

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082619\
 Data File : VN057536.D
 Acq On : 27 Aug 2019 2:18
 Operator : JC/SP
 Sample : K4493-41
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-G2-(0)

Quant Time: Aug 27 07:22:11 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	402425	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	704334	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	573402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	139147	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	337068	47.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.22%	
35) Dibromofluoromethane	7.57	113	229643	48.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.54%	
50) Toluene-d8	10.08	98	877872	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.60%	
62) 4-Bromofluorobenzene	12.40	95	233569	38.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.62%	
Target Compounds						
8) Diethyl Ether	3.38	74	1255	Below Cal	Qvalue	71
9) 1,1,2-Trichlorotrifluoroet	3.72	101	62	Below Cal	#	1
11) Tert butyl alcohol	4.80	59	239	0.272 ug/l	#	1
13) Acrolein	3.57	56	167	0.216 ug/l	#	62
16) Acetone	3.80	43	21372	6.574 ug/l	#	86
18) Methyl Acetate	4.31	43	21032	2.084 ug/l	#	91
20) Methylene Chloride	4.53	84	9560	1.911 ug/l	#	84
29) Tetrahydrofuran	7.19	42	698	0.300 ug/l	#	38
31) Cyclohexane	7.65	56	13270	1.334 ug/l	#	44
36) 1,1-Dichloropropene	7.65	75	40459	5.622 ug/l	#	50
38) Carbon Tetrachloride	7.65	117	44656	6.246 ug/l	#	16
43) Isopropyl Acetate	8.16	43	63598	4.877 ug/l		98
46) Dibromomethane	9.08	93	29	Below Cal	#	10
48) Methyl methacrylate	9.17	41	5037	0.812 ug/l	#	44
49) 1,4-Dioxane	9.19	88	64	0.798 ug/l	#	1
51) 4-Methyl-2-Pentanone	9.98	43	4892	0.673 ug/l	#	78
54) cis-1,3-Dichloropropene	9.90	75	30316	3.239 ug/l	#	62
58) 2-Chloroethyl Vinyl ether	9.68	63	30	17.077 ug/l	#	52
59) 2-Hexanone	10.76	43	41167	8.259 ug/l	#	58
73) Isopropylbenzene	12.25	105	31	Below Cal	#	50
74) N-amyl acetate	12.03	43	1821	Below Cal	#	54
75) 1,1,2,2-Tetrachloroethane	12.50	83	29	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	134410	43.127 ug/l	#	100
78) n-propylbenzene	12.60	91	264	Below Cal	#	55
79) 2-Chlorotoluene	12.68	91	241	Below Cal	#	44
80) 1,3,5-Trimethylbenzene	12.74	105	514	Below Cal	#	60
81) trans-1,4-Dichloro-2-buten	12.40	75	134410	110.821 ug/l	#	9
82) 4-Chlorotoluene	12.81	91	70	Below Cal	#	45
83) tert-Butylbenzene	13.12	119	68	Below Cal	#	22
85) sec-Butylbenzene	13.18	105	29	Below Cal	#	58
92) 1,2-Dibromo-3-Chloropropan	14.26	75	63	Below Cal	#	11
95) Naphthalene	15.13	128	132	4.361 ug/l	#	69
96) 1,2,3-Trichlorobenzene	15.29	180	33	5.132 ug/l	#	13

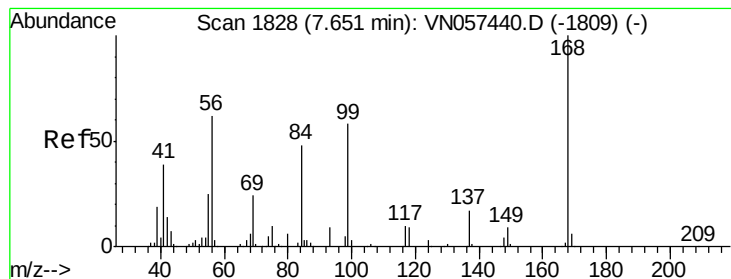
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082619\
Data File : VN057536.D
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Quant Title : SW846 8260
QLast Update : Fri Aug 23 05:07:29 2019
Response via : Initial Calibration

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: VN057536.D

Acq: 27 Aug 2019 2:18

Instrument :

MSVOA_N

ClientSampleId :

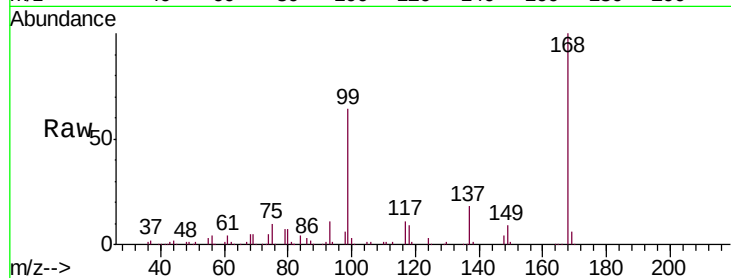
T9-12-13-G2-(0)

Tgt Ion:168 Resp: 402425

Ion Ratio Lower Upper

168 100

99 63.9 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

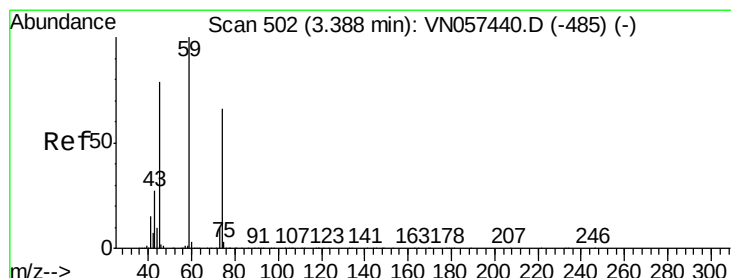
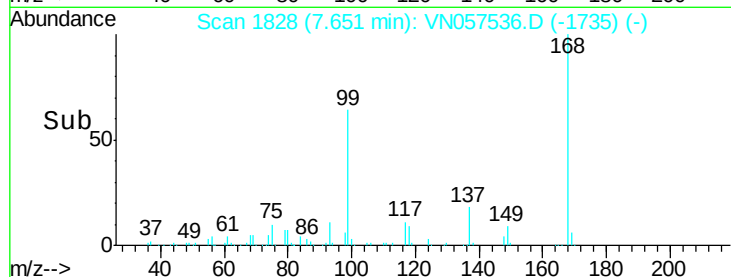
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#8

Diethyl Ether

Concen: Below Cal

RT: 3.38 min Scan# 501

Delta R.T. -0.00 min

Lab File: VN057536.D

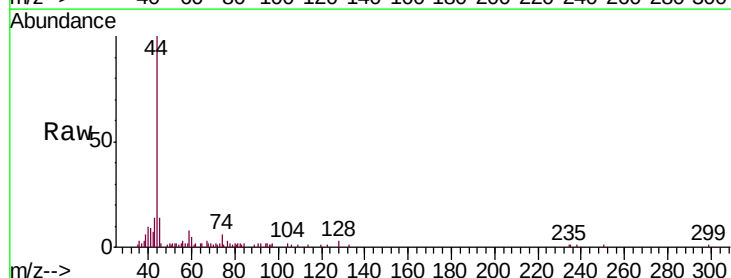
Acq: 27 Aug 2019 2:18

Tgt Ion: 74 Resp: 1255

Ion Ratio Lower Upper

74 100

45 147.6 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) (-)

3.38

2000

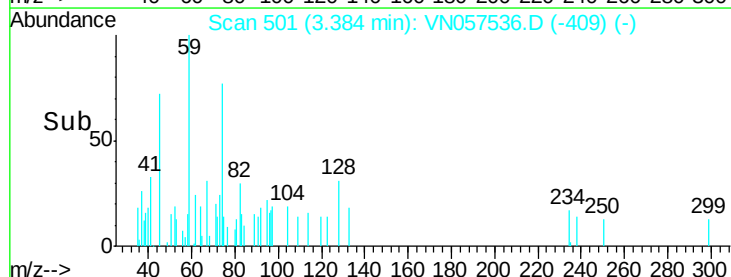
1500

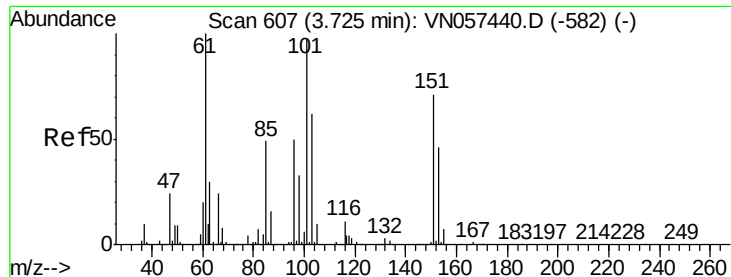
1000

500

0

Time--> 3.32 3.34 3.36 3.38 3.40





#9

1,1,2-Trichlorotrifluoroethane

Concen: Below Cal

RT: 3.72 min Scan# 605

Delta R.T. -0.01 min

Lab File: VN057536.D

Acq: 27 Aug 2019 2:18

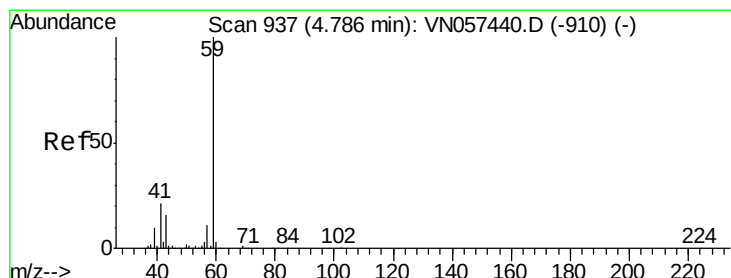
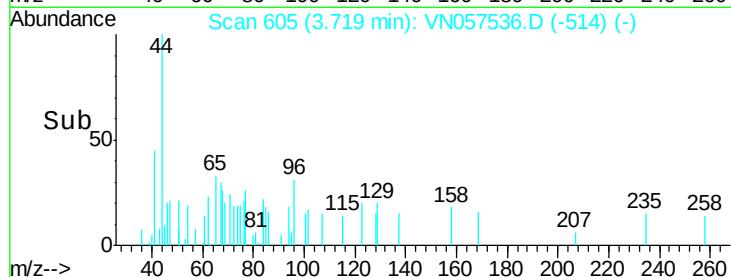
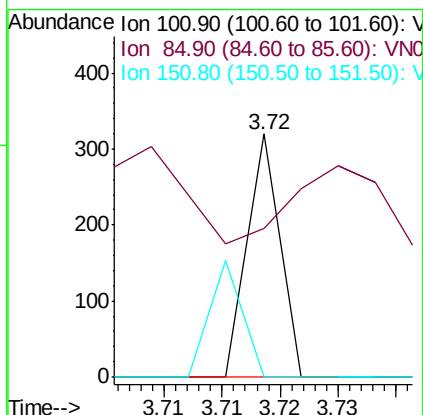
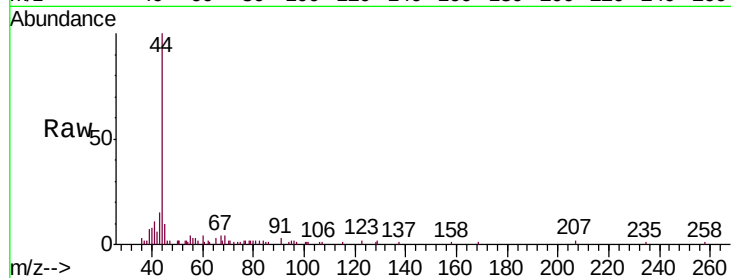
Instrument :

MSVOA_N

ClientSampled :

T9-12-13-G2-(0)

Tgt Ion:	101	Resp:	62
Ion	Ratio	Lower	Upper
101	100		
85	364.5	40.0	60.0#
151	46.8	57.0	85.6#



#11

Tert butyl alcohol

Concen: 0.272 ug/l

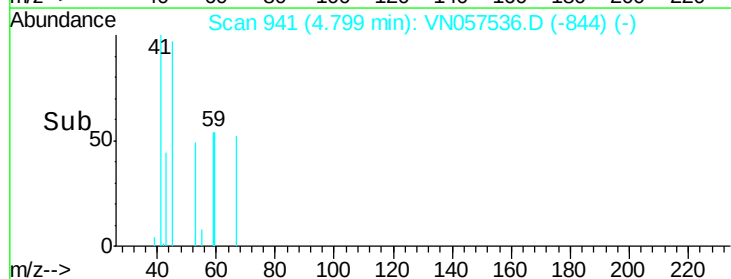
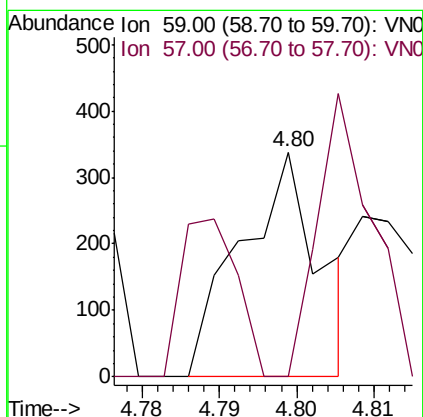
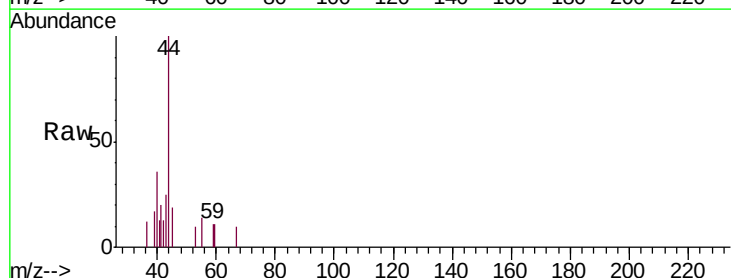
RT: 4.80 min Scan# 941

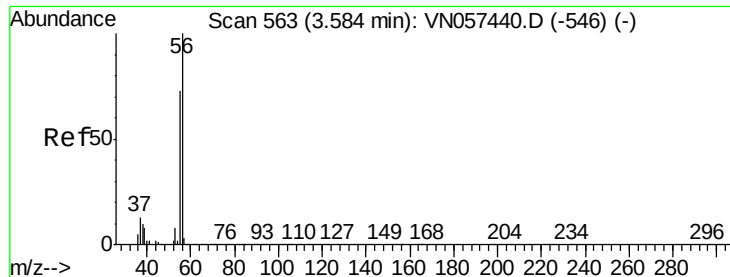
Delta R.T. 0.01 min

Lab File: VN057536.D

Acq: 27 Aug 2019 2:18

Tgt Ion:	59	Resp:	239
Ion	Ratio	Lower	Upper
59	100		
57	50.2	9.1	13.7#





#13

Acrolein

Concen: 0.216 ug/l

RT: 3.57 min Scan# 559

Delta R.T. -0.01 min

Lab File: VN057536.D

Acq: 27 Aug 2019 2:18

Instrument :

