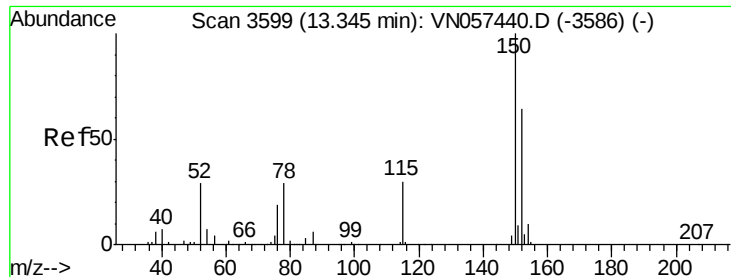


Abundance Ion 116.90 (116.60 to 117.60): VN057537.D (-2902) (-)

Ion 82.00 (81.70 to 82.70): VN057537.D (-2902) (-)

Ion 118.90 (118.60 to 119.60): VN057537.D (-2902) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN057537.D

Acq: 27 Aug 2019 2:43

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-G2-(1.9)

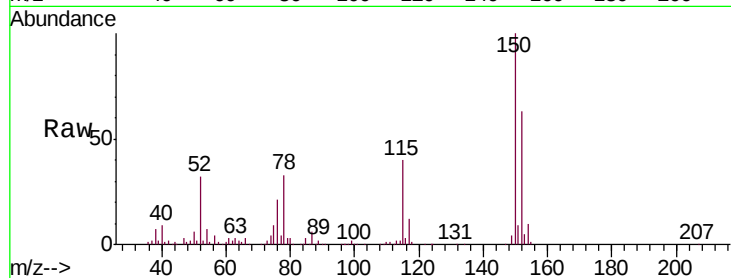
Tgt Ion:152 Resp: 141081

Ion Ratio Lower Upper

152 100

115 62.1 32.0 96.0

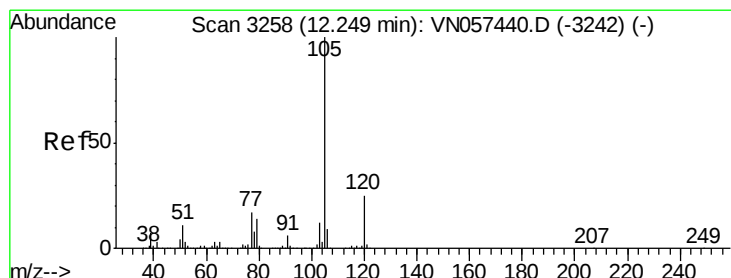
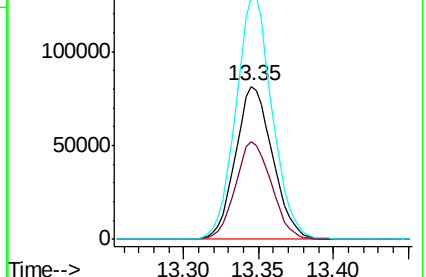
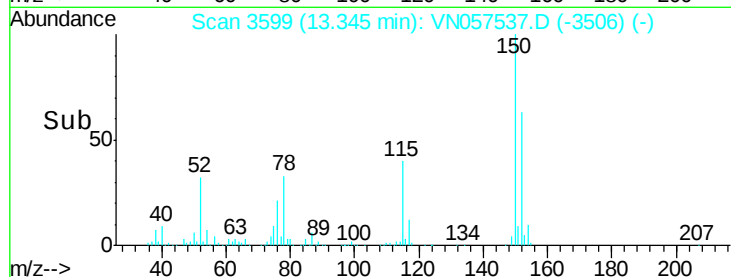
150 155.8 0.0 346.6



