

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082419\
 Data File : VN057487.D
 Acq On : 23 Aug 2019 21:44
 Operator : JC/SP
 Sample : K4472-31
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S3(0)

Quant Time: Aug 26 05:14:49 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	401847	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	697784	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	572610	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	146949	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	333091	47.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.24%	
35) Dibromofluoromethane	7.57	113	222350	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	
50) Toluene-d8	10.08	98	880685	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
62) 4-Bromofluorobenzene	12.40	95	243887	40.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.76%	

Target Compounds					Qvalue
8) Diethyl Ether	3.39	74	2184	Below Cal	55
9) 1,1,2-Trichlorotrifluoroet	3.73	101	109	Below Cal	# 1
13) Acrolein	3.59	56	366	0.474 ug/l	# 13
16) Acetone	3.80	43	7297	2.248 ug/l	99
18) Methyl Acetate	4.31	43	10268	0.522 ug/l	97
20) Methylene Chloride	4.53	84	9360	1.873 ug/l	# 90
31) Cyclohexane	7.65	56	12208	1.229 ug/l	# 42
36) 1,1-Dichloropropene	7.65	75	40064	5.619 ug/l	# 50
38) Carbon Tetrachloride	7.65	117	45229	6.385 ug/l	# 16
43) Isopropyl Acetate	8.16	43	97200	7.524 ug/l	98
48) Methyl methacrylate	9.18	41	4997	0.813 ug/l	# 15
49) 1,4-Dioxane	9.19	88	67	0.843 ug/l	# 1
51) 4-Methyl-2-Pentanone	9.99	43	6842	0.950 ug/l	98
54) cis-1,3-Dichloropropene	9.90	75	37627	4.058 ug/l	# 60
57) 1,3-Dichloropropane	10.76	76	5339	0.615 ug/l	# 43
58) 2-Chloroethyl Vinyl ether	9.57	63	30	17.077 ug/l	# 52
59) 2-Hexanone	10.76	43	91391	18.507 ug/l	# 53
73) Isopropylbenzene	12.20	105	29	Below Cal	# 50
74) N-amyl acetate	12.03	43	1376	Below Cal	# 67
75) 1,1,2,2-Tetrachloroethane	12.57	83	31	Below Cal	# 25
76) 1,2,3-Trichloropropane	12.40	75	138945	42.130 ug/l	# 100
77) Bromobenzene	12.39	156	65	Below Cal	# 1
78) n-propylbenzene	12.60	91	63	Below Cal	# 55
79) 2-Chlorotoluene	12.68	91	299	Below Cal	# 44
80) 1,3,5-Trimethylbenzene	12.74	105	974	Below Cal	98
81) trans-1,4-Dichloro-2-buten	12.40	75	138945	108.410 ug/l	# 8
82) 4-Chlorotoluene	12.78	91	200	Below Cal	# 45
83) tert-Butylbenzene	12.72	119	118	Below Cal	# 47
85) sec-Butylbenzene	13.17	105	183	Below Cal	# 23
92) 1,2-Dibromo-3-Chloropropan	14.44	75	32	Below Cal	# 11
93) 1,2,4-Trichlorobenzene	14.92	180	73	5.407 ug/l	# 1
95) Naphthalene	15.14	128	492	4.416 ug/l	# 85
96) 1,2,3-Trichlorobenzene	15.29	180	104	5.166 ug/l	# 13

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Quant Title : SW846 8260
QLast Update : Fri Aug 23 05:07:29 2019
Response via : Initial Calibration