MSVOA_N

ClientSampleId :

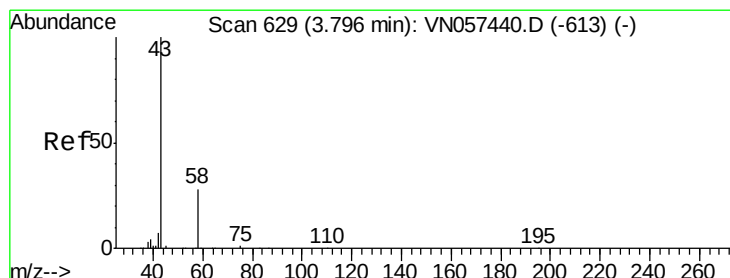
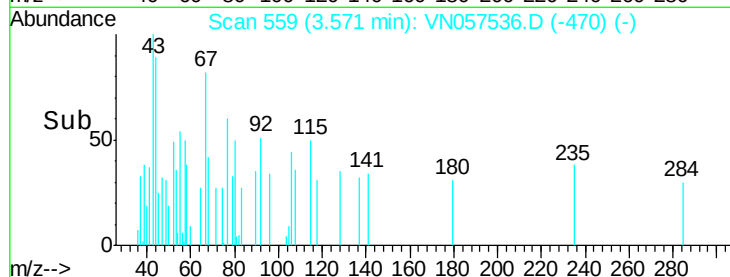
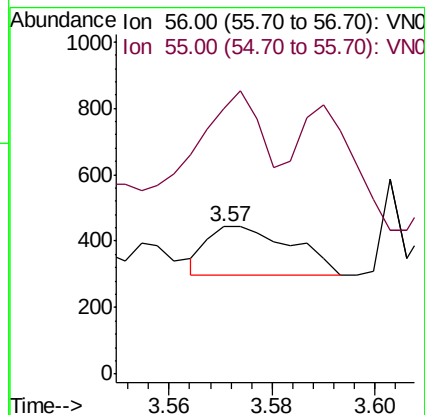
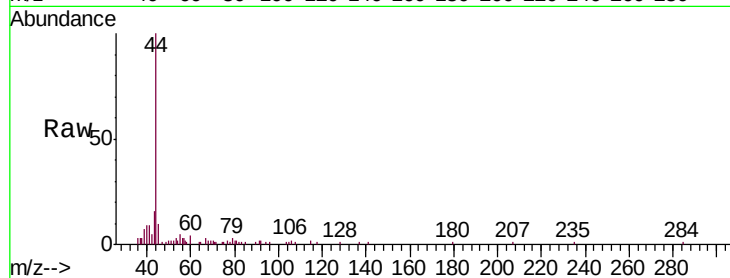
T9-12-13-G2-(0)

Tgt Ion: 56 Resp: 167

Ion Ratio Lower Upper

56 100

55 106.0 59.0 88.4#



#16

Acetone

Concen: 6.574 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN057536.D

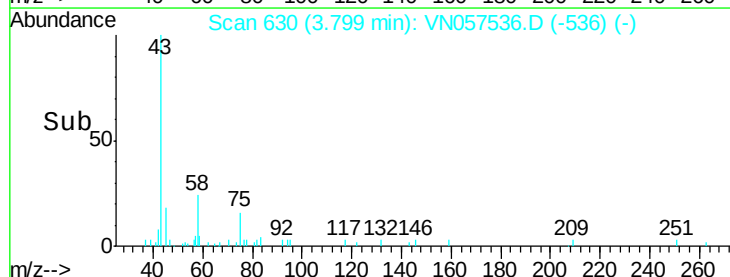
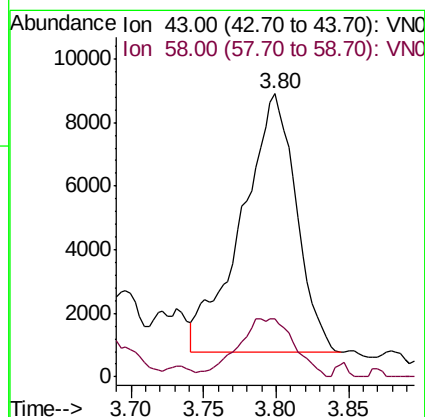
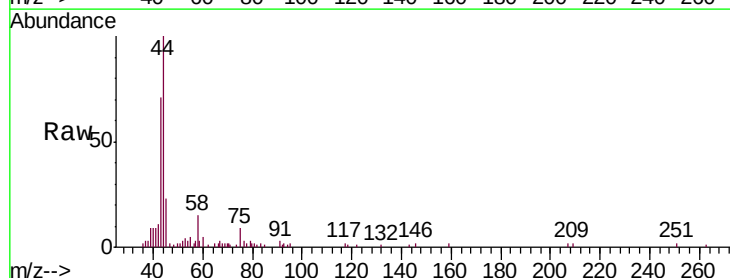
Acq: 27 Aug 2019 2:18

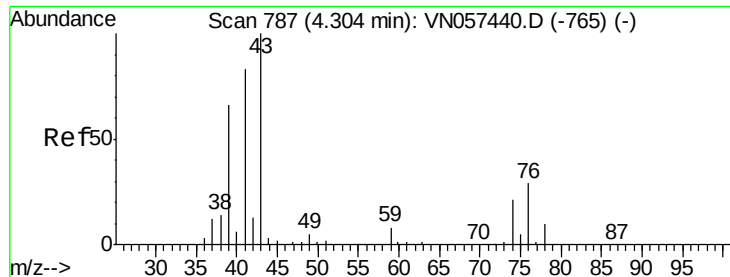
Tgt Ion: 43 Resp: 21372

Ion Ratio Lower Upper

43 100

58 20.1 22.1 33.1#

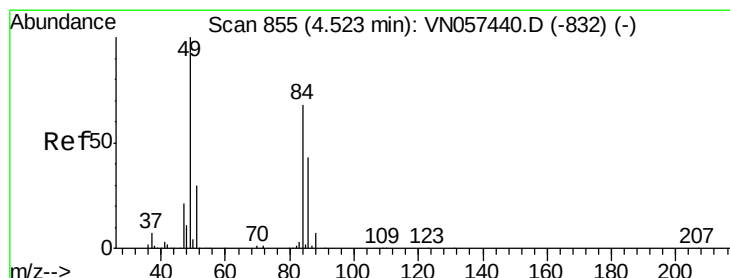
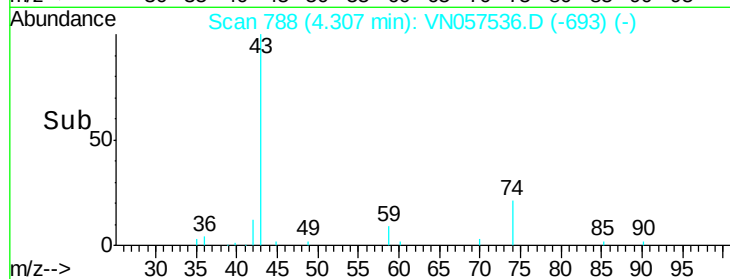
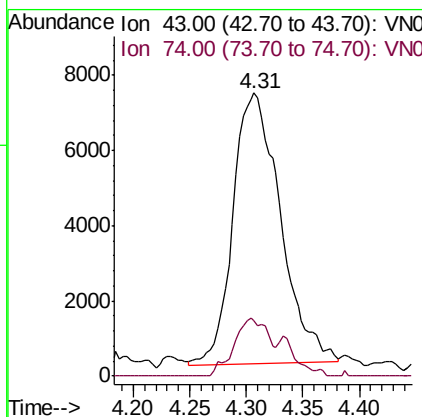
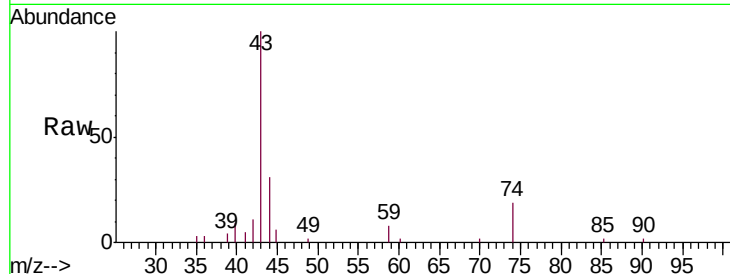




#18
Methyl Acetate
Concen: 2.084 ug/l
RT: 4.31 min Scan# 788
Delta R.T. 0.00 min
Lab File: VN057536.D
Acq: 27 Aug 2019 2:18

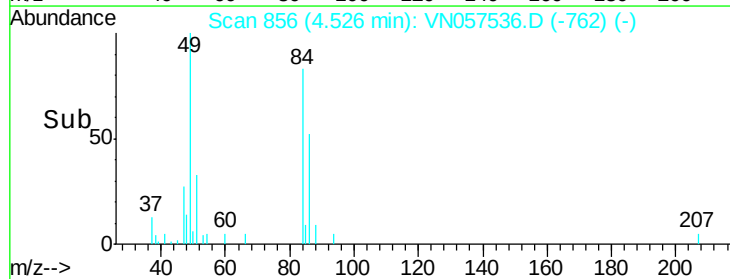
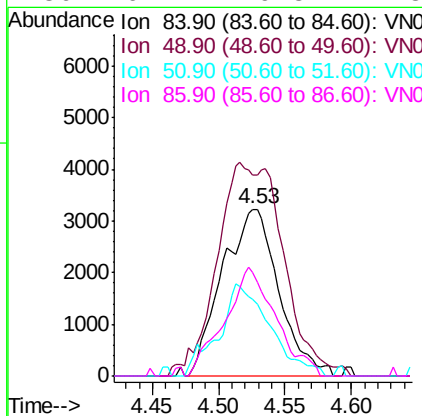
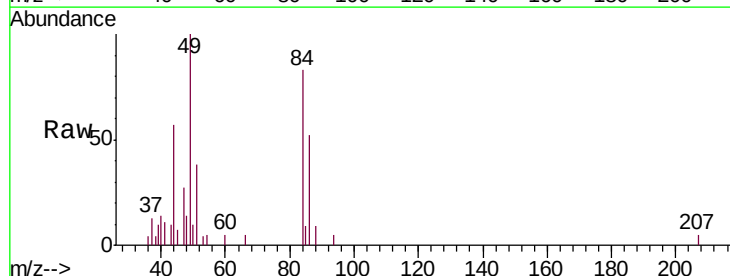
Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-G2-(0)

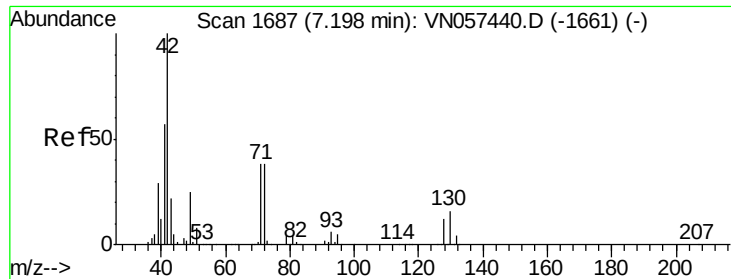
Tgt Ion: 43 Resp: 21032
Ion Ratio Lower Upper
43 100
74 15.7 15.9 23.9#



#20
Methylene Chloride
Concen: 1.911 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN057536.D
Acq: 27 Aug 2019 2:18

Tgt Ion: 84 Resp: 9560
Ion Ratio Lower Upper
84 100
49 114.7 117.0 175.4#
51 40.7 35.5 53.3
86 62.1 49.8 74.8





#29

Tetrahydrofuran

Concen: 0.300 ug/l

RT: 7.19 min Scan# 1684

Delta R.T. -0.01 min

Lab File: VN057536.D

Acq: 27 Aug 2019 2:18

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-G2-(0)

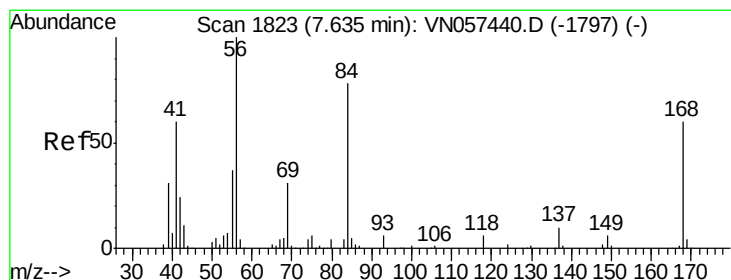
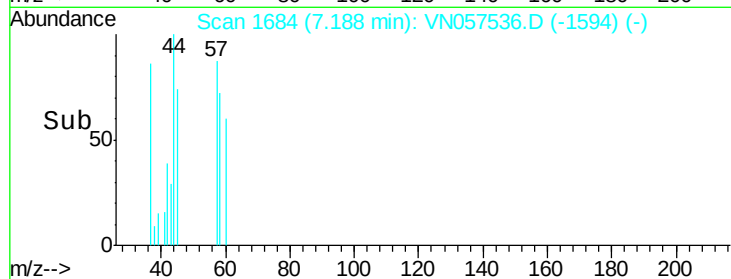
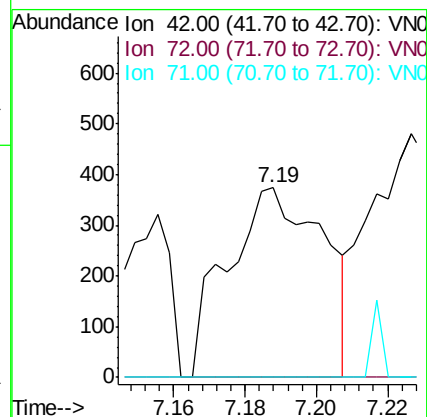
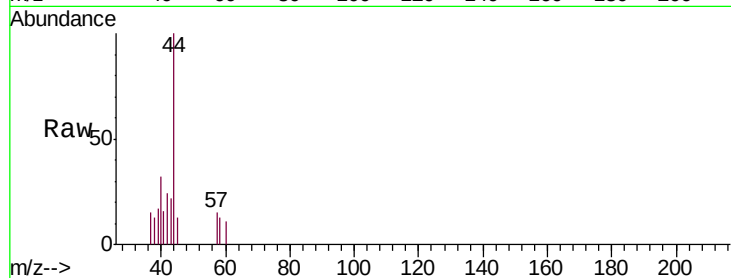
Tgt Ion: 42 Resp: 698