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: 12.38 min Scan# 3300

Delta R.T. 0.14 min

Lab File: VN057537.D

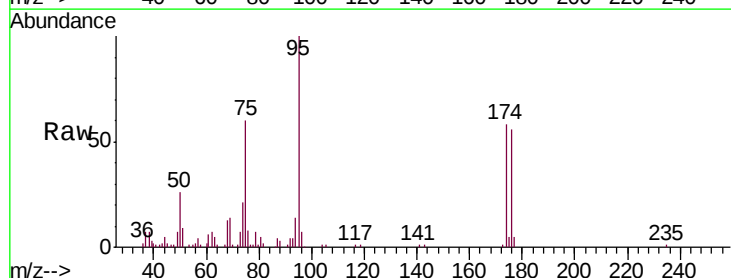
Acq: 27 Aug 2019 2:43

Tgt Ion:105 Resp: 57

Ion Ratio Lower Upper

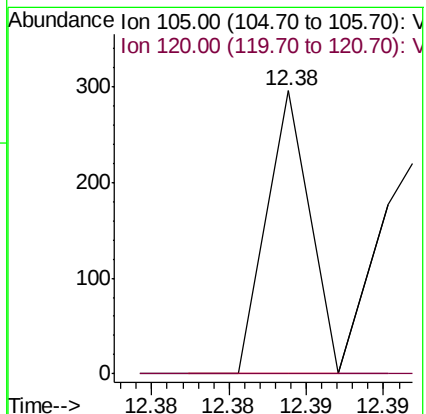
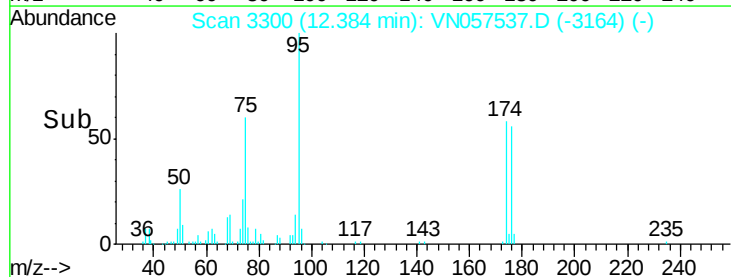
105 100

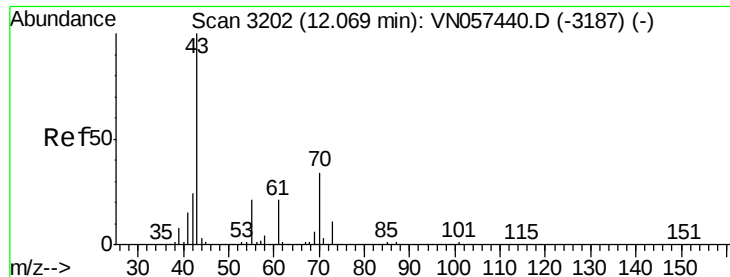
120 119.3 12.7 38.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: Below Cal

RT: 12.03 min Scan# 3189

Delta R.T. -0.04 min

Lab File: VN057537.D

Acq: 27 Aug 2019 2:43

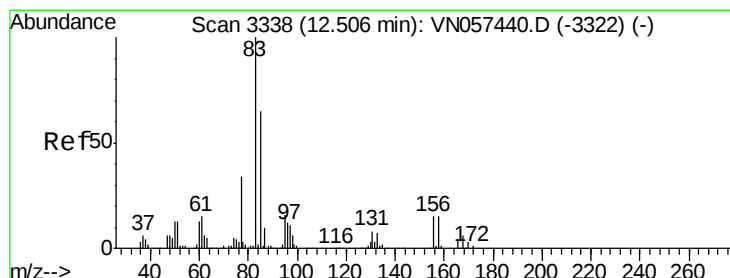
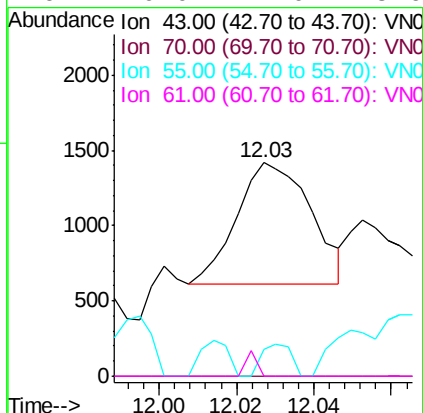
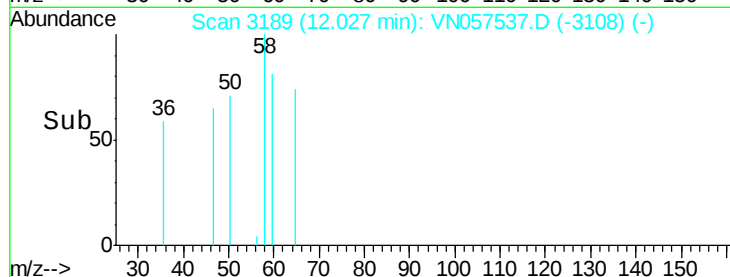
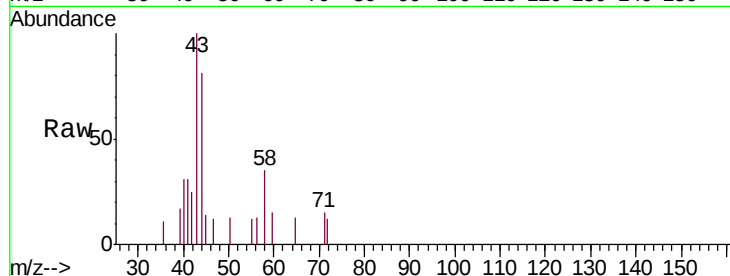
Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-G2-(1.9)

Tgt Ion:	43	Resp:	1067
Ion	Ratio	Lower	Upper
43	100		
70	0.0	27.8	41.6#
55	10.6	17.0	25.4#
61	0.0	17.0	25.6#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