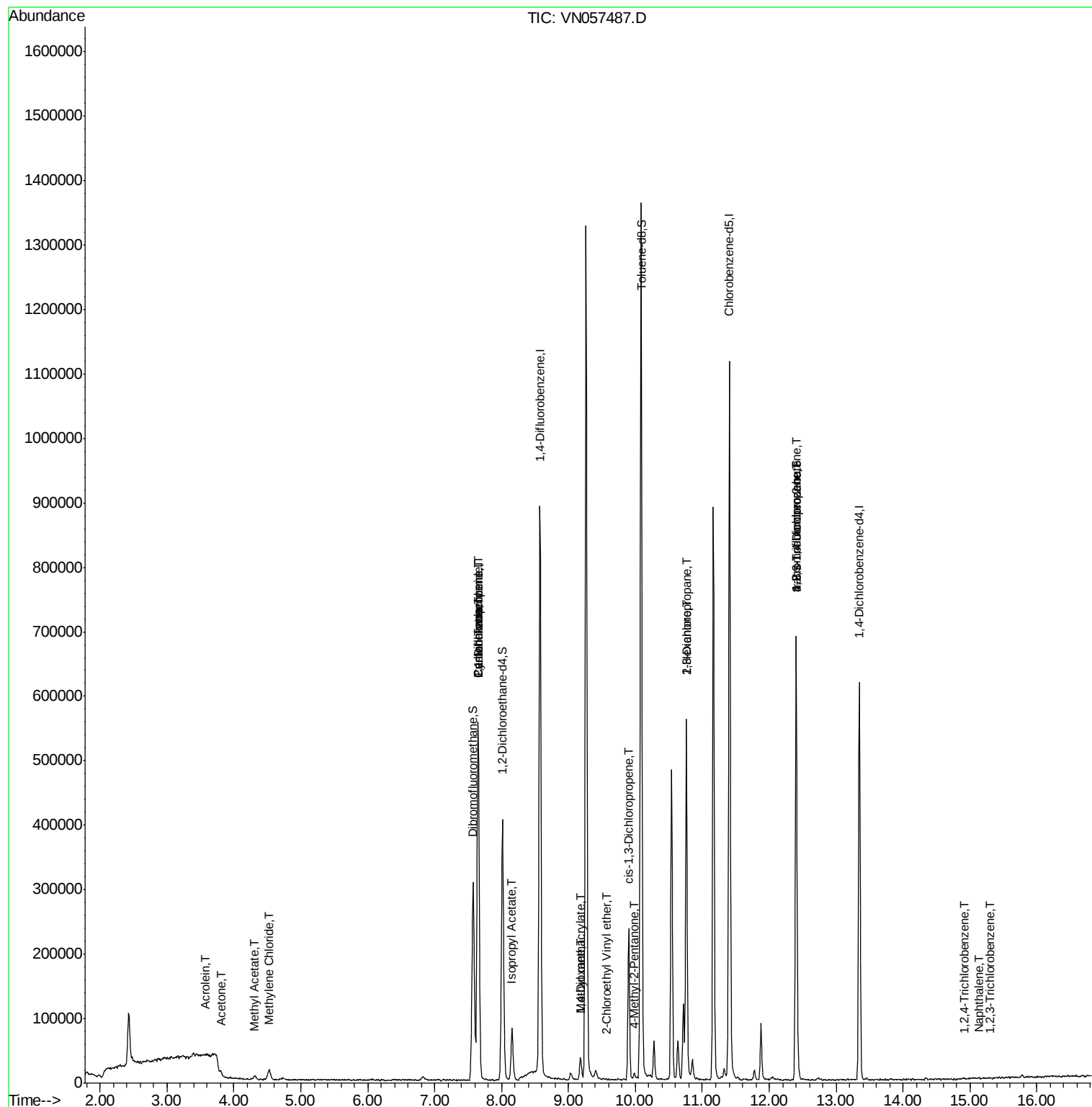
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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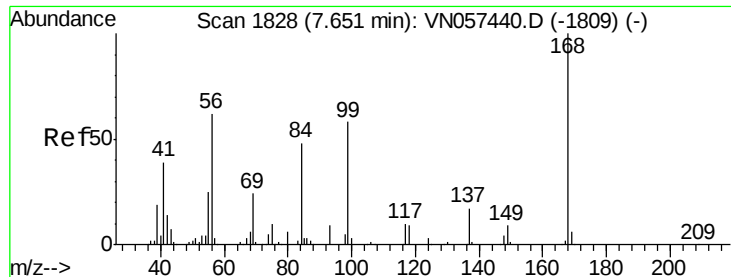
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN082419\
Data File : VN057487.D
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Sample : K4472-31
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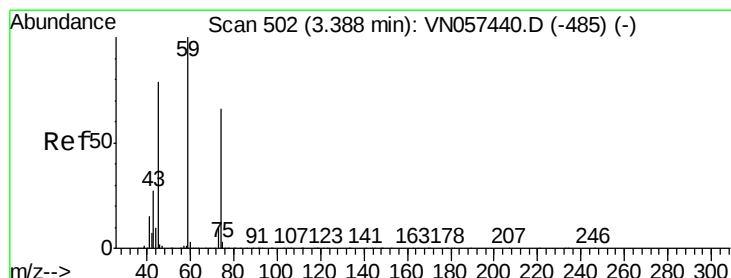
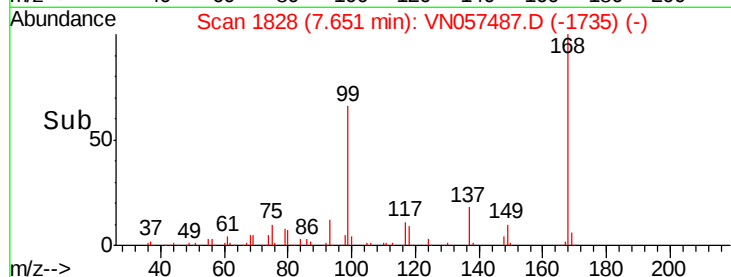
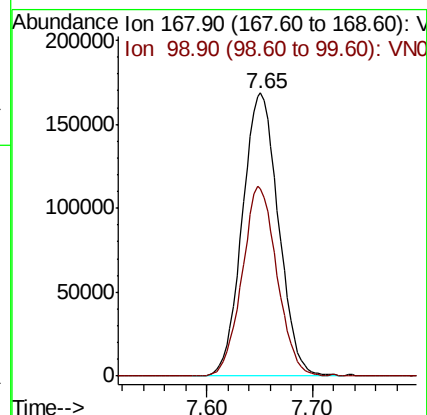
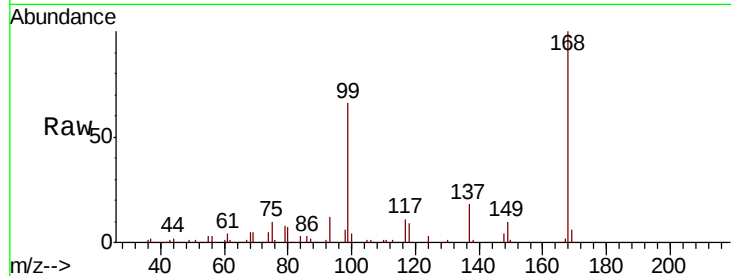




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.00 min
Lab File: VN057487.D
Acq: 23 Aug 2019 21:44

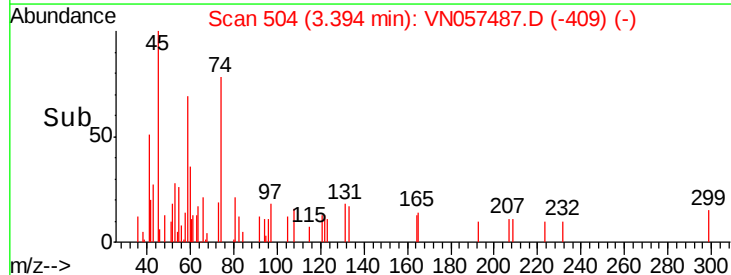
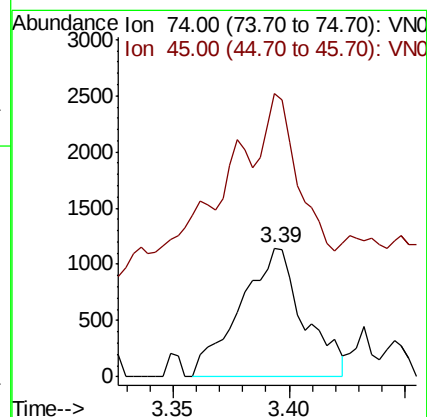
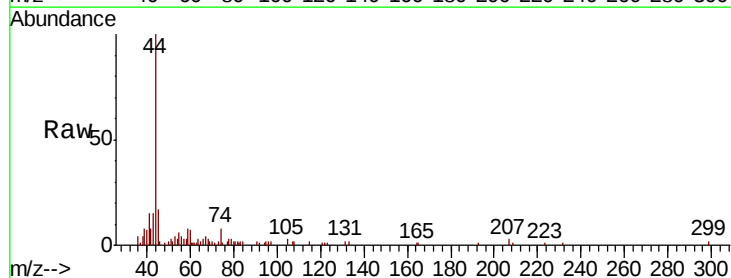
Instrument :
MSVOA_N
ClientSampleId :
T2-S3(0)

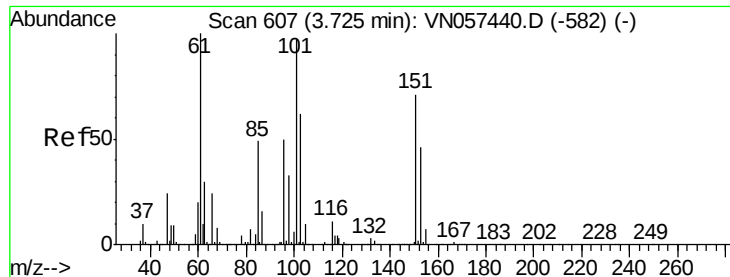
Tgt Ion:168 Resp: 401847
Ion Ratio Lower Upper
168 100
99 66.1 50.6 76.0



