

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082619\
 Data File : VN057509.D
 Acq On : 26 Aug 2019 14:10
 Operator : JC/SP
 Sample : K4475-18
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-2-D-(0)

Quant Time: Aug 27 07:13:52 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	406881	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	711937	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	605596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	152454	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	336936	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	
35) Dibromofluoromethane	7.58	113	225773	46.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.90%	
50) Toluene-d8	10.08	98	925490	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
62) 4-Bromofluorobenzene	12.40	95	256544	41.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.26%	

Target Compounds

						Qvalue
8) Diethyl Ether	3.39	74	1627	Below Cal	#	1
9) 1,1,2-Trichlorotrifluoroet	3.72	101	122	Below Cal	#	1
11) Tert butyl alcohol	4.80	59	244	0.274	ug/l #	70
13) Acrolein	3.58	56	305	0.390	ug/l #	13
16) Acetone	3.80	43	32899	10.009	ug/l	94
18) Methyl Acetate	4.31	43	11478	0.677	ug/l	92
20) Methylene Chloride	4.53	84	17454	3.512	ug/l #	86
31) Cyclohexane	7.65	56	13846	1.377	ug/l #	32
36) 1,1-Dichloropropene	7.65	75	40579	5.578	ug/l #	51
38) Carbon Tetrachloride	7.65	117	45209	6.256	ug/l #	16
43) Isopropyl Acetate	8.16	43	109856	8.335	ug/l	99
46) Dibromomethane	9.17	93	109	Below Cal	#	10
48) Methyl methacrylate	9.18	41	5445	0.869	ug/l #	17
49) 1,4-Dioxane	9.27	88	349	4.306	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	5608	0.763	ug/l #	71
54) cis-1,3-Dichloropropene	9.90	75	43338	4.581	ug/l #	62
57) 1,3-Dichloropropane	10.75	76	5899	0.666	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.59	63	70	17.094	ug/l #	52
59) 2-Hexanone	10.76	43	103423	20.527	ug/l #	56
73) Isopropylbenzene	12.25	105	215	Below Cal	#	50
74) N-amyl acetate	12.03	43	4271	Below Cal	#	51
75) 1,1,2,2-Tetrachloroethane	12.55	83	31	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	145824	42.666	ug/l #	100
78) n-propylbenzene	12.60	91	268	Below Cal	#	55
79) 2-Chlorotoluene	12.68	91	221	Below Cal	#	44
80) 1,3,5-Trimethylbenzene	12.73	105	1103	Below Cal		81
81) trans-1,4-Dichloro-2-buten	12.40	75	145824	109.706	ug/l #	9
82) 4-Chlorotoluene	12.78	91	193	Below Cal		72
83) tert-Butylbenzene	13.05	119	68	Below Cal	#	22
85) sec-Butylbenzene	13.17	105	124	Below Cal	#	58
90) Hexachloroethane	13.75	117	32	Below Cal	#	17
92) 1,2-Dibromo-3-Chloropropan	14.29	75	30	Below Cal	#	11
94) Hexachlorobutadiene	15.01	225	31	Below Cal	#	18
95) Naphthalene	15.13	128	252	4.377	ug/l #	69

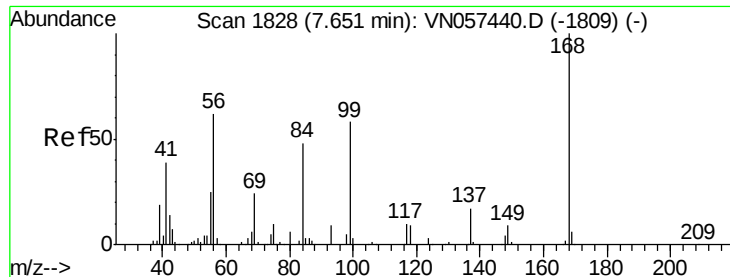
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082619\
Data File : VN057509.D
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QLast Update : Fri Aug 23 05:07:29 2019
Response via : Initial Calibration

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

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN057509.D

Acq: 26 Aug 2019 14:10

Instrument :

MSVOA_N

ClientSampleId :

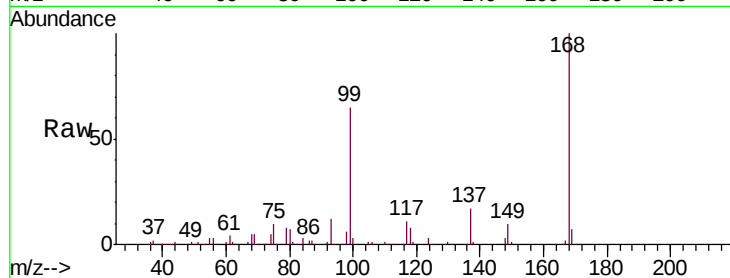
T1-2-D-(0)

Tgt Ion:168 Resp: 406881

Ion Ratio Lower Upper

168 100

99 64.8 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

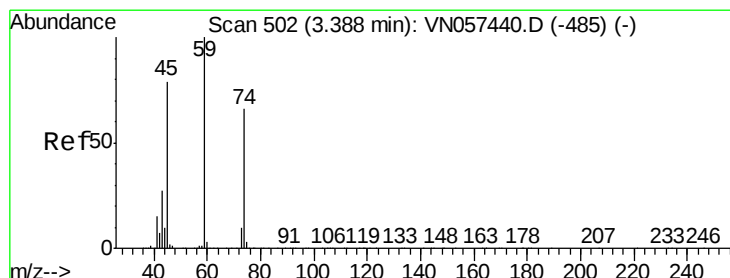
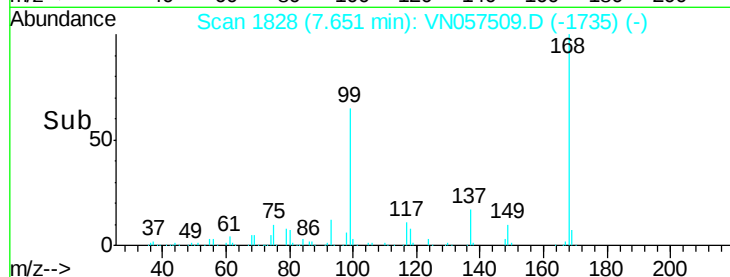
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: Below Cal

RT: 3.39 min Scan# 502

Delta R.T. 0.00 min

Lab File: VN057509.D

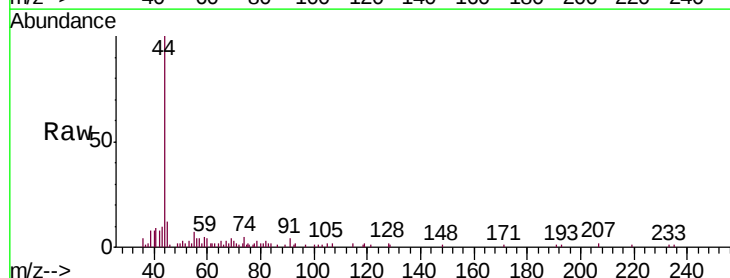
Acq: 26 Aug 2019 14:10

Tgt Ion: 74 Resp: 1627

Ion Ratio Lower Upper

74 100

45 0.0 57.9 173.6#



Abundance Ion 74.00 (73.70 to 74.70): VN

Ion 45.00 (44.70 to 45.70): VN

3.39

2000

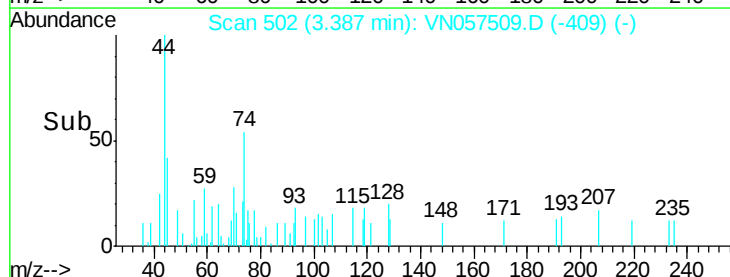
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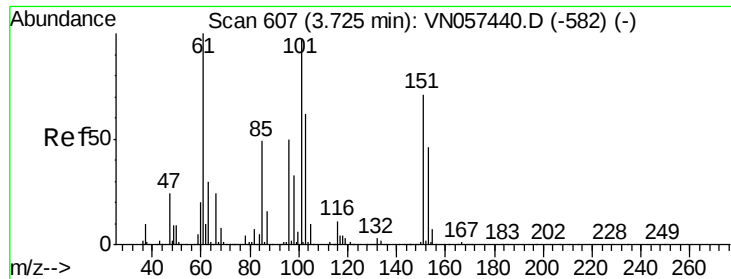
1000

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: VN057509.D

Acq: 26 Aug 2019 14:10

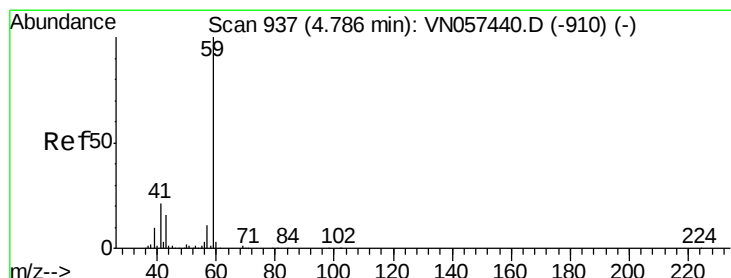
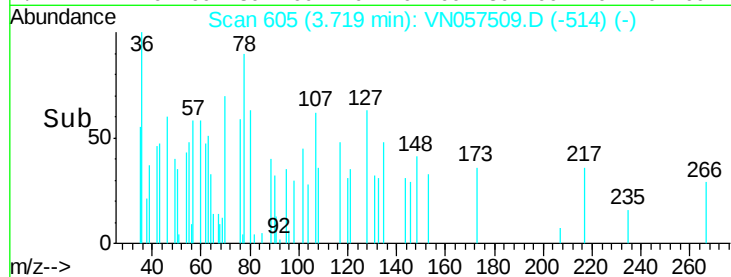
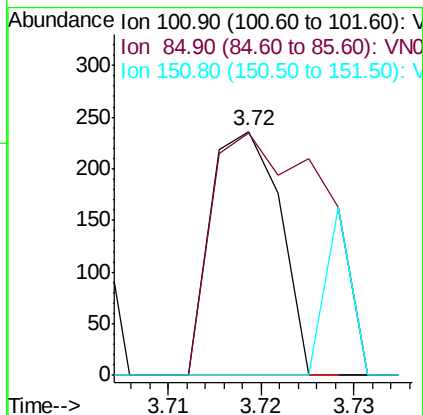
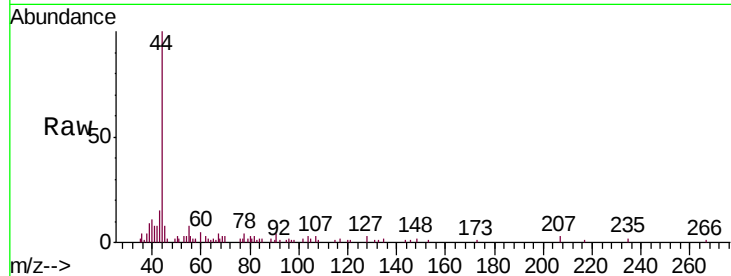
Instrument :

MSVOA_N

ClientSampleId :

T1-2-D-(0)

Tgt Ion:	101	Resp:	122
Ion	Ratio	Lower	Upper
101	100		
85	160.7	40.0	60.0#
151	25.4	57.0	85.6#



#11

Tert butyl alcohol

Concen: 0.274 ug/l

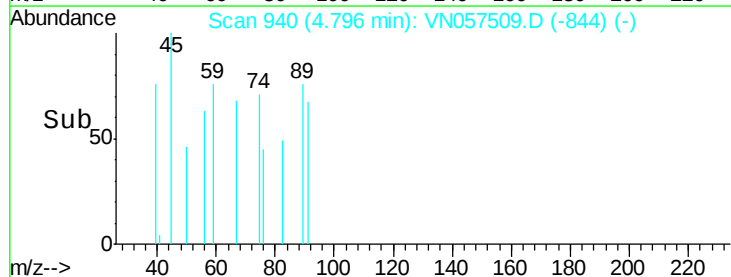
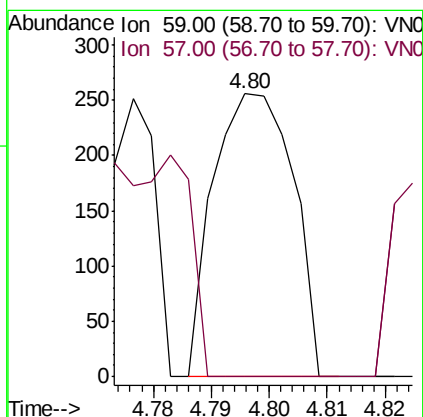
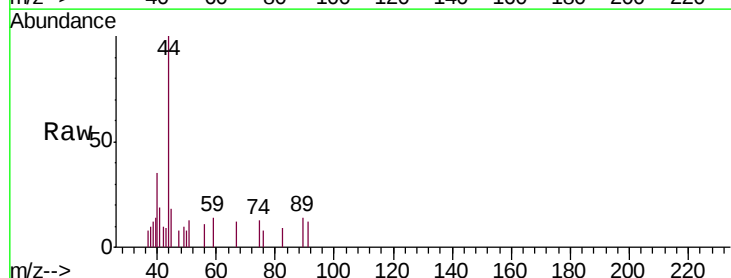
RT: 4.80 min Scan# 940

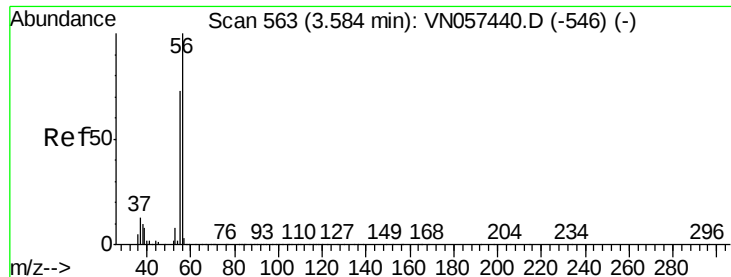
Delta R.T. 0.01 min

Lab File: VN057509.D

Acq: 26 Aug 2019 14:10

Tgt Ion:	59	Resp:	244
Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.1	13.7#





#13

Acrolein

Concen: 0.390 ug/l

RT: 3.58 min Scan# 561

Delta R.T. -0.01 min

Lab File: VN057509.D

Acq: 26 Aug 2019 14:10

Instrument :

MSVOA_N

ClientSampleId :

