

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082619\
 Data File : VN057538.D
 Acq On : 27 Aug 2019 3:09
 Operator : JC/SP
 Sample : K4493-43
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-G4-(0)

Quant Time: Aug 27 07:22:51 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

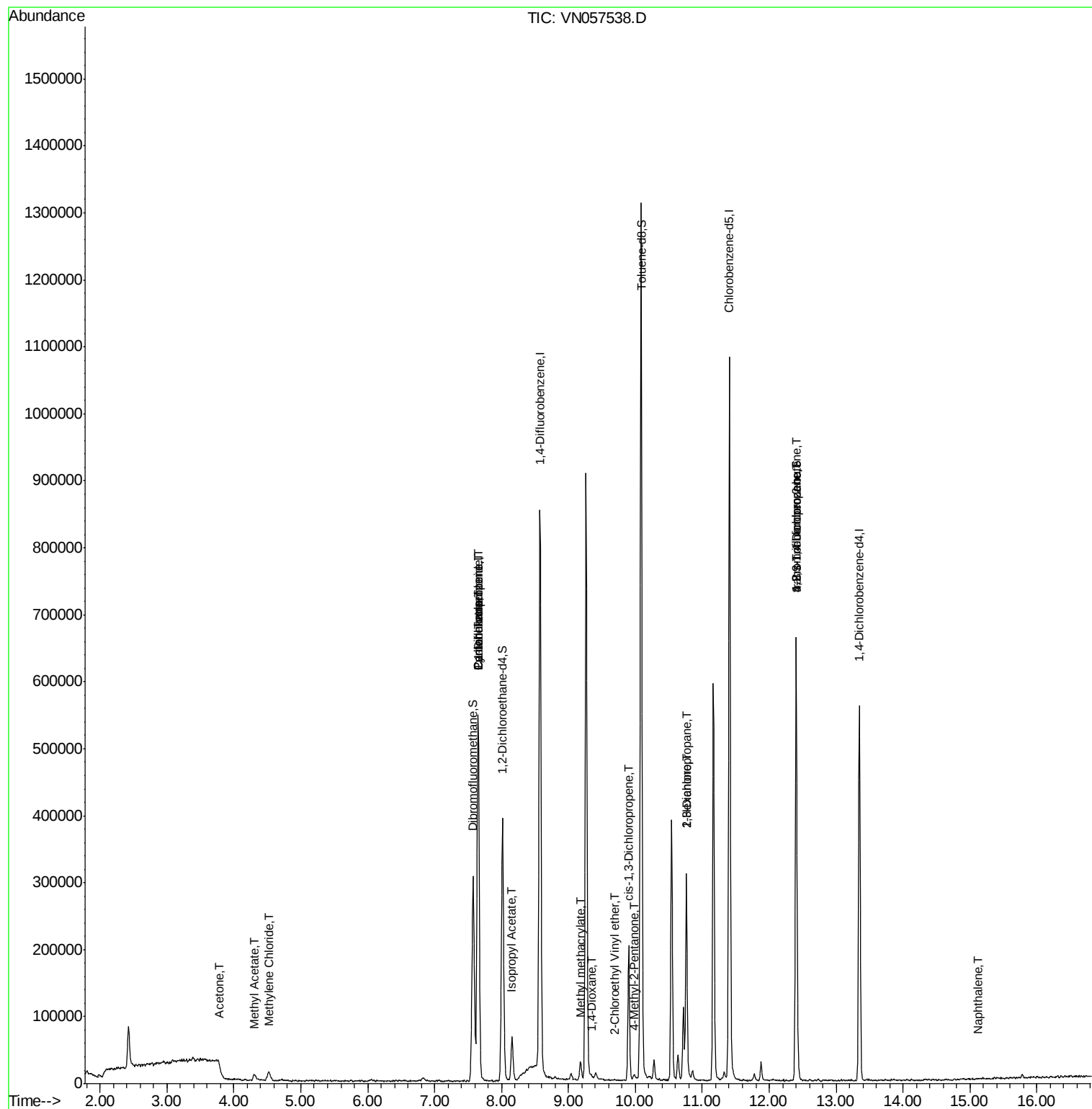
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	393766	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	683866	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	564168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	134958	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	333131	48.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.18%	
35) Dibromofluoromethane	7.57	113	218043	47.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.40%	
50) Toluene-d8	10.08	98	871028	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
62) 4-Bromofluorobenzene	12.40	95	230214	38.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.78%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.65	74	311	Below Cal		79
9) 1,1,2-Trichlorotrifluoroet	3.72	101	79	Below Cal	#	41
16) Acetone	3.79	43	16411	5.159	ug/l	94
18) Methyl Acetate	4.31	43	18031	1.705	ug/l #	90
20) Methylene Chloride	4.53	84	8616	1.755	ug/l	92
31) Cyclohexane	7.65	56	13418	1.379	ug/l #	13
36) 1,1-Dichloropropene	7.65	75	39296	5.624	ug/l #	51
38) Carbon Tetrachloride	7.65	117	41802	6.022	ug/l #	15
43) Isopropyl Acetate	8.16	43	77906	6.153	ug/l	99
46) Dibromomethane	9.30	93	65	Below Cal	#	10
48) Methyl methacrylate	9.18	41	5289	0.879	ug/l #	37
49) 1,4-Dioxane	9.35	88	64	0.822	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	6382	0.904	ug/l	93
54) cis-1,3-Dichloropropene	9.90	75	31461	3.462	ug/l #	65
57) 1,3-Dichloropropane	10.76	76	3381	0.397	ug/l #	46
58) 2-Chloroethyl Vinyl ether	9.69	63	30	17.078	ug/l #	52
59) 2-Hexanone	10.76	43	46422	9.592	ug/l #	57
73) Isopropylbenzene	12.37	105	29	Below Cal	#	50
74) N-amyl acetate	12.04	43	277	Below Cal	#	51
75) 1,1,2,2-Tetrachloroethane	12.41	83	232	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	134691	44.693	ug/l #	100
78) n-propylbenzene	12.59	91	67	Below Cal	#	55
79) 2-Chlorotoluene	12.59	91	67	Below Cal	#	44
80) 1,3,5-Trimethylbenzene	12.73	105	694	Below Cal	#	30
81) trans-1,4-Dichloro-2-buten	12.40	75	134691	114.607	ug/l #	8
82) 4-Chlorotoluene	12.77	91	29	Below Cal	#	45
85) sec-Butylbenzene	13.17	105	161	Below Cal	#	58
92) 1,2-Dibromo-3-Chloropropan	14.26	75	60	Below Cal	#	11
95) Naphthalene	15.13	128	101	4.357	ug/l #	69

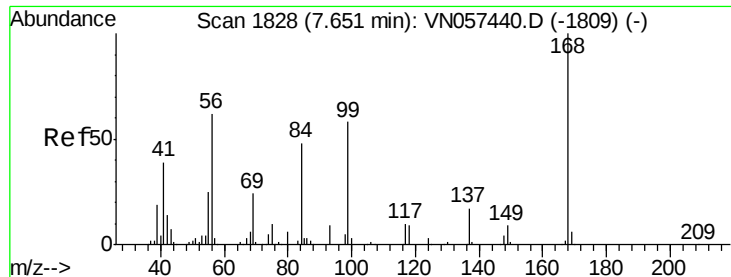
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN057538.D

Acq: 27 Aug 2019 3:09

Instrument :

MSVOA_N

ClientSampleId :

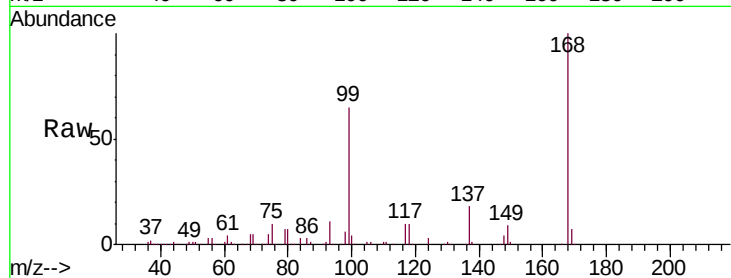
T9-12-13-G4-(0)

Tgt Ion:168 Resp: 393766

Ion Ratio Lower Upper

168 100

99 65.1 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

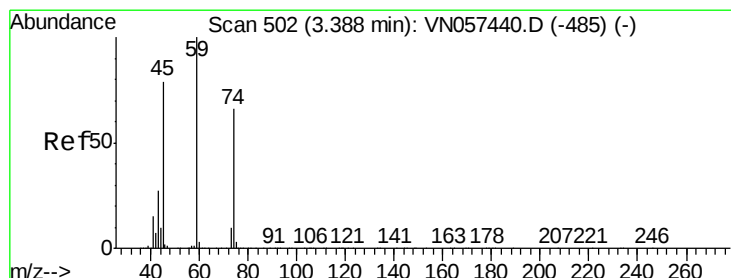
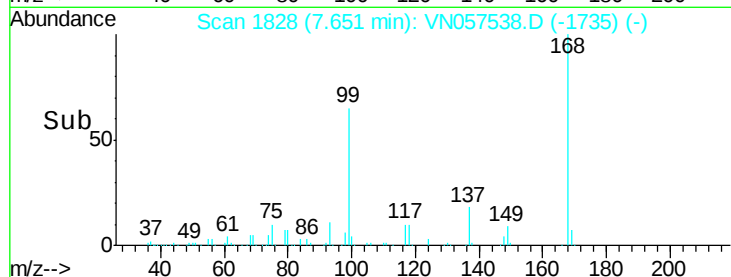
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: Below Cal

RT: 3.65 min Scan# 585

Delta R.T. 0.27 min

Lab File: VN057538.D

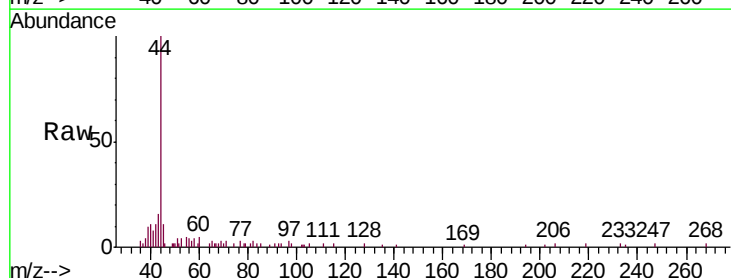
Acq: 27 Aug 2019 3:09

Tgt Ion: 74 Resp: 311

Ion Ratio Lower Upper

74 100

45 93.2 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) (-)

2000

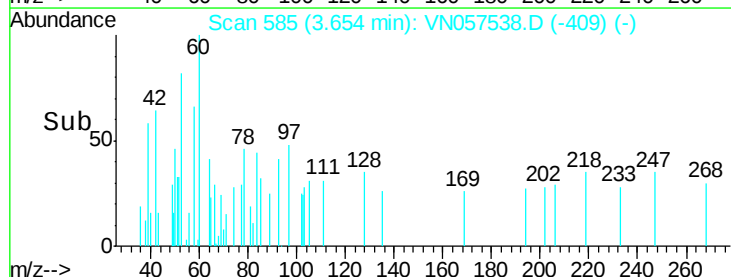
1500

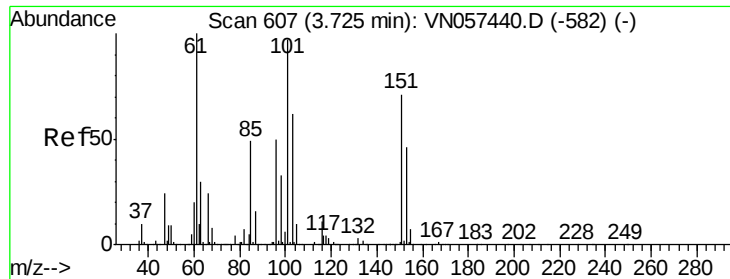
1000

500

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: Below Cal

RT: 3.72 min Scan# 605

Delta R.T. -0.01 min

Lab File: VN057538.D

Acq: 27 Aug 2019 3:09

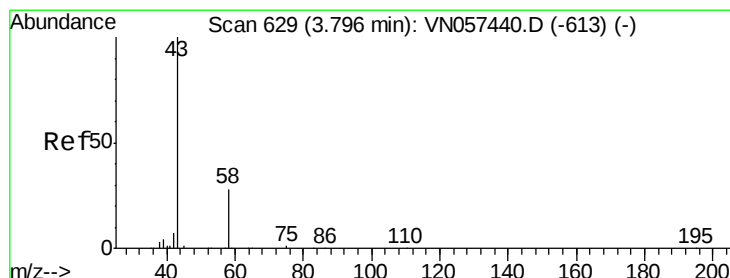
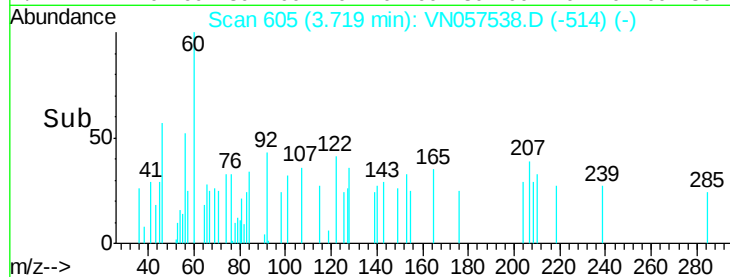
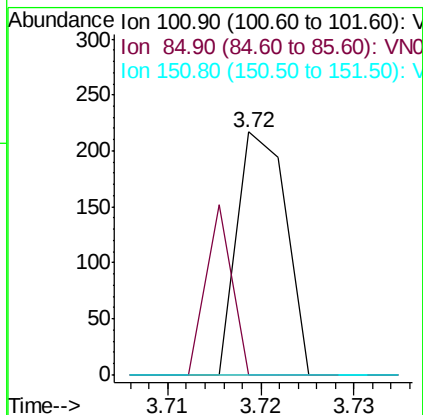
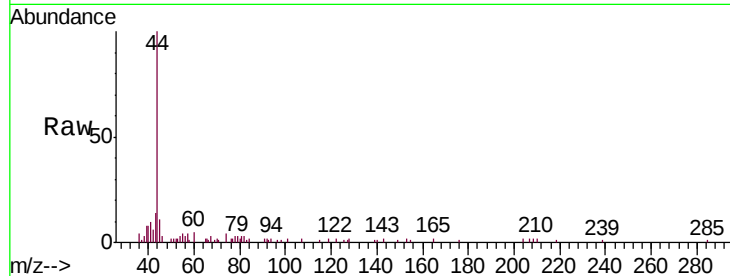
Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-G4-(0)