#8
Diethyl Ether
Concen: Below Cal
RT: 3.39 min Scan# 504
Delta R.T. 0.01 min
Lab File: VN057487.D
Acq: 23 Aug 2019 21:44

Tgt Ion: 74 Resp: 2184
Ion Ratio Lower Upper
74 100
45 66.6 57.9 173.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: Below Cal

RT: 3.73 min Scan# 610

Delta R.T. 0.01 min

Lab File: VN057487.D

Acq: 23 Aug 2019 21:44

Instrument :

MSVOA_N

ClientSampleId :

T2-S3(0)

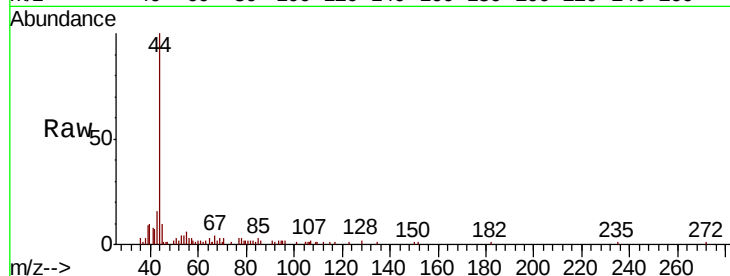
Tgt Ion:101 Resp: 109

Ion Ratio Lower Upper

101 100

85 428.4 40.0 60.0#

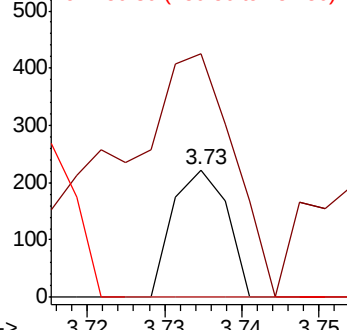
151 0.0 57.0 85.6#



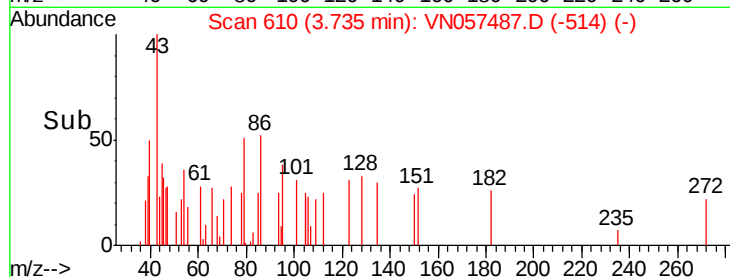
Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



Time-->



#13

Acrolein

Concen: 0.474 ug/l

RT: 3.59 min Scan# 564

Delta R.T. 0.00 min

Lab File: VN057487.D

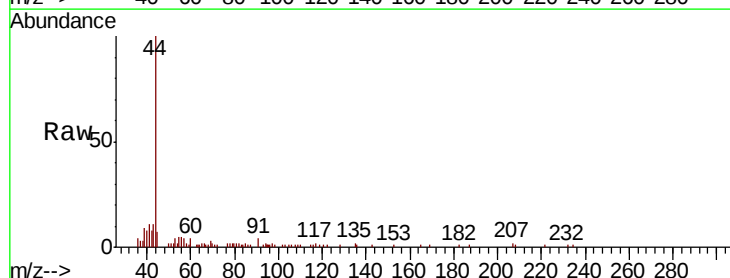
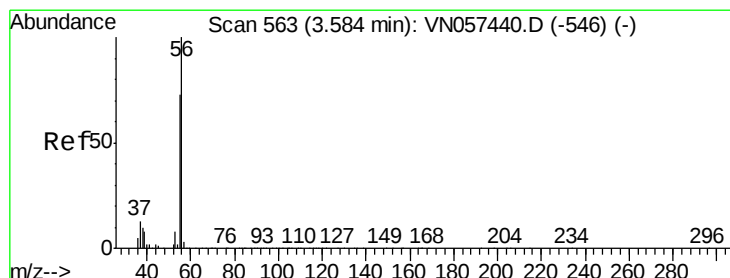
Acq: 23 Aug 2019 21:44

Tgt Ion: 56 Resp: 366

Ion Ratio Lower Upper

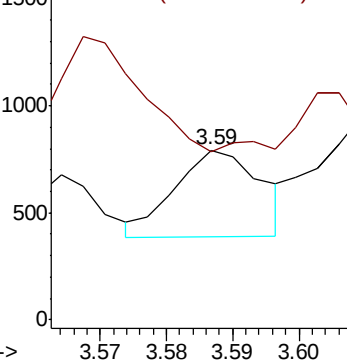
56 100

55 0.0 59.0 88.4#

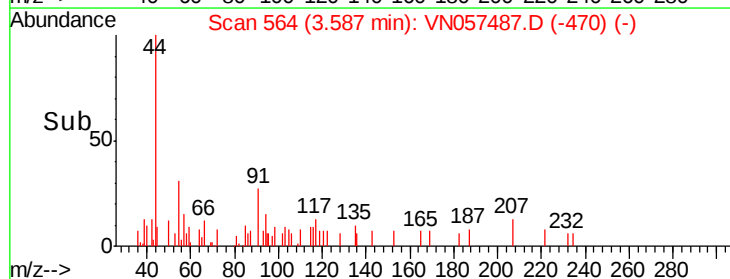


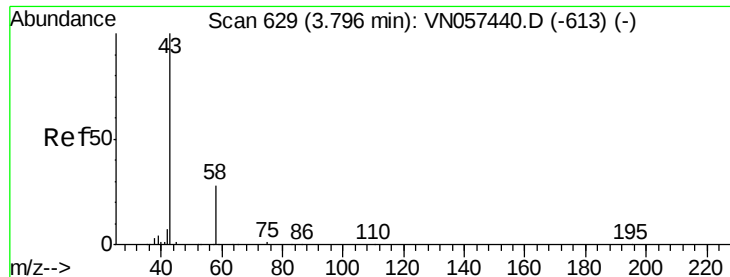
Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