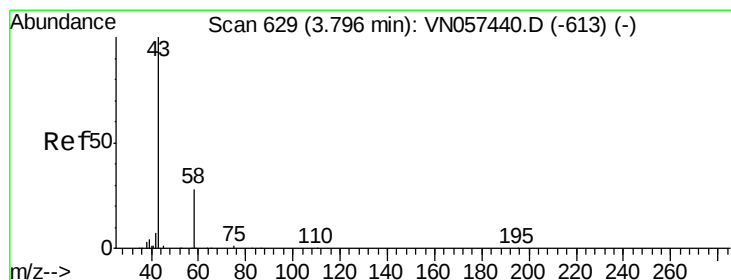
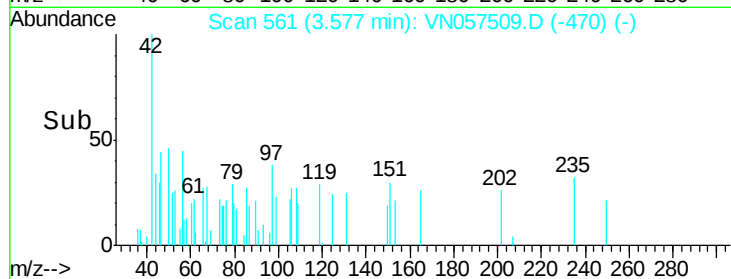
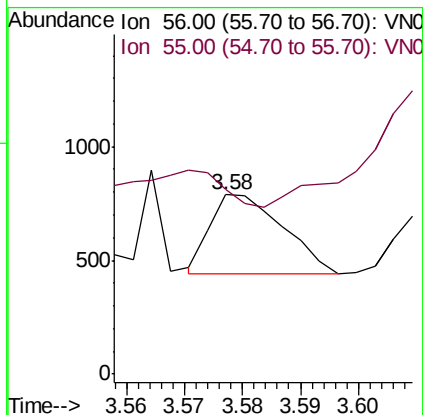
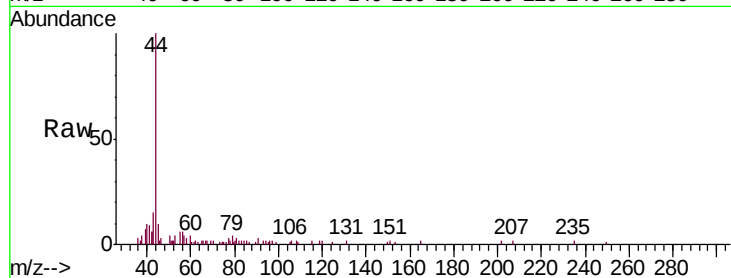
T1-2-D-(0)

Tgt Ion: 56 Resp: 305

Ion Ratio Lower Upper

56 100

55 0.0 59.0 88.4#



#16

Acetone

Concen: 10.009 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN057509.D

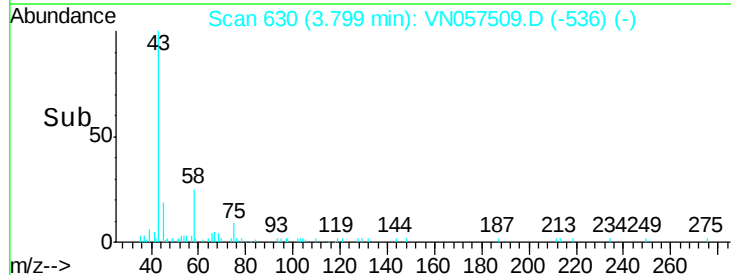
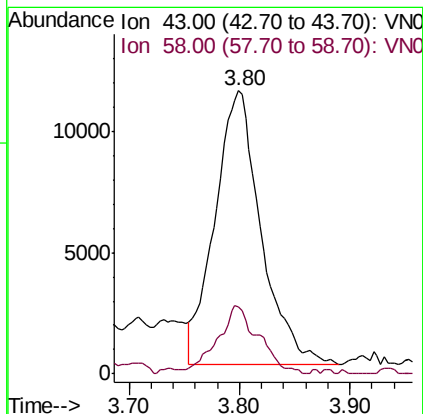
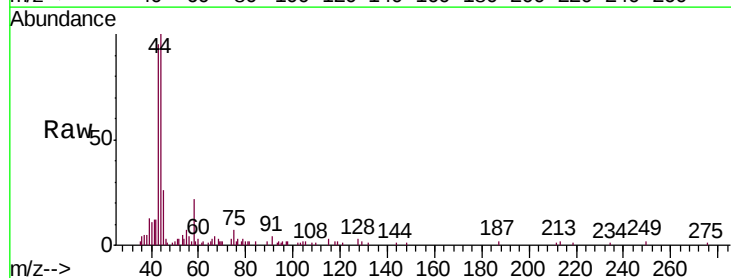
Acq: 26 Aug 2019 14:10

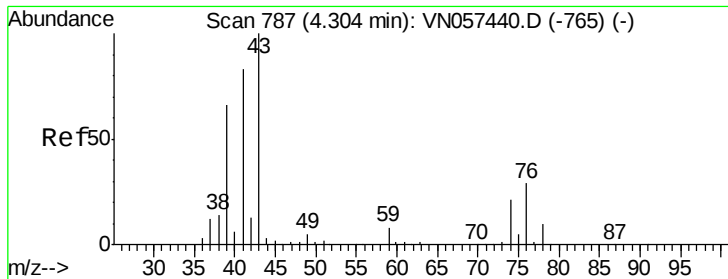
Tgt Ion: 43 Resp: 32899

Ion Ratio Lower Upper

43 100

58 24.5 22.1 33.1

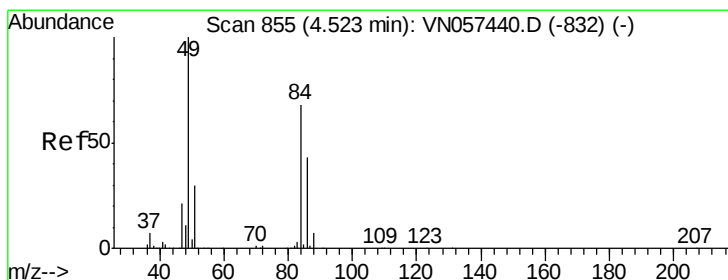
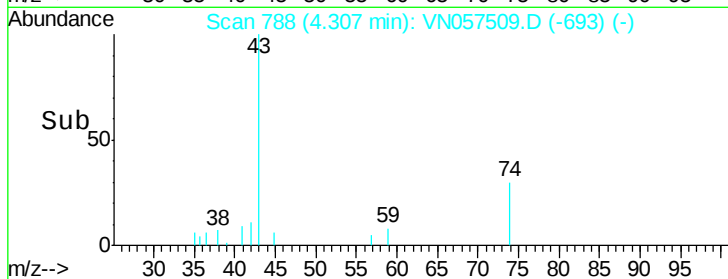
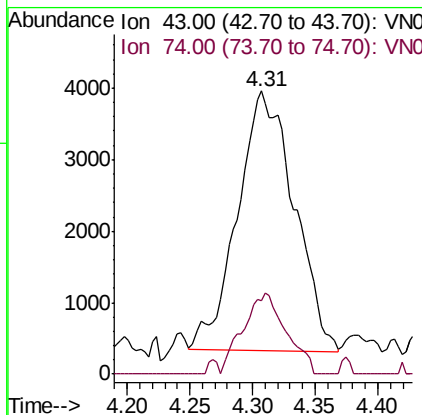
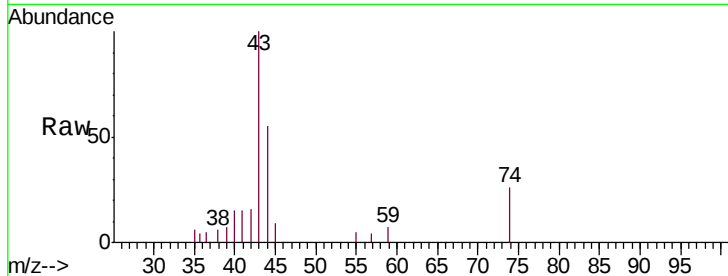




#18
Methyl Acetate
Concen: 0.677 ug/l
RT: 4.31 min Scan# 788
Delta R.T. 0.00 min
Lab File: VN057509.D
Acq: 26 Aug 2019 14:10

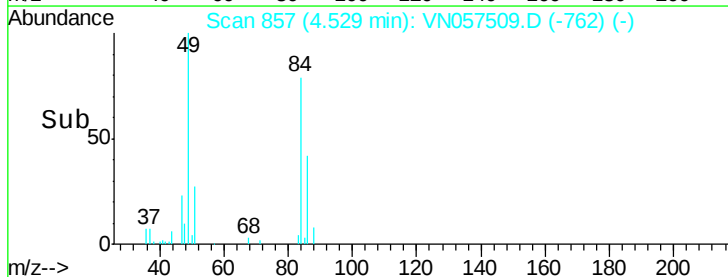
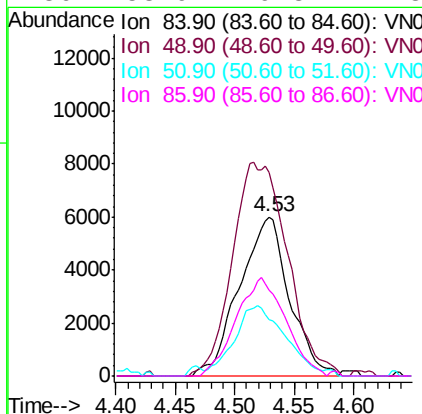
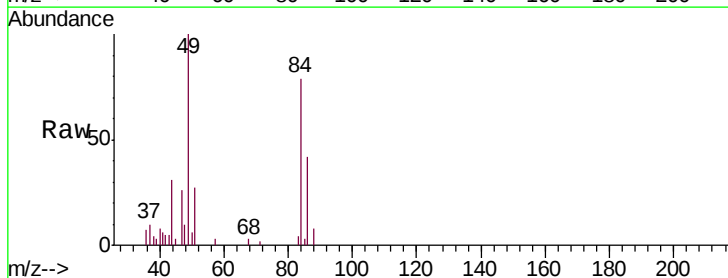
Instrument :
MSVOA_N
ClientSampleId :
T1-2-D-(0)

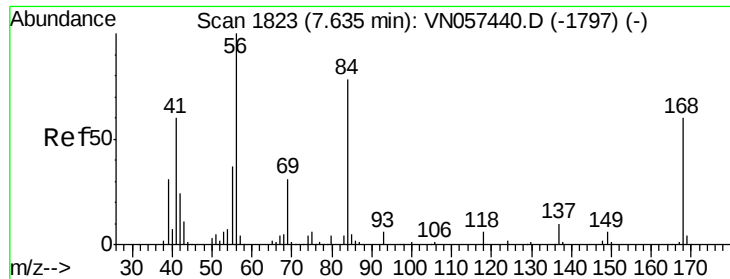
Tgt Ion: 43 Resp: 11478
Ion Ratio Lower Upper
43 100
74 23.7 15.9 23.9



#20
Methylene Chloride
Concen: 3.512 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.01 min
Lab File: VN057509.D
Acq: 26 Aug 2019 14:10

Tgt Ion: 84 Resp: 17454
Ion Ratio Lower Upper
84 100
49 127.4 117.0 175.4
51 35.0 35.5 53.3#
86 53.9 49.8 74.8

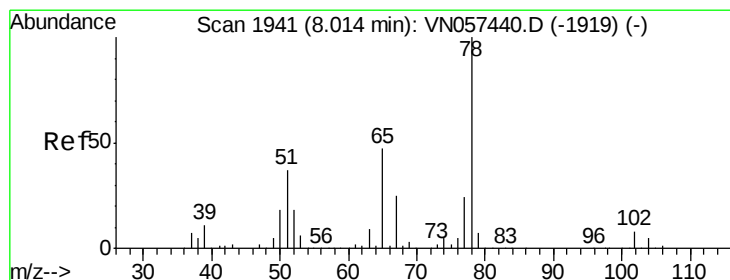
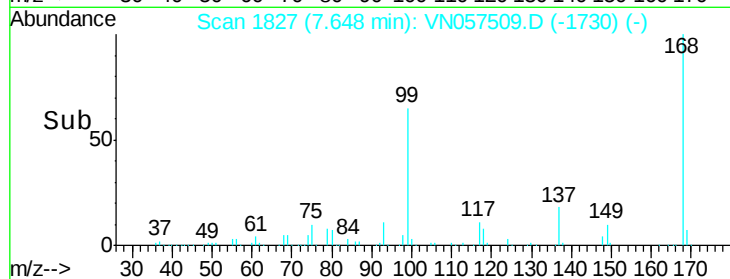
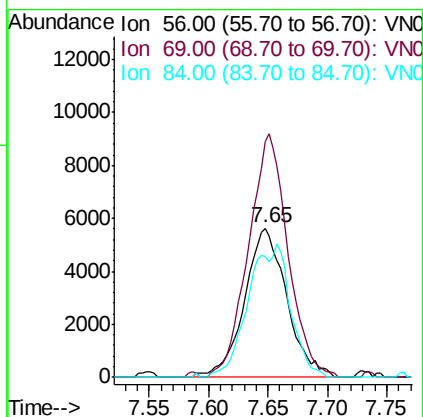
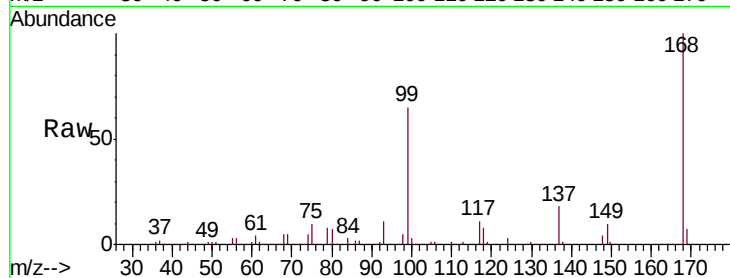




#31
Cyclohexane
Concen: 1.377 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VN057509.D
Acq: 26 Aug 2019 14:10

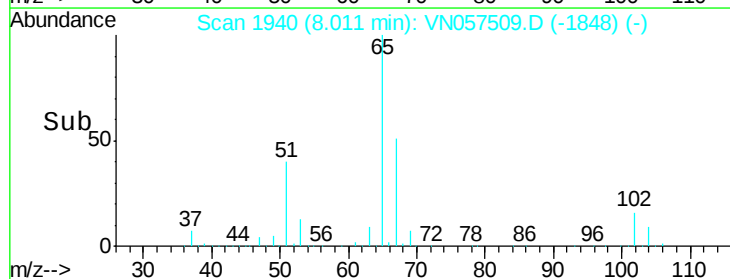
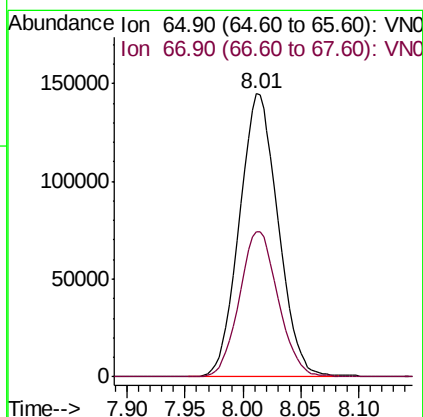
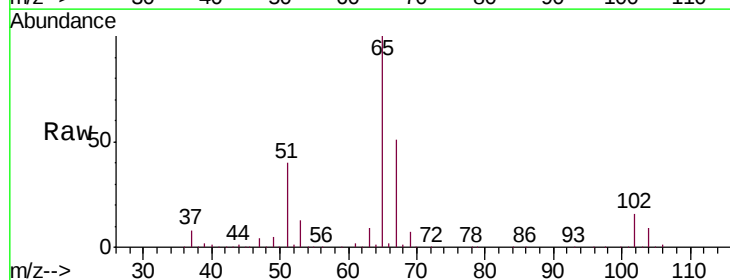
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MSVOA_N
ClientSampleId :
T1-2-D-(0)