Ion Ratio Lower Upper

42 100

72 0.0 30.1 45.1#

71 0.0 28.8 43.2#



#31

Cyclohexane

Concen: 1.334 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.01 min

Lab File: VN057536.D

Acq: 27 Aug 2019 2:18

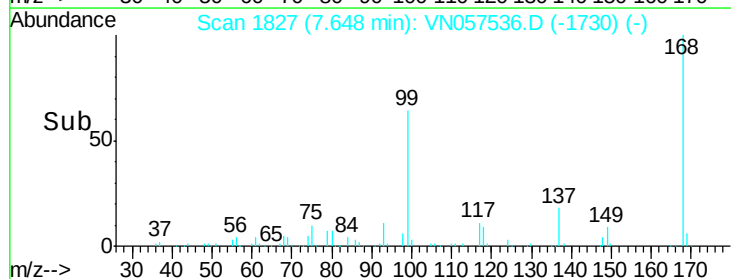
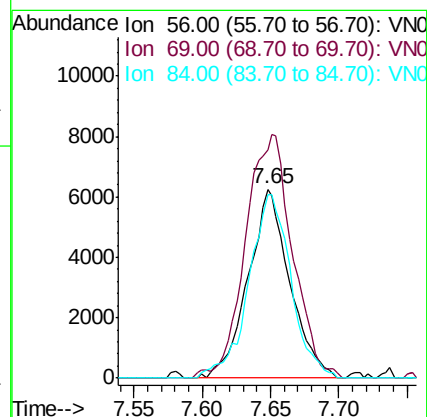
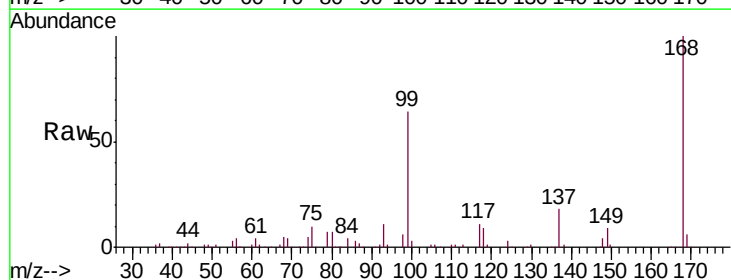
Tgt Ion: 56 Resp: 13270

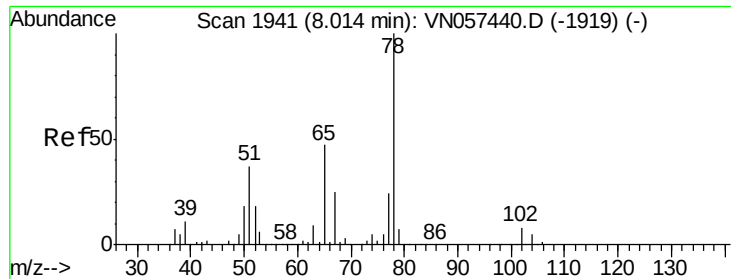
Ion Ratio Lower Upper

56 100

69 115.9 25.0 37.6#

84 92.9 62.5 93.7

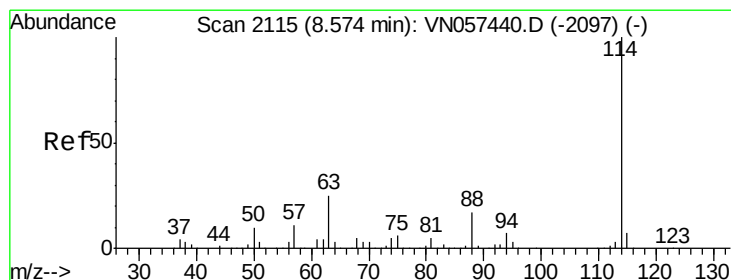
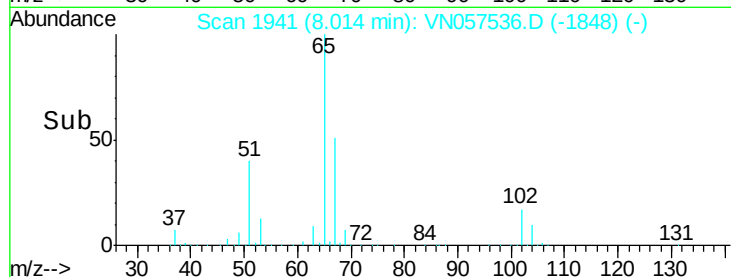
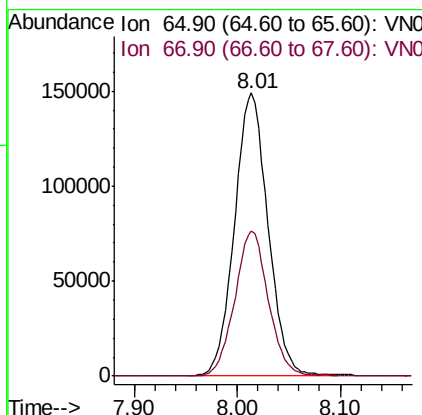
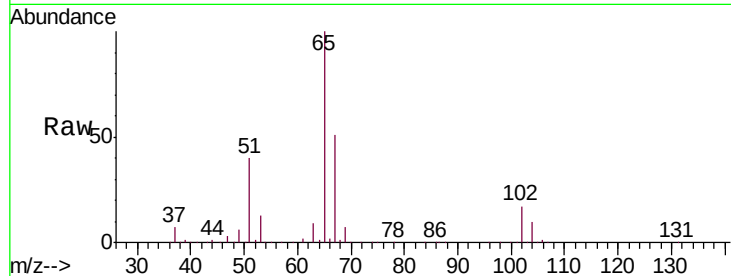




#33
 1,2-Dichloroethane-d4
 Concen: 47.614 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. -0.00 min
 Lab File: VN057536.D
 Acq: 27 Aug 2019 2:18

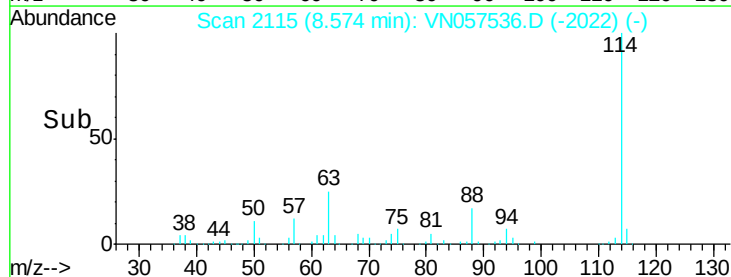
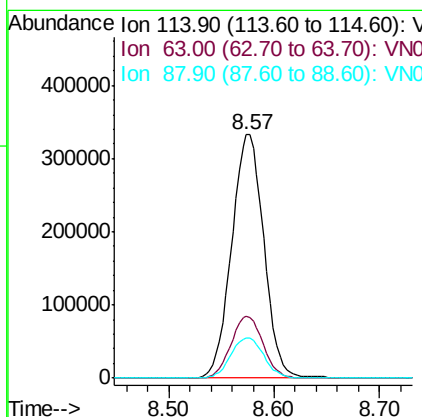
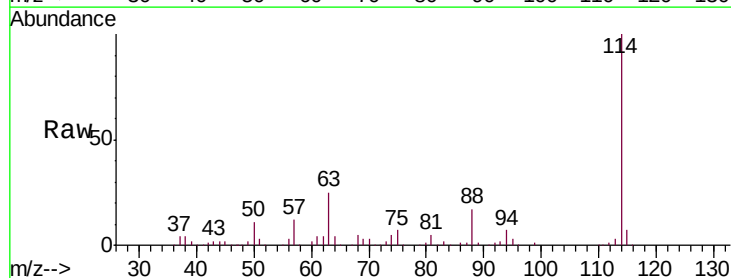
Instrument :
 MSVOA_N
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 T9-12-13-G2-(0)

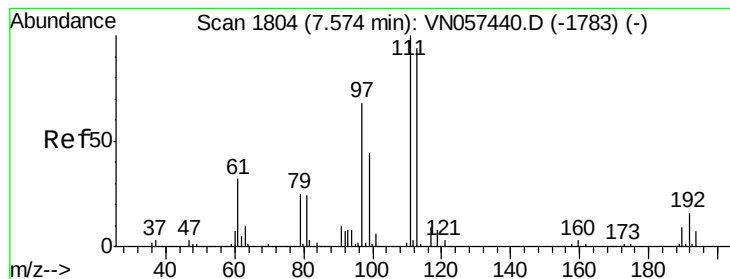
Tgt Ion: 65 Resp: 337068
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN057536.D
 Acq: 27 Aug 2019 2:18

Tgt Ion: 114 Resp: 704334
 Ion Ratio Lower Upper
 114 100
 63 25.4 0.0 50.2
 88 16.7 0.0 34.6





#35

Dibromofluoromethane

Concen: 48.270 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VN057536.D

Acq: 27 Aug 2019 2:18

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-G2-(0)

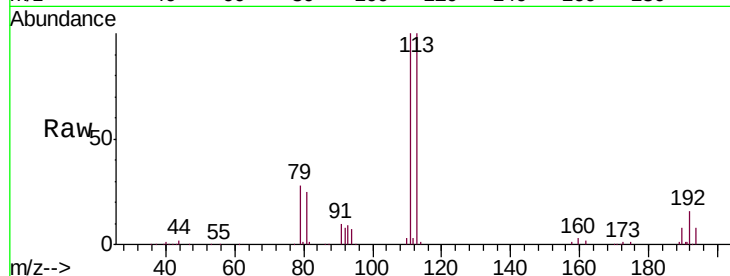
Tgt Ion:113 Resp: 229643

Ion Ratio Lower Upper

113 100

111 101.6 83.8 125.6

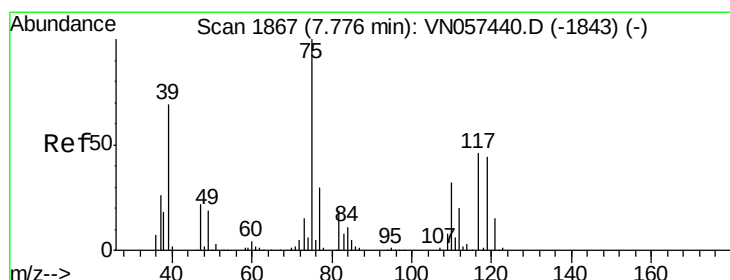
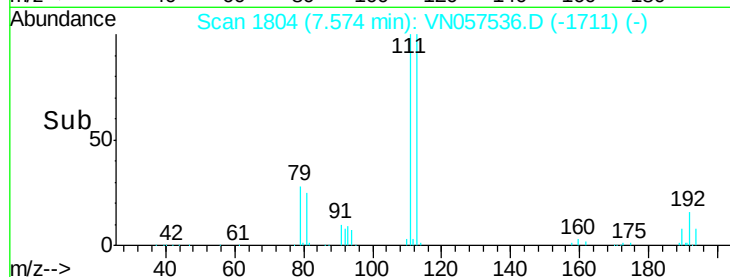
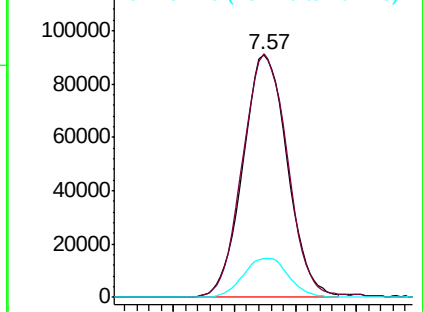
192 16.5 13.5 20.3



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: 5.622 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.13 min

Lab File: VN057536.D

Acq: 27 Aug 2019 2:18

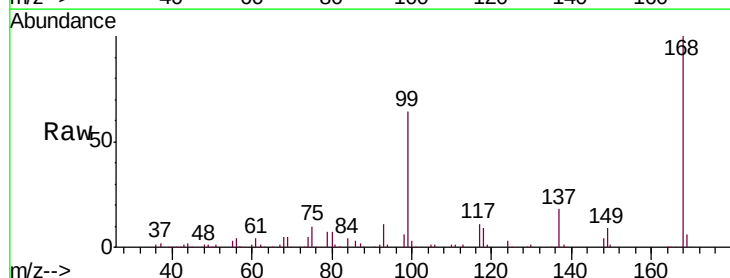
Tgt Ion: 75 Resp: 40459

Ion Ratio Lower Upper

75 100

110 7.2 16.1 48.3#

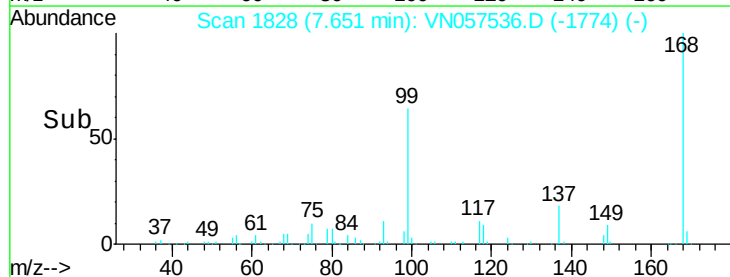
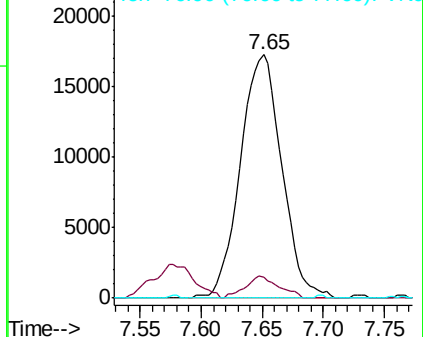
77 0.0 24.8 37.2#

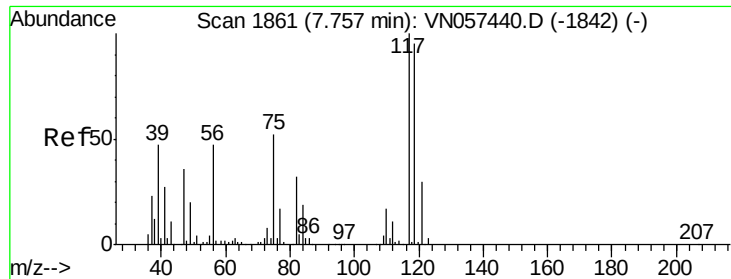


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 6.246 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.11 min

Lab File: VN057536.D

Acq: 27 Aug 2019 2:18

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-G2-(0)