Time-->

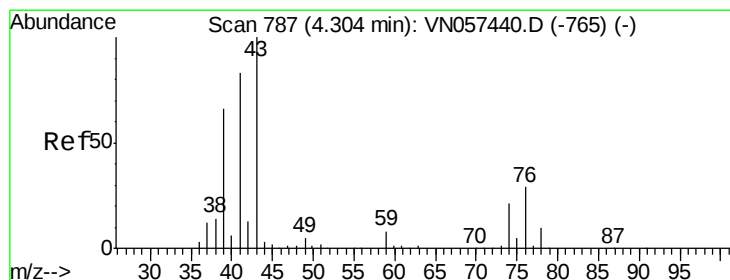
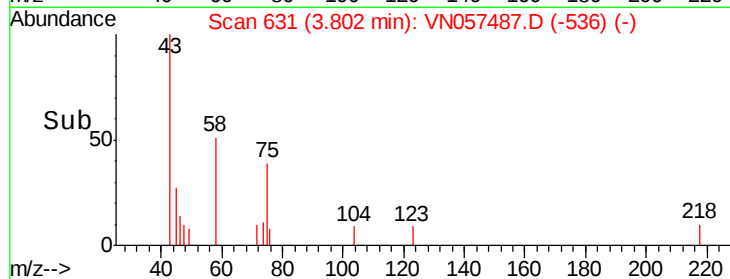
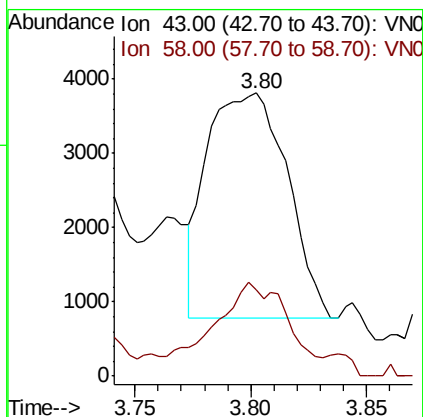
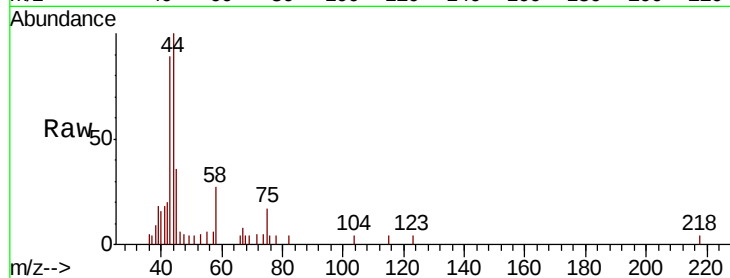




#16
Acetone
Concen: 2.248 ug/l
RT: 3.80 min Scan# 631
Delta R.T. 0.01 min
Lab File: VN057487.D
Acq: 23 Aug 2019 21:44

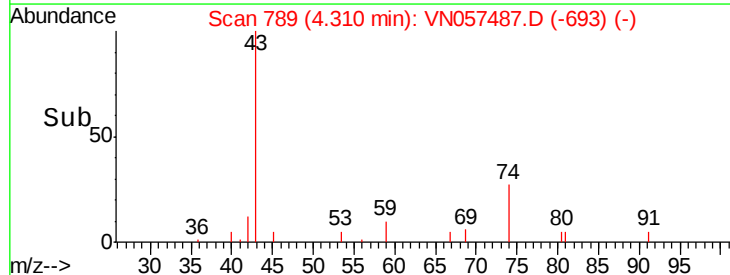
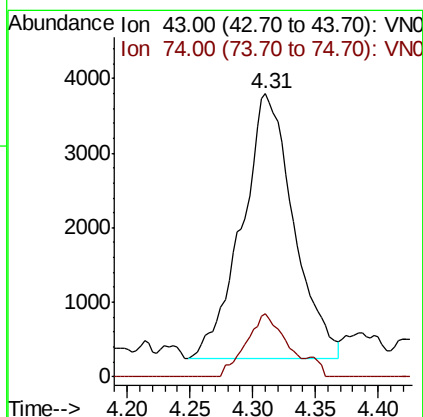
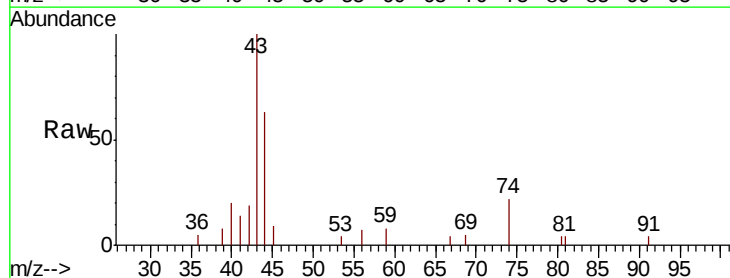
Instrument :
MSVOA_N
ClientSampleId :
T2-S3(0)

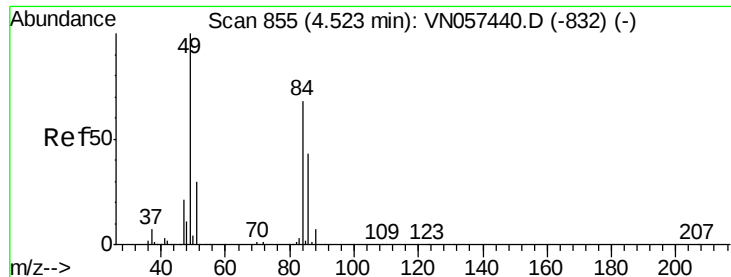
Tgt Ion: 43 Resp: 7297
Ion Ratio Lower Upper
43 100
58 28.2 22.1 33.1



#18
Methyl Acetate
Concen: 0.522 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.01 min
Lab File: VN057487.D
Acq: 23 Aug 2019 21:44

Tgt Ion: 43 Resp: 10268
Ion Ratio Lower Upper
43 100
74 18.4 15.9 23.9

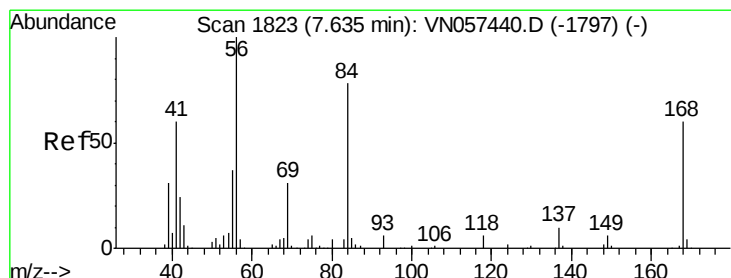
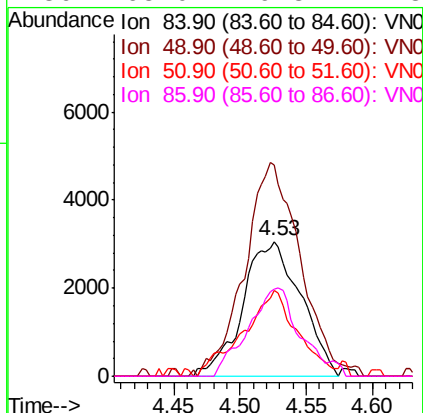
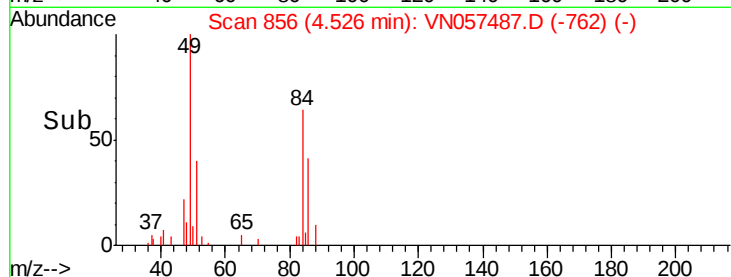
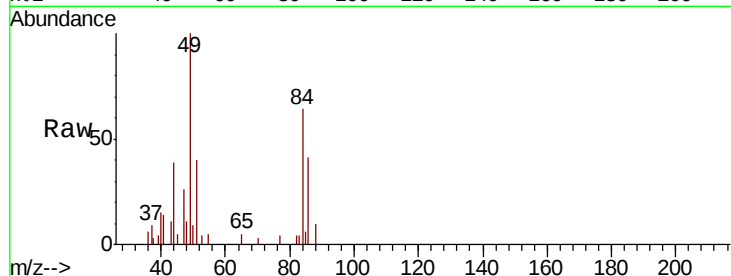