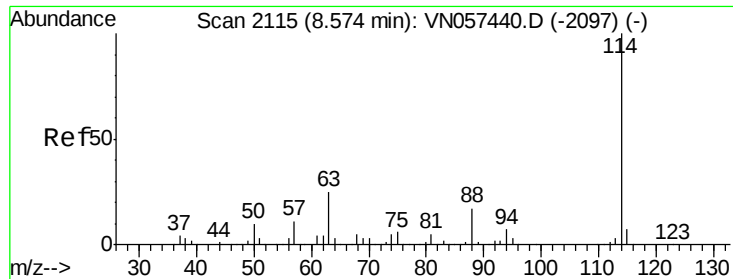
Tgt Ion: 56 Resp: 13846
Ion Ratio Lower Upper
56 100
69 158.2 25.0 37.6#
84 80.8 62.5 93.7



#33
1,2-Dichloroethane-d4
Concen: 47.074 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. -0.00 min
Lab File: VN057509.D
Acq: 26 Aug 2019 14:10

Tgt Ion: 65 Resp: 336936
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.8

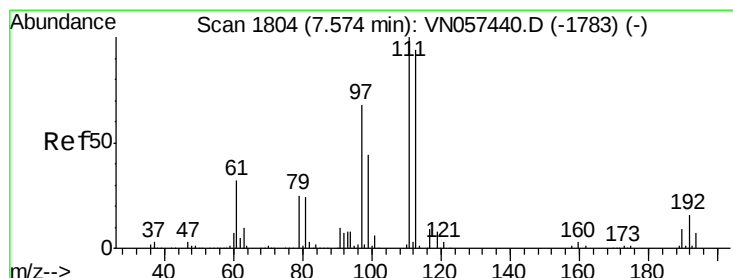
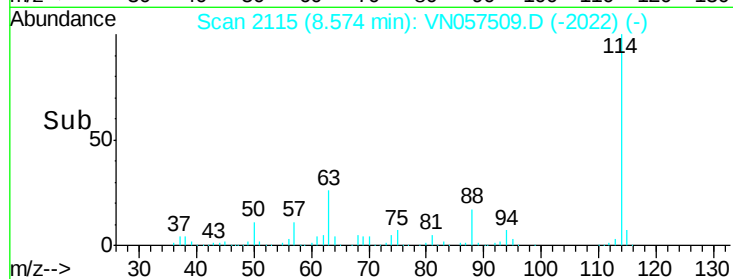
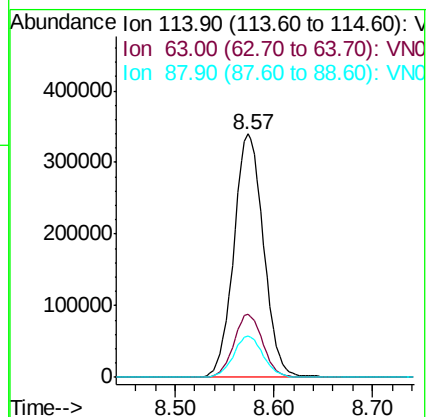
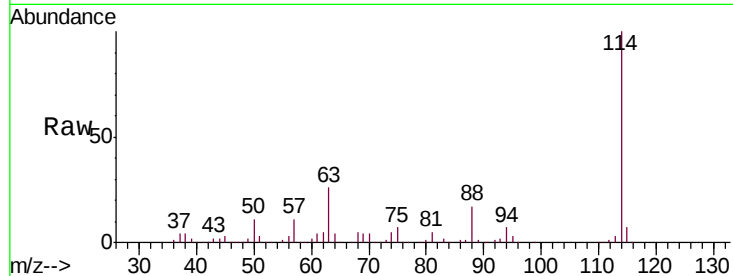




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN057509.D
 Acq: 26 Aug 2019 14:10

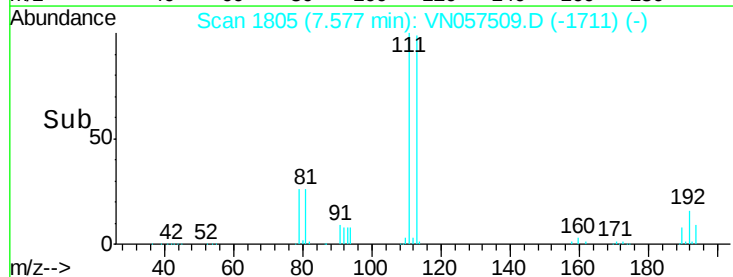
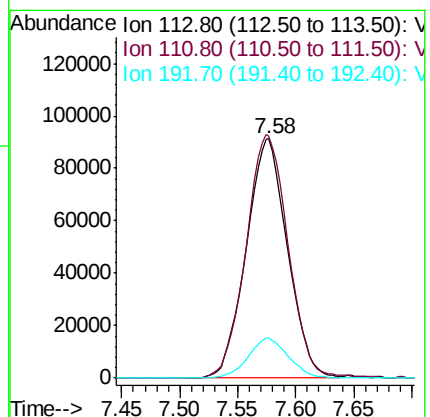
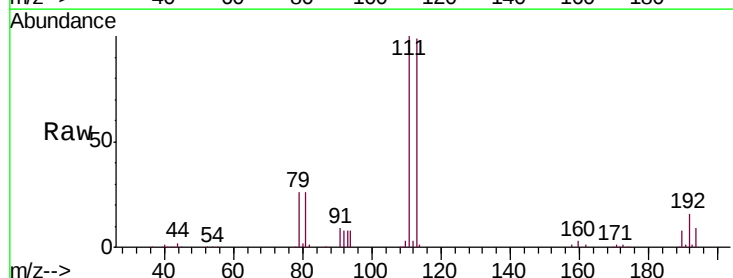
Instrument :
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 T1-2-D-(0)

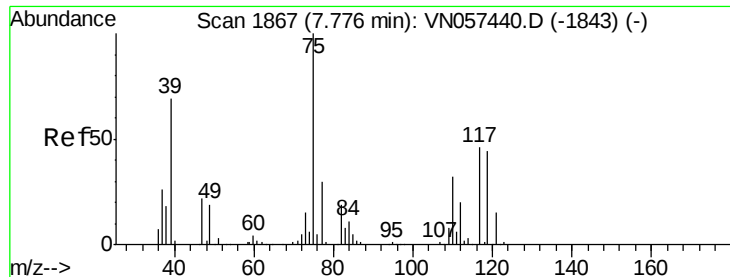
Tgt Ion:114 Resp: 711937
 Ion Ratio Lower Upper
 114 100
 63 25.8 0.0 50.2
 88 16.8 0.0 34.6



#35
 Dibromofluoromethane
 Concen: 46.950 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057509.D
 Acq: 26 Aug 2019 14:10

Tgt Ion:113 Resp: 225773
 Ion Ratio Lower Upper
 113 100
 111 103.6 83.8 125.6
 192 16.2 13.5 20.3





#36

1,1-Dichloropropene

Concen: 5.578 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.13 min

Lab File: VN057509.D

Acq: 26 Aug 2019 14:10

Instrument :

MSVOA_N

ClientSampleId :

T1-2-D-(0)

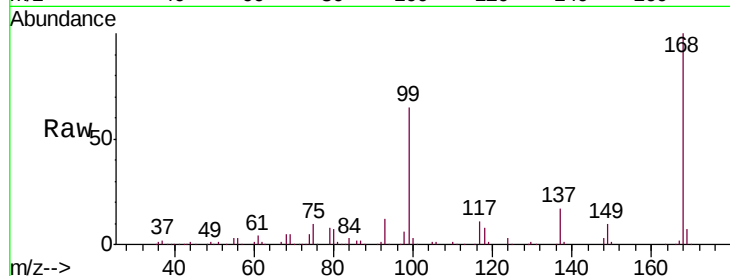
Tgt Ion: 75 Resp: 40579

Ion Ratio Lower Upper

75 100

110 8.3 16.1 48.3#

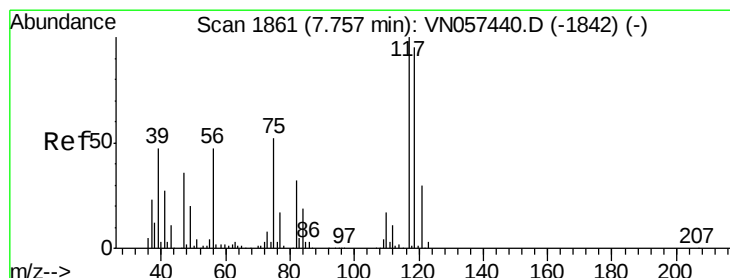
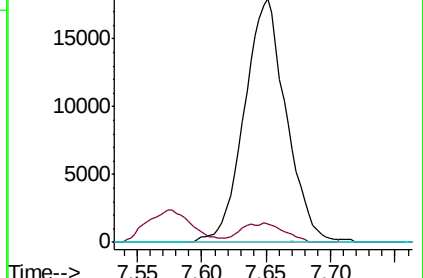
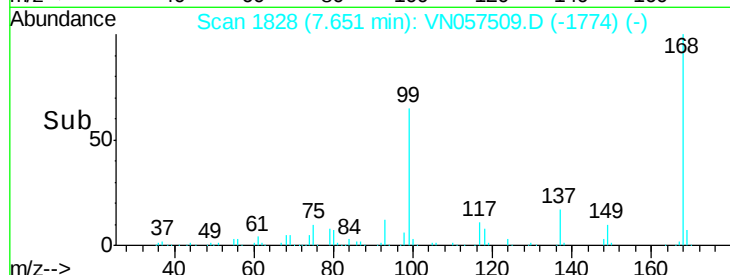
77 0.0 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VN057509.D (-1774) (-)

Ion 109.90 (109.60 to 110.60): VN057509.D (-1774) (-)

Ion 76.90 (76.60 to 77.60): VN057509.D (-1774) (-)



#38

Carbon Tetrachloride

Concen: 6.256 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.11 min

Lab File: VN057509.D

Acq: 26 Aug 2019 14:10

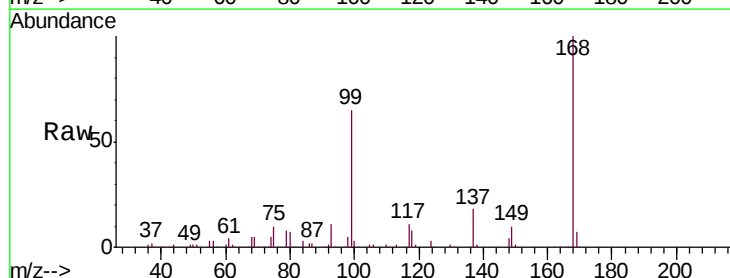
Tgt Ion: 117 Resp: 45209

Ion Ratio Lower Upper

117 100

119 4.5 76.2 114.4#

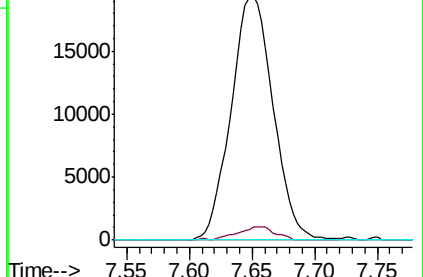
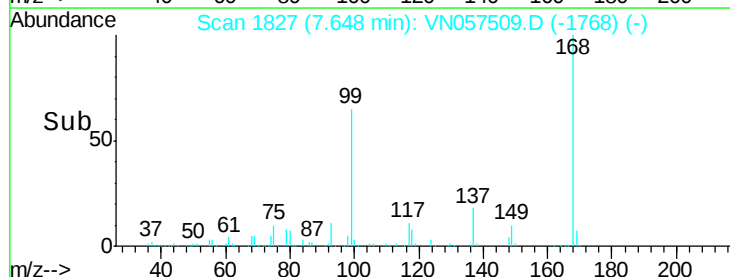
121 0.0 23.8 35.6#

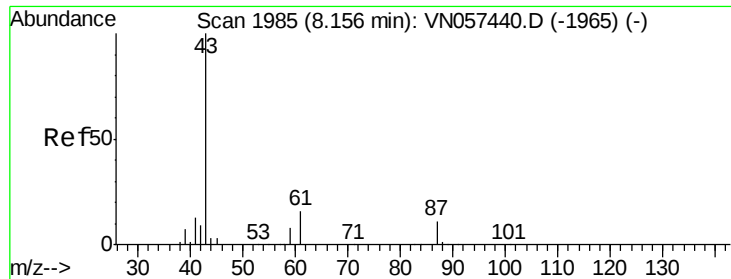


Abundance Ion 116.80 (116.50 to 117.50): VN057509.D (-1768) (-)

Ion 118.80 (118.50 to 119.50): VN057509.D (-1768) (-)

Ion 120.80 (120.50 to 121.50): VN057509.D (-1768) (-)

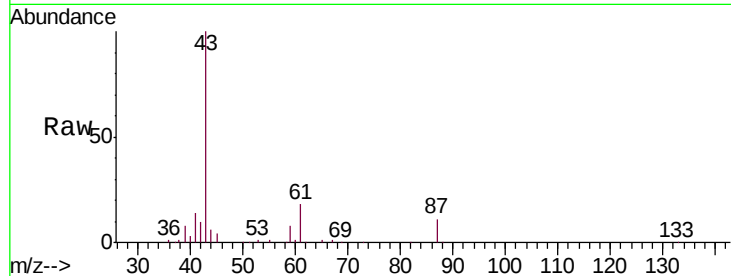




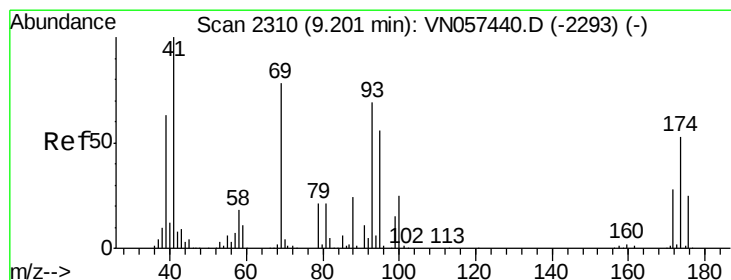
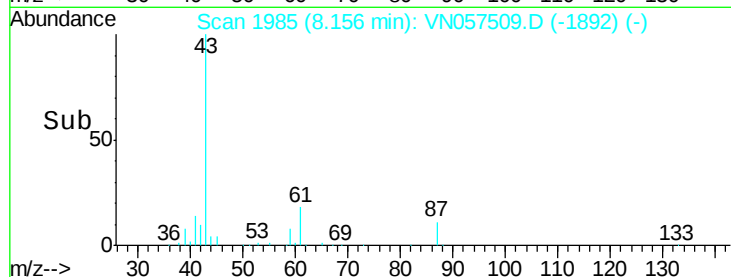
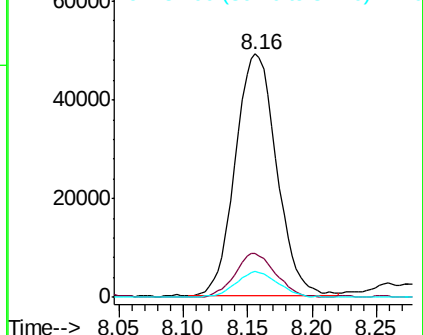
#43
Isopropyl Acetate
Concen: 8.335 ug/l
RT: 8.16 min Scan# 1985
Delta R.T. -0.00 min
Lab File: VN057509.D
Acq: 26 Aug 2019 14:10