Tgt Ion:	101	Resp:	79
Ion	Ratio	Lower	Upper
101	100		
85	36.7	40.0	60.0#
151	0.0	57.0	85.6#



#16

Acetone

Concen: 5.159 ug/l

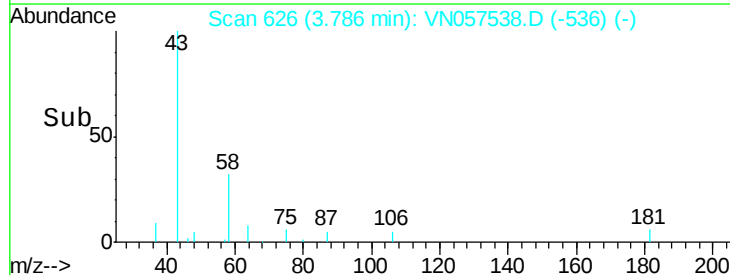
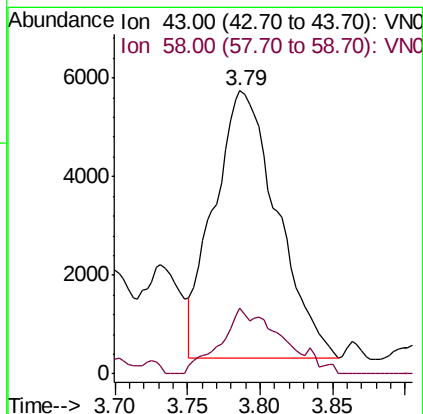
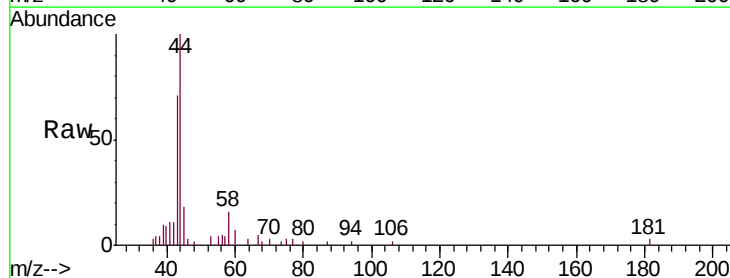
RT: 3.79 min Scan# 626

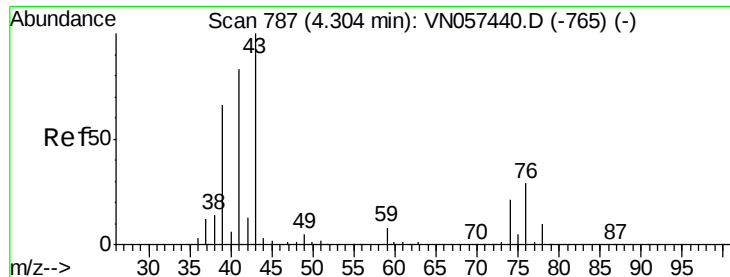
Delta R.T. -0.01 min

Lab File: VN057538.D

Acq: 27 Aug 2019 3:09

Tgt Ion:	43	Resp:	16411
Ion	Ratio	Lower	Upper
43	100		
58	24.4	22.1	33.1





#18

Methyl Acetate

Concen: 1.705 ug/l

RT: 4.31 min Scan# 789

Delta R.T. 0.01 min

Lab File: VN057538.D

Acq: 27 Aug 2019 3:09

Instrument :

MSVOA_N

ClientSampleId :

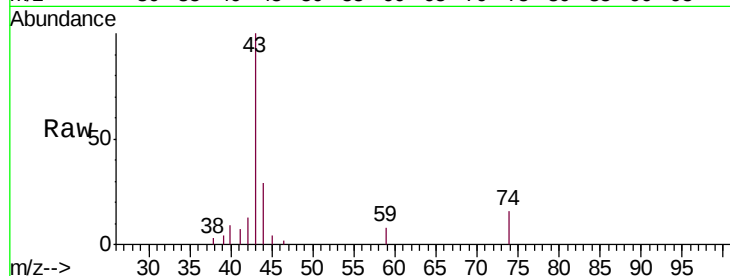
T9-12-13-G4-(0)

Tgt Ion: 43 Resp: 18031

Ion Ratio Lower Upper

43 100

74 15.2 15.9 23.9#



Abundance Ion 43.00 (42.70 to 43.70): VN057538.D (-693) (-)

Ion 74.00 (73.70 to 74.70): VN057538.D (-693) (-)

4.31

6000

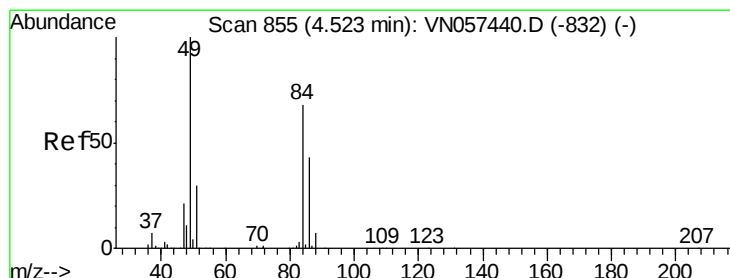
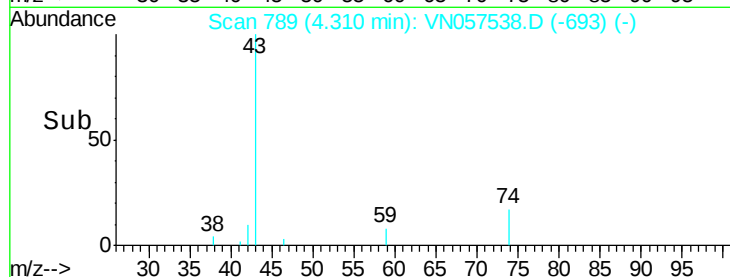
4000

2000

0

4.20 4.25 4.30 4.35 4.40

Time-->



#20

Methylene Chloride

Concen: 1.755 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN057538.D

Acq: 27 Aug 2019 3:09

Tgt Ion: 84 Resp: 8616

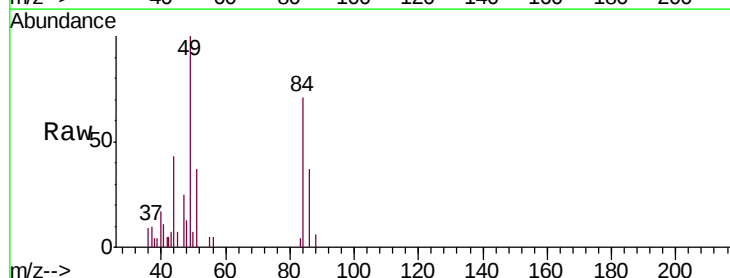
Ion Ratio Lower Upper

84 100

49 140.6 117.0 175.4

51 51.9 35.5 53.3

86 51.4 49.8 74.8



Abundance Ion 83.90 (83.60 to 84.60): VN057538.D (-762) (-)

Ion 48.90 (48.60 to 49.60): VN057538.D (-762) (-)

Ion 50.90 (50.60 to 51.60): VN057538.D (-762) (-)

Ion 85.90 (85.60 to 86.60): VN057538.D (-762) (-)

4.53

6000

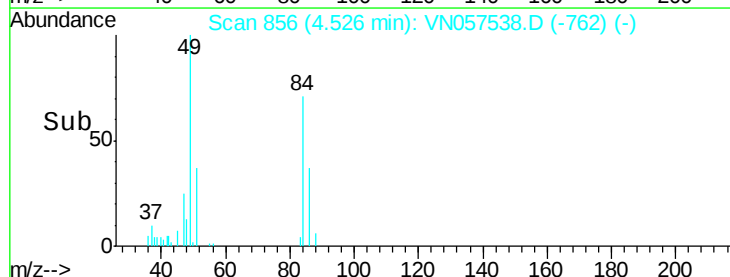
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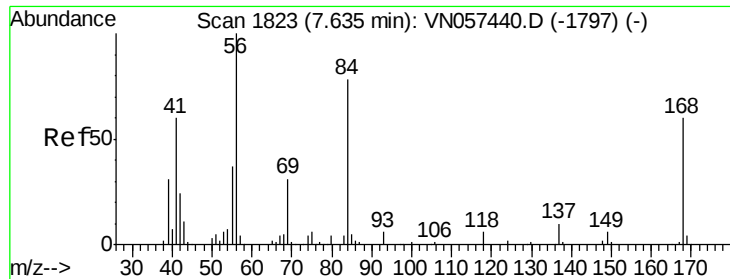
2000

0

4.45 4.50 4.55

Time-->

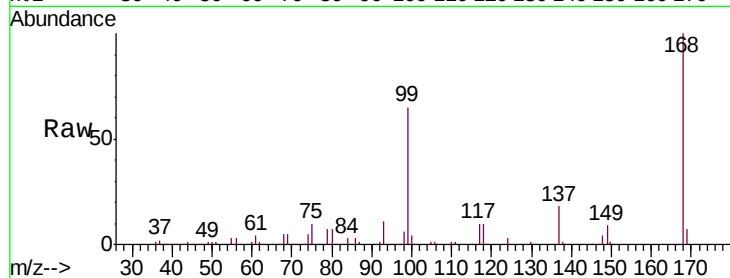




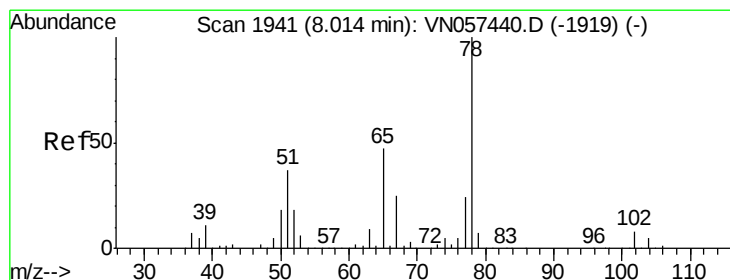
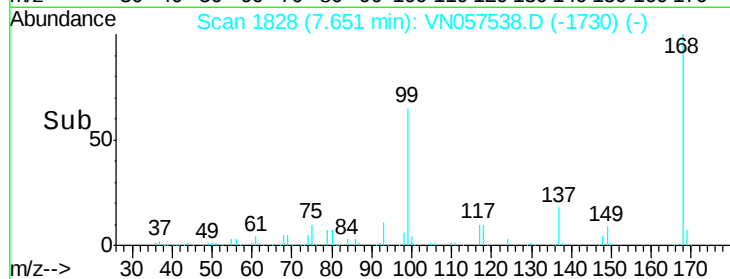
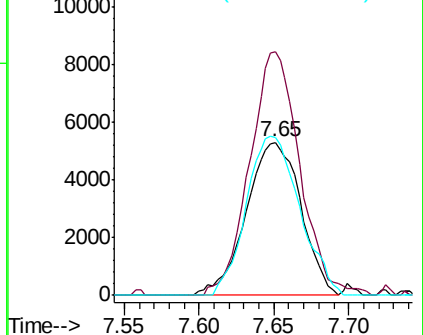
#31
Cyclohexane
Concen: 1.379 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.02 min
Lab File: VN057538.D
Acq: 27 Aug 2019 3:09

Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-G4-(0)

Tgt Ion: 56 Resp: 13418
Ion Ratio Lower Upper
56 100
69 159.3 25.0 37.6#
84 103.4 62.5 93.7#

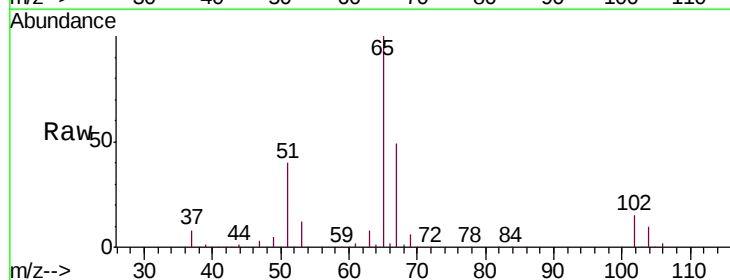


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

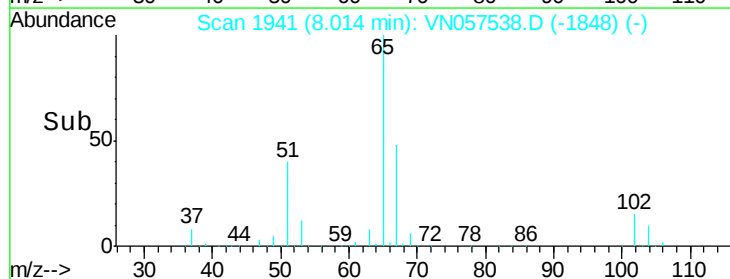
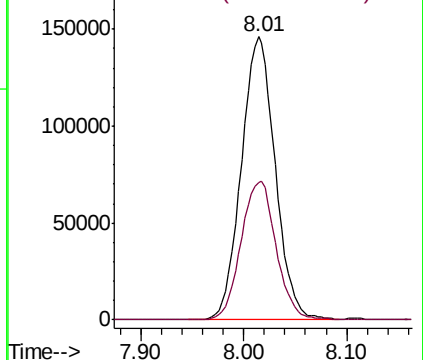