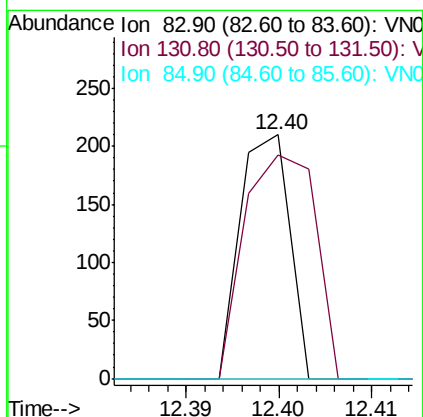
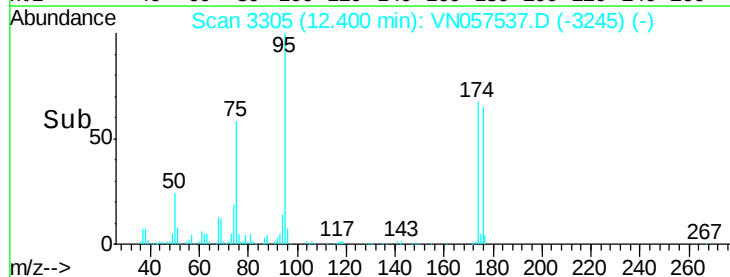
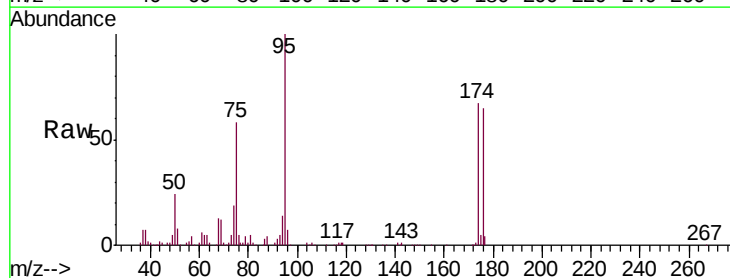
RT: 12.40 min Scan# 3305

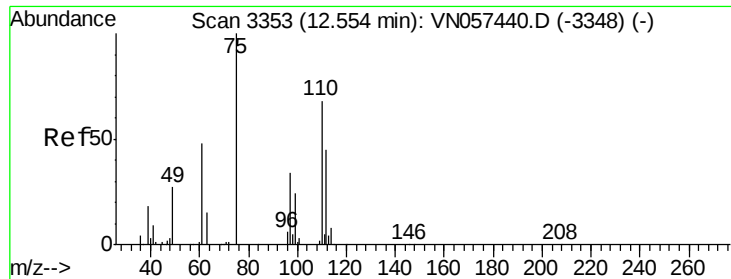
Delta R.T. -0.11 min

Lab File: VN057537.D

Acq: 27 Aug 2019 2:43

Tgt Ion:	83	Resp:	78
Ion	Ratio	Lower	Upper
83	100		
131	132.1	4.3	13.1#
85	0.0	32.3	96.8#

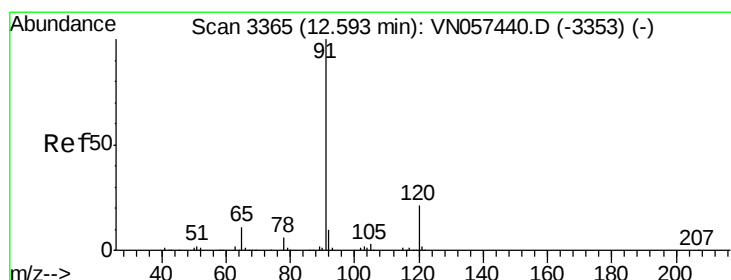
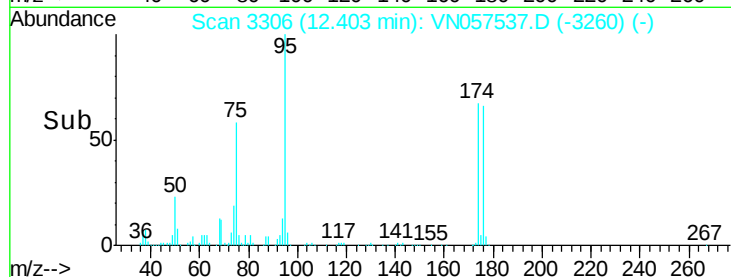
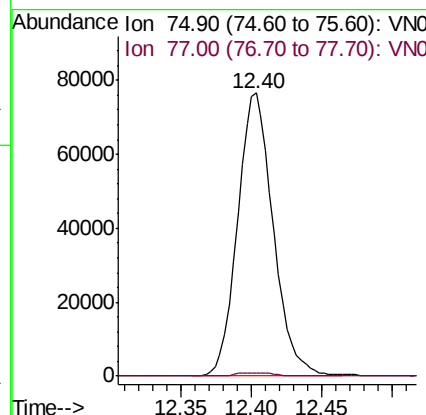
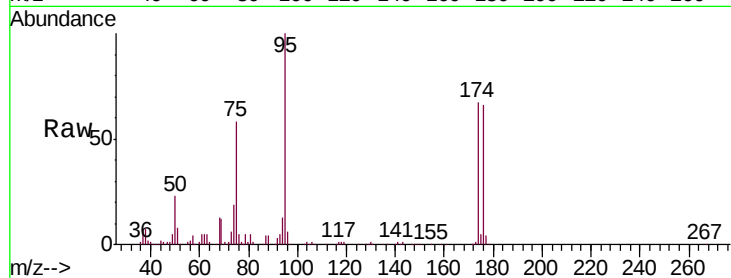