Instrument :
MSVOA_N
ClientSampleId :
T1-2-D-(0)

Tgt Ion: 43 Resp: 109856
Ion Ratio Lower Upper
43 100
61 17.8 14.5 21.7
87 10.8 8.6 12.8

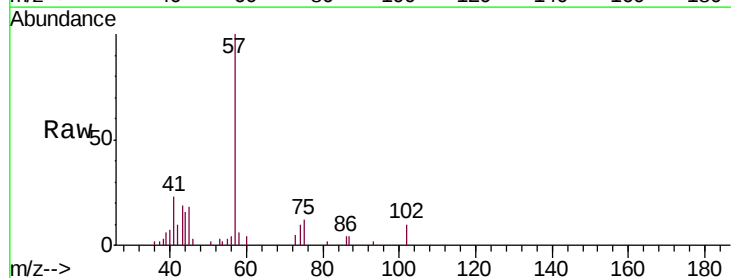


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

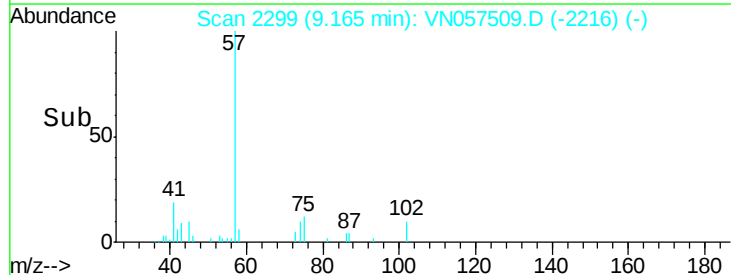
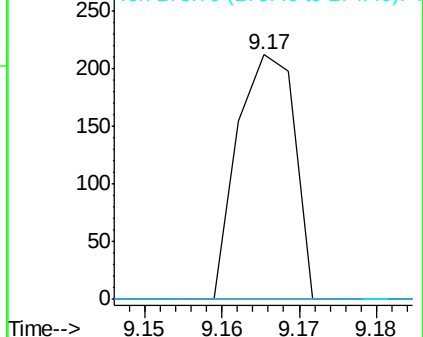


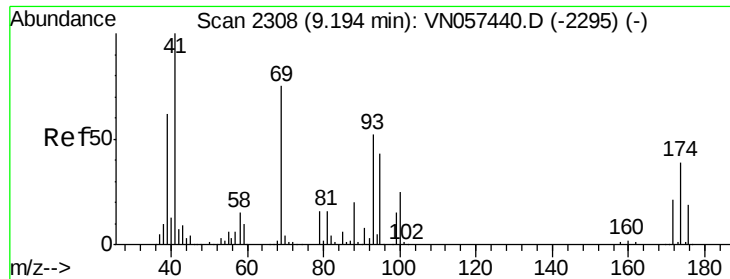
#46
Dibromomethane
Concen: Below Cal
RT: 9.17 min Scan# 2299
Delta R.T. -0.03 min
Lab File: VN057509.D
Acq: 26 Aug 2019 14:10

Tgt Ion: 93 Resp: 109
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): VN0
Ion 94.80 (94.50 to 95.50): VN0
Ion 173.70 (173.40 to 174.40): V

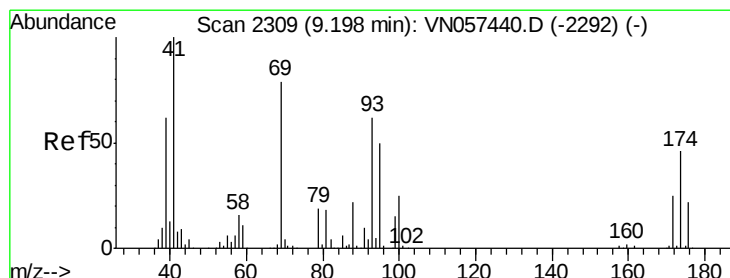
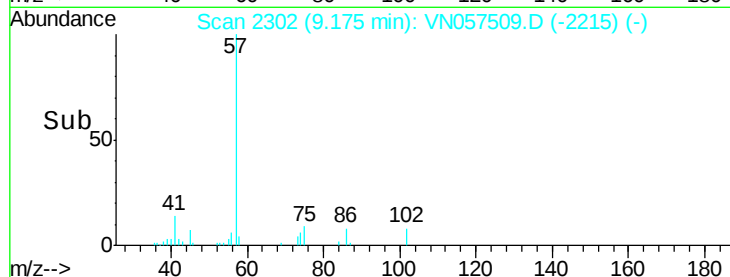
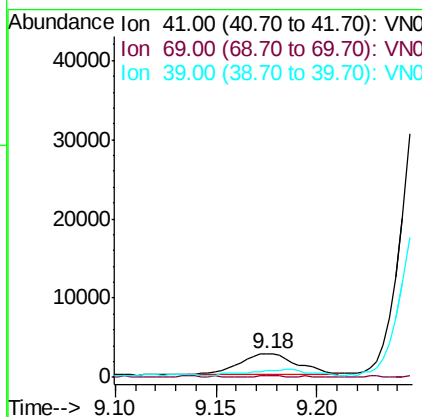
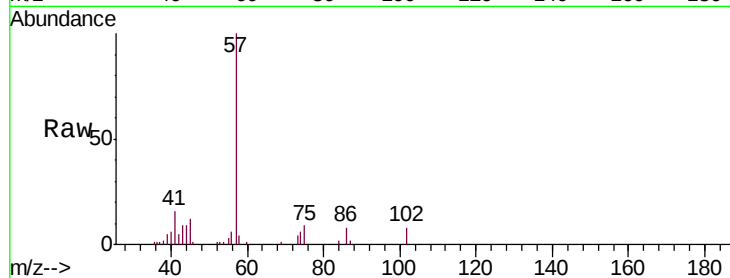




#48
Methyl methacrylate
Concen: 0.869 ug/l
RT: 9.18 min Scan# 2302
Delta R.T. -0.02 min
Lab File: VN057509.D
Acq: 26 Aug 2019 14:10

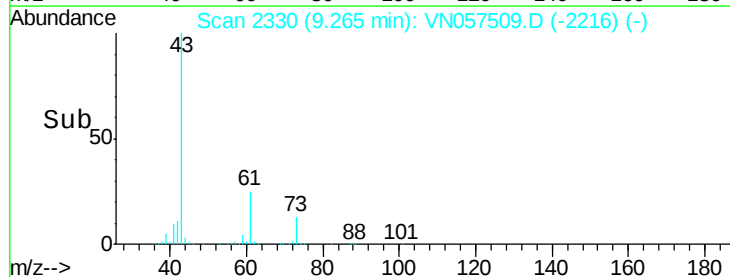
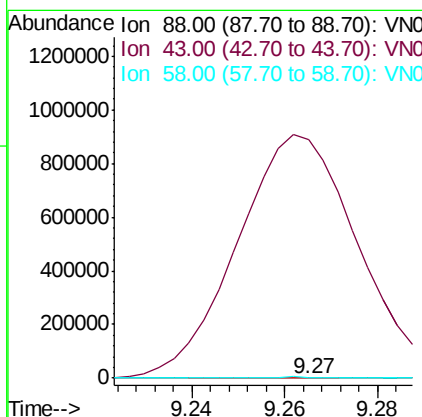
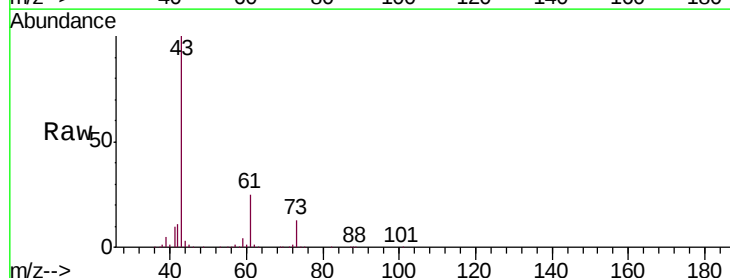
Instrument :
MSVOA_N
ClientSampled :
T1-2-D-(0)

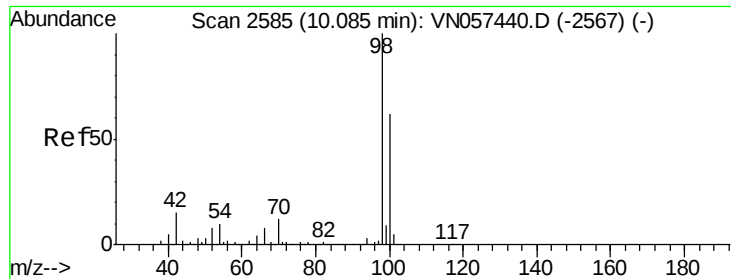
Tgt Ion: 41 Resp: 5445
Ion Ratio Lower Upper
41 100
69 2.6 59.3 88.9#
39 0.0 50.6 75.8#



#49
1,4-Dioxane
Concen: 4.306 ug/l
RT: 9.27 min Scan# 2330
Delta R.T. 0.07 min
Lab File: VN057509.D
Acq: 26 Aug 2019 14:10

Tgt Ion: 88 Resp: 349
Ion Ratio Lower Upper
88 100
43 480627.2 31.0 46.6#
58 1951.6 64.5 96.7#





#50

Toluene-d8

Concen: 50.898 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057509.D

Acq: 26 Aug 2019 14:10

Instrument :

MSVOA_N

ClientSampled :

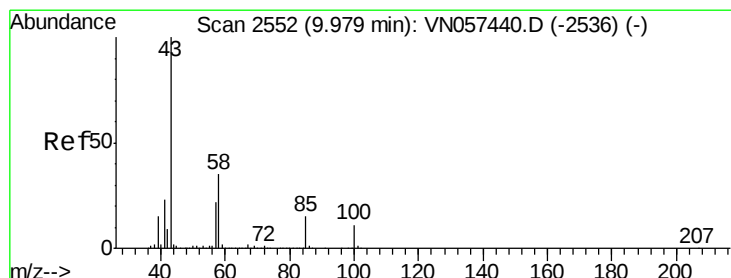
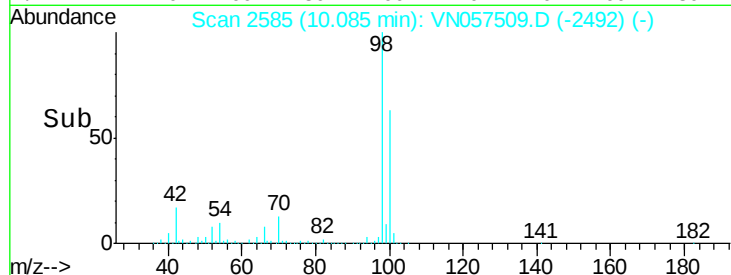
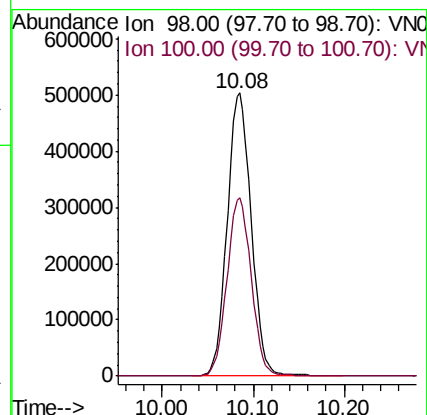
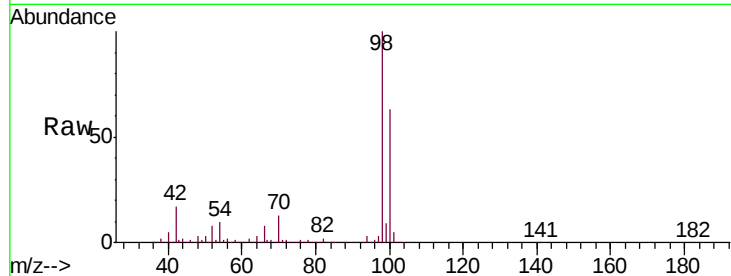
T1-2-D-(0)

Tgt Ion: 98 Resp: 925490

Ion Ratio Lower Upper

98 100

100 63.4 50.4 75.6



#51

4-Methyl-2-Pentanone

Concen: 0.763 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN057509.D

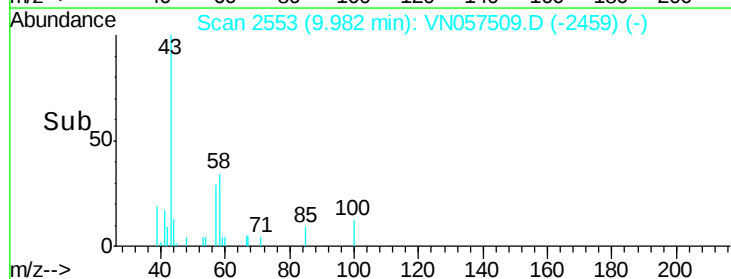
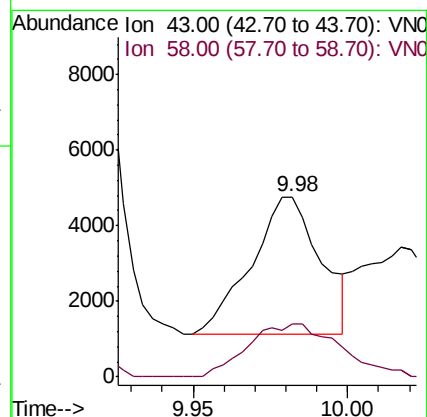
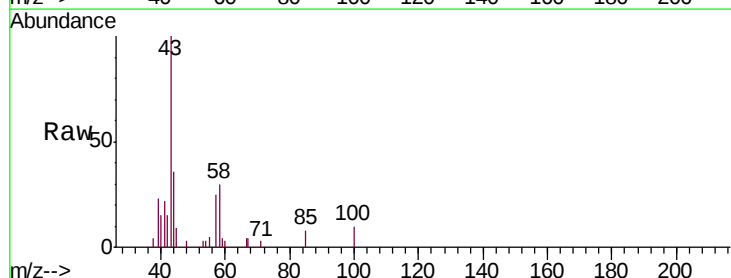
Acq: 26 Aug 2019 14:10