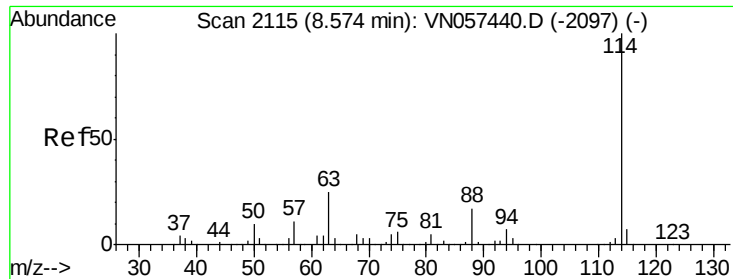
#33
1,2-Dichloroethane-d4
Concen: 48.093 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VN057538.D
Acq: 27 Aug 2019 3:09

Tgt Ion: 65 Resp: 333131
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.8



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

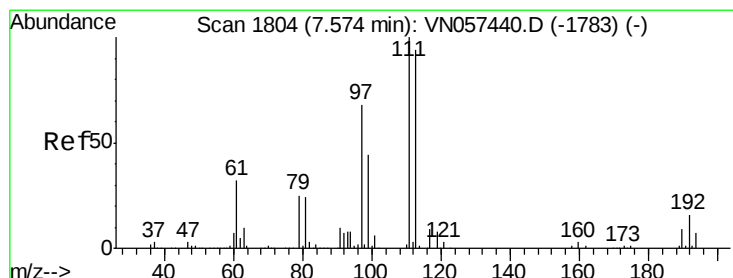
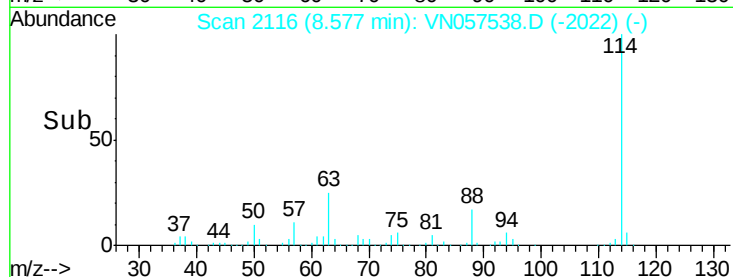
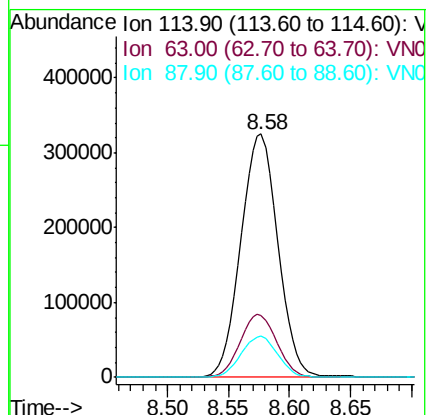
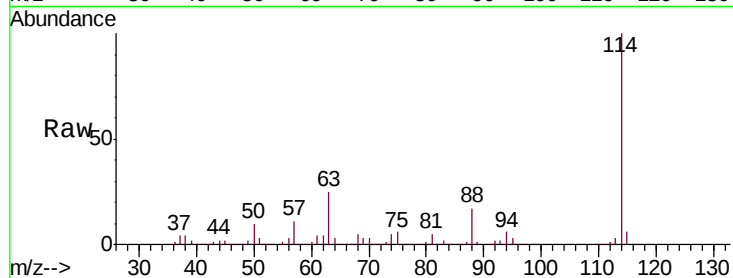




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057538.D
 Acq: 27 Aug 2019 3:09

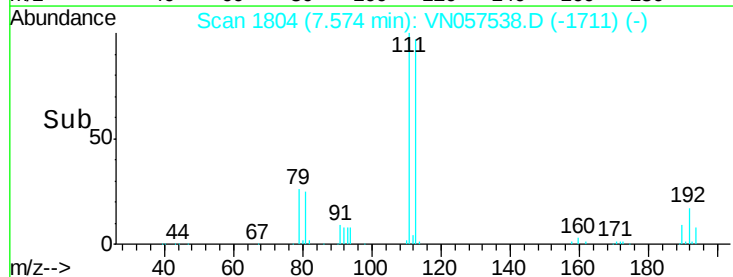
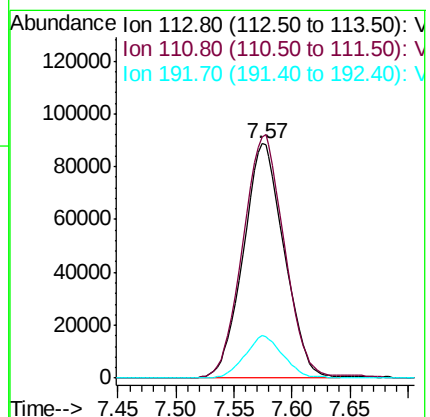
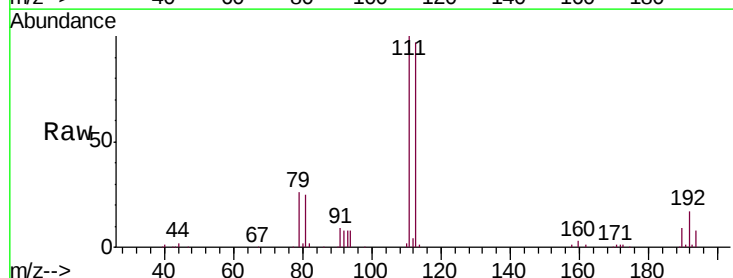
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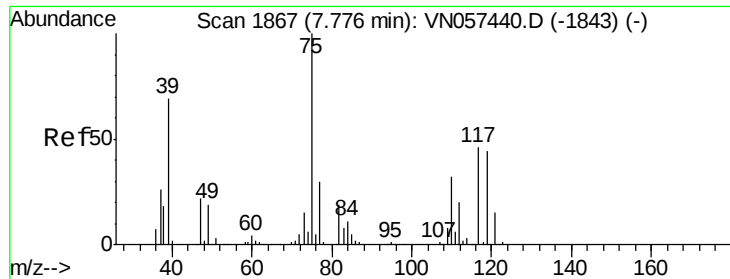
Tgt Ion:114 Resp: 683866
 Ion Ratio Lower Upper
 114 100
 63 25.2 0.0 50.2
 88 17.1 0.0 34.6



#35
 Dibromofluoromethane
 Concen: 47.203 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN057538.D
 Acq: 27 Aug 2019 3:09

Tgt Ion:113 Resp: 218043
 Ion Ratio Lower Upper
 113 100
 111 105.4 83.8 125.6
 192 16.9 13.5 20.3

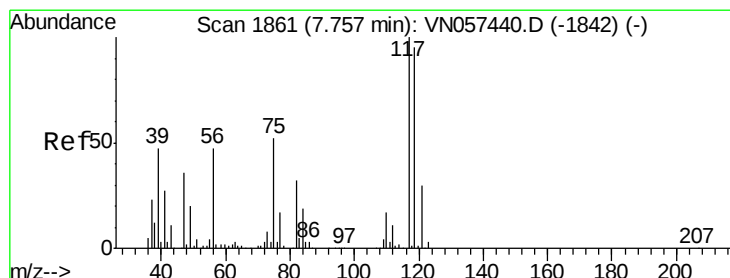
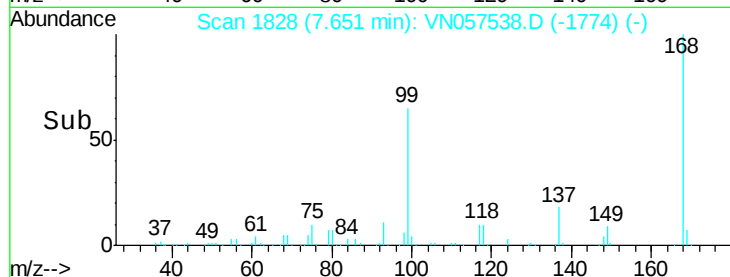
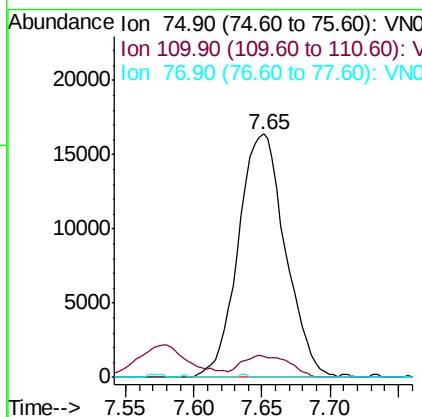
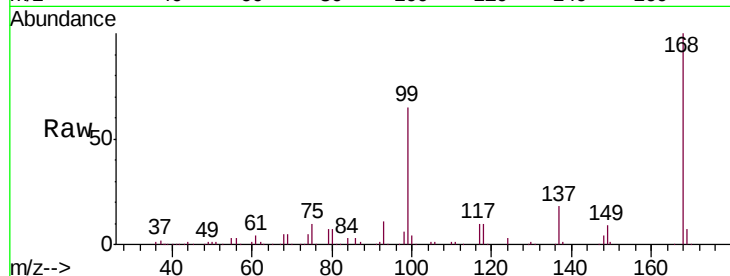




#36
 1,1-Dichloropropene
 Concen: 5.624 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN057538.D
 Acq: 27 Aug 2019 3:09

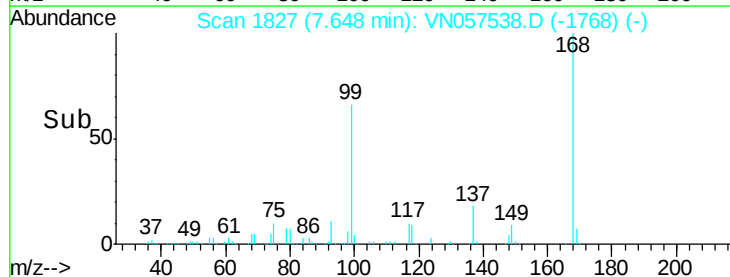
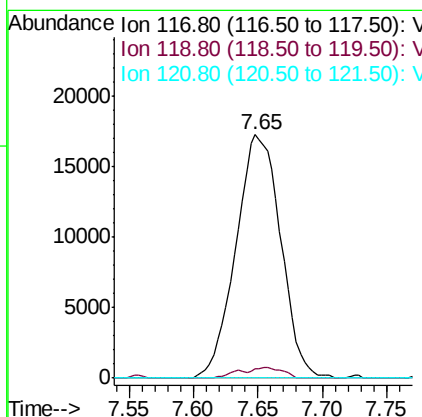
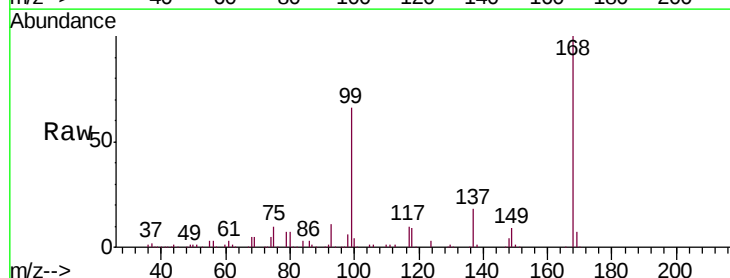
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-G4-(0)

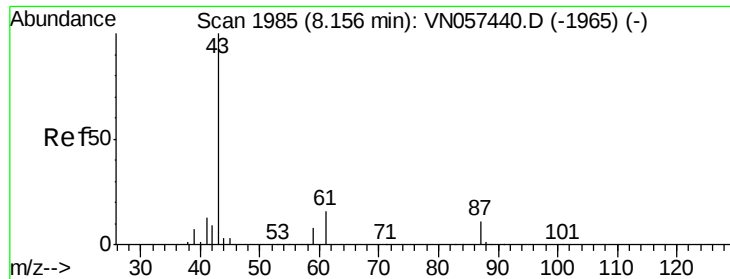
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.1	16.1	48.3#
77	0.2	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.022 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.11 min
 Lab File: VN057538.D
 Acq: 27 Aug 2019 3:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.6	76.2	114.4#
121	0.0	23.8	35.6#

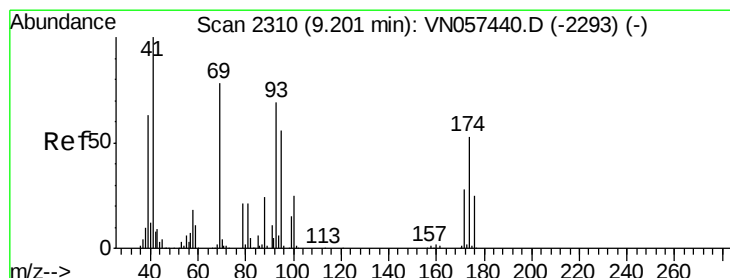
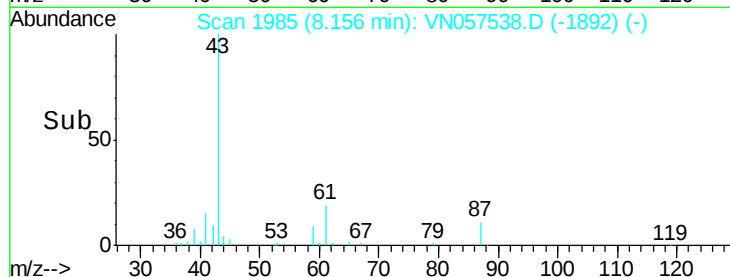
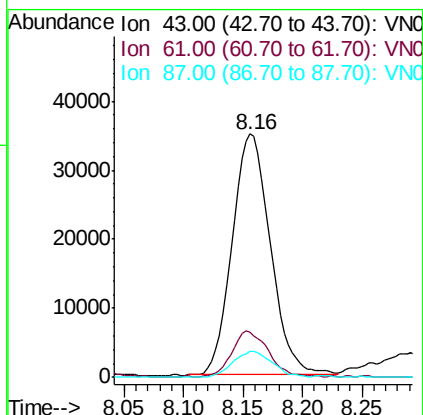
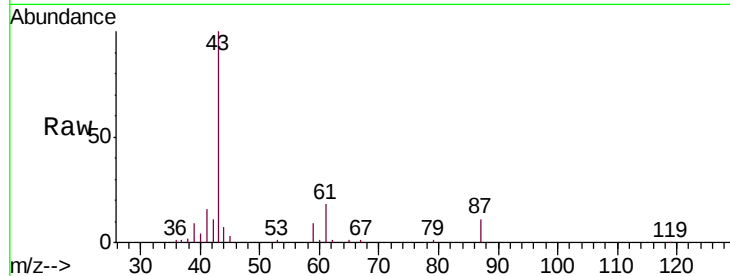