#20
Methylene Chloride
Concen: 1.873 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN057487.D
Acq: 23 Aug 2019 21:44

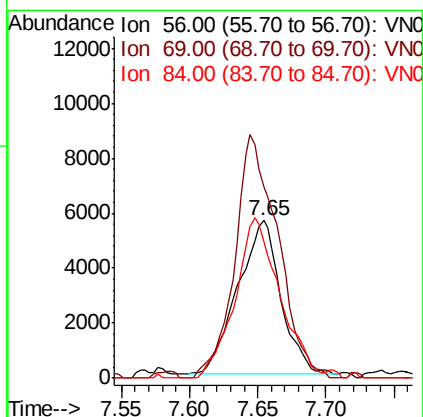
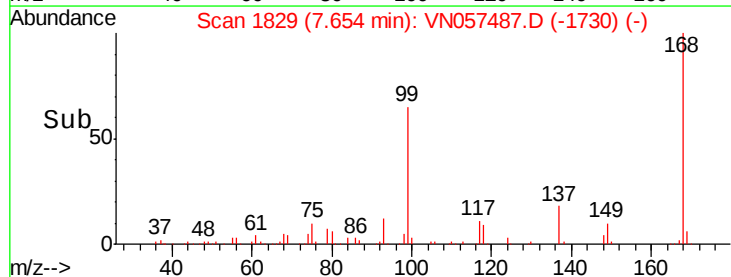
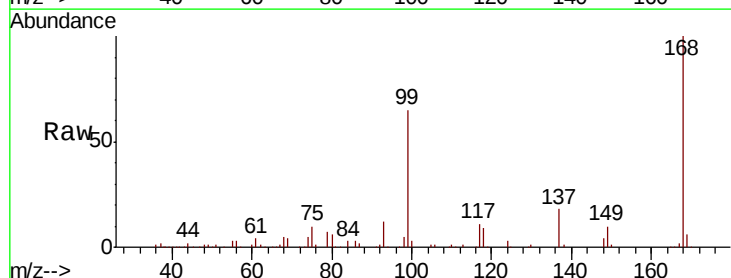
Instrument :
MSVOA_N
ClientSampleId :
T2-S3(0)

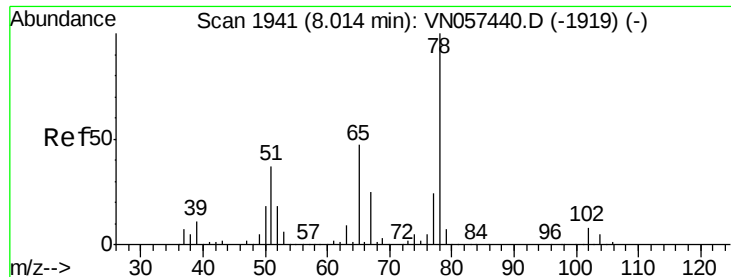
Tgt Ion: 84 Resp: 9360
Ion Ratio Lower Upper
84 100
49 157.0 117.0 175.4
51 58.2 35.5 53.3#
86 65.0 49.8 74.8



#31
Cyclohexane
Concen: 1.229 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.02 min
Lab File: VN057487.D
Acq: 23 Aug 2019 21:44

Tgt Ion: 56 Resp: 12208
Ion Ratio Lower Upper
56 100
69 125.1 25.0 37.6#
84 89.1 62.5 93.7





#33

1,2-Dichloroethane-d4

Concen: 47.120 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. -0.00 min

Lab File: VN057487.D

Acq: 23 Aug 2019 21:44

Instrument :

MSVOA_N

ClientSampleId :

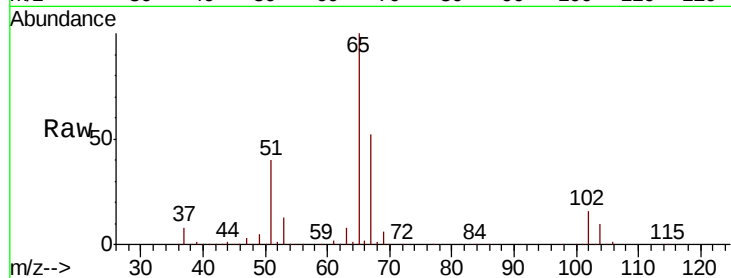
T2-S3(0)

Tgt Ion: 65 Resp: 333091

Ion Ratio Lower Upper

65 100

67 53.3 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN057440.D (-1919) (-)

Ion 66.90 (66.60 to 67.60): VN057440.D (-1919) (-)

8.01

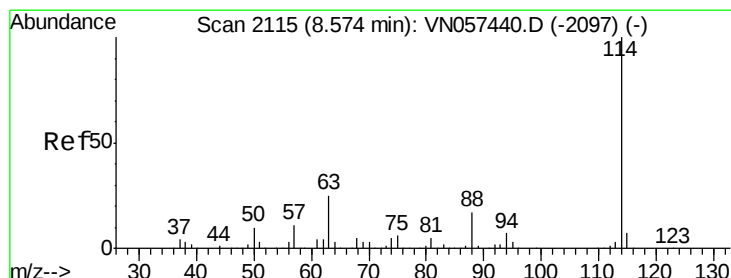
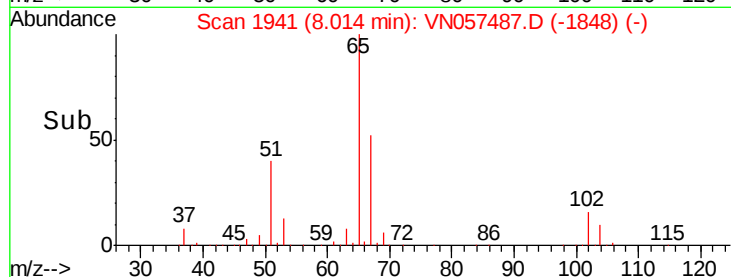
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN057487.D