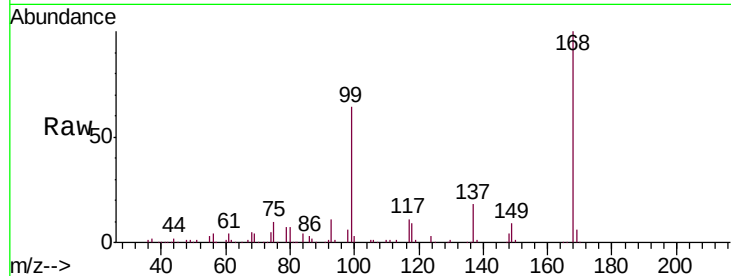
Tgt Ion:117 Resp: 44656

Ion Ratio Lower Upper

117 100

119 5.1 76.2 114.4#

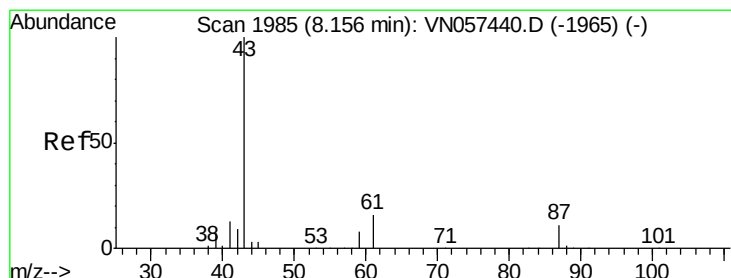
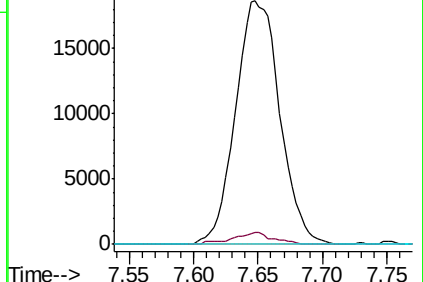
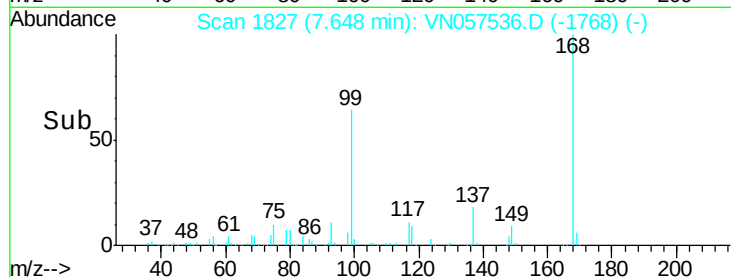
121 0.0 23.8 35.6#



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: 4.877 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN057536.D

Acq: 27 Aug 2019 2:18

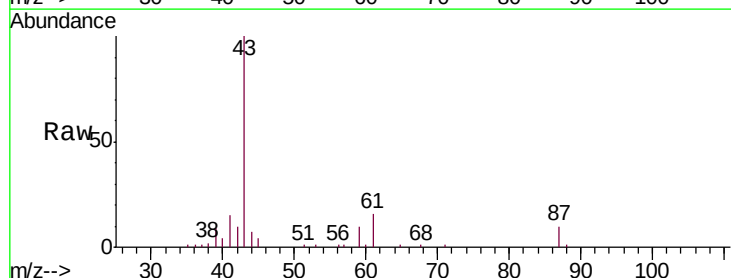
Tgt Ion: 43 Resp: 63598

Ion Ratio Lower Upper

43 100

61 16.9 14.5 21.7

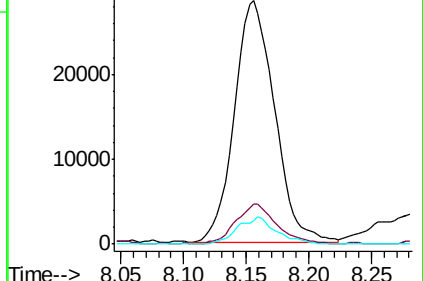
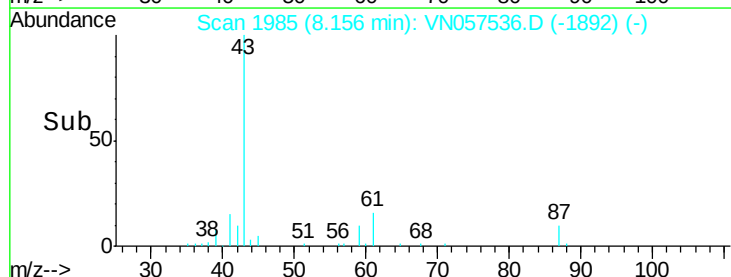
87 10.7 8.6 12.8

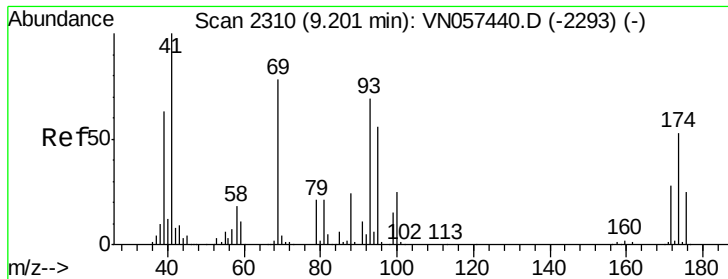


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#46

Dibromomethane

Concen: Below Cal

RT: 9.08 min Scan# 2273

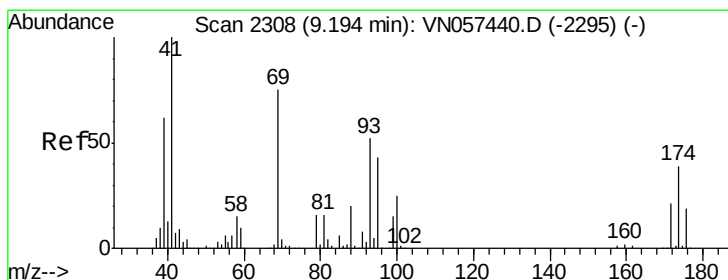
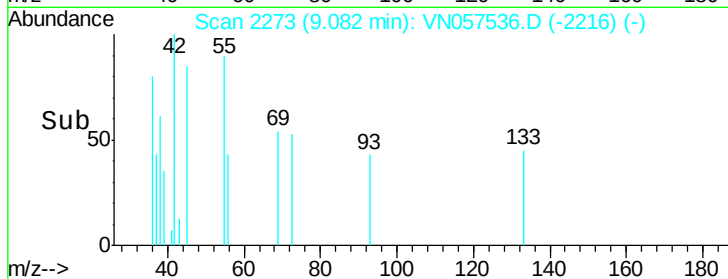
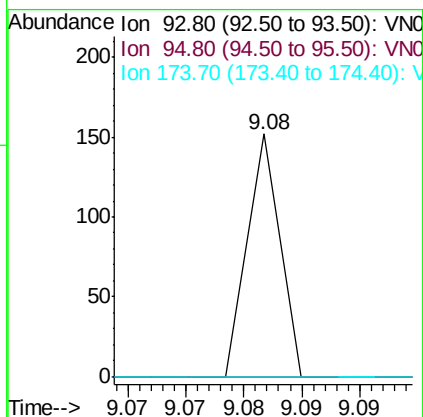
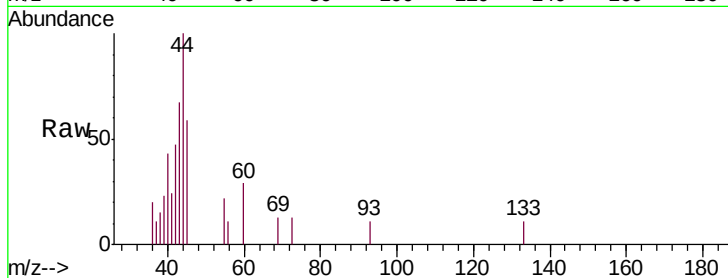
Delta R.T. -0.12 min

Lab File: VN057536.D

Acq: 27 Aug 2019 2:18

Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-G2-(0)

Tgt Ion:	93	Resp:	29
Ion	Ratio	Lower	Upper
93	100		
95	0.0	64.7	97.1#
174	0.0	62.3	93.5#



#48

Methyl methacrylate

Concen: 0.812 ug/l

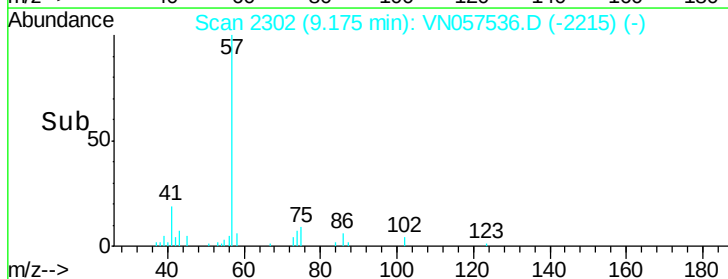
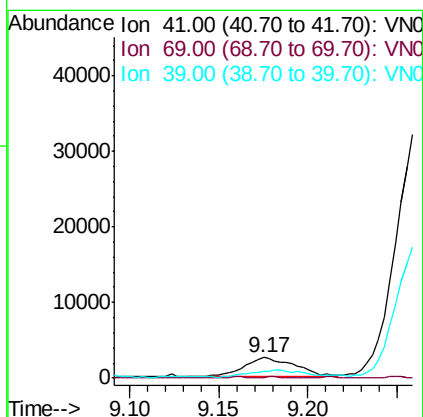
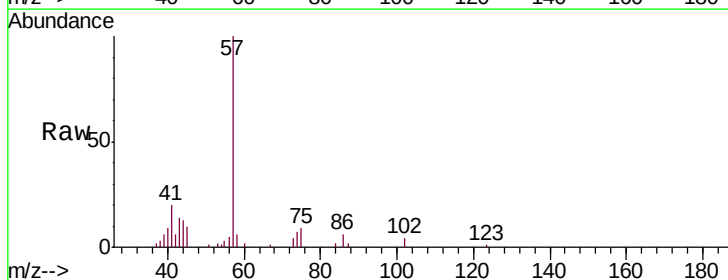
RT: 9.17 min Scan# 2302

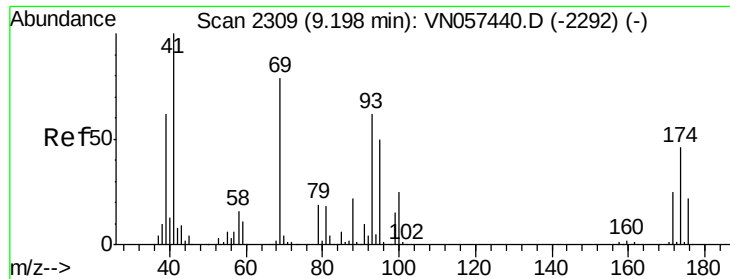
Delta R.T. -0.02 min

Lab File: VN057536.D

Acq: 27 Aug 2019 2:18

Tgt Ion:	41	Resp:	5037
Ion	Ratio	Lower	Upper
41	100		
69	1.4	59.3	88.9#
39	47.4	50.6	75.8#

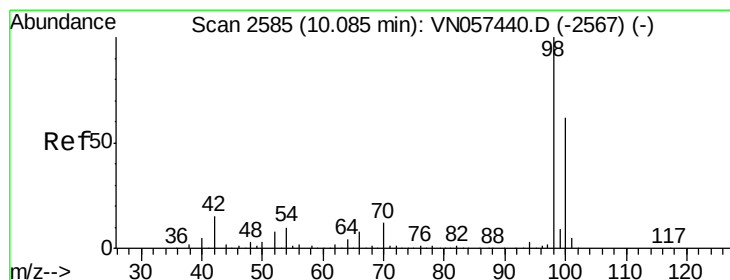
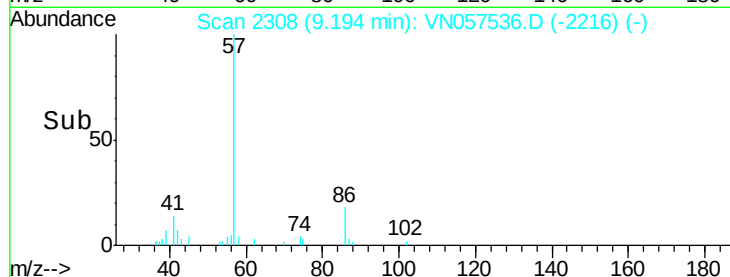
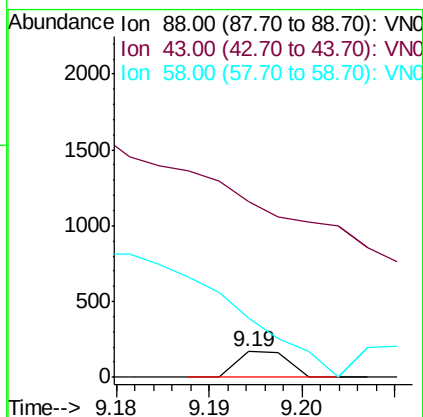
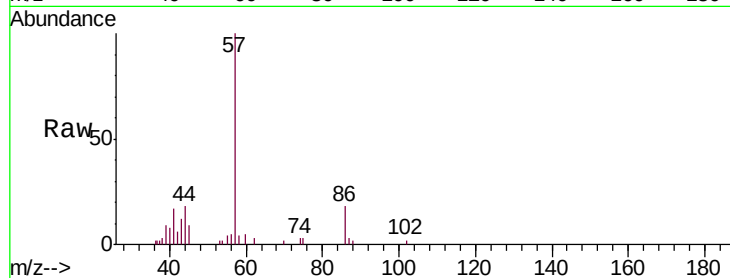




#49
 1,4-Dioxane
 Concen: 0.798 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. -0.00 min
 Lab File: VN057536.D
 Acq: 27 Aug 2019 2:18

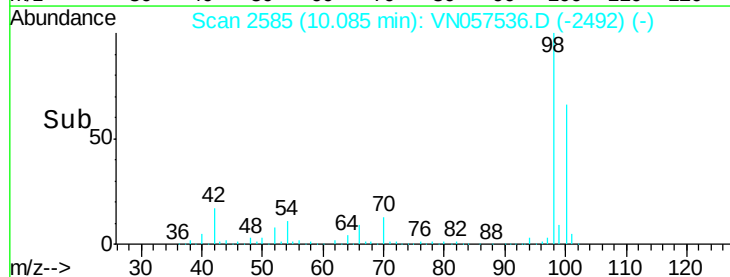
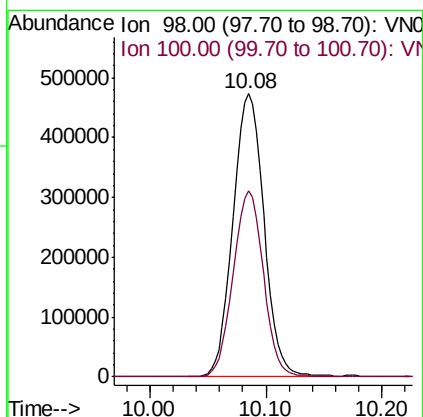
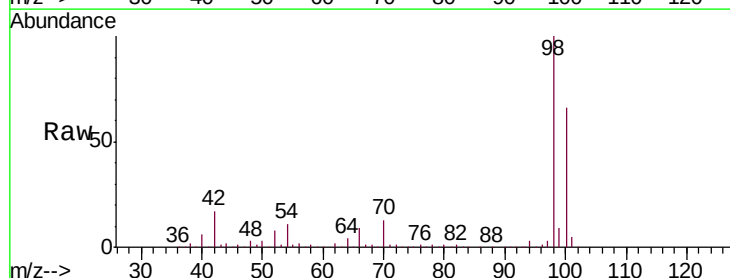
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-G2-(0)