#43
Isopropyl Acetate
Concen: 6.153 ug/l
RT: 8.16 min Scan# 1985
Delta R.T. -0.00 min
Lab File: VN057538.D
Acq: 27 Aug 2019 3:09

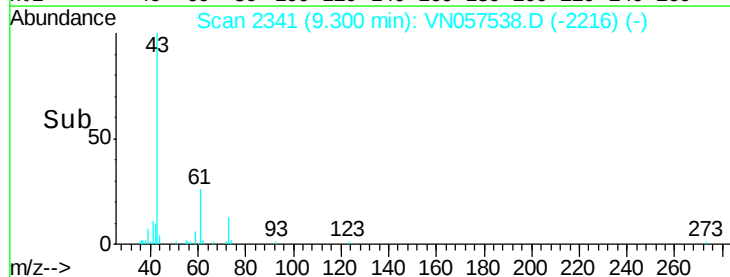
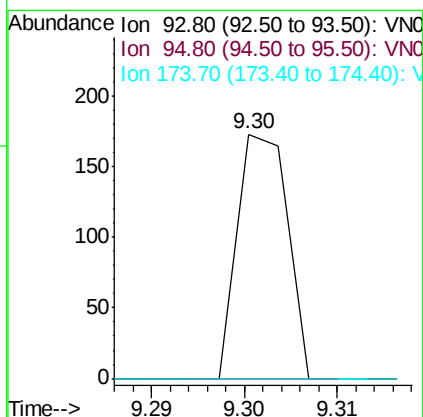
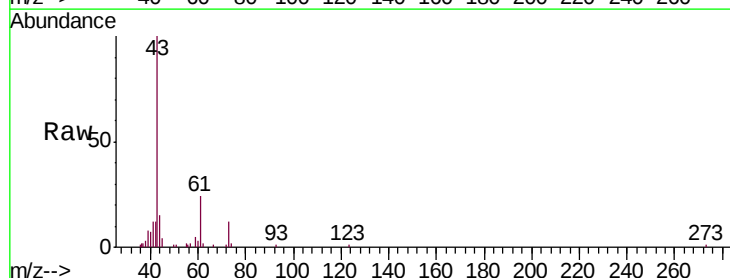
Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-G4-(0)

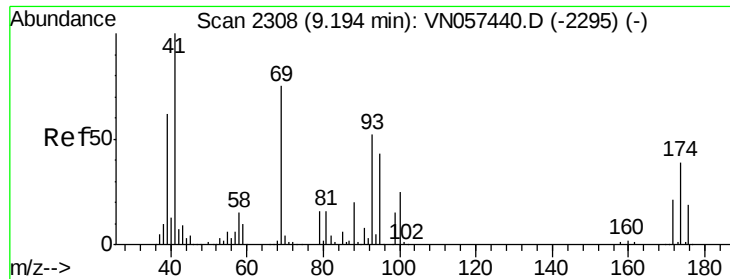
Tgt Ion: 43 Resp: 77906
Ion Ratio Lower Upper
43 100
61 18.6 14.5 21.7
87 11.0 8.6 12.8



#46
Dibromomethane
Concen: Below Cal
RT: 9.30 min Scan# 2341
Delta R.T. 0.10 min
Lab File: VN057538.D
Acq: 27 Aug 2019 3:09

Tgt Ion: 93 Resp: 65
Ion Ratio Lower Upper
93 100
95 0.0 64.7 97.1#
174 0.0 62.3 93.5#

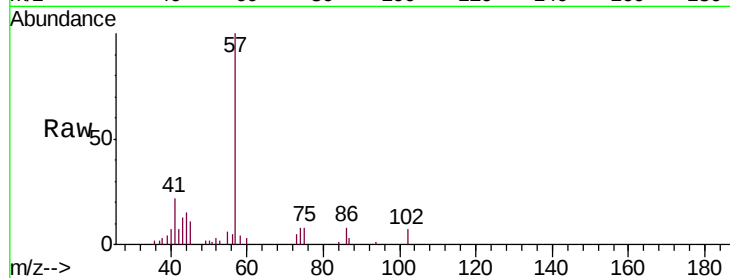




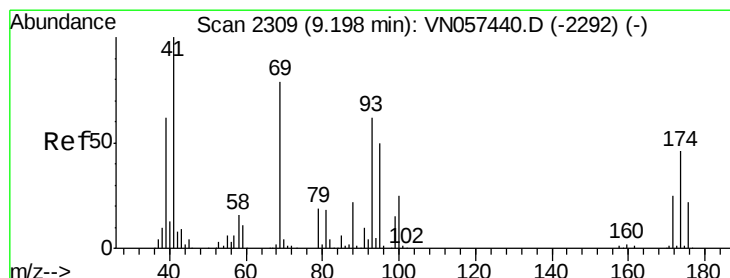
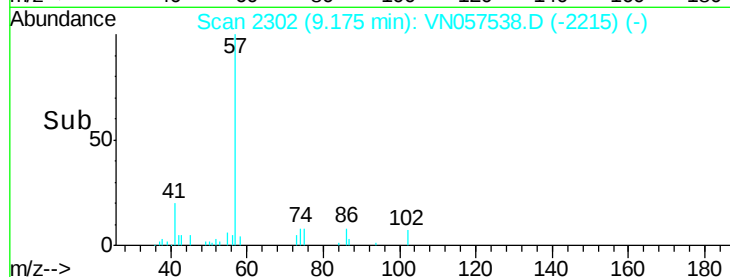
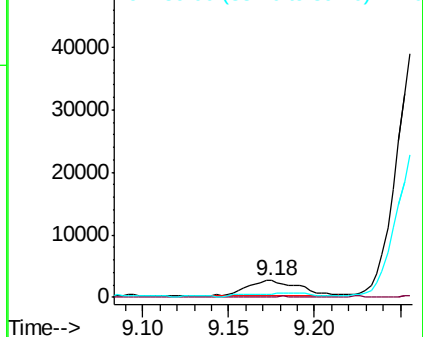
#48
Methyl methacrylate
Concen: 0.879 ug/l
RT: 9.18 min Scan# 2302
Delta R.T. -0.02 min
Lab File: VN057538.D
Acq: 27 Aug 2019 3:09

Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-G4-(0)

Tgt Ion: 41 Resp: 5289
Ion Ratio Lower Upper
41 100
69 0.7 59.3 88.9#
39 36.3 50.6 75.8#

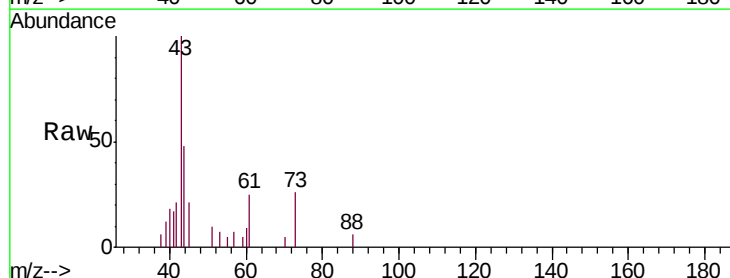


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

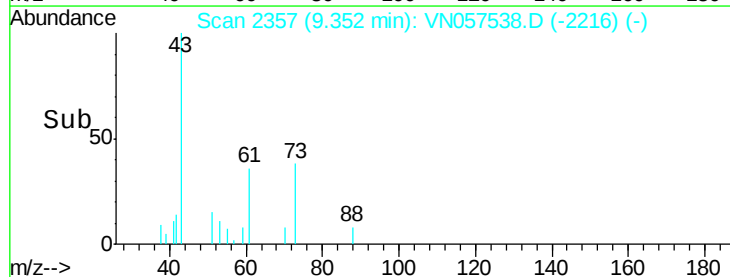
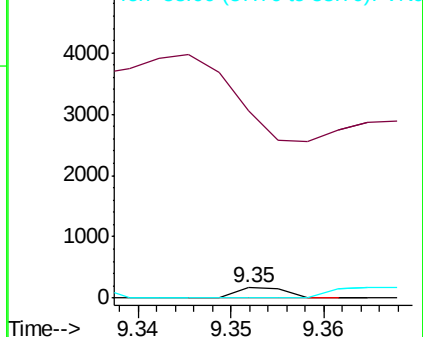


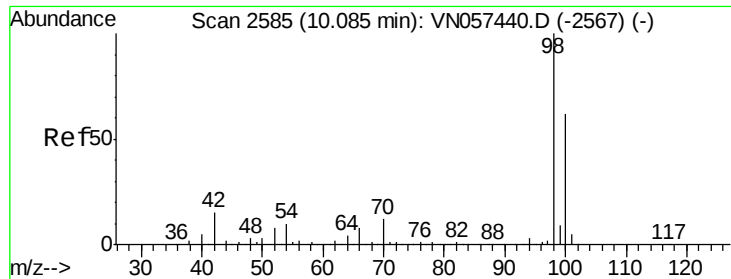
#49
1,4-Dioxane
Concen: 0.822 ug/l
RT: 9.35 min Scan# 2357
Delta R.T. 0.15 min
Lab File: VN057538.D
Acq: 27 Aug 2019 3:09

Tgt Ion: 88 Resp: 64
Ion Ratio Lower Upper
88 100
43 0.0 31.0 46.6#
58 201.6 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: 49.869 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057538.D

Acq: 27 Aug 2019 3:09

Instrument :

MSVOA_N

ClientSampleId :

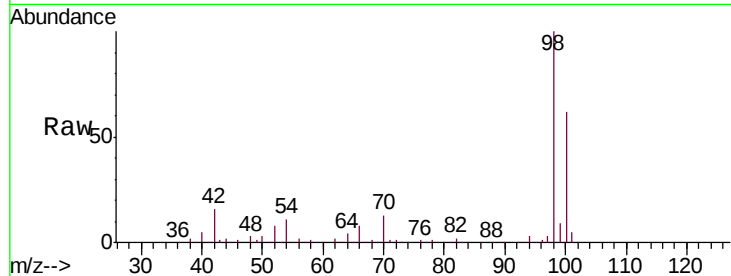
T9-12-13-G4(0)

Tgt Ion: 98 Resp: 871028

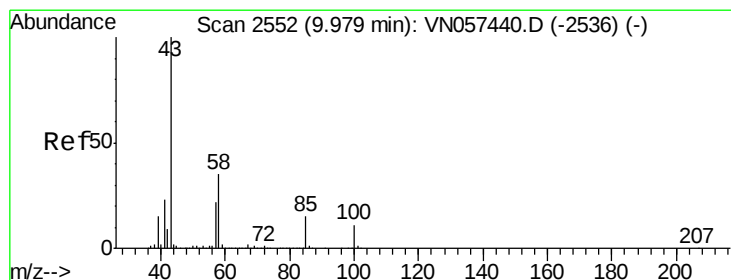
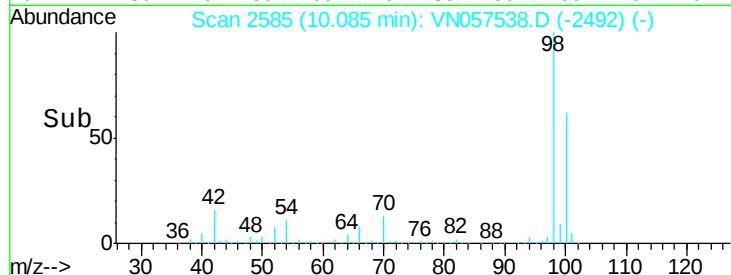
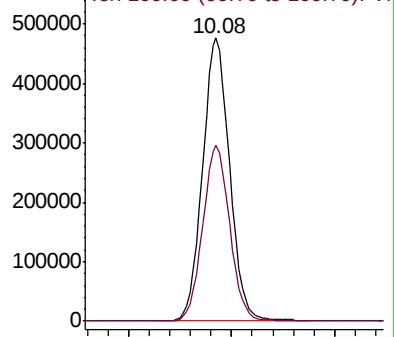
Ion Ratio Lower Upper

98 100

100 62.0 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN057440.D (-2567) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.904 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN057538.D