Acq: 23 Aug 2019 21:44

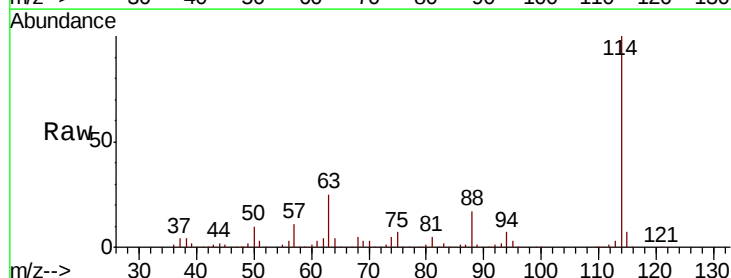
Tgt Ion: 114 Resp: 697784

Ion Ratio Lower Upper

114 100

63 24.8 0.0 50.2

88 16.7 0.0 34.6



Abundance Ion 113.90 (113.60 to 114.60): VN057440.D (-2097) (-)

Ion 63.00 (62.70 to 63.70): VN057440.D (-2097) (-)

Ion 87.90 (87.60 to 88.60): VN057440.D (-2097) (-)

8.57

400000

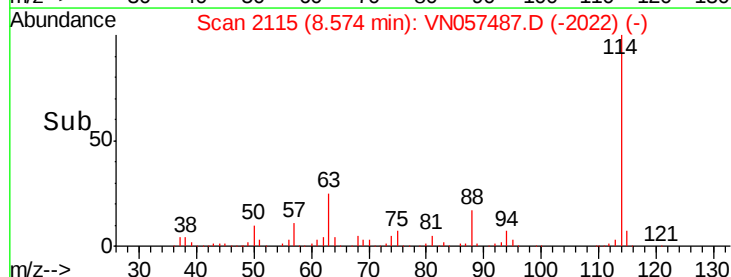
300000

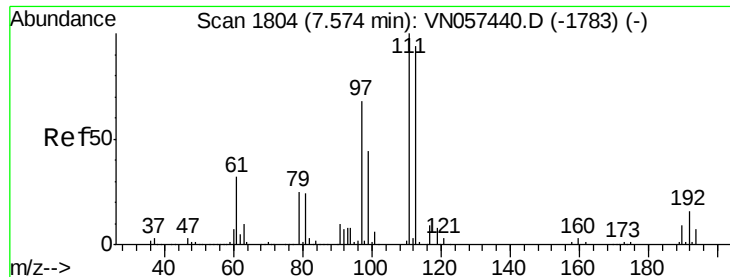
200000

100000

0

Time-->

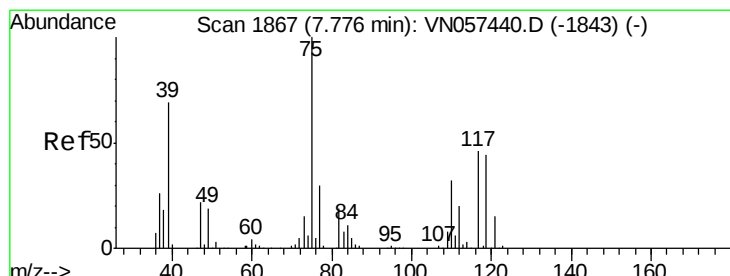
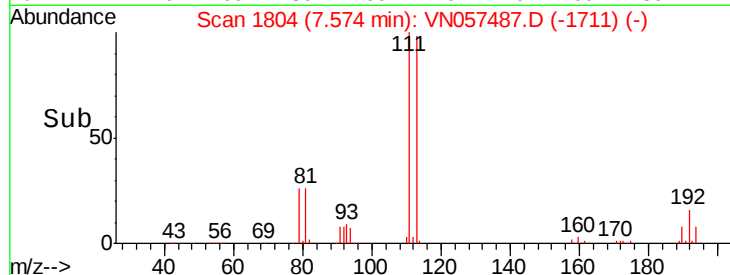
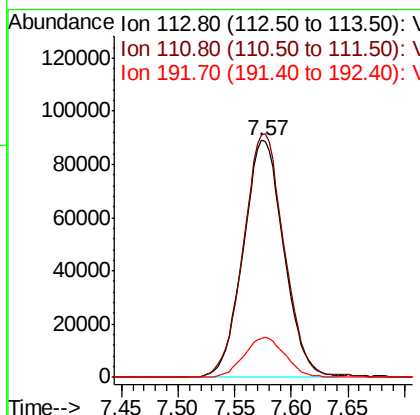
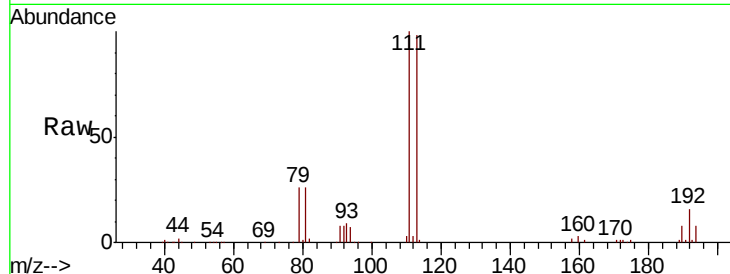




#35
 Dibromofluoromethane
 Concen: 47.176 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN057487.D
 Acq: 23 Aug 2019 21:44

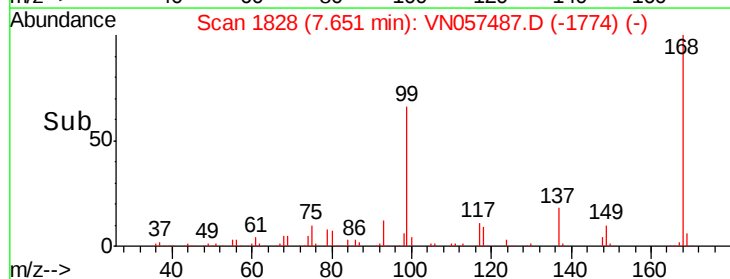
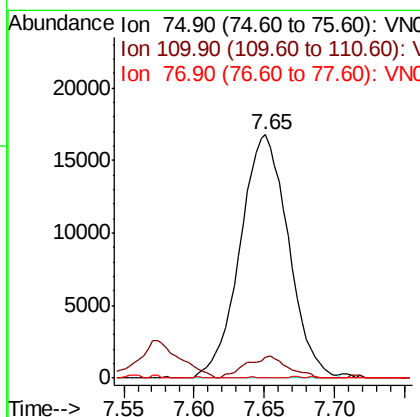
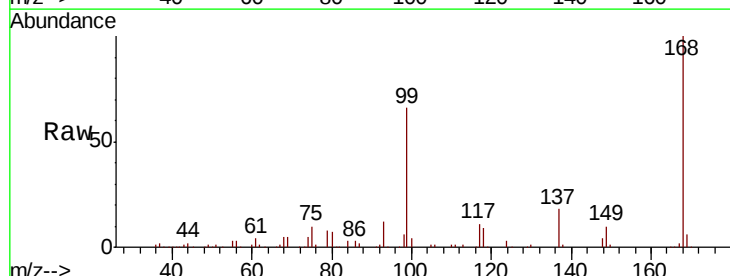
Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S3(0)