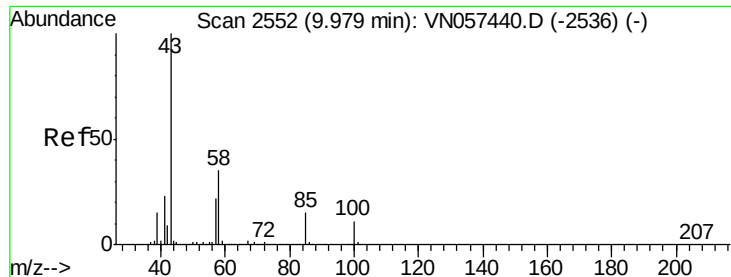
Tgt Ion: 88 Resp: 64
 Ion Ratio Lower Upper
 88 100
 43 0.0 31.0 46.6#
 58 2145.3 64.5 96.7#



#50
 Toluene-d8
 Concen: 48.800 ug/l
 RT: 10.08 min Scan# 2585
 Delta R.T. -0.00 min
 Lab File: VN057536.D
 Acq: 27 Aug 2019 2:18

Tgt Ion: 98 Resp: 877872
 Ion Ratio Lower Upper
 98 100
 100 64.2 50.4 75.6

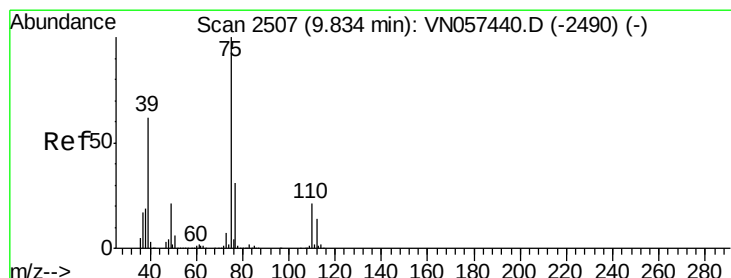
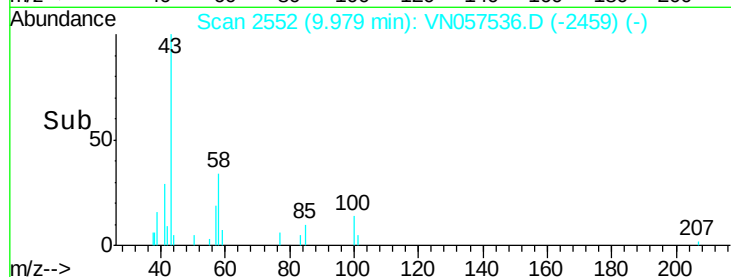
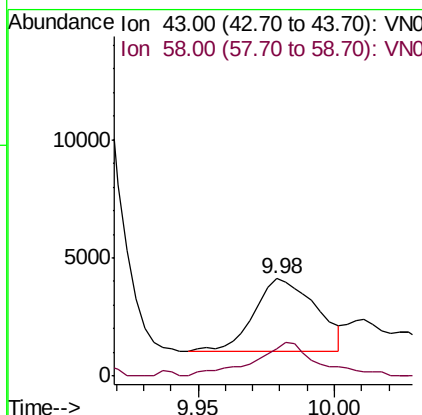
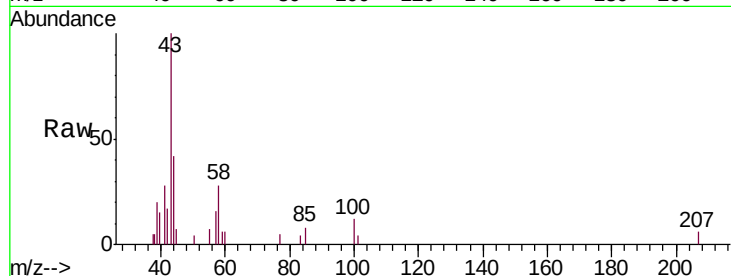




#51
 4-Methyl-2-Pentanone
 Concen: 0.673 ug/l
 RT: 9.98 min Scan# 2552
 Delta R.T. -0.00 min
 Lab File: VN057536.D
 Acq: 27 Aug 2019 2:18

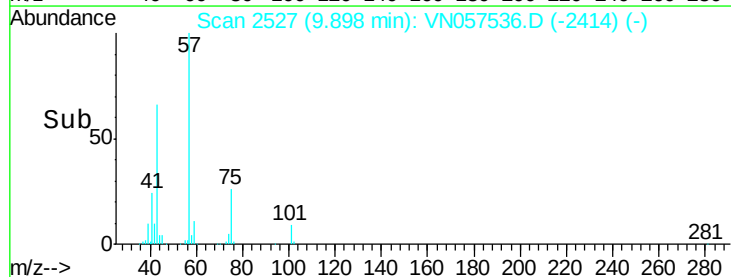
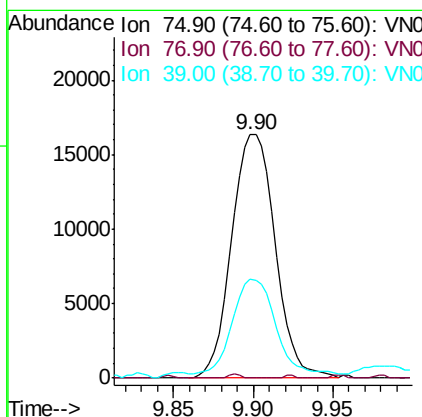
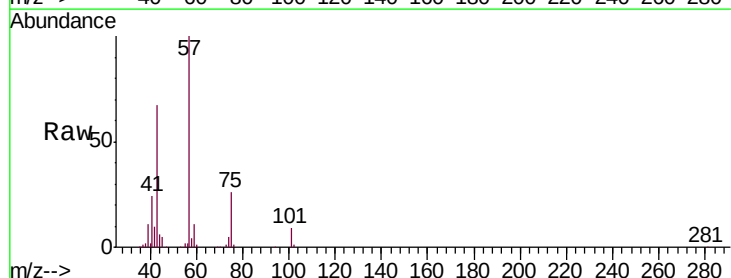
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-G2-(0)

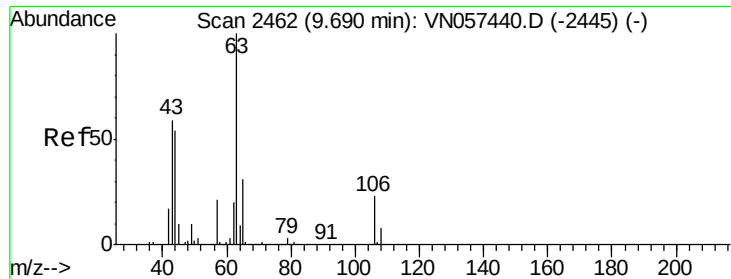
Tgt Ion: 43 Resp: 4892
 Ion Ratio Lower Upper
 43 100
 58 47.5 27.9 41.9#



#54
 cis-1,3-Dichloropropene
 Concen: 3.239 ug/l
 RT: 9.90 min Scan# 2527
 Delta R.T. 0.06 min
 Lab File: VN057536.D
 Acq: 27 Aug 2019 2:18

Tgt Ion: 75 Resp: 30316
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.0 37.6#
 39 39.2 49.2 73.8#

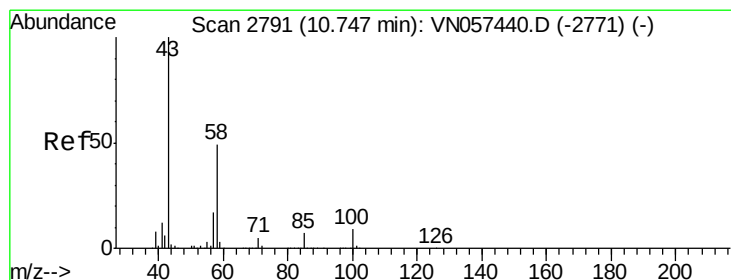
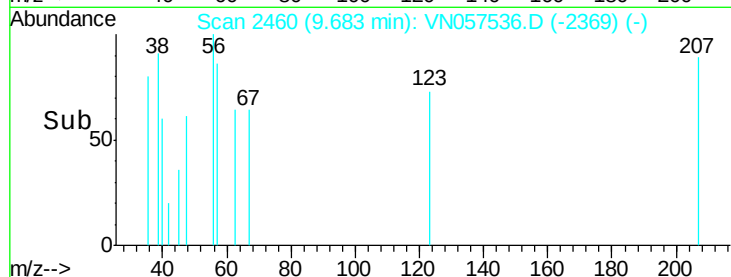
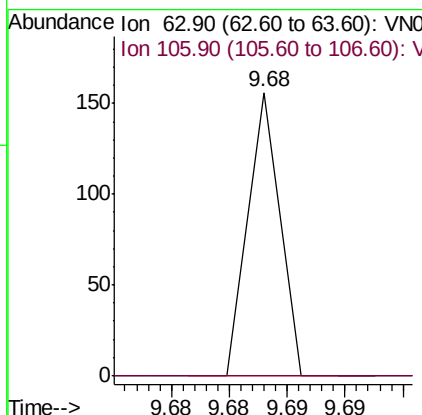
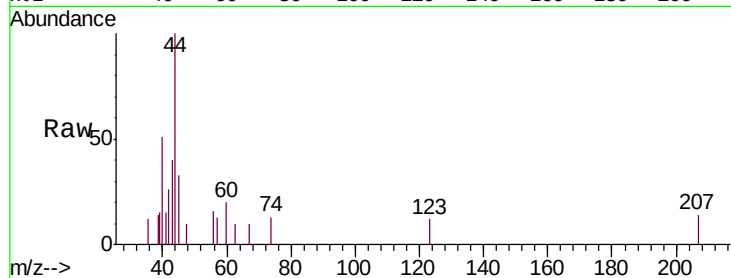




#58
 2-Chloroethyl Vinyl ether
 Concen: 17.077 ug/l
 RT: 9.68 min Scan# 2460
 Delta R.T. -0.01 min
 Lab File: VN057536.D
 Acq: 27 Aug 2019 2:18

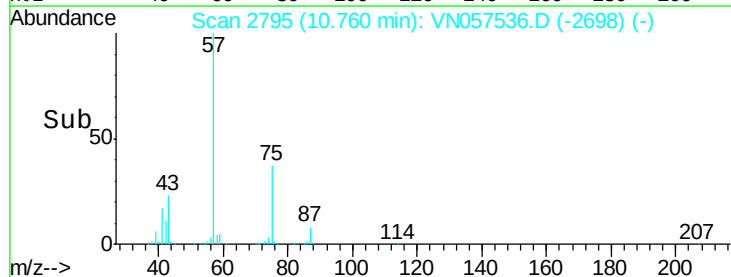
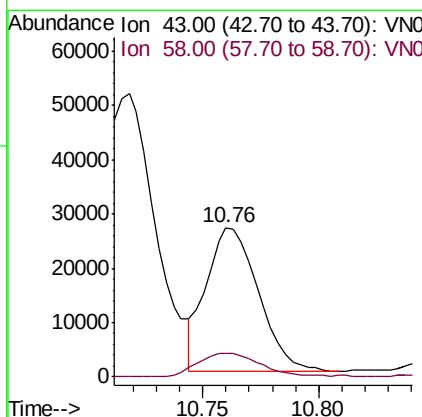
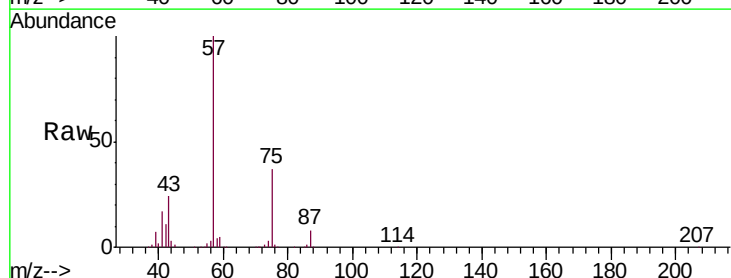
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-G2-(0)

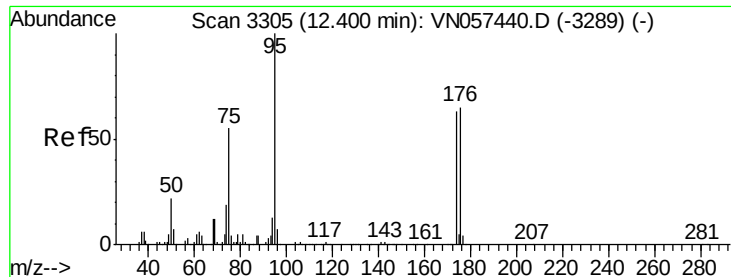
Tgt Ion: 63 Resp: 30
 Ion Ratio Lower Upper
 63 100
 106 0.0 18.6 27.8#



#59
 2-Hexanone
 Concen: 8.259 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.01 min
 Lab File: VN057536.D
 Acq: 27 Aug 2019 2:18

Tgt Ion: 43 Resp: 41167
 Ion Ratio Lower Upper
 43 100
 58 20.2 24.6 73.6#





#62

4-Bromofluorobenzene

Concen: 38.314 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057536.D

Acq: 27 Aug 2019 2:18

Instrument :

MSVOA_N

ClientSampled :

T9-12-13-G2-(0)