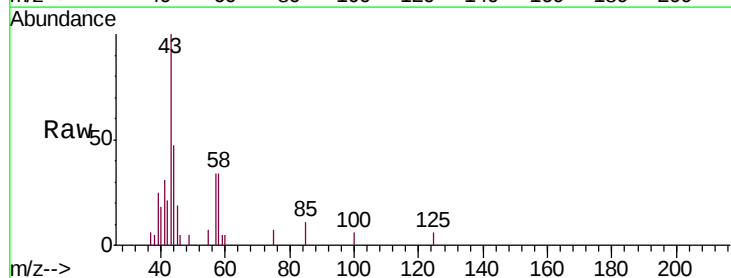
Acq: 27 Aug 2019 3:09

Tgt Ion: 43 Resp: 6382

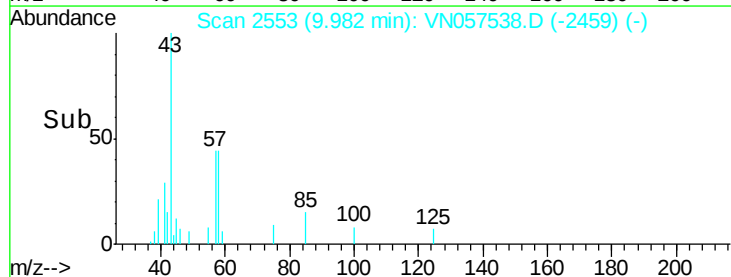
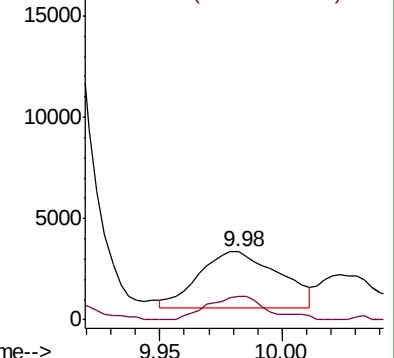
Ion Ratio Lower Upper

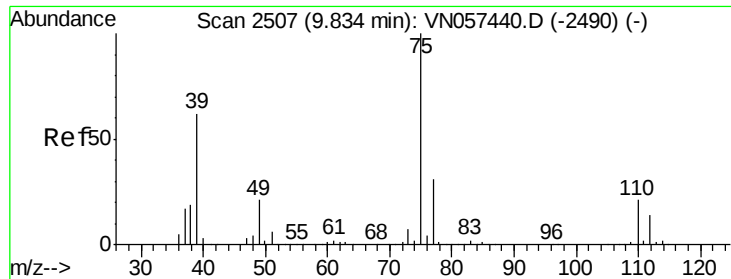
43 100

58 31.0 27.9 41.9



Abundance Ion 43.00 (42.70 to 43.70): VN057440.D (-2536) (-)





#54

cis-1,3-Dichloropropene

Concen: 3.462 ug/l

RT: 9.90 min Scan# 2527

Delta R.T. 0.06 min

Lab File: VN057538.D

Acq: 27 Aug 2019 3:09

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-G4-(0)

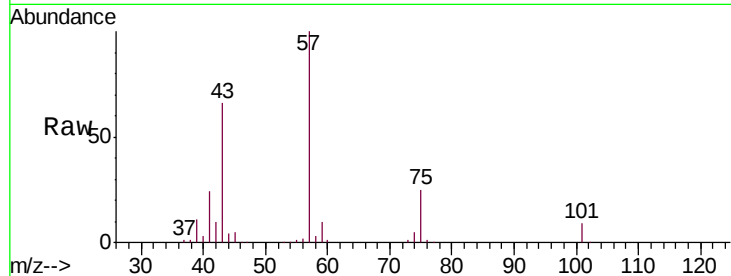
Tgt Ion: 75 Resp: 31461

Ion Ratio Lower Upper

75 100

77 0.9 25.0 37.6#

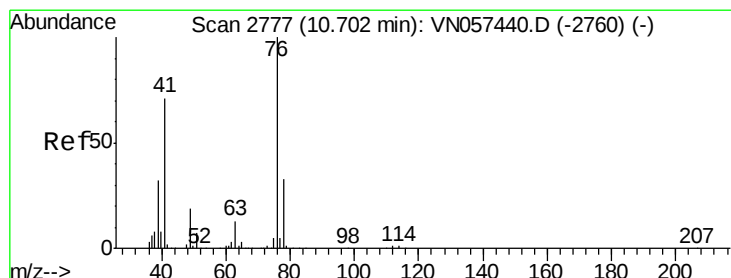
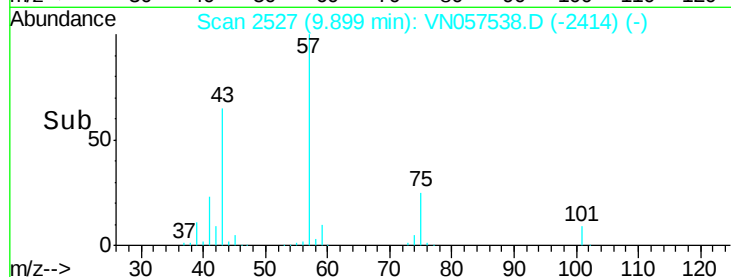
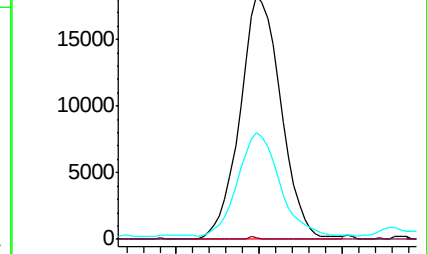
39 42.5 49.2 73.8#



Abundance Ion 74.90 (74.60 to 75.60): VN057538.D (-2414) (-)

Ion 76.90 (76.60 to 77.60): VN057538.D (-2414) (-)

Ion 39.00 (38.70 to 39.70): VN057538.D (-2414) (-)



#57

1,3-Dichloropropane

Concen: 0.397 ug/l

RT: 10.76 min Scan# 2794

Delta R.T. 0.05 min

Lab File: VN057538.D

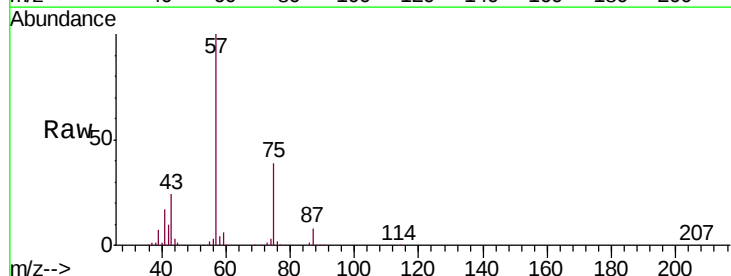
Acq: 27 Aug 2019 3:09

Tgt Ion: 76 Resp: 3381

Ion Ratio Lower Upper

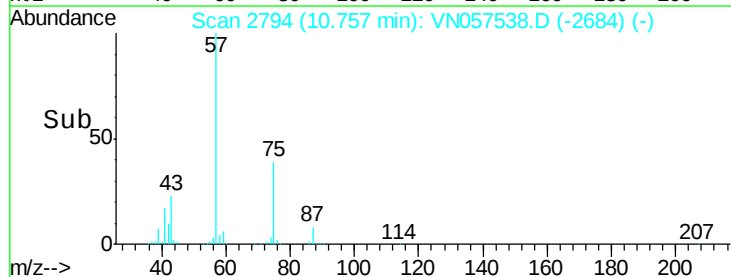
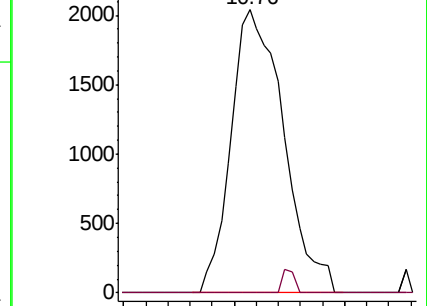
76 100

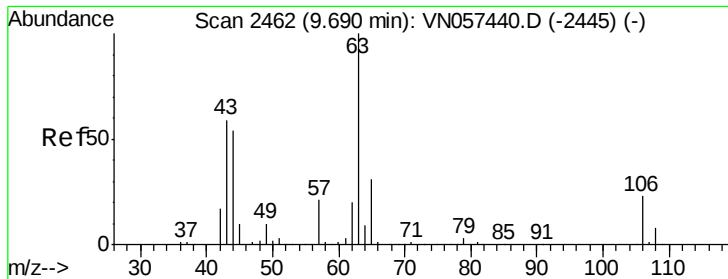
78 1.9 25.5 38.3#



Abundance Ion 75.90 (75.60 to 76.60): VN057538.D (-2684) (-)

Ion 77.90 (77.60 to 78.60): VN057538.D (-2684) (-)

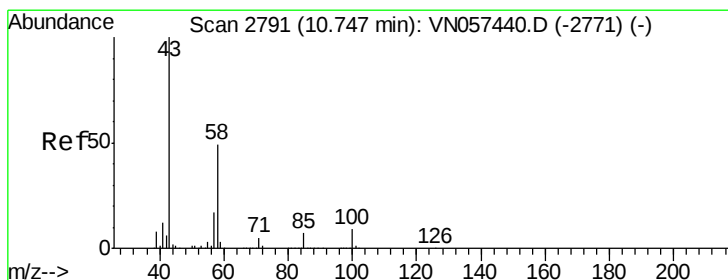
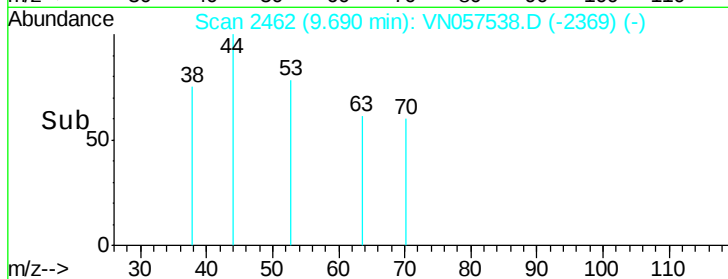
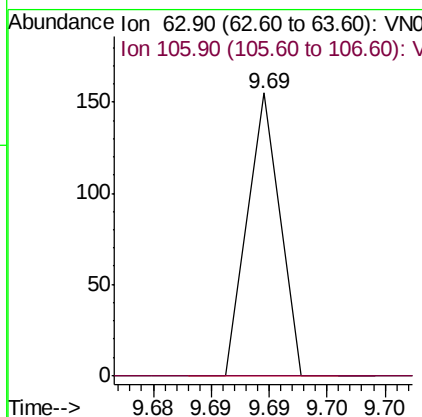
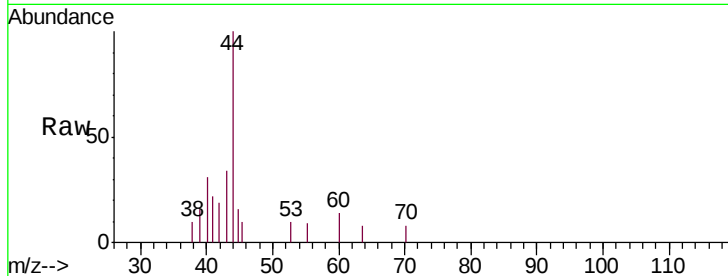




#58
 2-Chloroethyl Vinyl ether
 Concen: 17.078 ug/l
 RT: 9.69 min Scan# 2462
 Delta R.T. 0.00 min
 Lab File: VN057538.D
 Acq: 27 Aug 2019 3:09

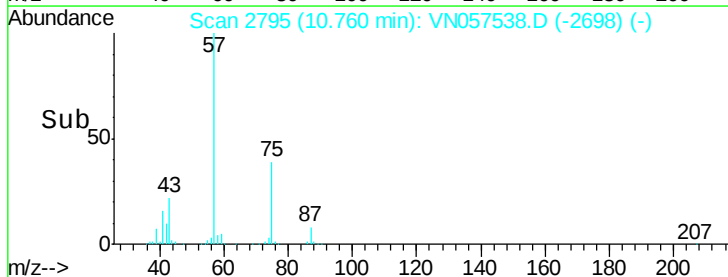
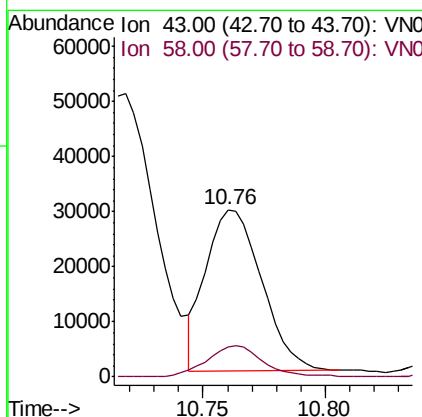
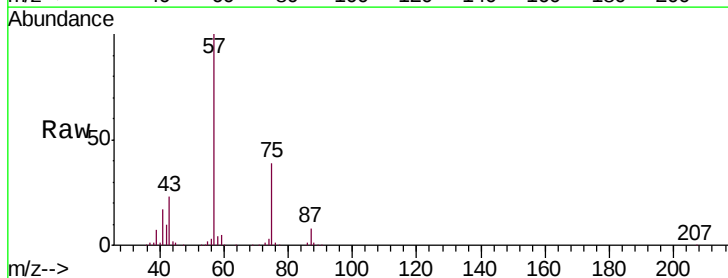
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-G4-(0)

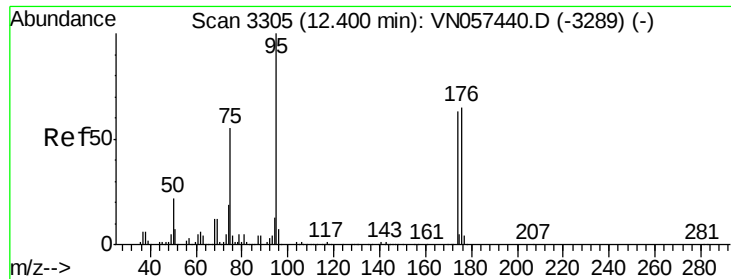
Tgt Ion: 63 Resp: 30
 Ion Ratio Lower Upper
 63 100
 106 0.0 18.6 27.8#



#59
 2-Hexanone
 Concen: 9.592 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.01 min
 Lab File: VN057538.D
 Acq: 27 Aug 2019 3:09