#76
 1,2,3-Trichloropropane
 Concen: 42.900 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. -0.15 min
 Lab File: VN057537.D
 Acq: 27 Aug 2019 2:43

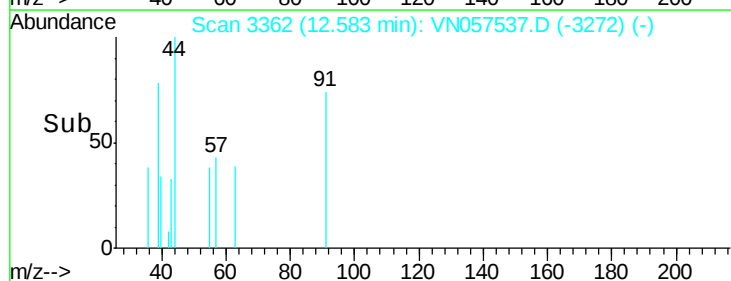
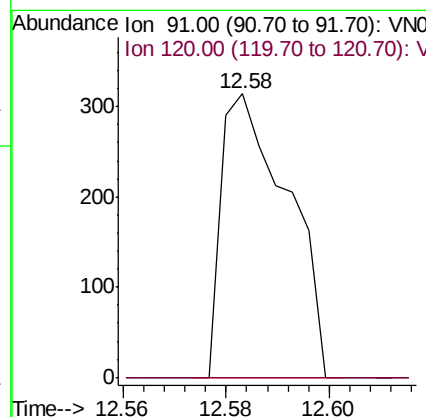
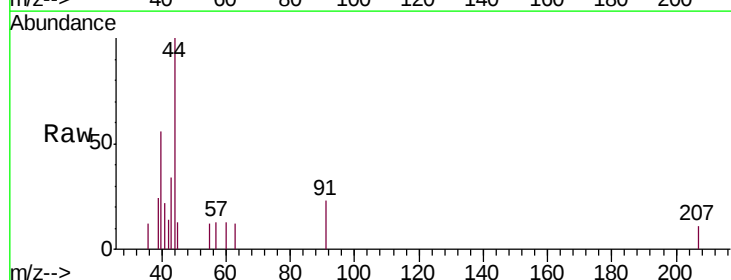
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-G2-(1.9)

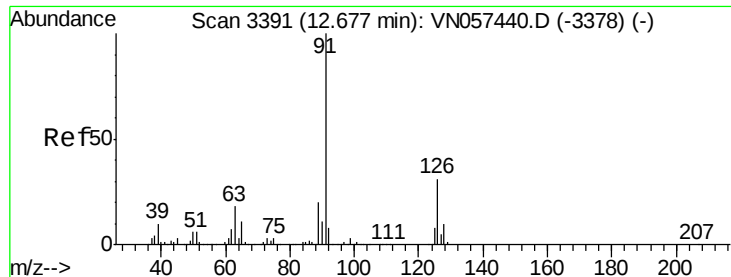
Tgt Ion: 75 Resp: 135623
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#78
 n-propylbenzene
 Concen: Below Cal
 RT: 12.58 min Scan# 3362
 Delta R.T. -0.01 min
 Lab File: VN057537.D
 Acq: 27 Aug 2019 2:43

Tgt Ion: 91 Resp: 278
 Ion Ratio Lower Upper
 91 100
 120 0.0 10.7 32.1#





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.68 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN057537.D

Acq: 27 Aug 2019 2:43

Instrument :

MSVOA_N

ClientSampled :

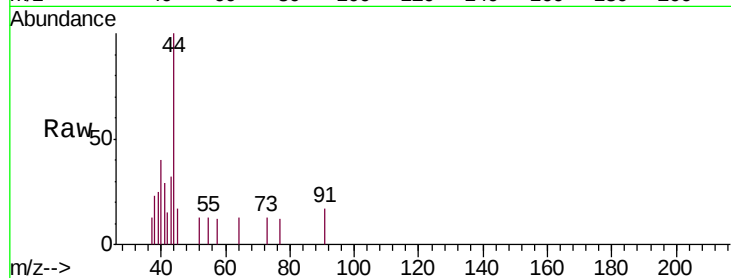
T9-12-13-G2-(1.9)