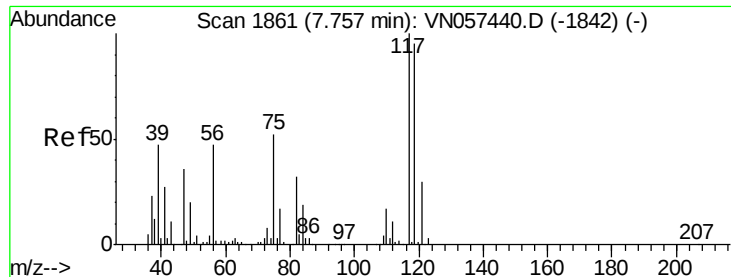
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.8	125.6
192	17.0	13.5	20.3



#36
 1,1-Dichloropropene
 Concen: 5.619 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN057487.D
 Acq: 23 Aug 2019 21:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.8	16.1	48.3#
77	0.1	24.8	37.2#

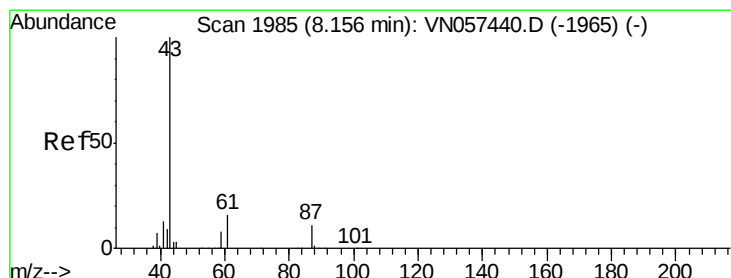
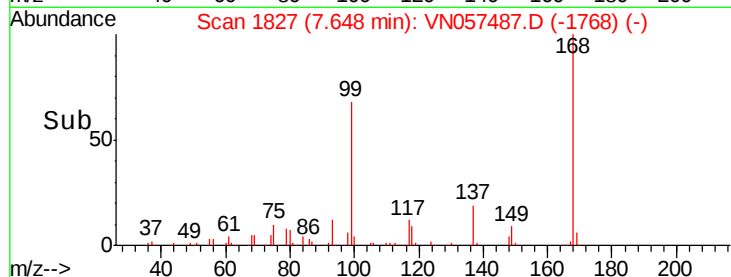
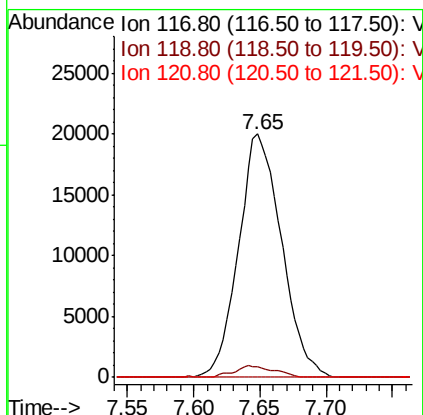
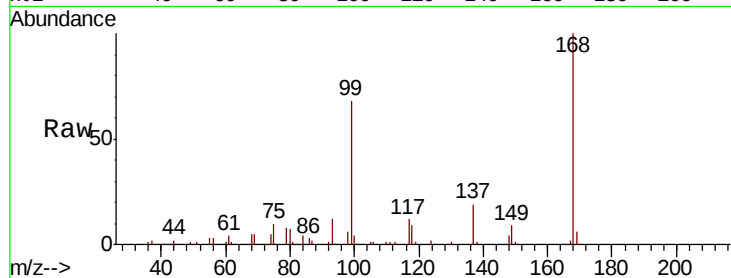




#38
 Carbon Tetrachloride
 Concen: 6.385 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.11 min
 Lab File: VN057487.D
 Acq: 23 Aug 2019 21:44

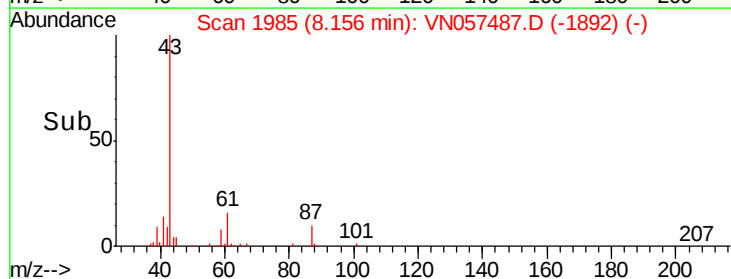
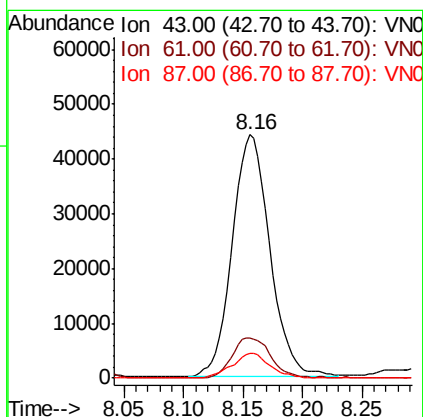
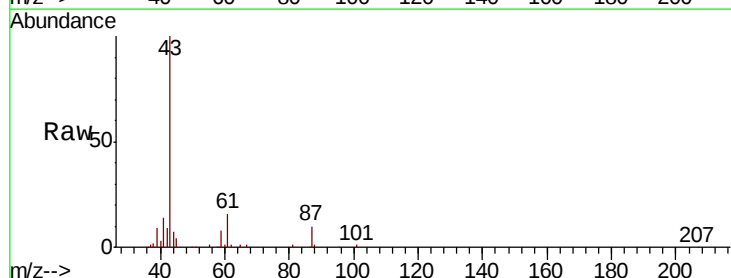
Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S3(0)