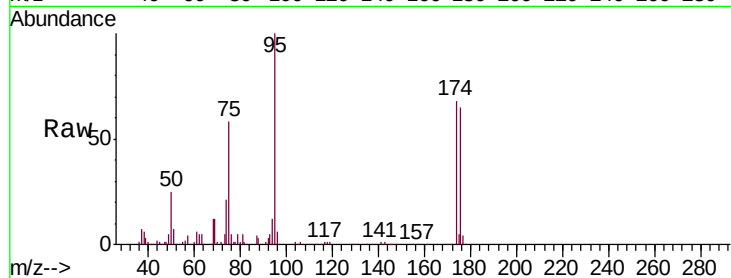
Tgt Ion: 95 Resp: 233569

Ion Ratio Lower Upper

95 100

174 67.1 0.0 133.0

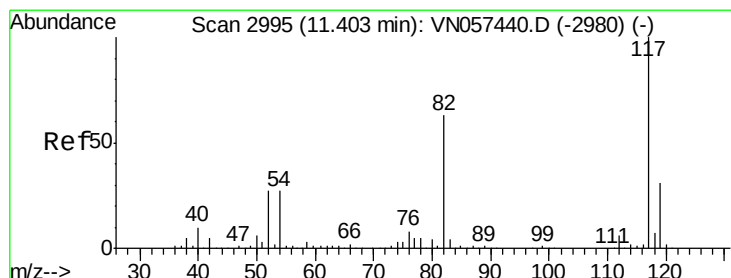
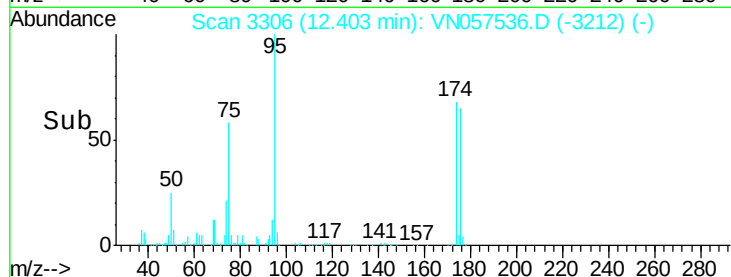
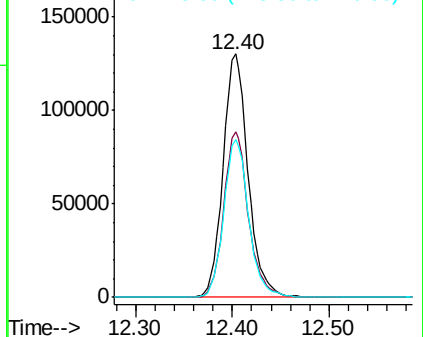
176 64.7 0.0 130.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057536.D

Acq: 27 Aug 2019 2:18

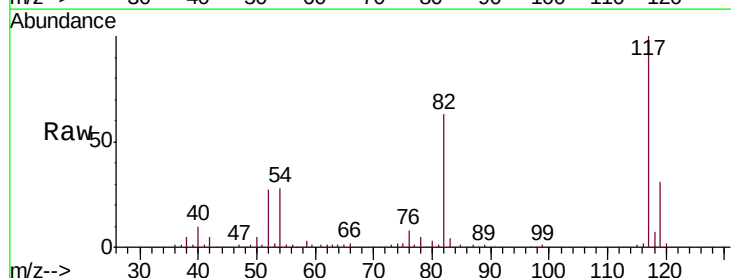
Tgt Ion: 117 Resp: 573402

Ion Ratio Lower Upper

117 100

82 63.4 50.6 75.8

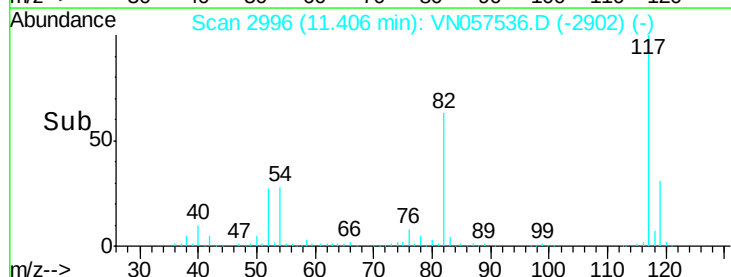
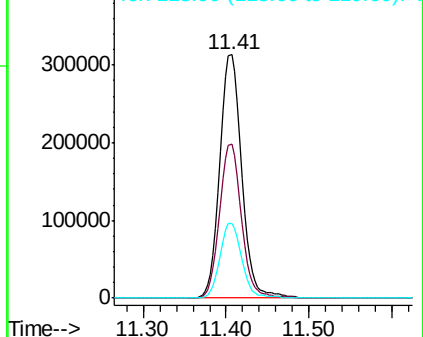
119 30.6 24.6 36.8

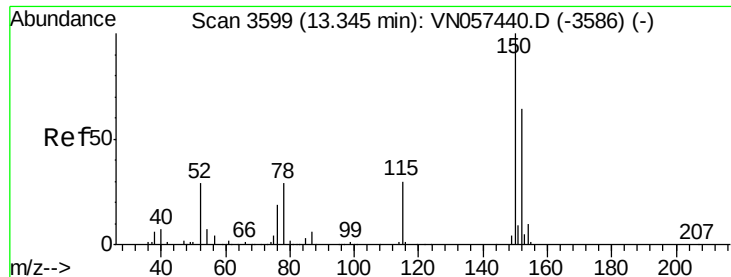


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057536.D

Acq: 27 Aug 2019 2:18

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-G2-(0)

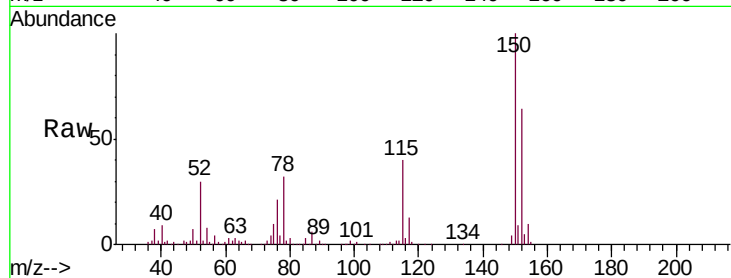
Tgt Ion:152 Resp: 139147

Ion Ratio Lower Upper

152 100

115 63.9 32.0 96.0

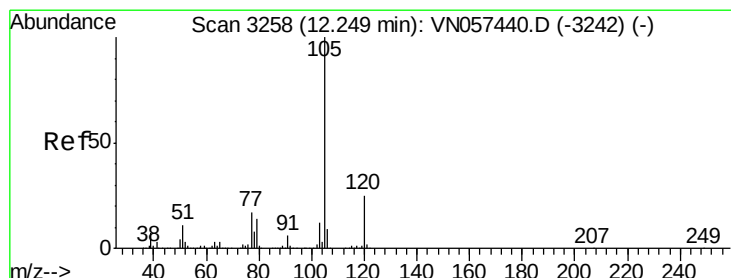
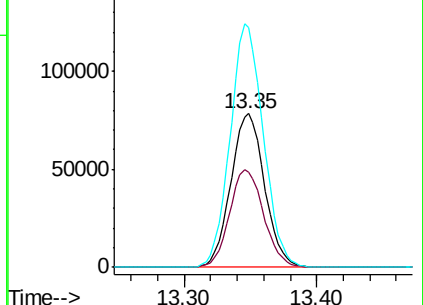
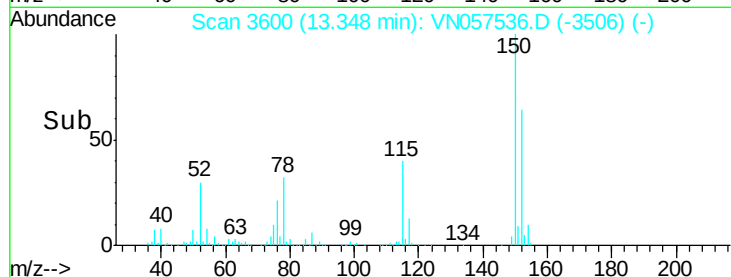
150 154.8 0.0 346.6



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: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN057536.D

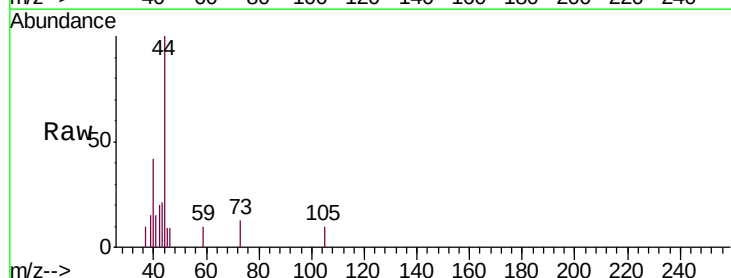
Acq: 27 Aug 2019 2:18

Tgt Ion:105 Resp: 31

Ion Ratio Lower Upper

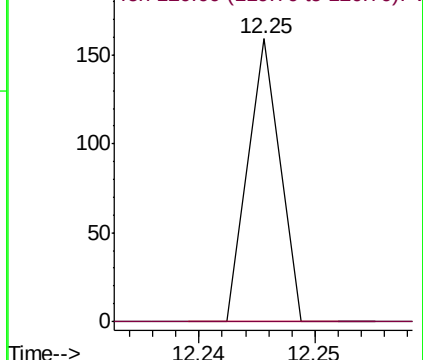
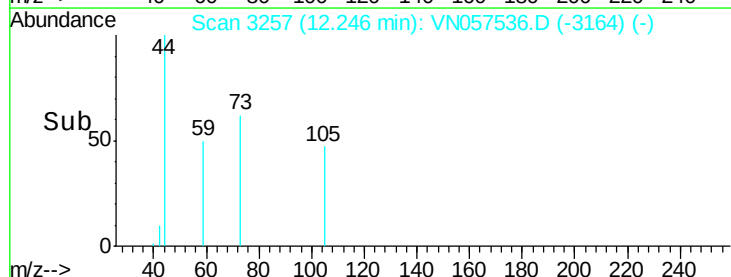
105 100

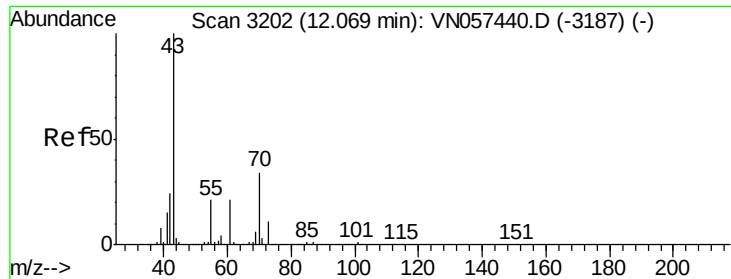
120 0.0 12.7 38.0#



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: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN057536.D

Acq: 27 Aug 2019 2:18

Instrument :

MSVOA_N

ClientSampled :

T9-12-13-G2-(0)

Tgt Ion: 43 Resp: 1821

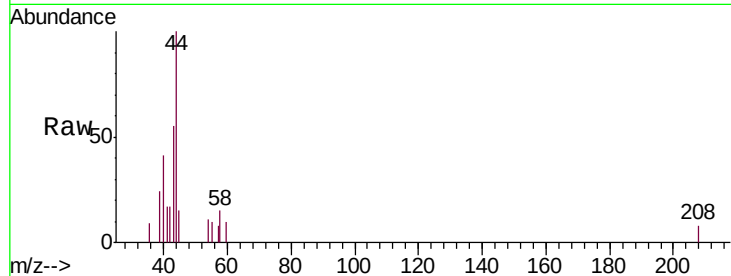
Ion Ratio Lower Upper

43 100

70 0.0 27.8 41.6#

55 9.3 17.0 25.4#

61 0.0 17.0 25.6#

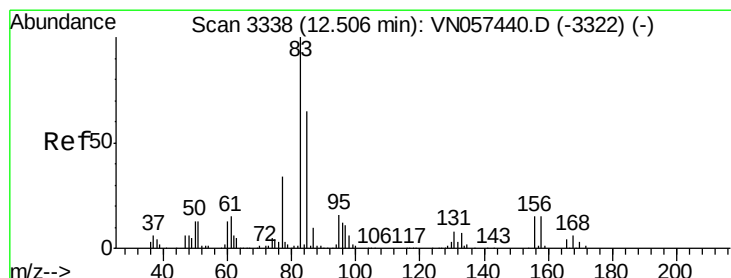
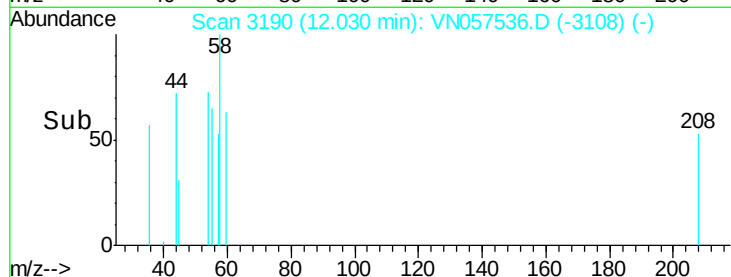
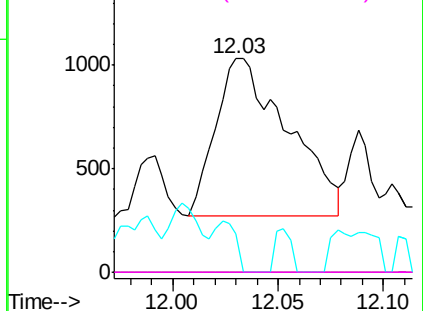


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 12.50 min Scan# 3335

Delta R.T. -0.01 min

Lab File: VN057536.D

Acq: 27 Aug 2019 2:18

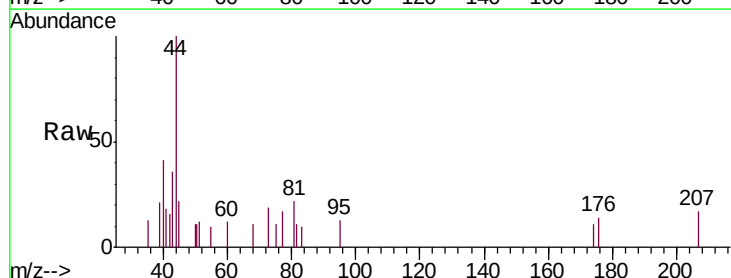
Tgt Ion: 83 Resp: 29

Ion Ratio Lower Upper

83 100

131 0.0 4.3 13.1#

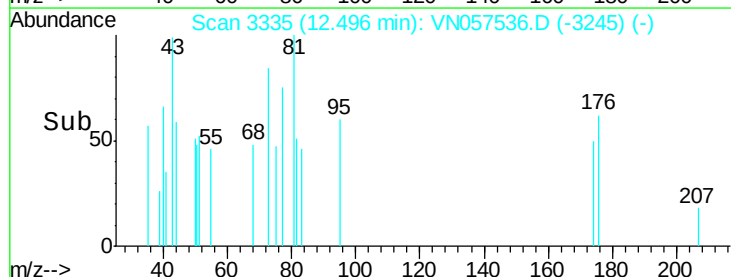
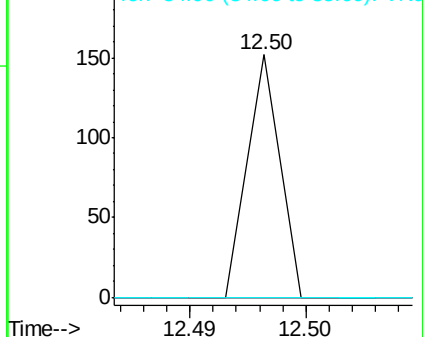
85 0.0 32.3 96.8#