Tgt Ion: 91 Resp: 122

Ion Ratio Lower Upper

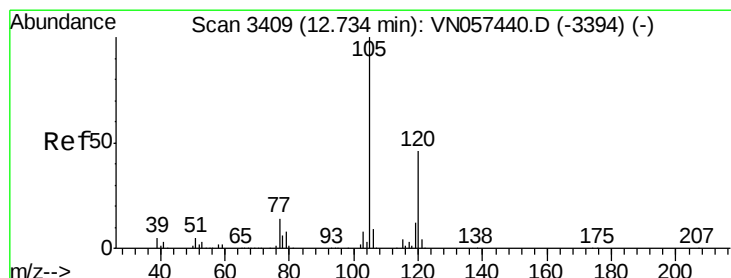
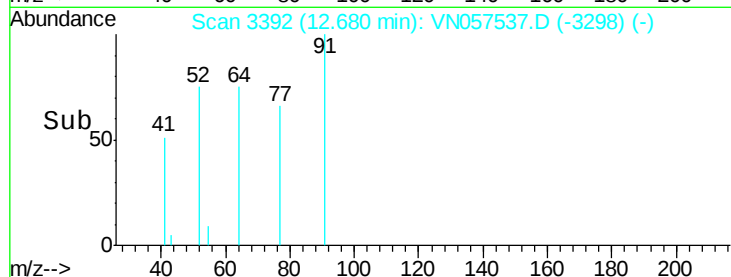
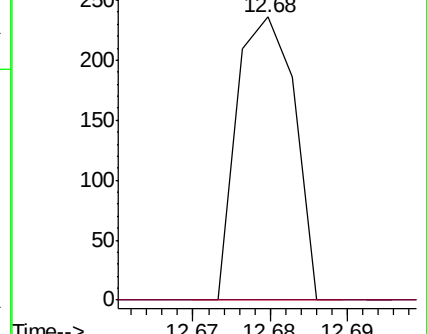
91 100

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: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN057537.D

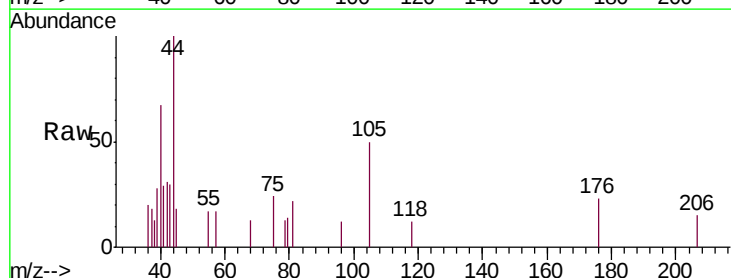
Acq: 27 Aug 2019 2:43

Tgt Ion: 105 Resp: 785

Ion Ratio Lower Upper

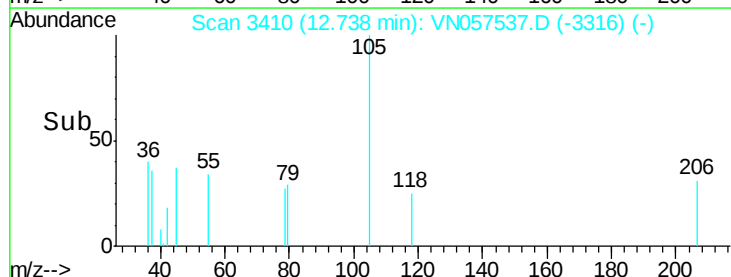
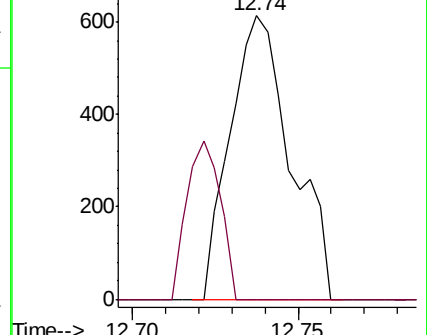
105 100

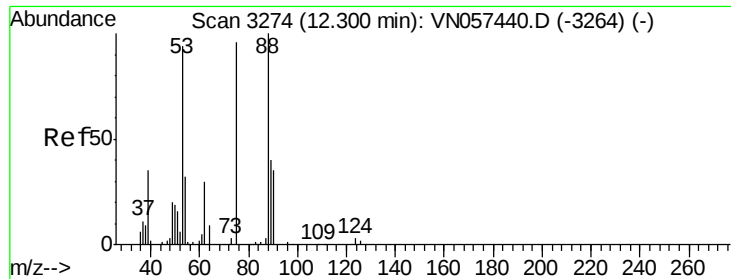
120 30.8 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 110.273 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN057537.D

Acq: 27 Aug 2019 2:43

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-G2-(1.9)