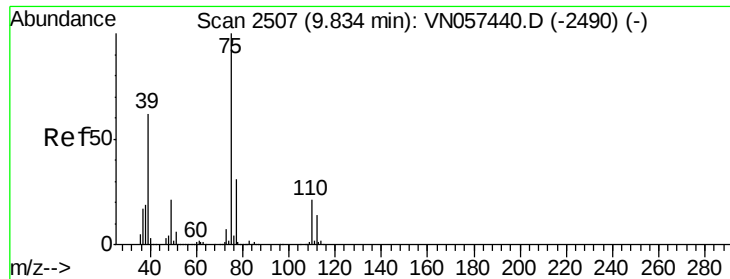
Tgt Ion: 43 Resp: 5608

Ion Ratio Lower Upper

43 100

58 51.9 27.9 41.9#





#54

cis-1,3-Dichloropropene

Concen: 4.581 ug/l

RT: 9.90 min Scan# 2528

Delta R.T. 0.07 min

Lab File: VN057509.D

Acq: 26 Aug 2019 14:10

Instrument :

MSVOA_N

ClientSampleId :

T1-2-D-(0)

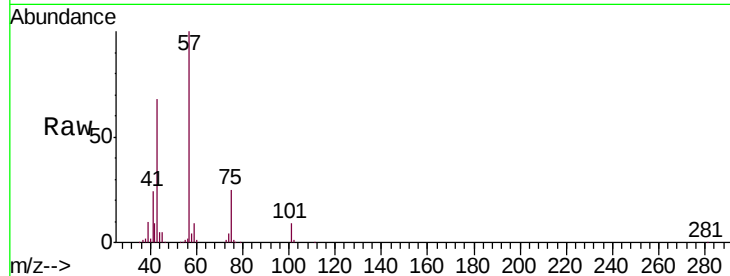
Tgt Ion: 75 Resp: 43338

Ion Ratio Lower Upper

75 100

77 1.2 25.0 37.6#

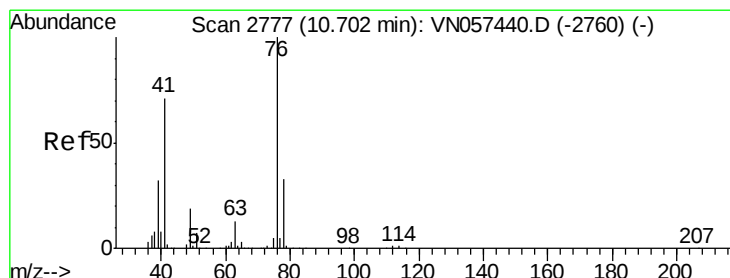
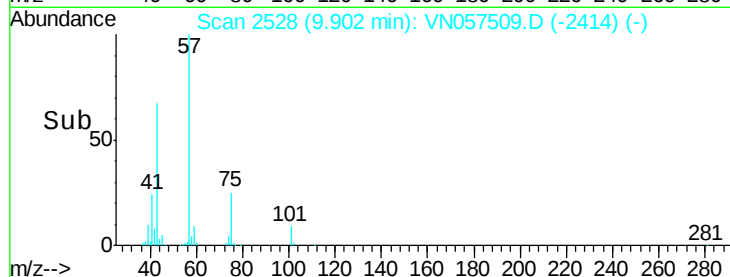
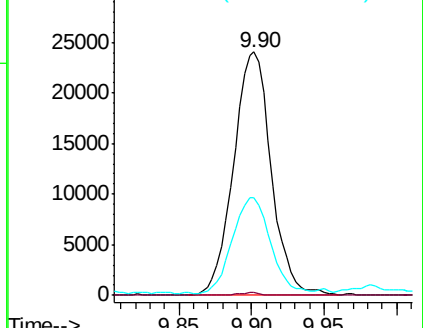
39 39.2 49.2 73.8#



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 76.90 (76.60 to 77.60): VNC

Ion 39.00 (38.70 to 39.70): VNC



#57

1,3-Dichloropropane

Concen: 0.666 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. 0.05 min

Lab File: VN057509.D

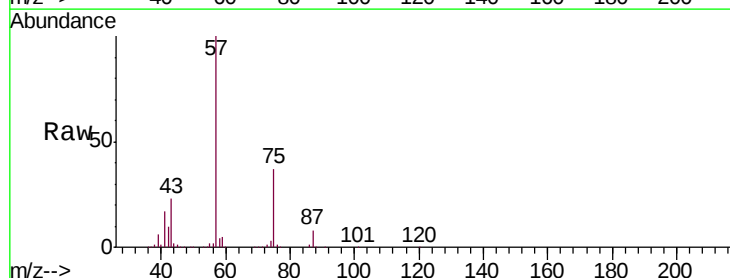
Acq: 26 Aug 2019 14:10

Tgt Ion: 76 Resp: 5899

Ion Ratio Lower Upper

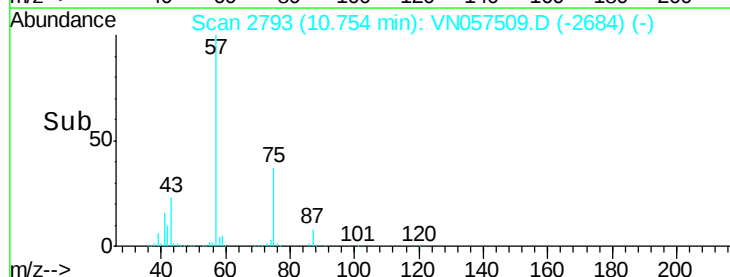
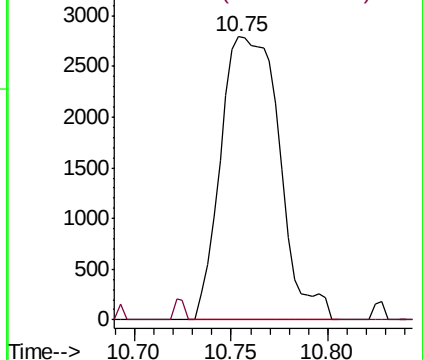
76 100

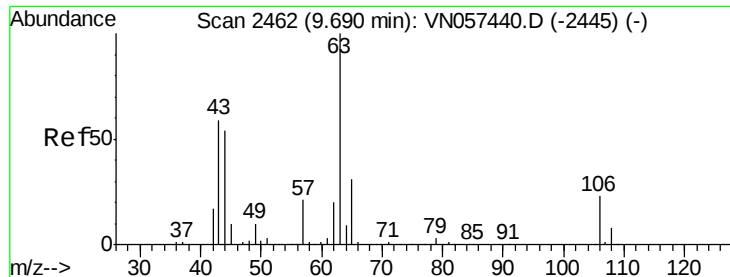
78 0.0 25.5 38.3#



Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC

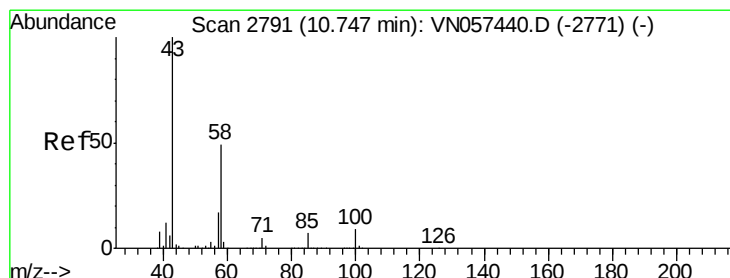
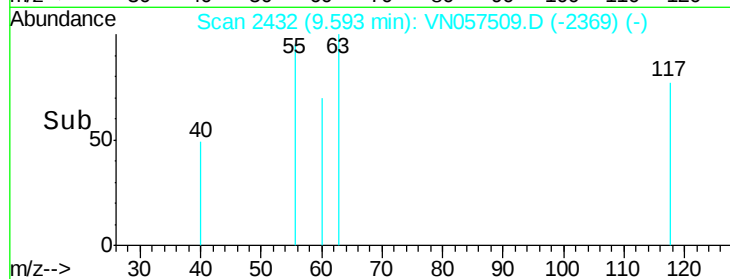
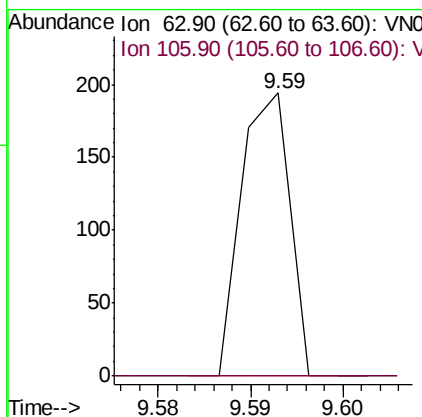
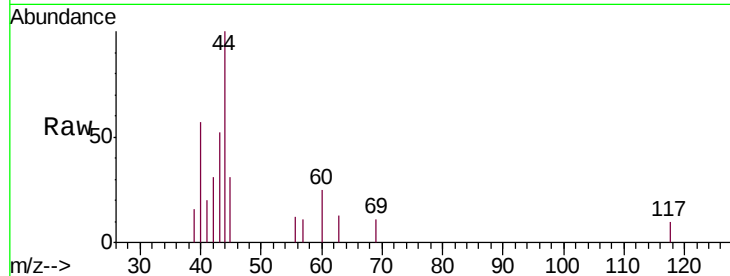




#58
 2-Chloroethyl Vinyl ether
 Concen: 17.094 ug/l
 RT: 9.59 min Scan# 2432
 Delta R.T. -0.10 min
 Lab File: VN057509.D
 Acq: 26 Aug 2019 14:10

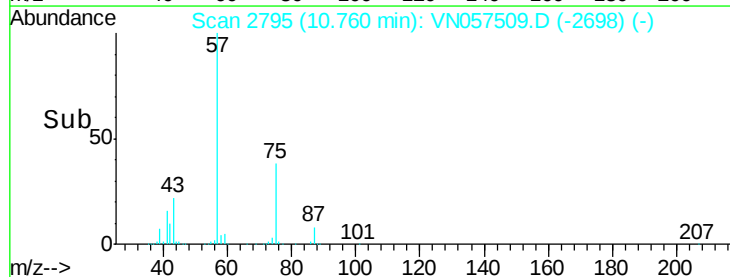
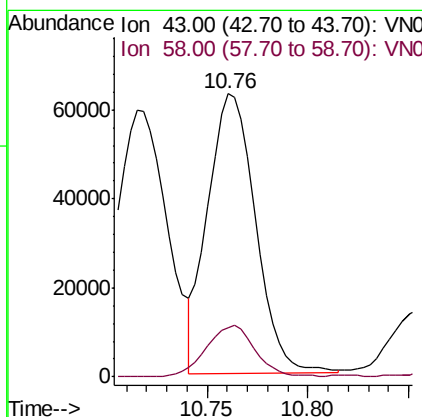
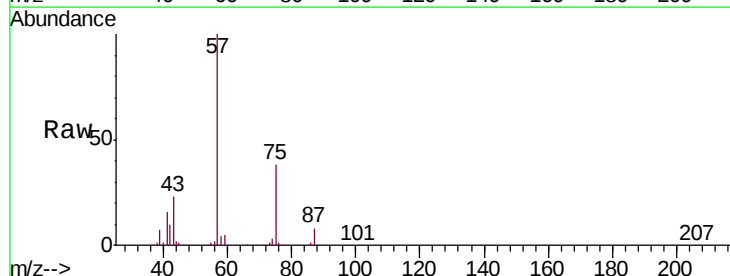
Instrument :
 MSVOA_N
 ClientSampleId :
 T1-2-D-(0)

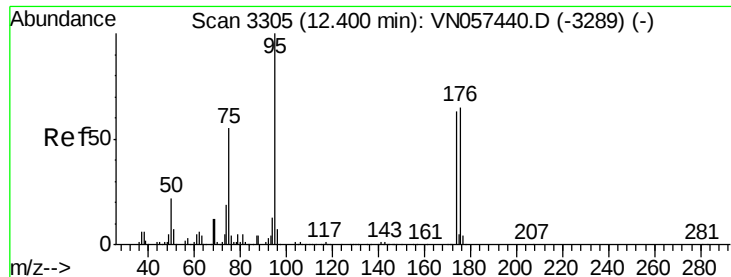
Tgt Ion: 63 Resp: 70
 Ion Ratio Lower Upper
 63 100
 106 0.0 18.6 27.8#



#59
 2-Hexanone
 Concen: 20.527 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.01 min
 Lab File: VN057509.D
 Acq: 26 Aug 2019 14:10

Tgt Ion: 43 Resp: 103423
 Ion Ratio Lower Upper
 43 100
 58 18.9 24.6 73.6#





#62

4-Bromofluorobenzene

Concen: 41.633 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057509.D

Acq: 26 Aug 2019 14:10

Instrument :

MSVOA_N

ClientSampleId :

T1-2-D-(0)

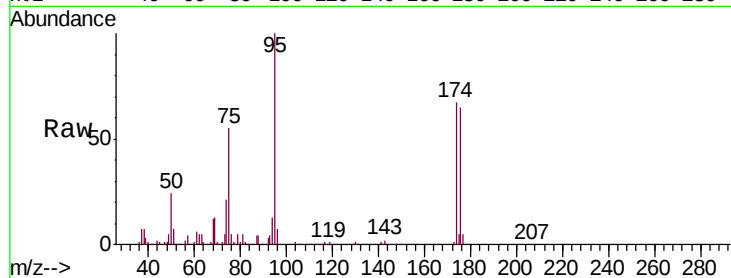
Tgt Ion: 95 Resp: 256544

Ion Ratio Lower Upper

95 100

174 66.6 0.0 133.0

176 65.3 0.0 130.8

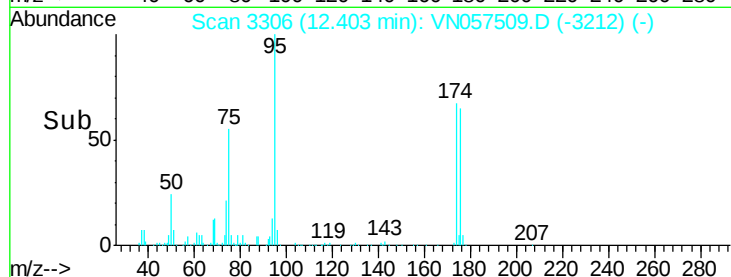


Abundance Ion 94.90 (94.60 to 95.60): VN057440.D (-3289) (-)

Ion 173.80 (173.50 to 174.50): VN057440.D (-3289) (-)

Ion 175.80 (175.50 to 176.50): VN057440.D (-3289) (-)

Time--> 12.30 12.40 12.50

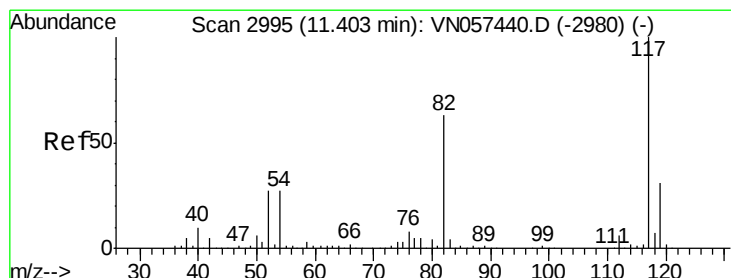


Abundance Ion 94.90 (94.60 to 95.60): VN057509.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN057509.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN057509.D (-3212) (-)