Tgt Ion: 43 Resp: 46422
 Ion Ratio Lower Upper
 43 100
 58 19.7 24.6 73.6#





#62

4-Bromofluorobenzene

Concen: 38.894 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057538.D

Acq: 27 Aug 2019 3:09

Instrument :

MSVOA_N

ClientSampled :

T9-12-13-G4-(0)

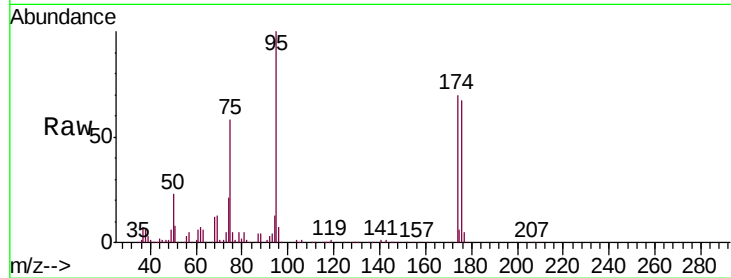
Tgt Ion: 95 Resp: 230214

Ion Ratio Lower Upper

95 100

174 67.9 0.0 133.0

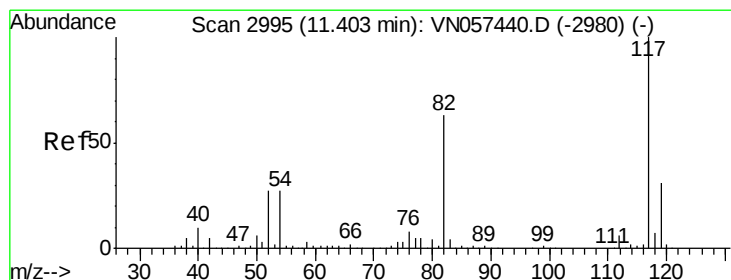
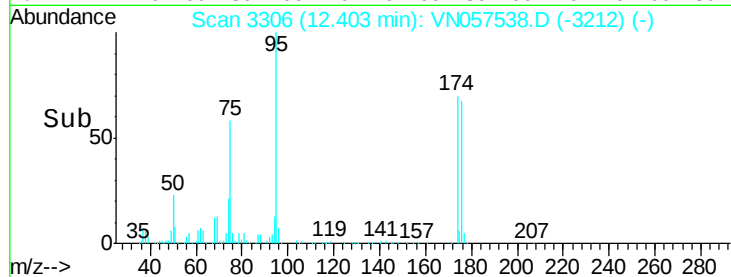
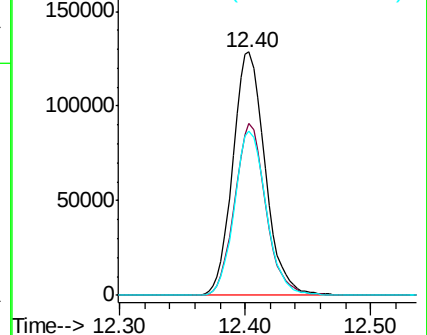
176 66.3 0.0 130.8



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: VN057538.D

Acq: 27 Aug 2019 3:09

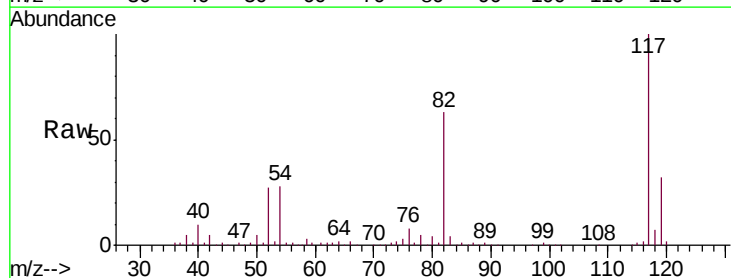
Tgt Ion: 117 Resp: 564168

Ion Ratio Lower Upper

117 100

82 62.9 50.6 75.8

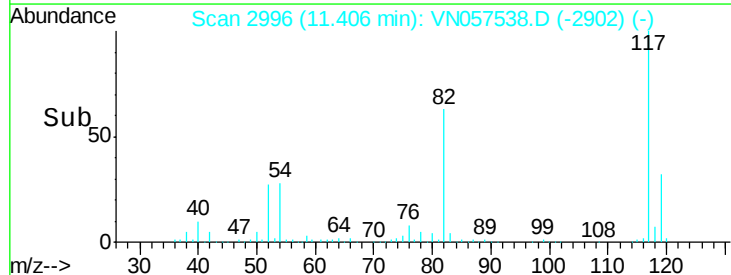
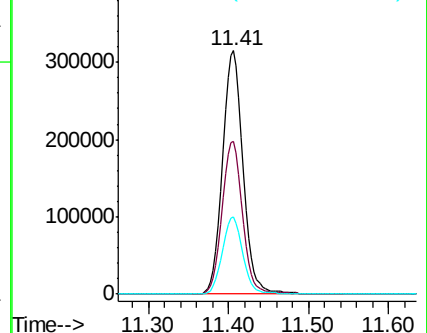
119 31.6 24.6 36.8

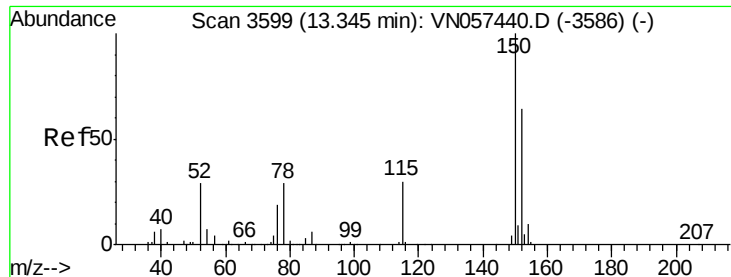


Abundance Ion 116.90 (116.60 to 117.60): VN0

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# 3599

Delta R.T. -0.00 min

Lab File: VN057538.D

Acq: 27 Aug 2019 3:09

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-G4-(0)

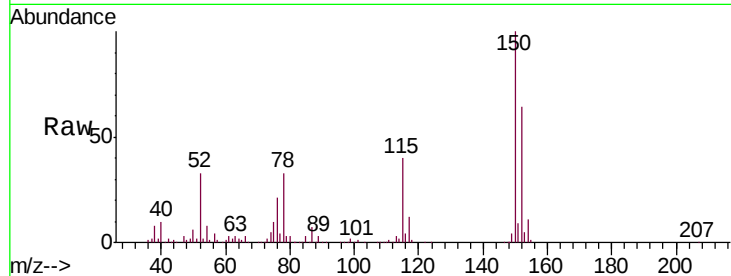
Tgt Ion:152 Resp: 134958

Ion Ratio Lower Upper

152 100

115 63.7 32.0 96.0

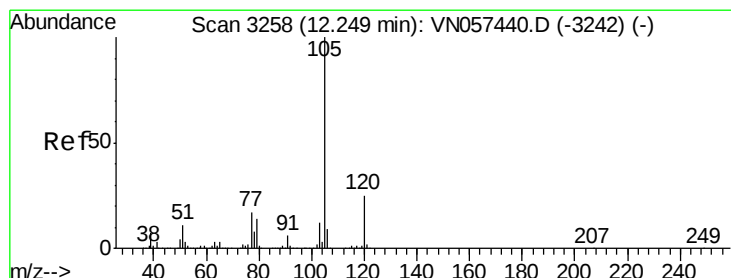
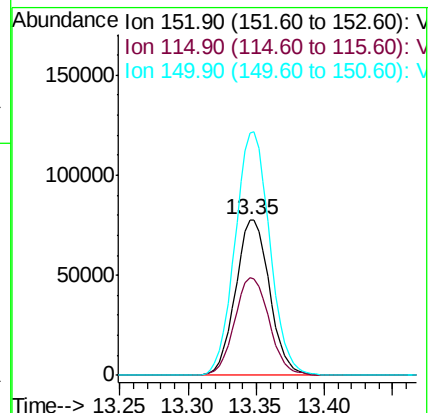
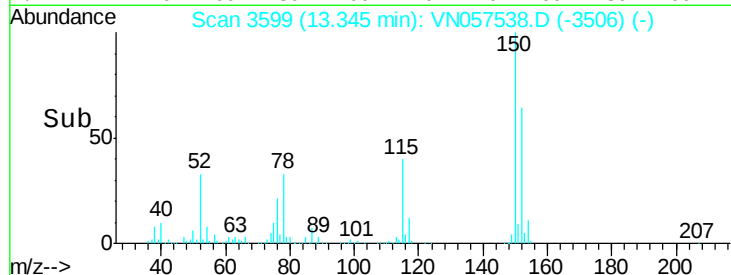
150 159.3 0.0 346.6



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: 12.37 min Scan# 3295

Delta R.T. 0.12 min

Lab File: VN057538.D

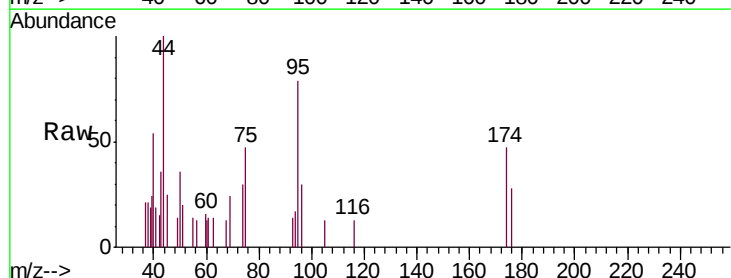
Acq: 27 Aug 2019 3:09

Tgt Ion:105 Resp: 29

Ion Ratio Lower Upper

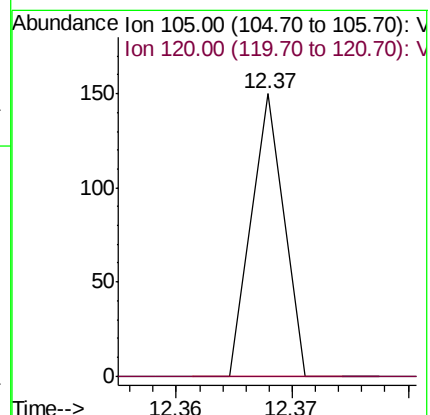
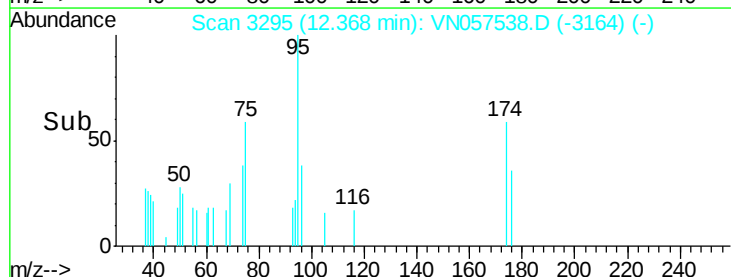
105 100

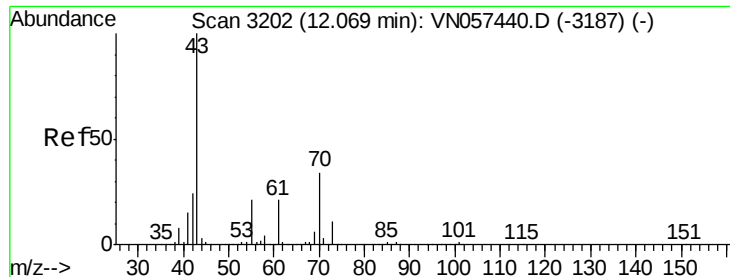
120 0.0 12.7 38.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: Below Cal

RT: 12.04 min Scan# 3193

Delta R.T. -0.03 min

Lab File: VN057538.D

Acq: 27 Aug 2019 3:09

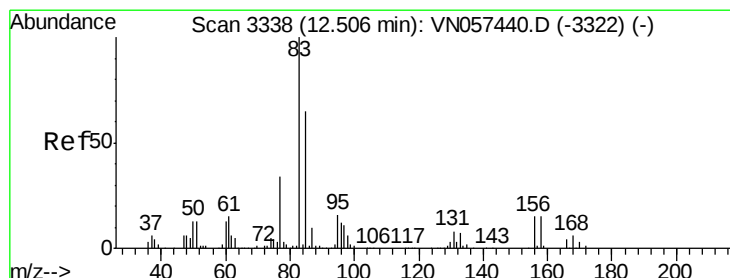
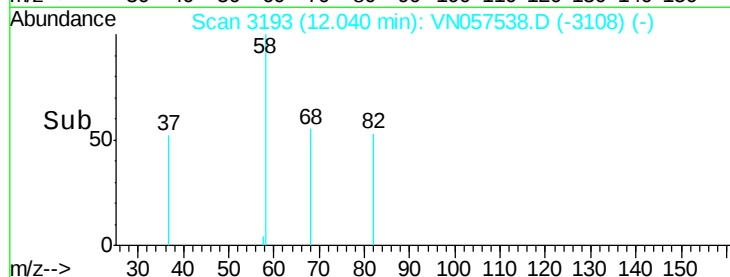
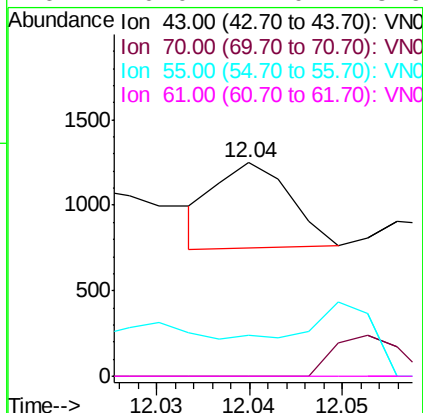
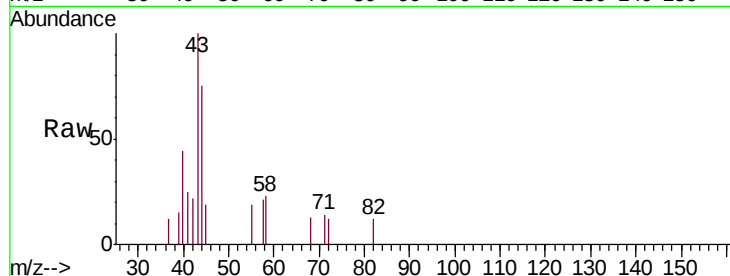
Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-G4-(0)