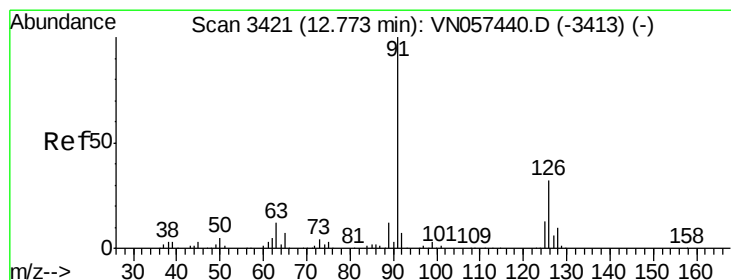
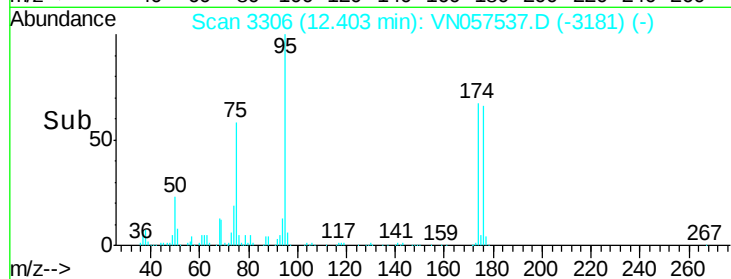
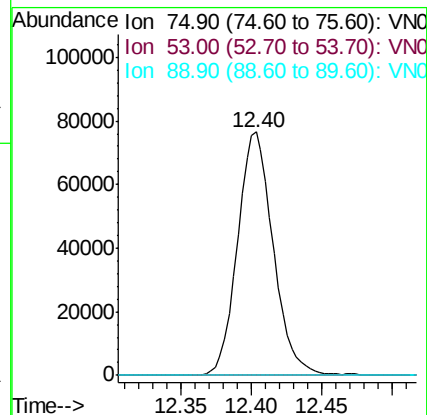
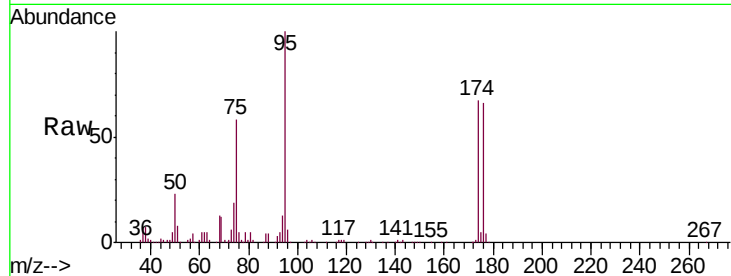
Tgt Ion: 75 Resp: 135623

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# 3419

Delta R.T. -0.01 min

Lab File: VN057537.D

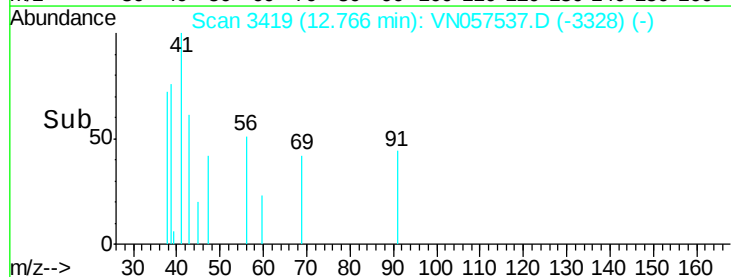
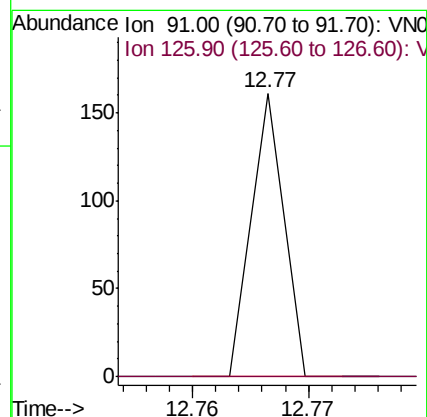
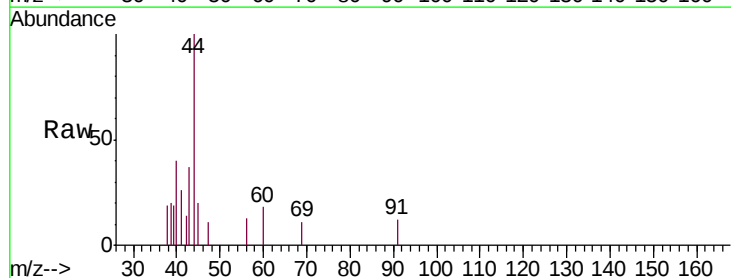
Acq: 27 Aug 2019 2:43