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057509.D

Acq: 26 Aug 2019 14:10

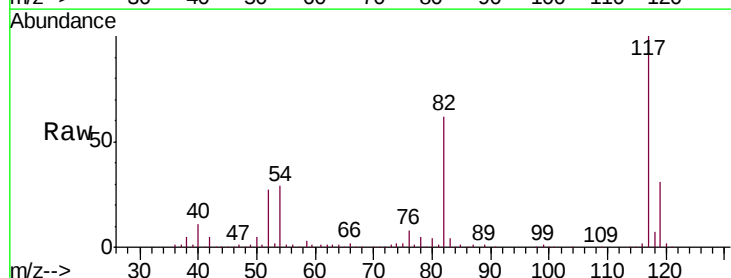
Tgt Ion: 117 Resp: 605596

Ion Ratio Lower Upper

117 100

82 61.6 50.6 75.8

119 31.4 24.6 36.8

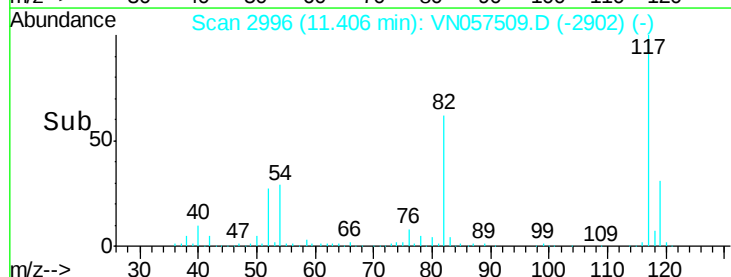


Abundance Ion 116.90 (116.60 to 117.60): VN057440.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN057440.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN057440.D (-2980) (-)

Time--> 11.30 11.40 11.50

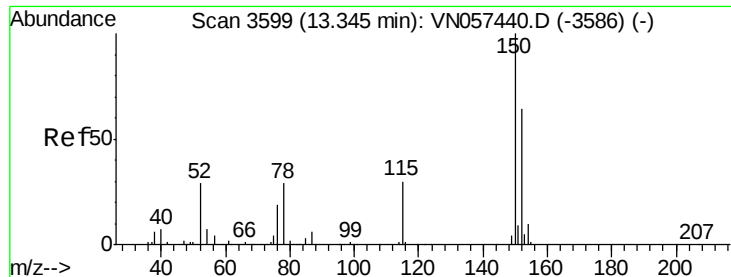


Abundance Ion 116.90 (116.60 to 117.60): VN057509.D (-2902) (-)

Ion 82.00 (81.70 to 82.70): VN057509.D (-2902) (-)

Ion 118.90 (118.60 to 119.60): VN057509.D (-2902) (-)

Time--> 11.30 11.40 11.50



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057509.D

Acq: 26 Aug 2019 14:10

Instrument :

MSVOA_N

ClientSampleId :

T1-2-D-(0)

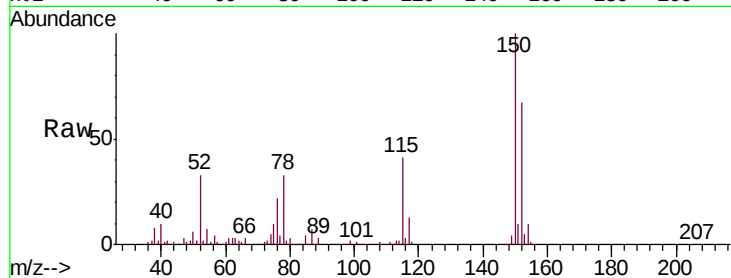
Tgt Ion:152 Resp: 152454

Ion Ratio Lower Upper

152 100

115 62.9 32.0 96.0

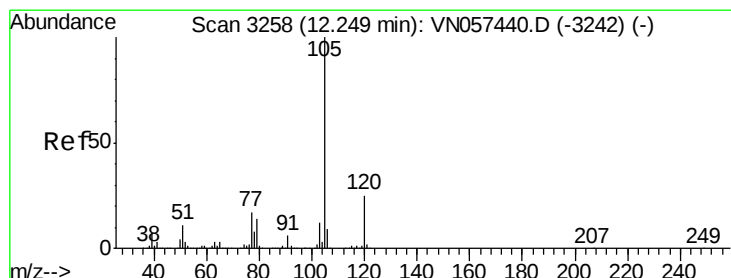
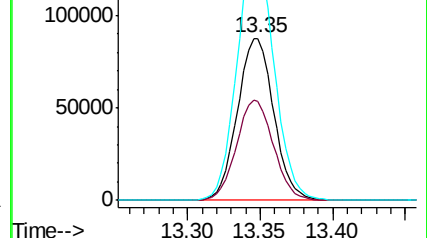
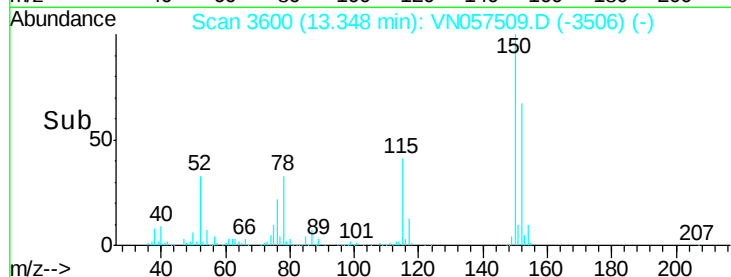
150 155.2 0.0 346.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN057509.D

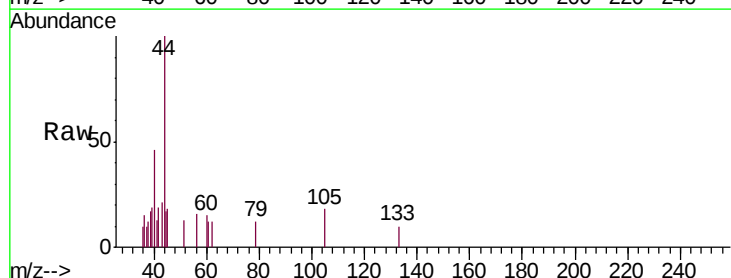
Acq: 26 Aug 2019 14:10

Tgt Ion:105 Resp: 215

Ion Ratio Lower Upper

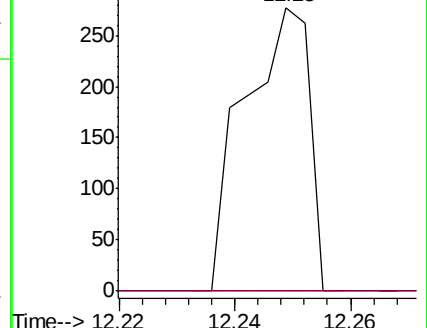
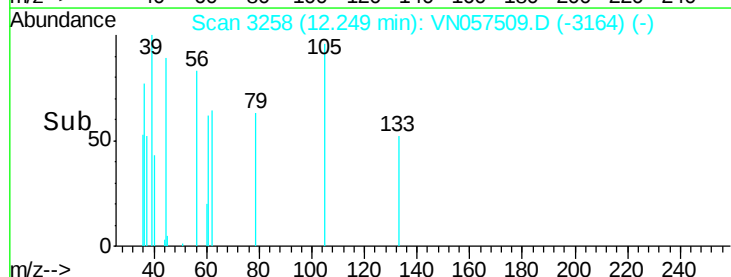
105 100

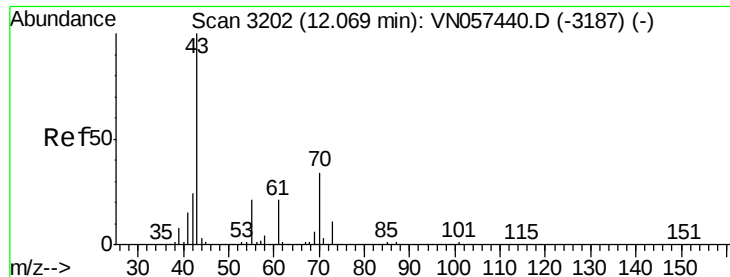
120 0.0 12.7 38.0#



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: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN057509.D

Acq: 26 Aug 2019 14:10

Instrument :

MSVOA_N

ClientSampleId :

T1-2-D-(0)

Tgt Ion: 43 Resp: 4271

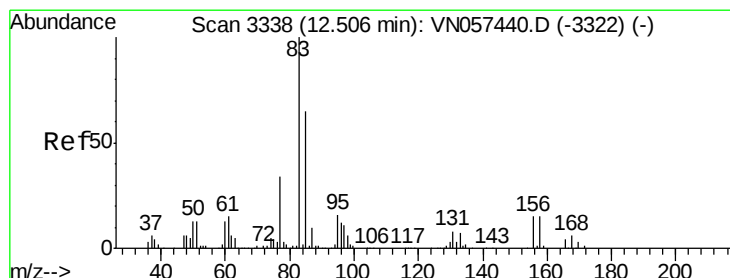
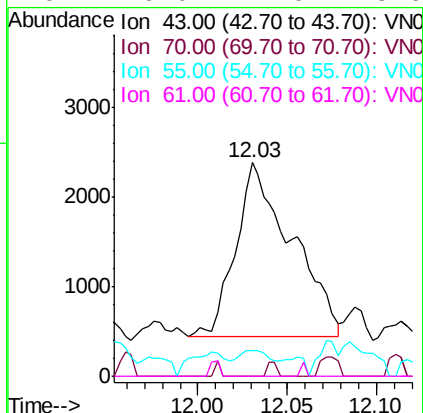
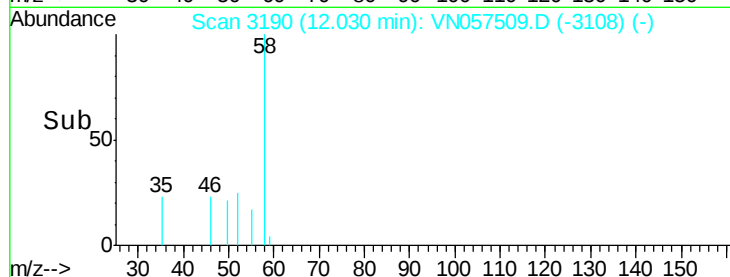
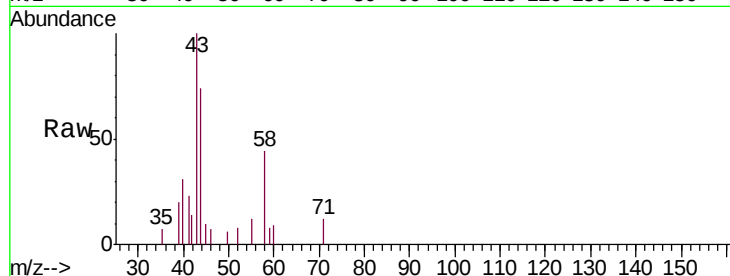
Ion Ratio Lower Upper

43 100

70 1.4 27.8 41.6#

55 3.4 17.0 25.4#

61 0.0 17.0 25.6#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.55 min Scan# 3352

Delta R.T. 0.05 min

Lab File: VN057509.D

Acq: 26 Aug 2019 14:10

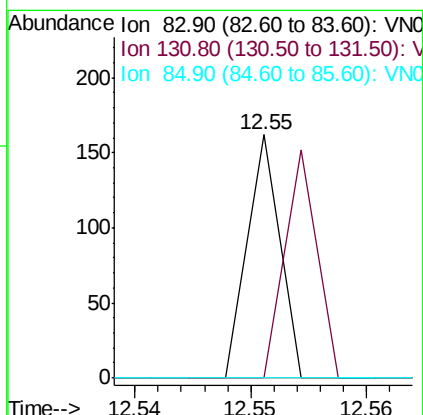
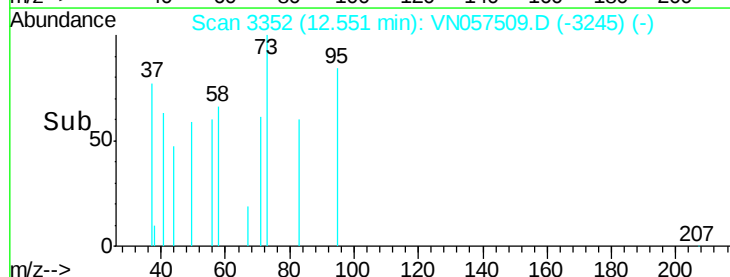
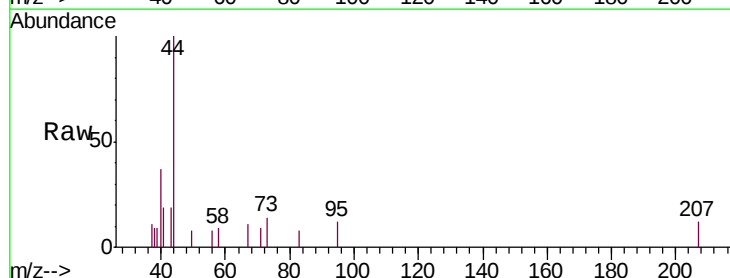
Tgt Ion: 83 Resp: 31

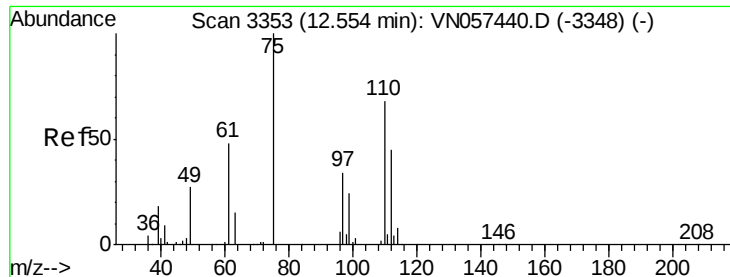
Ion Ratio Lower Upper

83 100

131 93.5 4.3 13.1#

85 0.0 32.3 96.8#





#76

1,2,3-Trichloropropane

Concen: 42.666 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN057509.D

Acq: 26 Aug 2019 14:10

Instrument :

MSVOA_N

ClientSampleId :

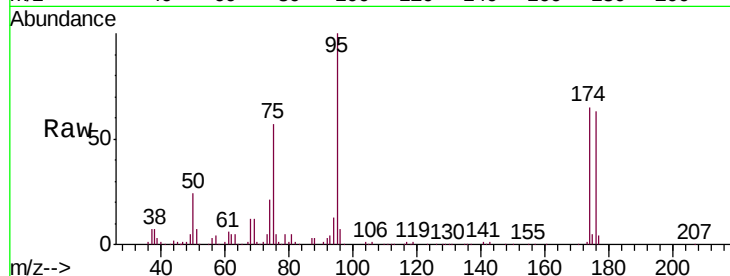
T1-2-D-(0)