Tgt Ion:	43	Resp:	277
Ion	Ratio	Lower	Upper
43	100		
70	42.2	27.8	41.6#
55	74.0	17.0	25.4#
61	0.0	17.0	25.6#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

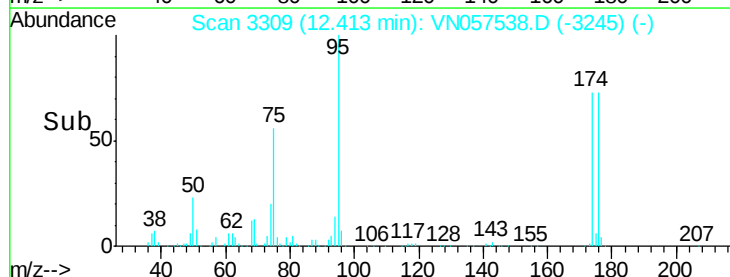
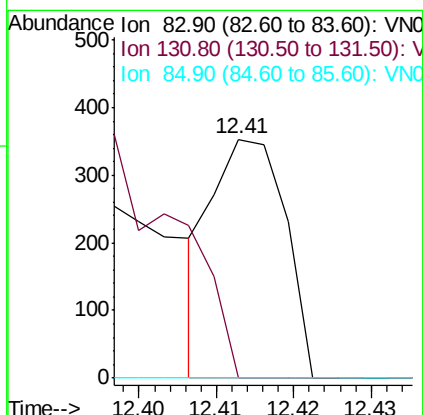
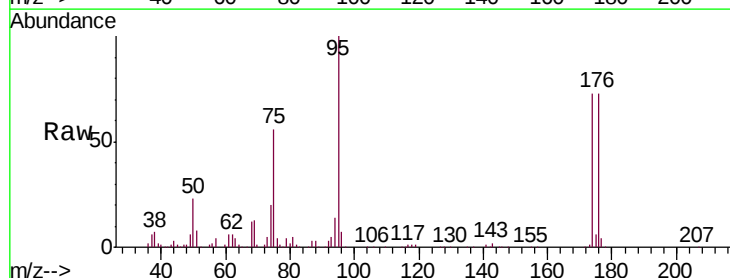
RT: 12.41 min Scan# 3309

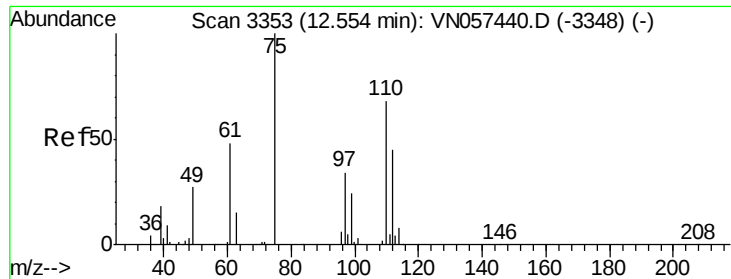
Delta R.T. -0.09 min

Lab File: VN057538.D

Acq: 27 Aug 2019 3:09

Tgt Ion:	83	Resp:	232
Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.3	13.1#
85	0.0	32.3	96.8#

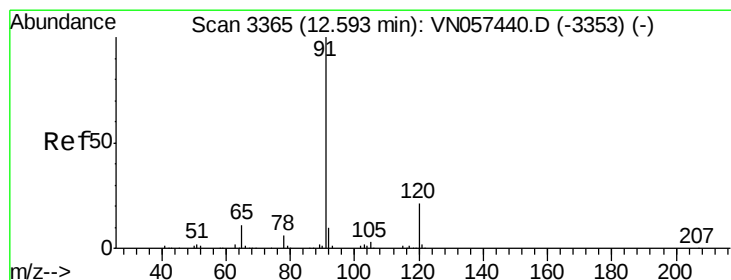
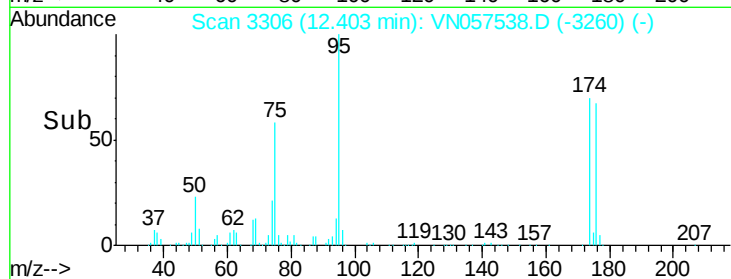
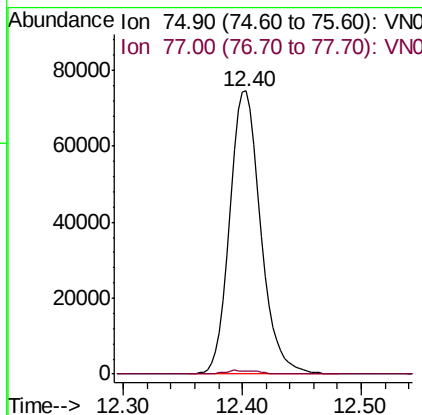
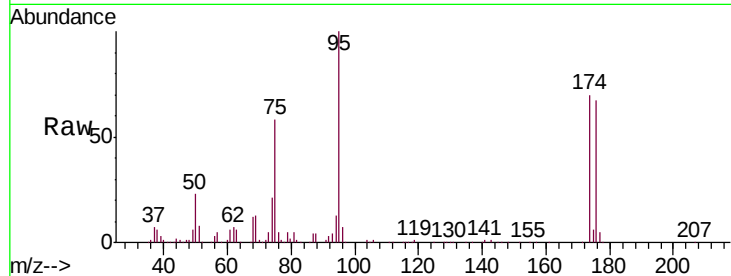




#76
 1,2,3-Trichloropropane
 Concen: 44.693 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. -0.15 min
 Lab File: VN057538.D
 Acq: 27 Aug 2019 3:09

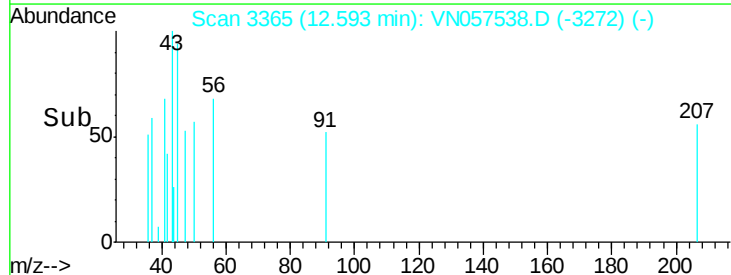
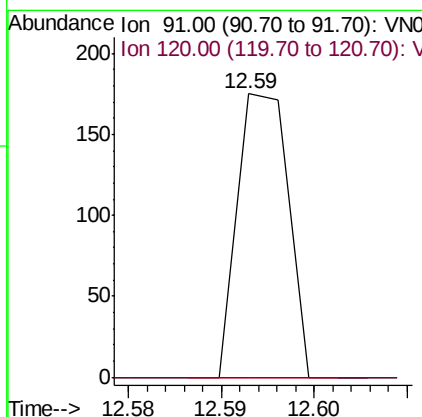
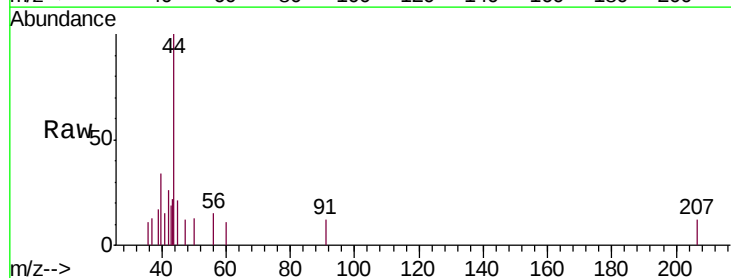
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-G4-(0)

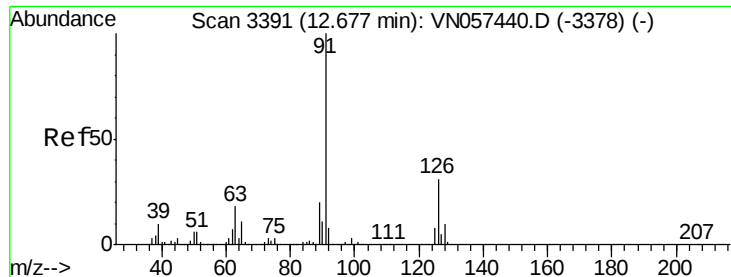
Tgt Ion: 75 Resp: 134691
 Ion Ratio Lower Upper
 75 100
 77 0.7 0.0 0.0#



#78
 n-propylbenzene
 Concen: Below Cal
 RT: 12.59 min Scan# 3365
 Delta R.T. -0.00 min
 Lab File: VN057538.D
 Acq: 27 Aug 2019 3:09

Tgt Ion: 91 Resp: 67
 Ion Ratio Lower Upper
 91 100
 120 0.0 10.7 32.1#

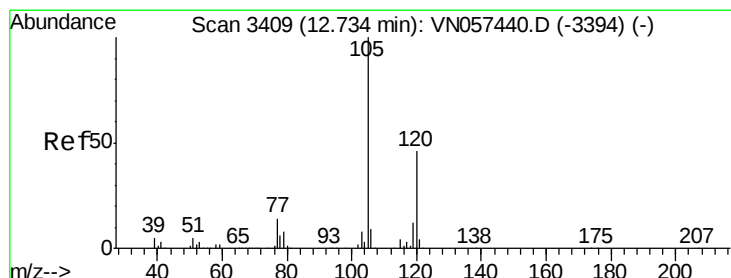
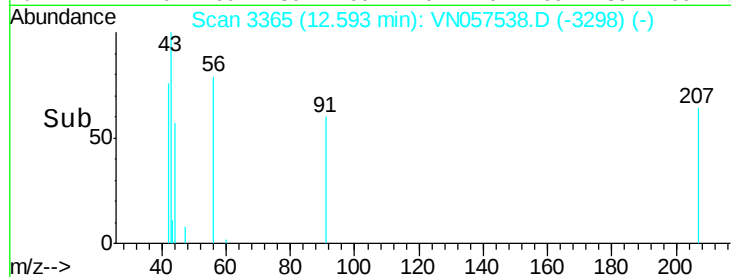
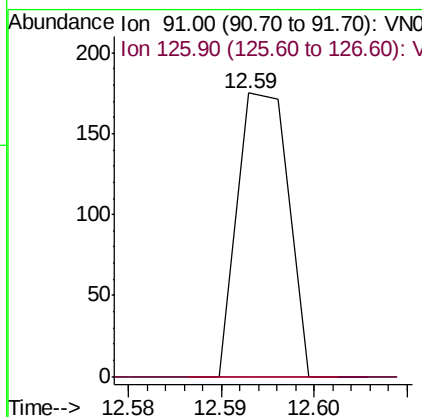
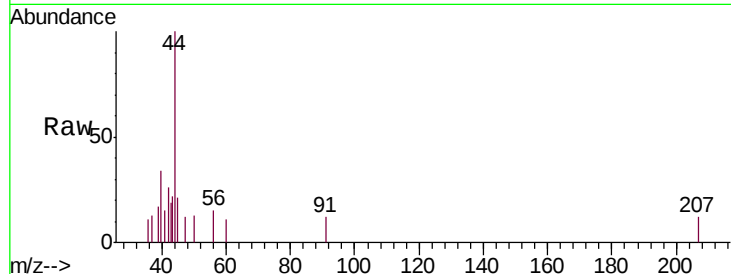




#79
 2-Chlorotoluene
 Concen: Below Cal
 RT: 12.59 min Scan# 3365
 Delta R.T. -0.08 min
 Lab File: VN057538.D
 Acq: 27 Aug 2019 3:09

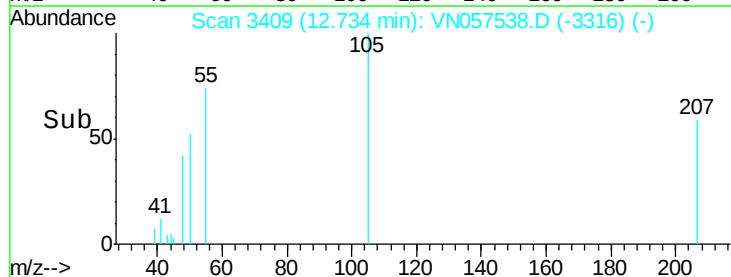
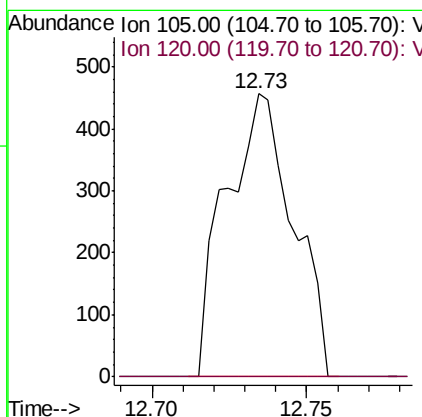
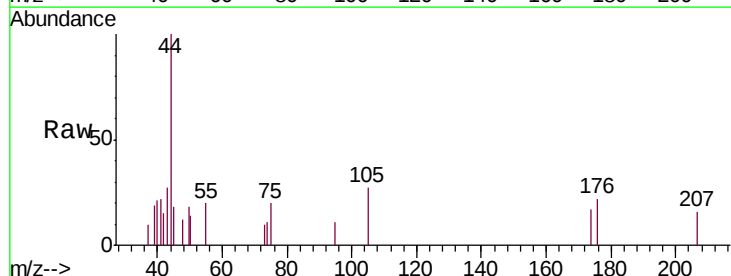
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-G4-(0)