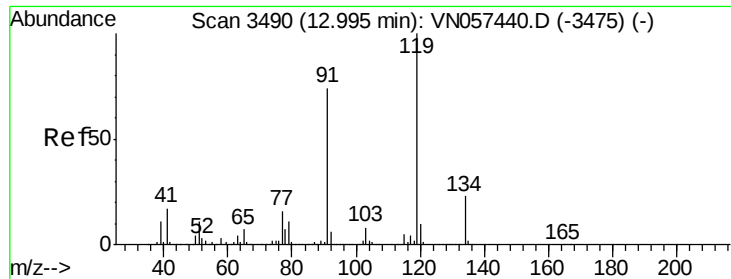
Tgt Ion: 91 Resp: 31

Ion Ratio Lower Upper

91 100

126 0.0 15.0 45.0#

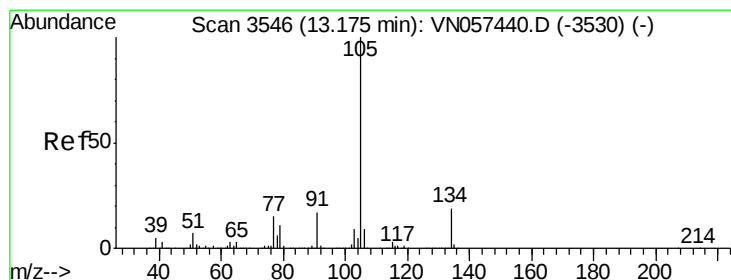
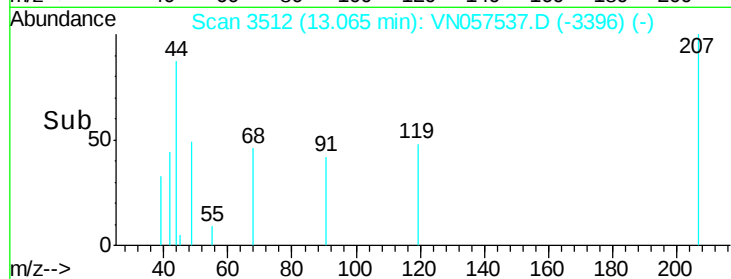
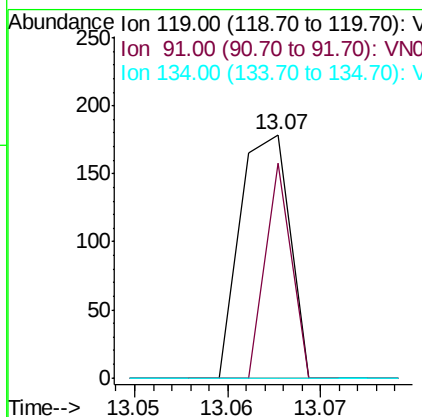
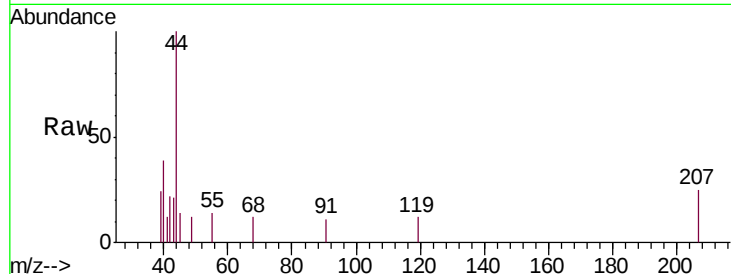




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 13.07 min Scan# 3512
 Delta R.T. 0.07 min
 Lab File: VN057537.D
 Acq: 27 Aug 2019 2:43

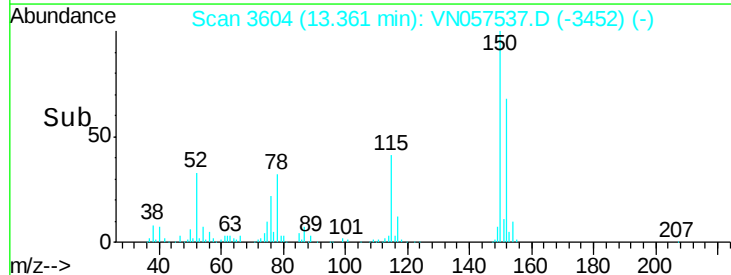
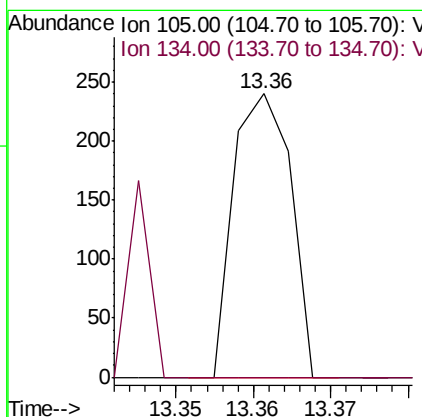
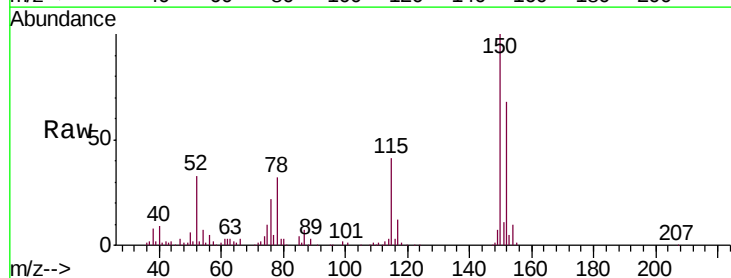
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-G2-(1.9)