Tgt Ion: 75 Resp: 145824

Ion Ratio Lower Upper

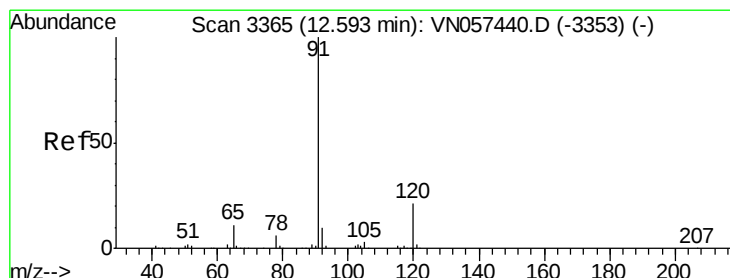
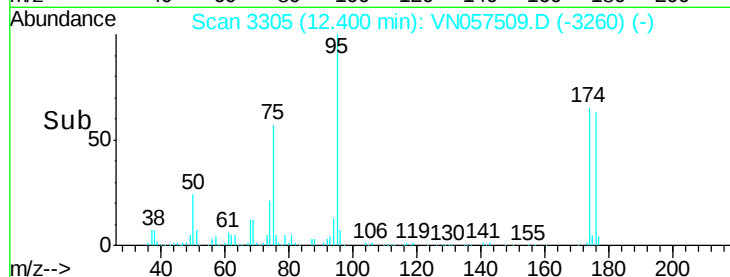
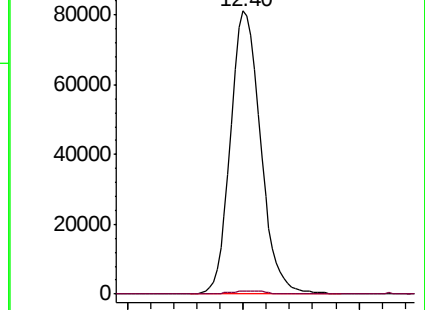
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN057440.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN057440.D (-3348) (-)



#78

n-propylbenzene

Concen: Below Cal

RT: 12.60 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN057509.D

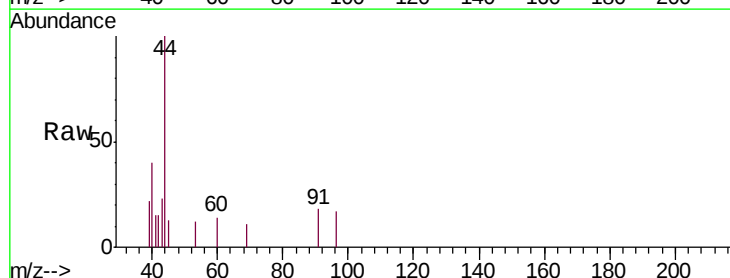
Acq: 26 Aug 2019 14:10

Tgt Ion: 91 Resp: 268

Ion Ratio Lower Upper

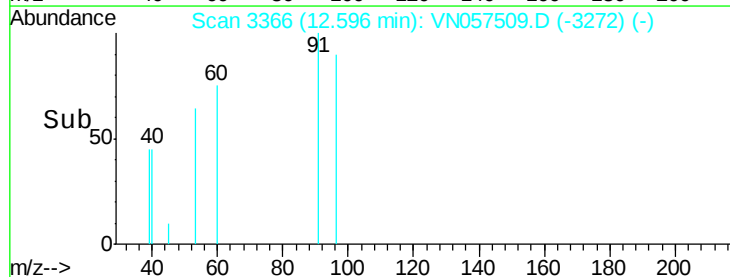
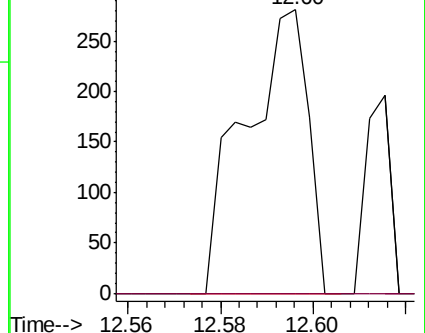
91 100

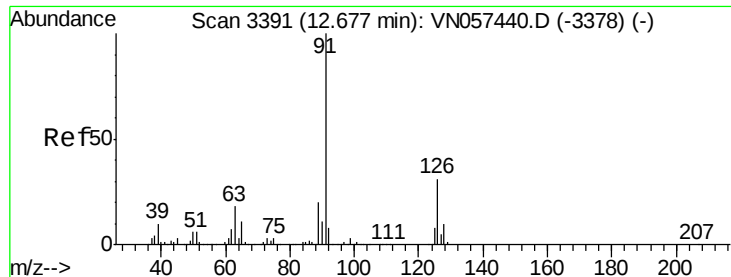
120 0.0 10.7 32.1#



Abundance Ion 91.00 (90.70 to 91.70): VN057440.D (-3353) (-)

Ion 120.00 (119.70 to 120.70): VN057440.D (-3353) (-)





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.68 min Scan# 3393

Delta R.T. 0.01 min

Lab File: VN057509.D

Acq: 26 Aug 2019 14:10

Instrument :

MSVOA_N

ClientSampleId :

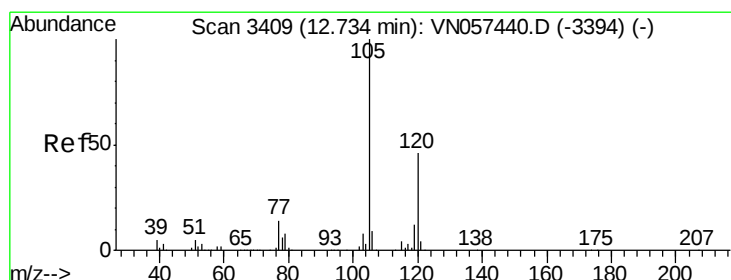
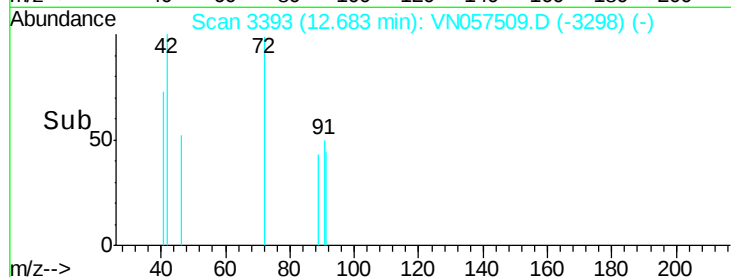
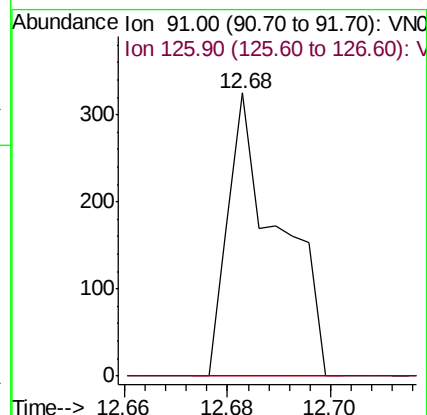
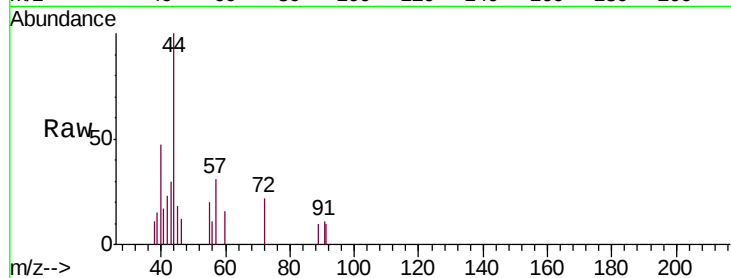
T1-2-D-(0)

Tgt Ion: 91 Resp: 221

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# 3408

Delta R.T. -0.00 min

Lab File: VN057509.D

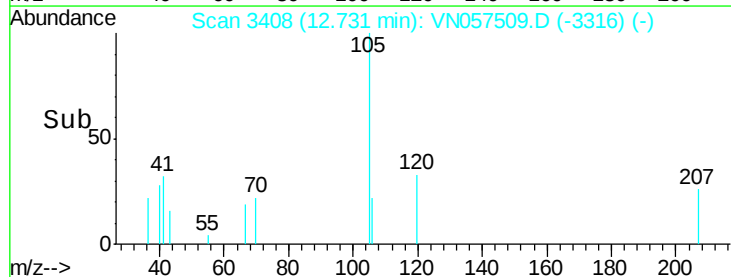
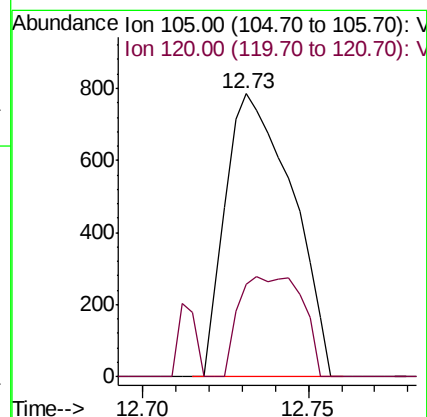
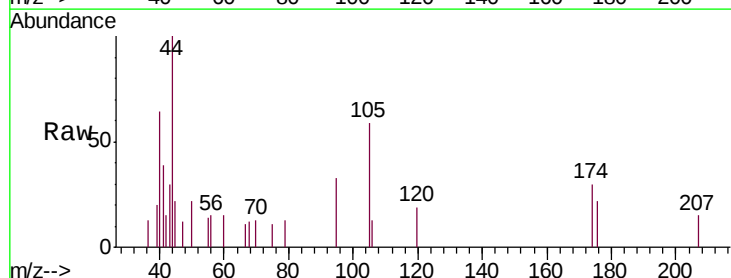
Acq: 26 Aug 2019 14:10

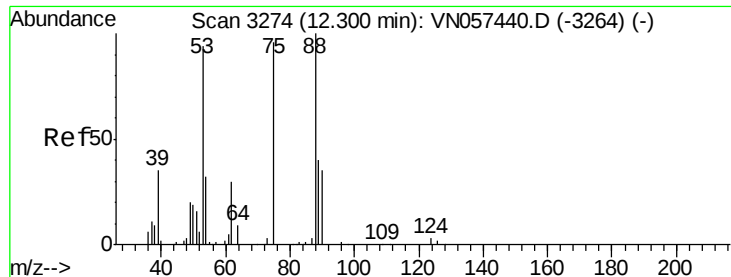
Tgt Ion: 105 Resp: 1103

Ion Ratio Lower Upper

105 100

120 33.5 23.3 69.8





#81

trans-1,4-Dichloro-2-butene

Concen: 109.706 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN057509.D

Acq: 26 Aug 2019 14:10

Instrument :

MSVOA_N

ClientSampleId :

T1-2-D-(0)

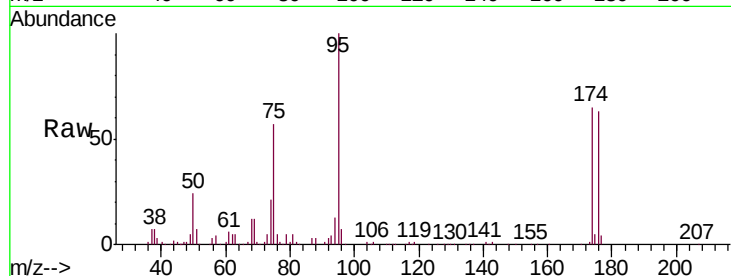
Tgt Ion: 75 Resp: 145824

Ion Ratio Lower Upper

75 100

53 0.1 82.7 124.1#

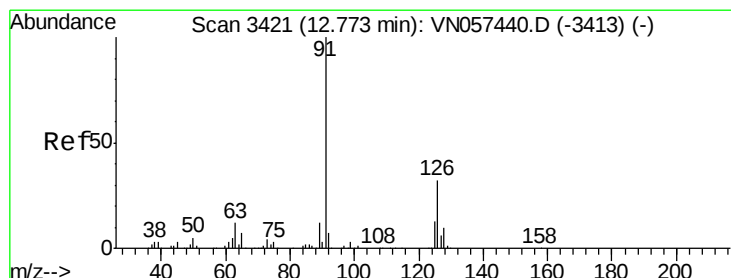
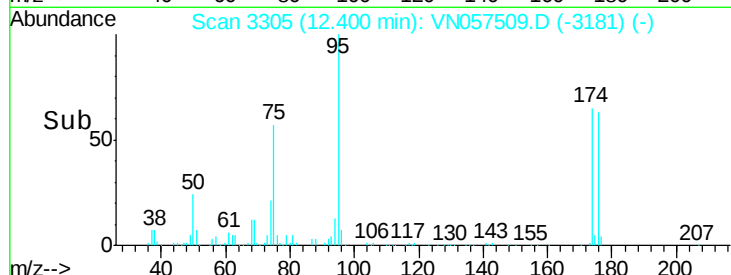
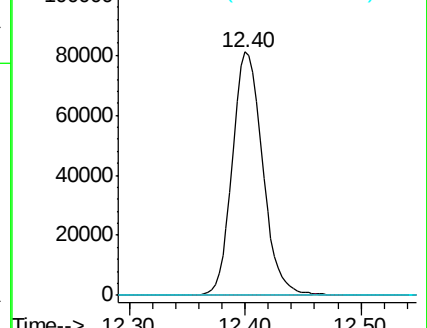
89 0.0 35.8 53.8#



Abundance Ion 74.90 (74.60 to 75.60): VN057509.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN057509.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN057509.D (-3181) (-)



#82

4-Chlorotoluene

Concen: Below Cal

RT: 12.78 min Scan# 3423

Delta R.T. 0.01 min

Lab File: VN057509.D

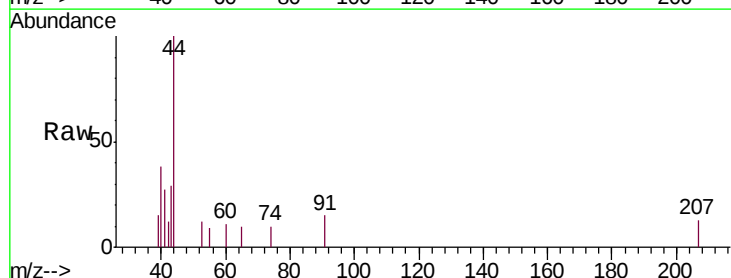
Acq: 26 Aug 2019 14:10

Tgt Ion: 91 Resp: 193

Ion Ratio Lower Upper

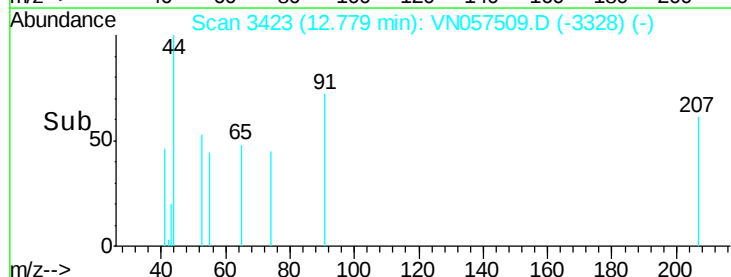
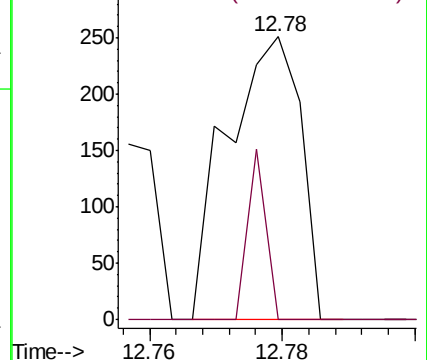
91 100