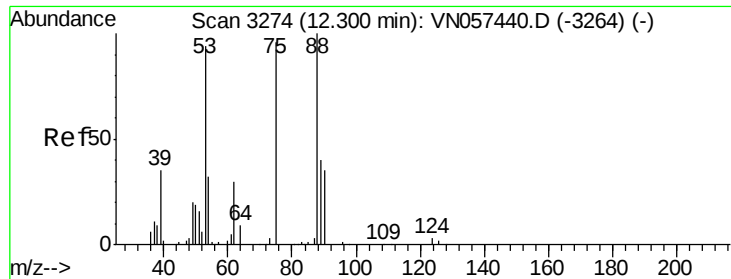
Tgt Ion: 91 Resp: 67
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.3 45.8#



#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN057538.D
 Acq: 27 Aug 2019 3:09

Tgt Ion: 105 Resp: 694
 Ion Ratio Lower Upper
 105 100
 120 0.0 23.3 69.8#

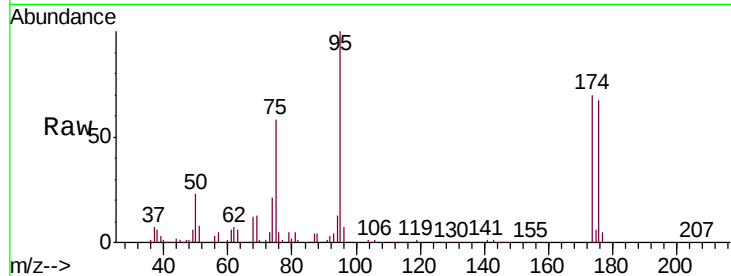




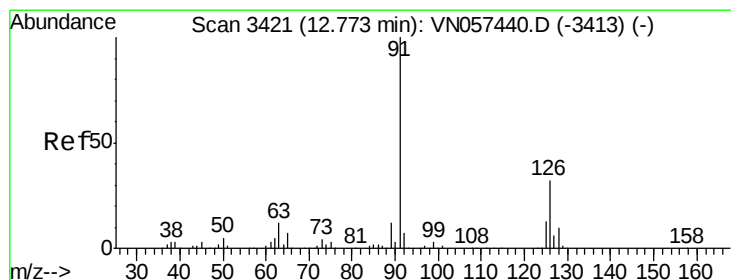
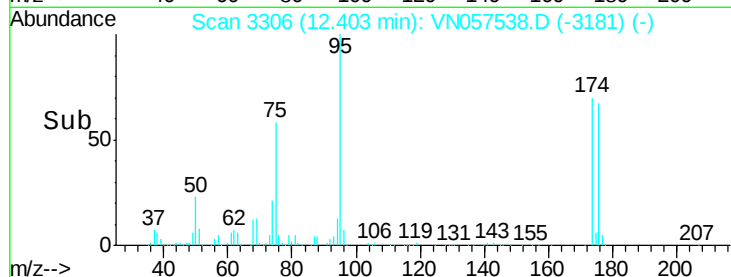
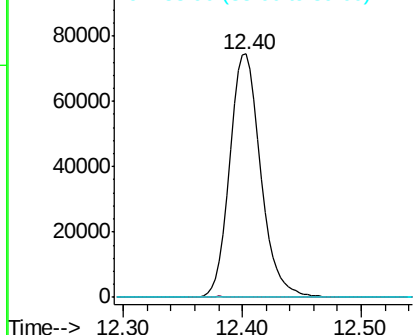
#81
 trans-1,4-Dichloro-2-butene
 Concen: 114.607 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN057538.D
 Acq: 27 Aug 2019 3:09

Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-G4-(0)

Tgt Ion: 75 Resp: 134691
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.7 124.1#
 89 0.0 35.8 53.8#

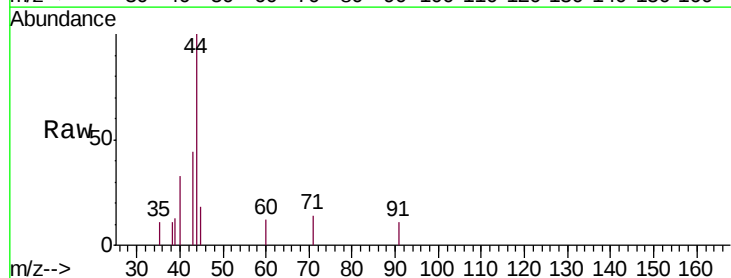


Abundance Ion 74.90 (74.60 to 75.60): VNC
 100000 Ion 53.00 (52.70 to 53.70): VNC
 80000 Ion 88.90 (88.60 to 89.60): VNC

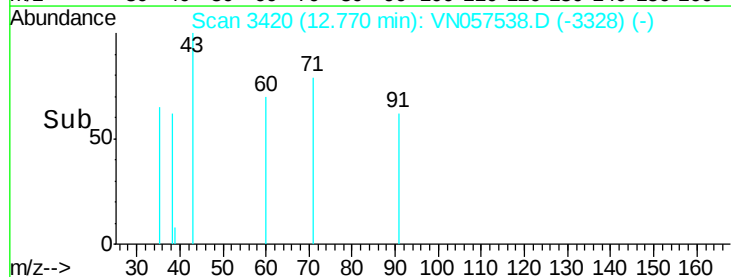
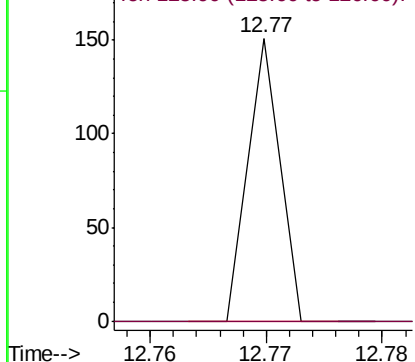


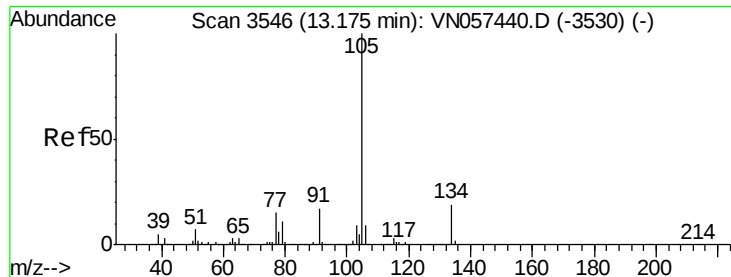
#82
 4-Chlorotoluene
 Concen: Below Cal
 RT: 12.77 min Scan# 3420
 Delta R.T. -0.00 min
 Lab File: VN057538.D
 Acq: 27 Aug 2019 3:09

Tgt Ion: 91 Resp: 29
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.0 45.0#



Abundance Ion 91.00 (90.70 to 91.70): VNC
 150 Ion 125.90 (125.60 to 126.60): V

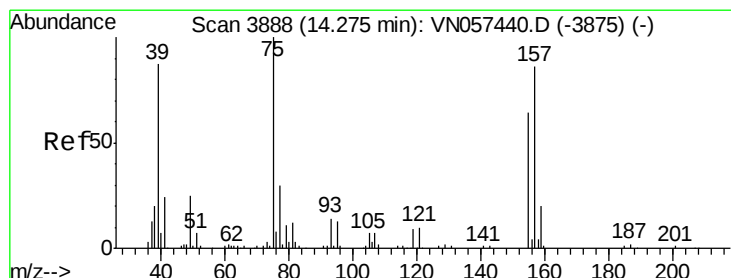
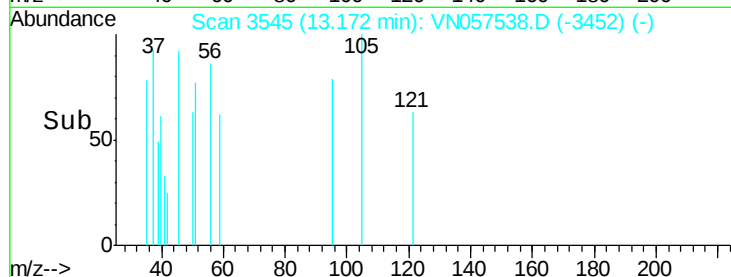
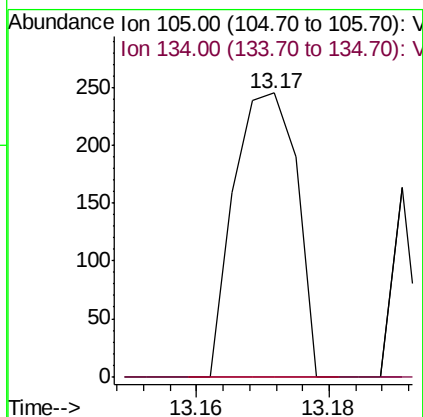
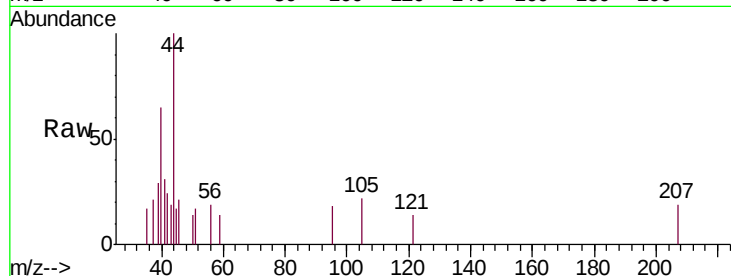




#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN057538.D
 Acq: 27 Aug 2019 3:09

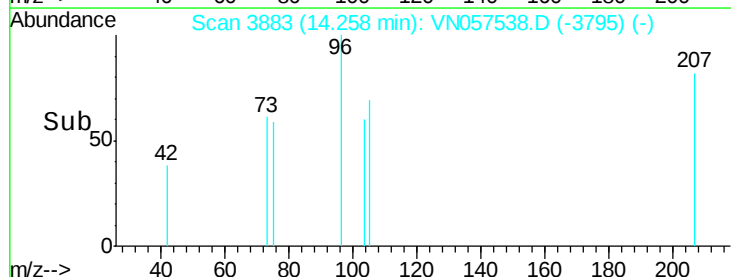
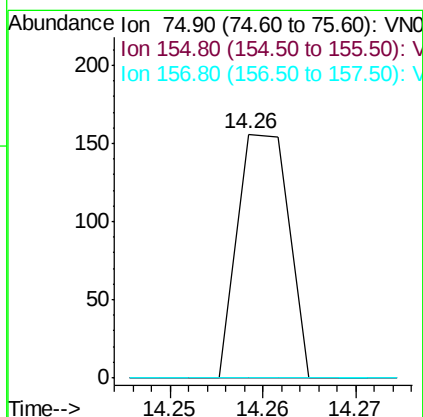
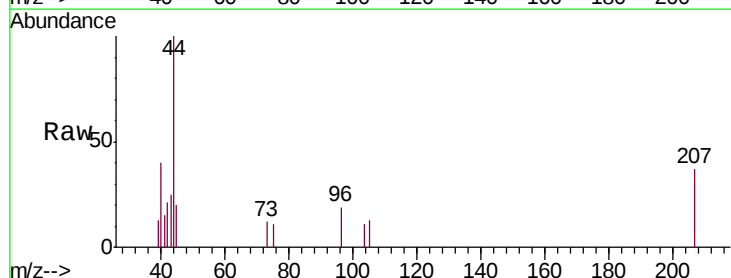
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-G4-(0)

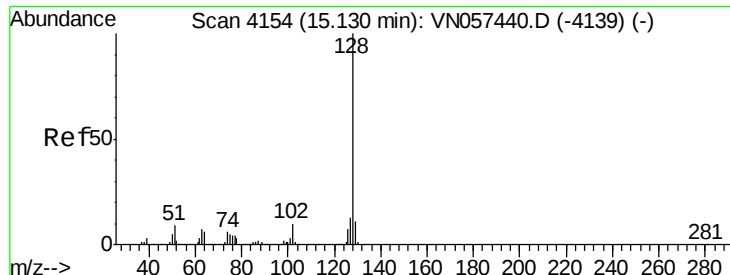
Tgt Ion:105 Resp: 161
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.3 27.9#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.26 min Scan# 3883
 Delta R.T. -0.02 min
 Lab File: VN057538.D
 Acq: 27 Aug 2019 3:09

Tgt Ion: 75 Resp: 60
 Ion Ratio Lower Upper
 75 100
 155 0.0 31.6 94.7#
 157 0.0 43.3 129.8#





#95

Naphthalene

Concen: 4.357 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN057538.D

Acq: 27 Aug 2019 3:09

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-G4-(0)

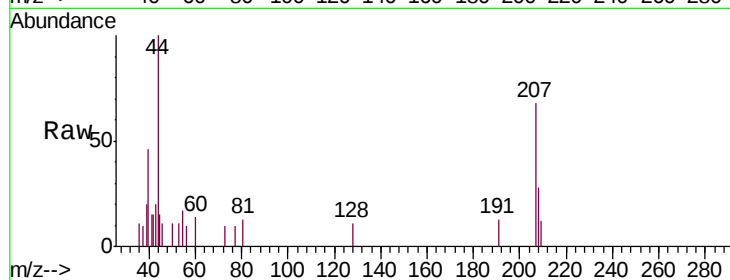
Tgt Ion:128 Resp: 101

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