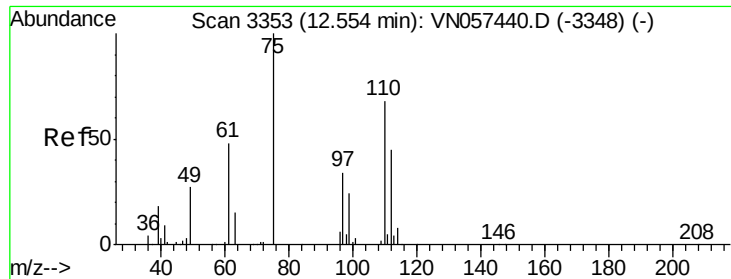


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 43.127 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057536.D

Acq: 27 Aug 2019 2:18

Instrument :

MSVOA_N

ClientSampled :

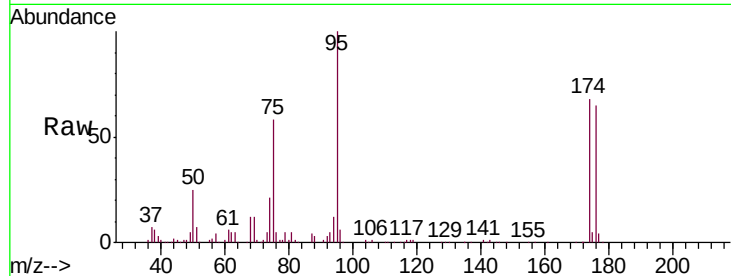
T9-12-13-G2-(0)

Tgt Ion: 75 Resp: 134410

Ion Ratio Lower Upper

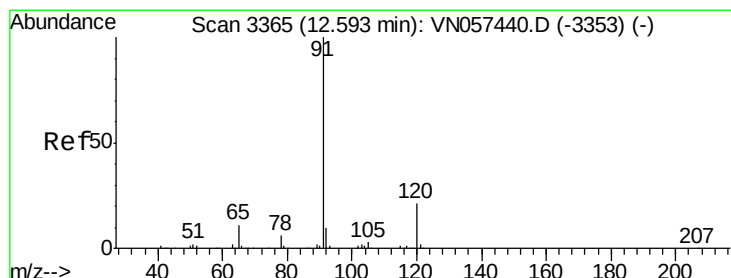
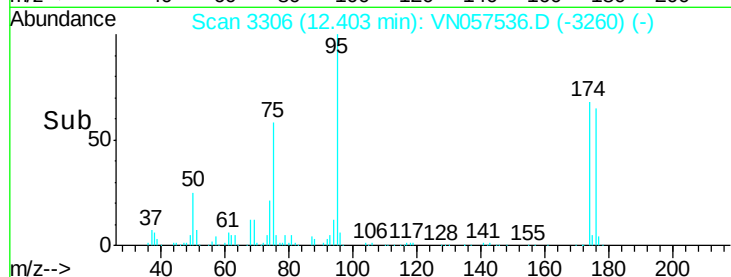
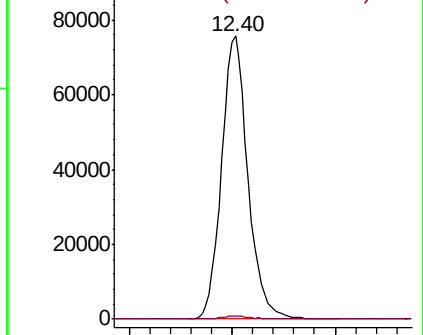
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: Below Cal

RT: 12.60 min Scan# 3367

Delta R.T. 0.01 min

Lab File: VN057536.D

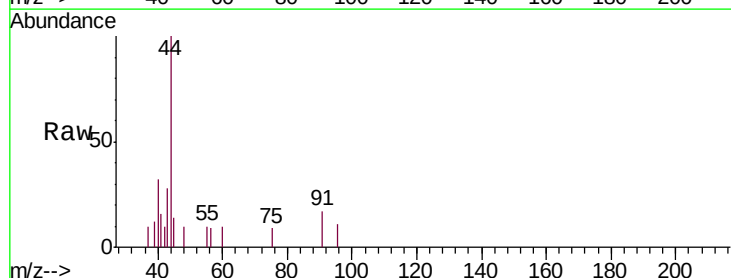
Acq: 27 Aug 2019 2:18

Tgt Ion: 91 Resp: 264

Ion Ratio Lower Upper

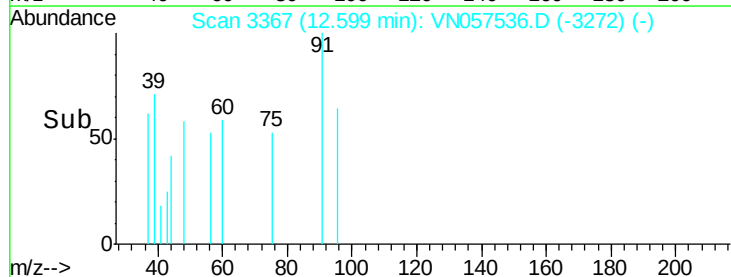
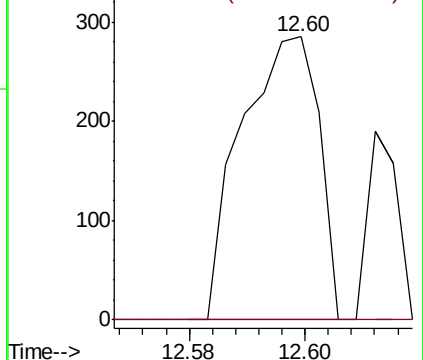
91 100

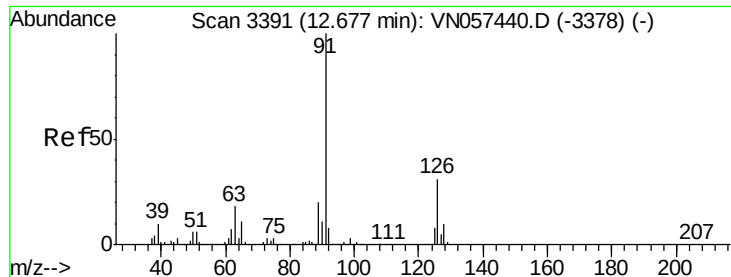
120 0.0 10.7 32.1#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

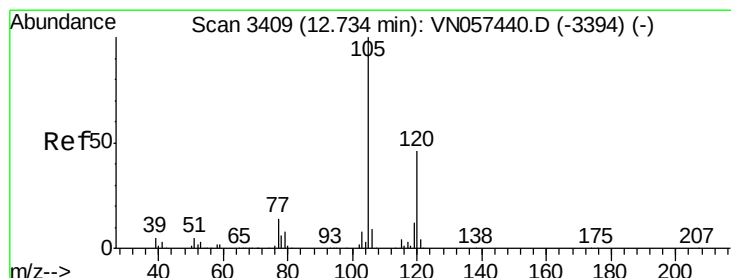
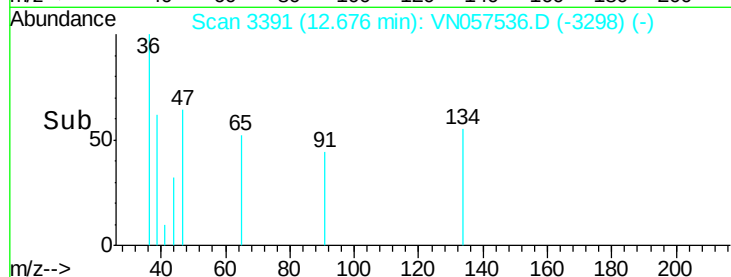
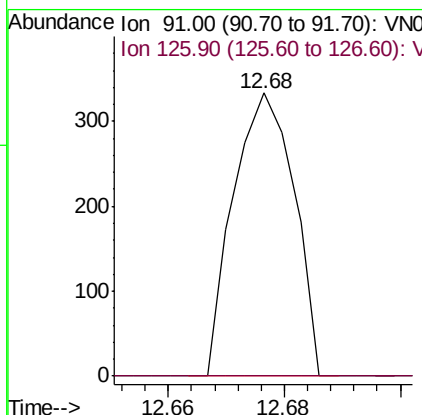
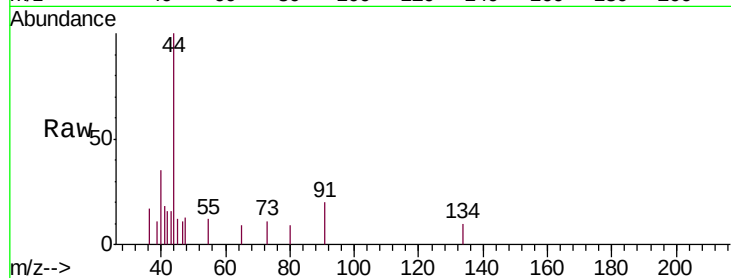




#79
 2-Chlorotoluene
 Concen: Below Cal
 RT: 12.68 min Scan# 3391
 Delta R.T. 0.00 min
 Lab File: VN057536.D
 Acq: 27 Aug 2019 2:18

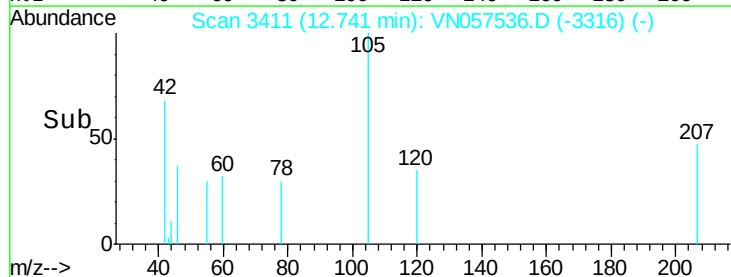
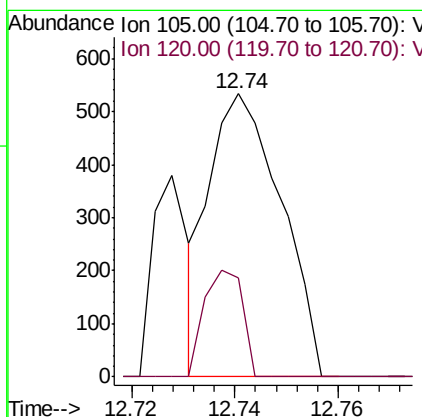
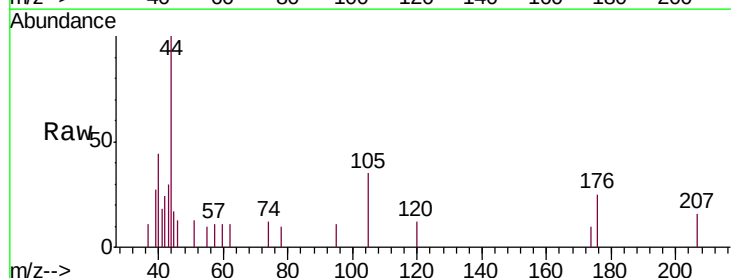
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-G2-(0)

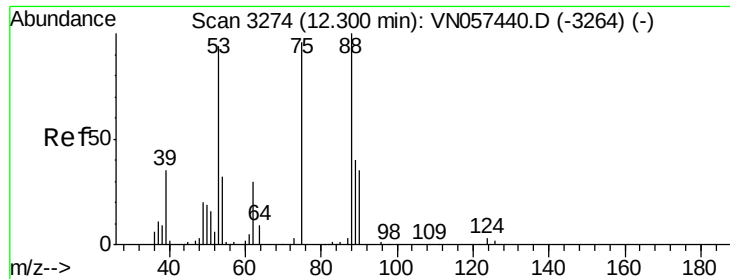
Tgt Ion: 91 Resp: 241
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.3 45.8#



#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.74 min Scan# 3411
 Delta R.T. 0.01 min
 Lab File: VN057536.D
 Acq: 27 Aug 2019 2:18

Tgt Ion: 105 Resp: 514
 Ion Ratio Lower Upper
 105 100
 120 20.2 23.3 69.8#





#81

trans-1,4-Dichloro-2-butene

Concen: 110.821 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN057536.D

Acq: 27 Aug 2019 2:18

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-G2-(0)

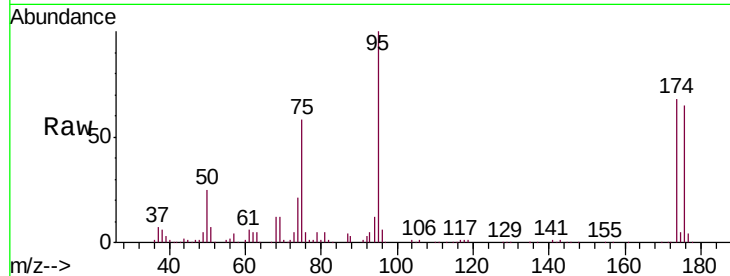
Tgt Ion: 75 Resp: 134410

Ion Ratio Lower Upper

75 100

53 0.1 82.7 124.1#

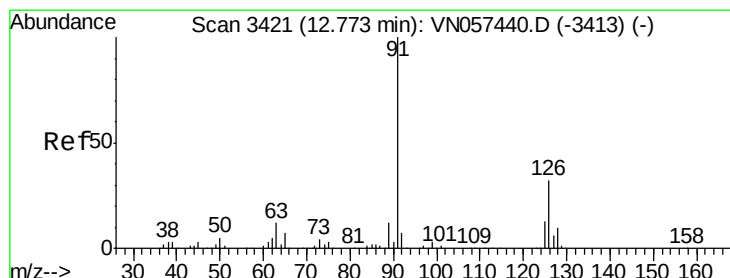
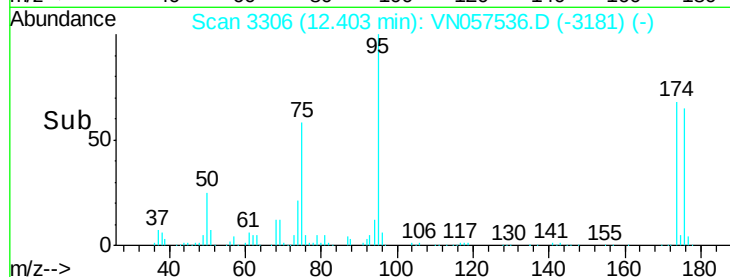
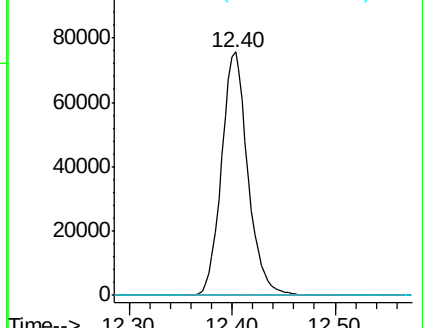
89 0.0 35.8 53.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: Below Cal