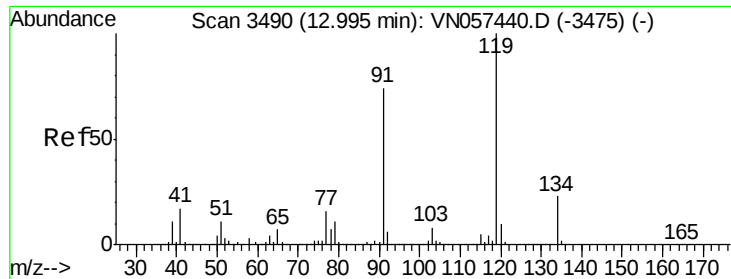
126 15.0 15.0 45.0



Abundance Ion 91.00 (90.70 to 91.70): VN057509.D (-3328) (-)

Ion 125.90 (125.60 to 126.60): VN057509.D (-3328) (-)

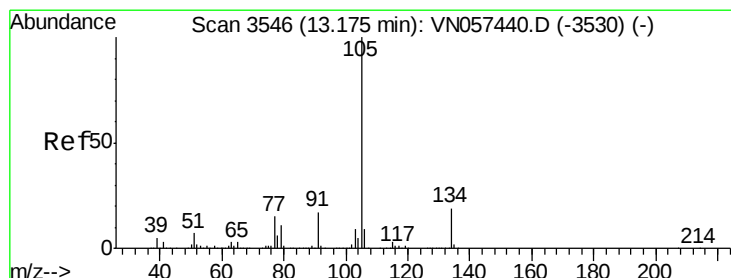
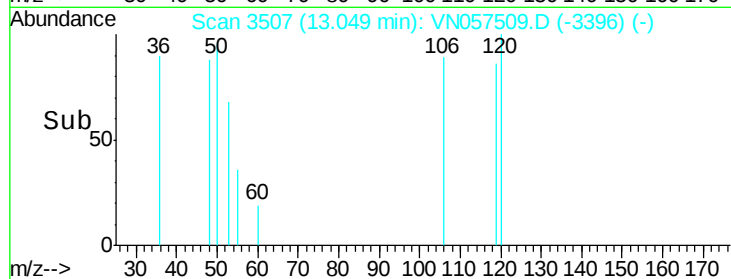
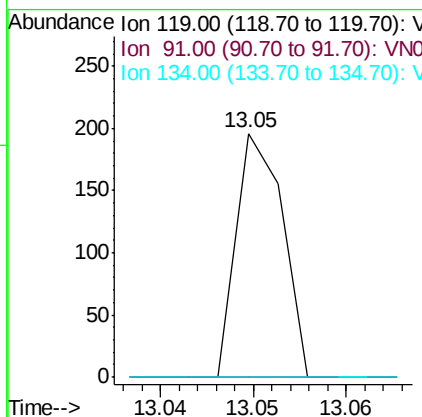
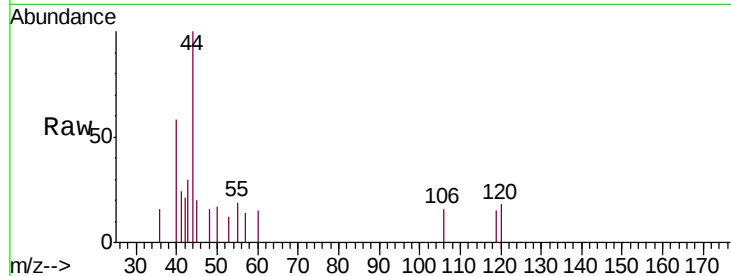




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 13.05 min Scan# 3507
 Delta R.T. 0.06 min
 Lab File: VN057509.D
 Acq: 26 Aug 2019 14:10

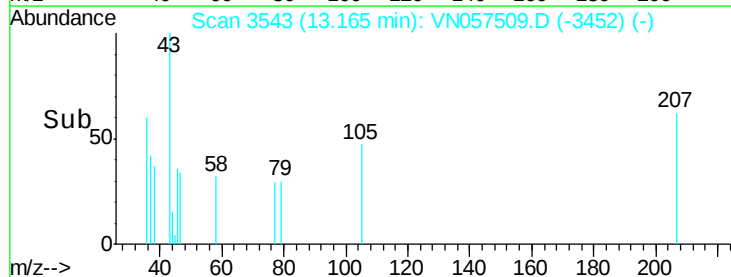
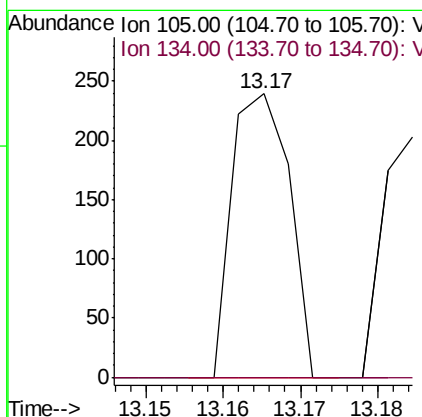
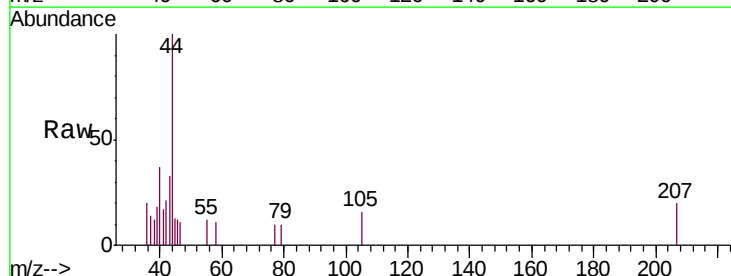
Instrument :
 MSVOA_N
 ClientSampleId :
 T1-2-D-(0)

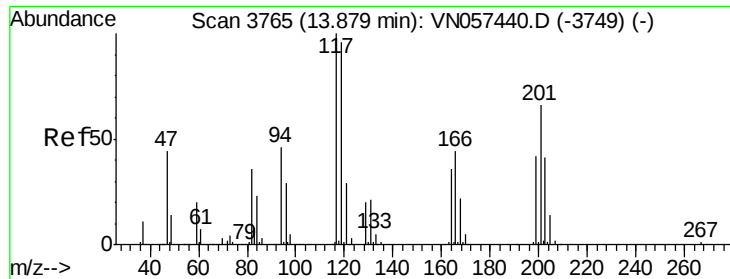
Tgt Ion:119 Resp: 68
 Ion Ratio Lower Upper
 119 100
 91 0.0 37.0 111.0#
 134 0.0 12.2 36.6#



#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 13.17 min Scan# 3543
 Delta R.T. -0.01 min
 Lab File: VN057509.D
 Acq: 26 Aug 2019 14:10

Tgt Ion:105 Resp: 124
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.3 27.9#





#90

Hexachloroethane

Concen: Below Cal

RT: 13.75 min Scan# 3726

Delta R.T. -0.13 min

Lab File: VN057509.D

Acq: 26 Aug 2019 14:10

Instrument :

MSVOA_N

ClientSampleId :

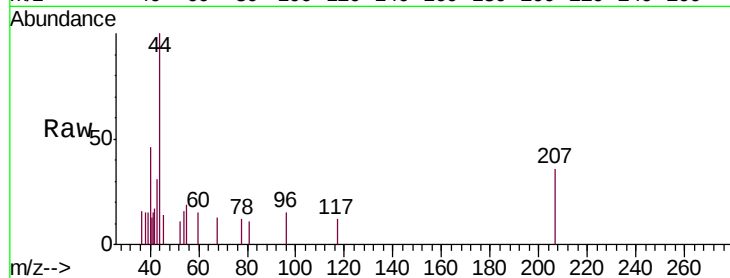
T1-2-D-(0)

Tgt Ion:117 Resp: 32

Ion Ratio Lower Upper

117 100

201 0.0 33.1 99.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.75

150

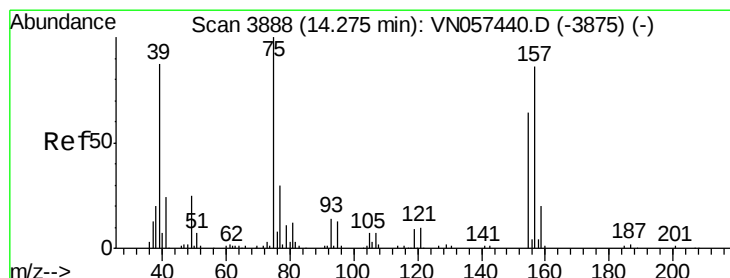
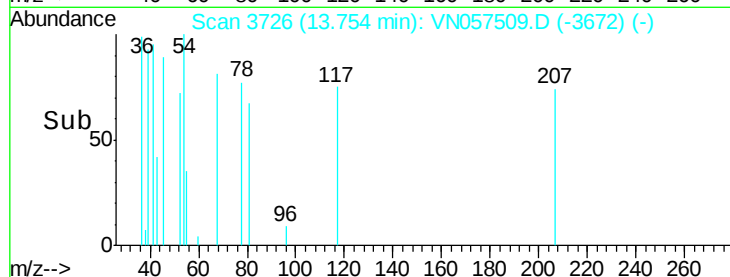
100

50

0

Time-->

13.75 13.76



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.29 min Scan# 3894

Delta R.T. 0.02 min

Lab File: VN057509.D

Acq: 26 Aug 2019 14:10

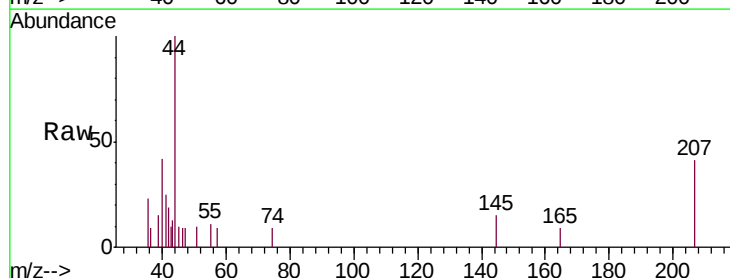
Tgt Ion: 75 Resp: 30

Ion Ratio Lower Upper

75 100

155 0.0 31.6 94.7#

157 0.0 43.3 129.8#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

14.29

200

150

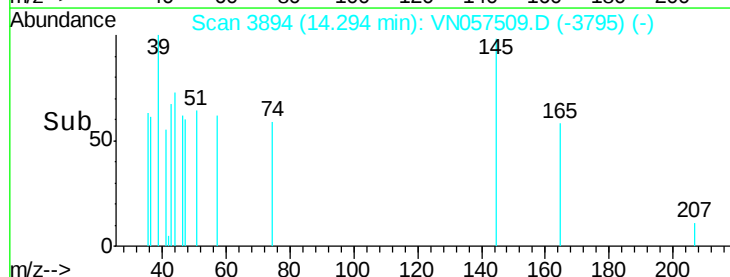
100

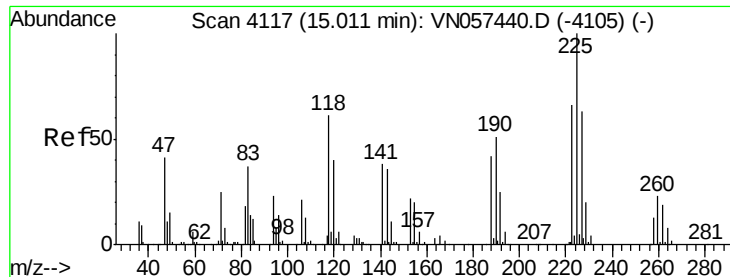
50

0

Time-->

14.29 14.30





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4116

Delta R.T. -0.00 min

Lab File: VN057509.D

Acq: 26 Aug 2019 14:10

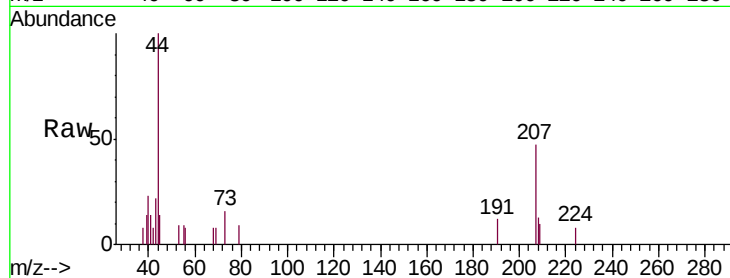
Instrument :

MSVOA_N

ClientSampleId :

T1-2-D-(0)

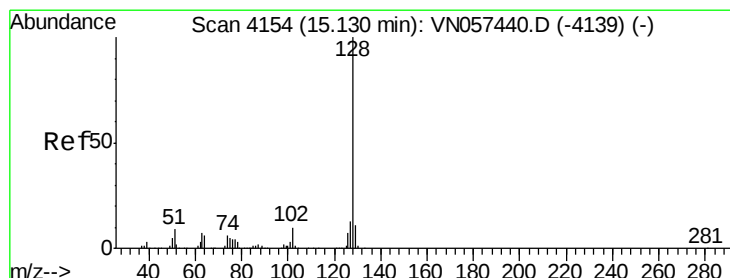
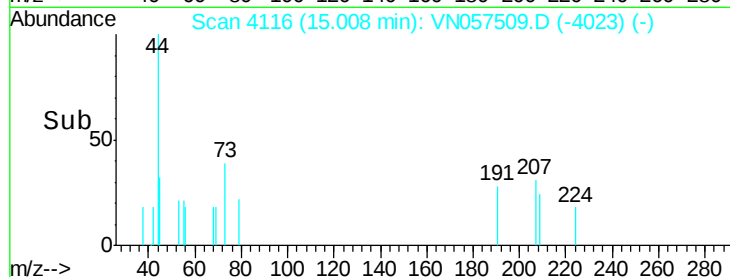
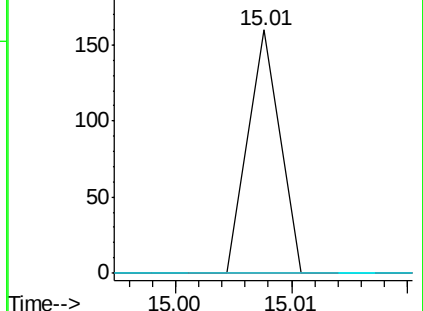
Tgt Ion:	225	Resp:	31
Ion	Ratio	Lower	Upper
225	100		
223	0.0	32.0	96.2#
227	0.0	31.5	94.5#



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 4.377 ug/l

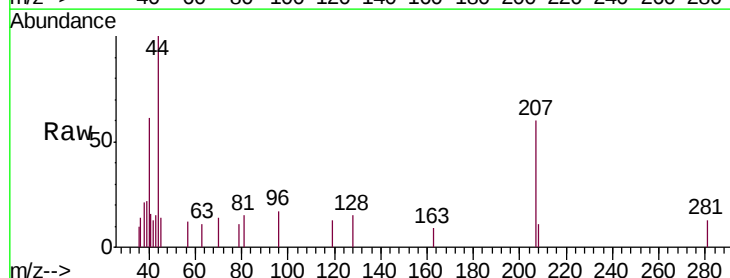
RT: 15.13 min Scan# 4153

Delta R.T. -0.00 min

Lab File: VN057509.D

Acq: 26 Aug 2019 14:10

Tgt Ion:	128	Resp:	252
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