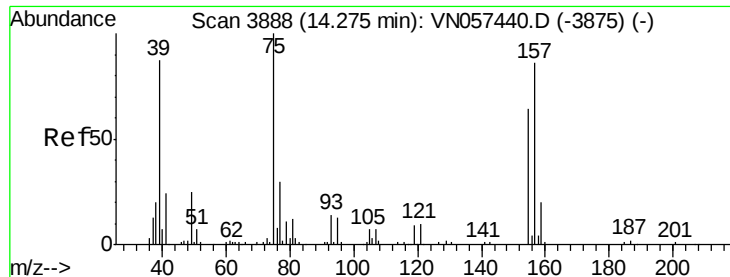
Tgt Ion:119 Resp: 66
 Ion Ratio Lower Upper
 119 100
 91 45.5 37.0 111.0
 134 0.0 12.2 36.6#



#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.19 min
 Lab File: VN057537.D
 Acq: 27 Aug 2019 2:43

Tgt Ion:105 Resp: 124
 Ion Ratio Lower Upper
 105 100
 134 25.8 9.3 27.9

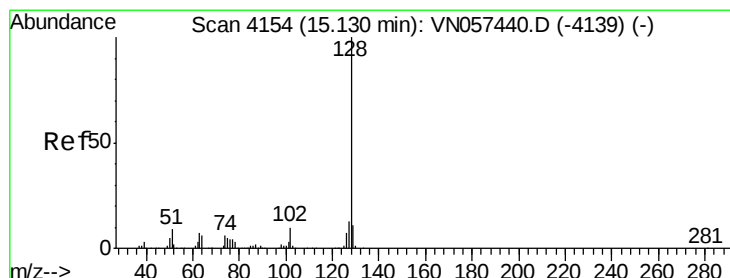
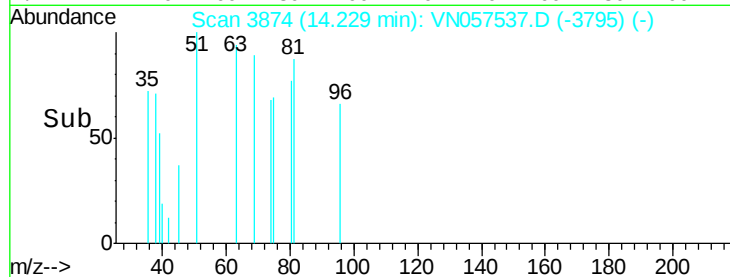
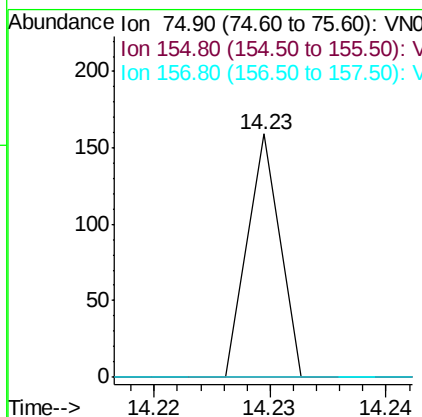
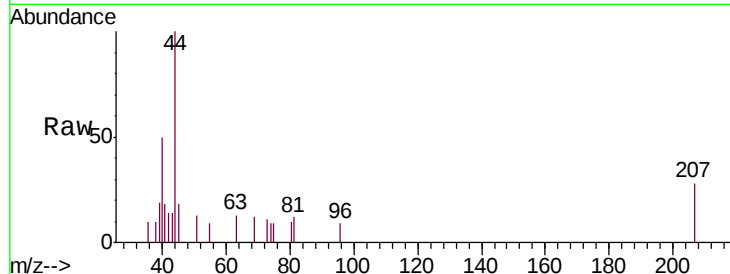




#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.23 min Scan# 3874
 Delta R.T. -0.04 min
 Lab File: VN057537.D
 Acq: 27 Aug 2019 2:43

Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-G2-(1.9)

Tgt Ion: 75 Resp: 31
 Ion Ratio Lower Upper
 75 100
 155 0.0 31.6 94.7#
 157 0.0 43.3 129.8#



#95
 Naphthalene
 Concen: 4.394 ug/l
 RT: 15.13 min Scan# 4154
 Delta R.T. 0.00 min
 Lab File: VN057537.D
 Acq: 27 Aug 2019 2:43

Tgt Ion: 128 Resp: 333
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.5 15.7#
 129 0.0 8.6 13.0#