RT: 12.81 min Scan# 3431

Delta R.T. 0.03 min

Lab File: VN057536.D

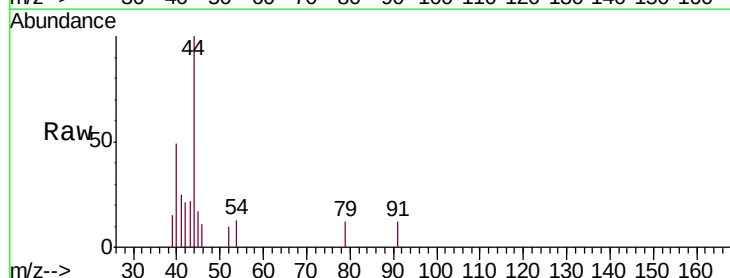
Acq: 27 Aug 2019 2:18

Tgt Ion: 91 Resp: 70

Ion Ratio Lower Upper

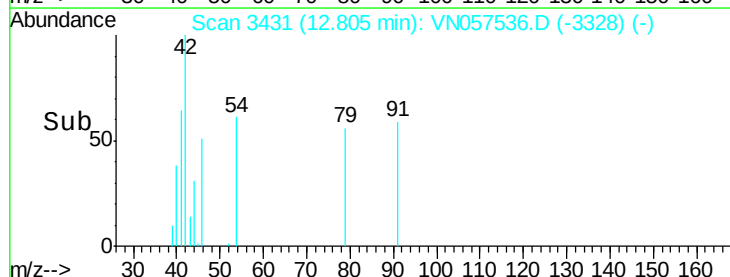
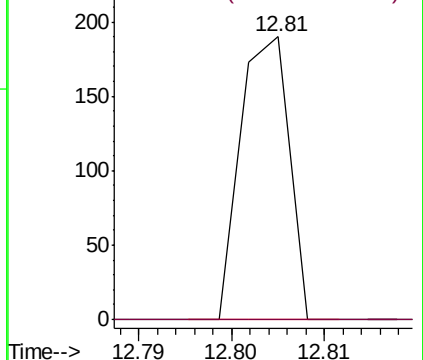
91 100

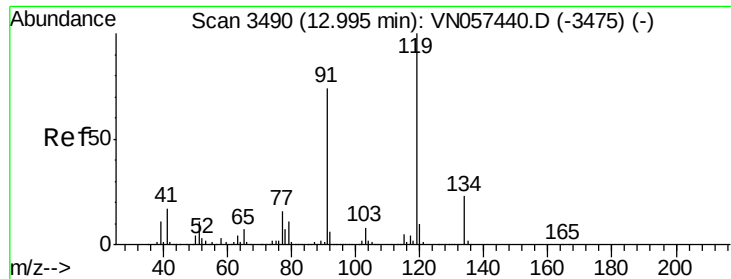
126 0.0 15.0 45.0#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

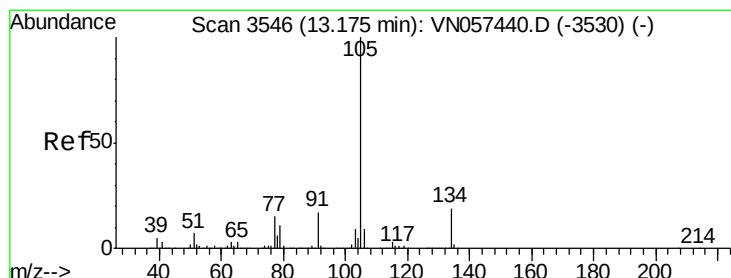
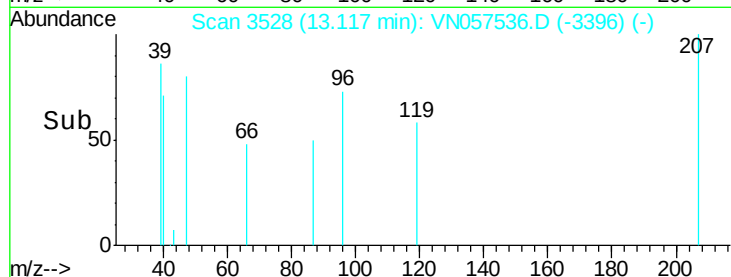
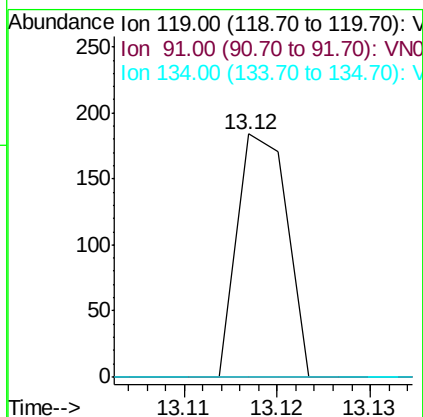
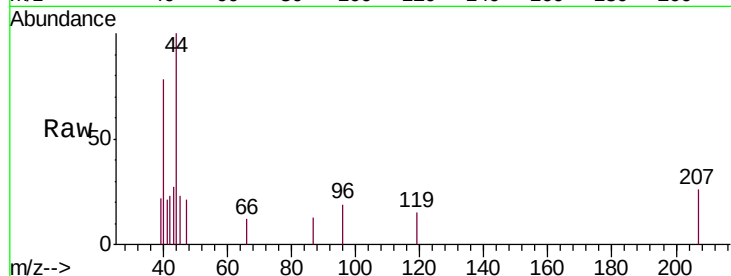




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 13.12 min Scan# 3528
 Delta R.T. 0.12 min
 Lab File: VN057536.D
 Acq: 27 Aug 2019 2:18

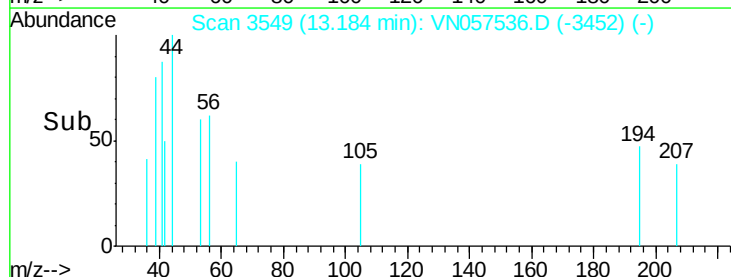
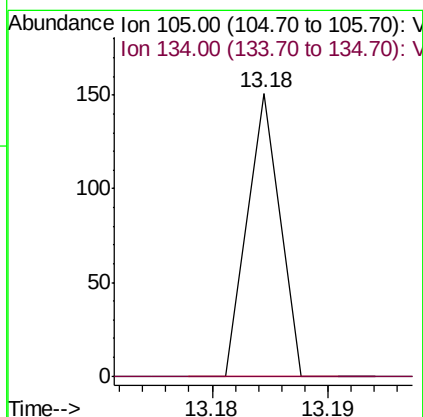
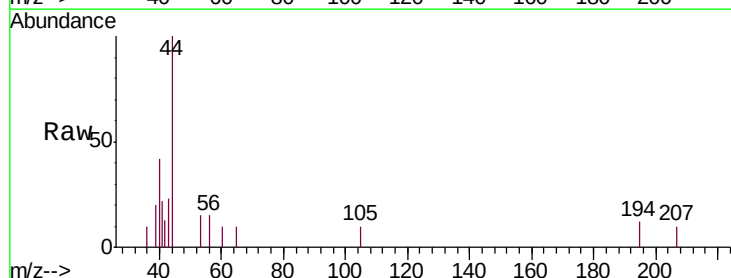
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-G2-(0)

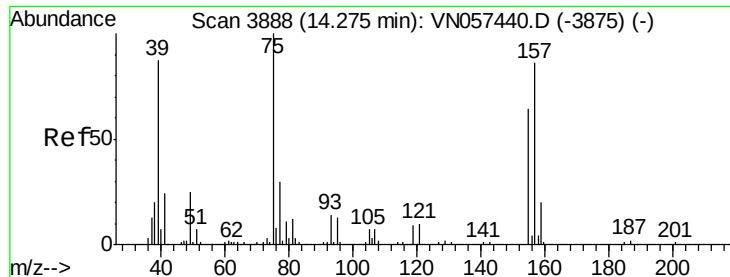
Tgt Ion:119 Resp: 68
 Ion Ratio Lower Upper
 119 100
 91 0.0 37.0 111.0#
 134 0.0 12.2 36.6#



#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 13.18 min Scan# 3549
 Delta R.T. 0.01 min
 Lab File: VN057536.D
 Acq: 27 Aug 2019 2:18

Tgt Ion:105 Resp: 29
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.3 27.9#





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.26 min Scan# 3883

Delta R.T. -0.02 min

Lab File: VN057536.D

Acq: 27 Aug 2019 2:18

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-G2-(0)

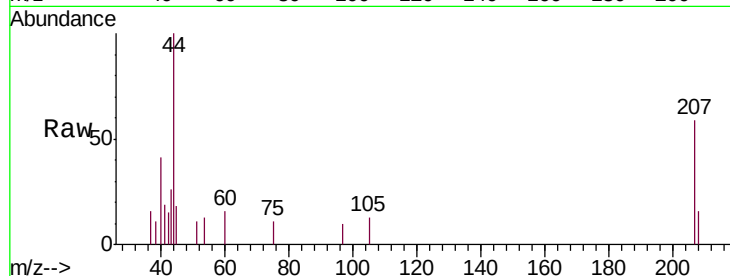
Tgt Ion: 75 Resp: 63

Ion Ratio Lower Upper

75 100

155 0.0 31.6 94.7#

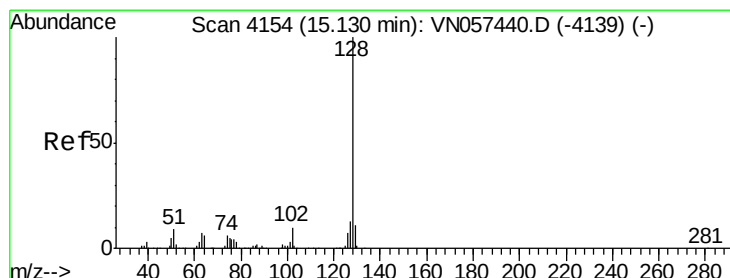
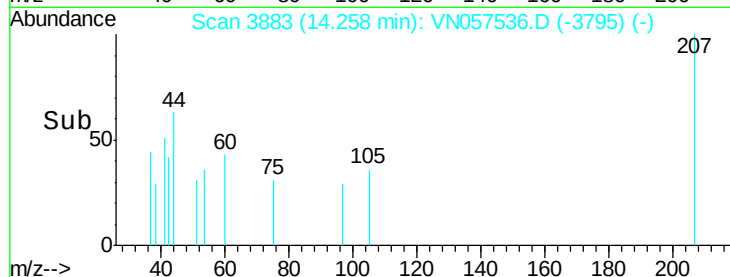
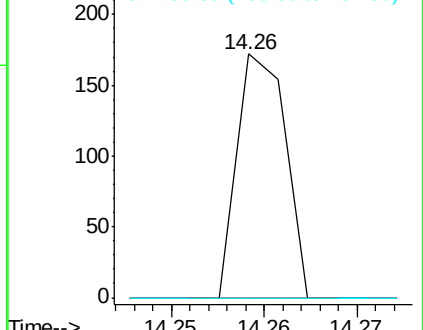
157 0.0 43.3 129.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#95

Naphthalene

Concen: 4.361 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN057536.D

Acq: 27 Aug 2019 2:18

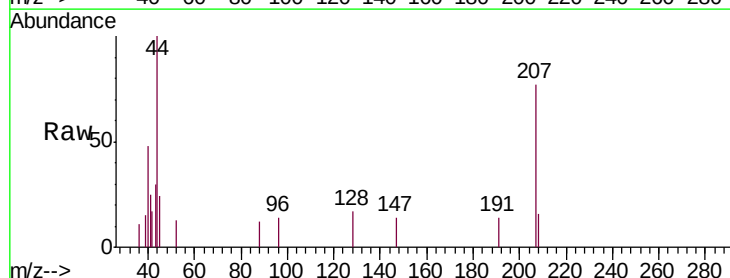
Tgt Ion: 128 Resp: 132

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

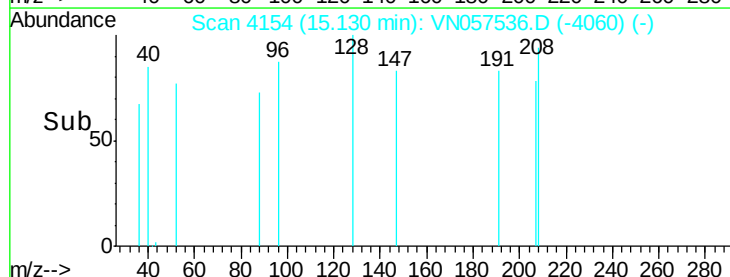
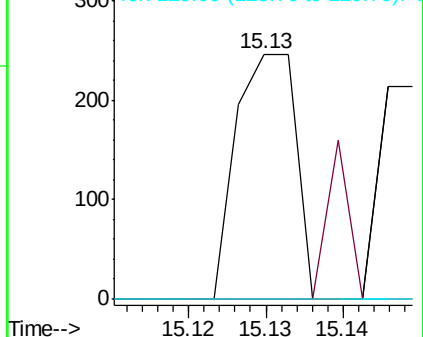
129 0.0 8.6 13.0#

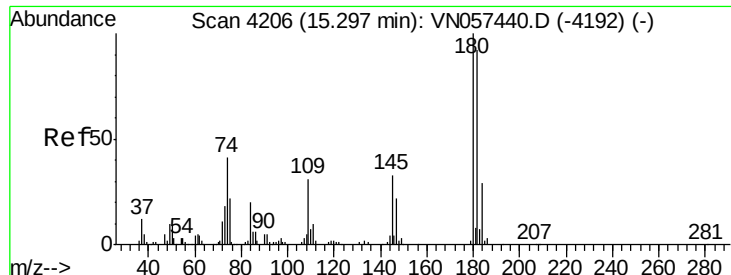


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 5.132 ug/l

RT: 15.29 min Scan# 4204

Delta R.T. -0.01 min

Lab File: VN057536.D

Acq: 27 Aug 2019 2:18

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-G2-(0)

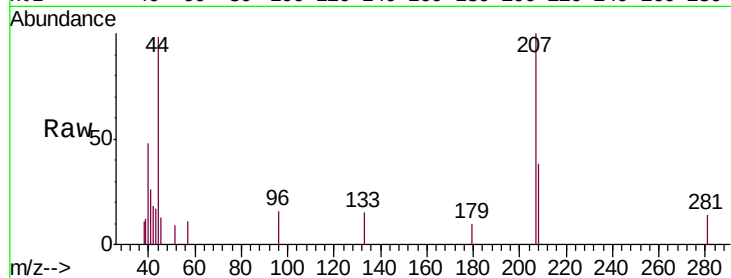
Tgt Ion:180 Resp: 33

Ion Ratio Lower Upper

180 100

182 0.0 46.7 140.1#

145 0.0 16.8 50.3#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