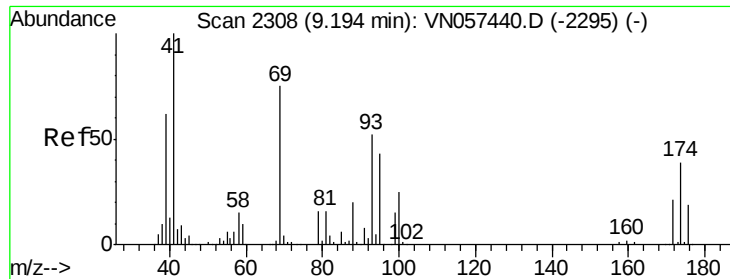
Tgt Ion:117 Resp: 45229
 Ion Ratio Lower Upper
 117 100
 119 4.2 76.2 114.4#
 121 0.0 23.8 35.6#



#43
 Isopropyl Acetate
 Concen: 7.524 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VN057487.D
 Acq: 23 Aug 2019 21:44

Tgt Ion: 43 Resp: 97200
 Ion Ratio Lower Upper
 43 100
 61 16.9 14.5 21.7
 87 10.2 8.6 12.8

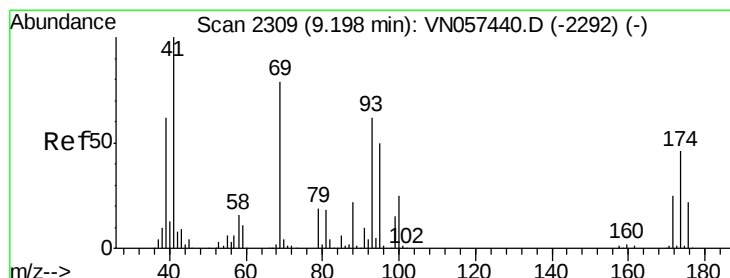
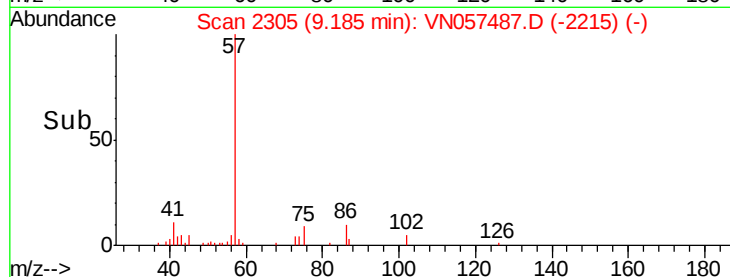
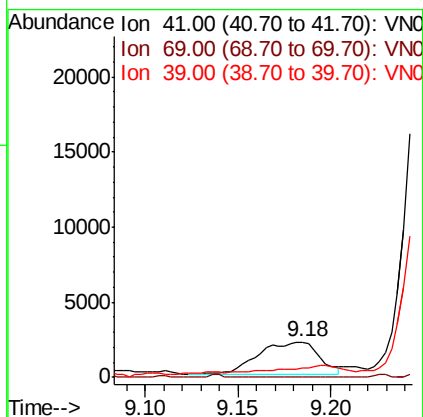
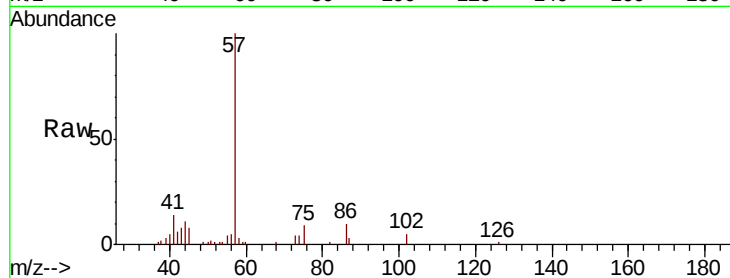




#48
Methyl methacrylate
Concen: 0.813 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.01 min
Lab File: VN057487.D
Acq: 23 Aug 2019 21:44

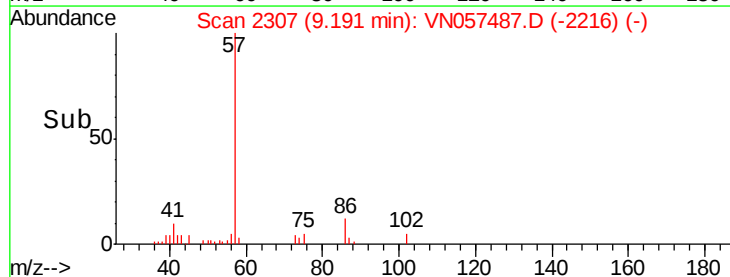
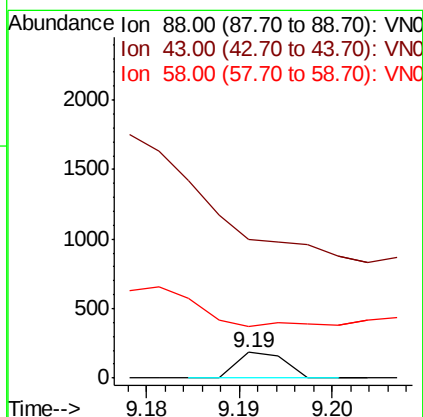
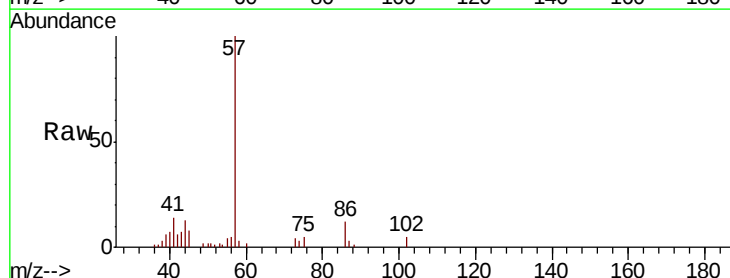
Instrument :
MSVOA_N
ClientSampled :
T2-S3(0)

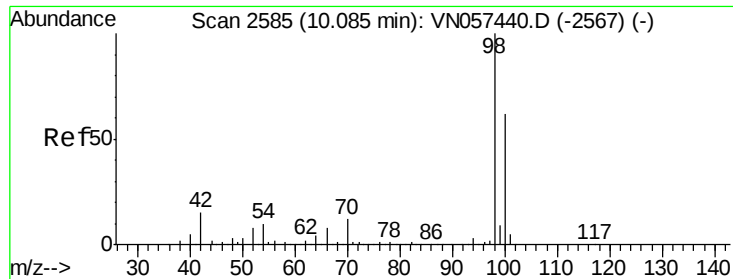
Tgt Ion: 41 Resp: 4997
Ion Ratio Lower Upper
41 100
69 0.0 59.3 88.9#
39 0.0 50.6 75.8#



#49
1,4-Dioxane
Concen: 0.843 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. -0.01 min
Lab File: VN057487.D
Acq: 23 Aug 2019 21:44

Tgt Ion: 88 Resp: 67
Ion Ratio Lower Upper
88 100
43 0.0 31.0 46.6#
58 1109.0 64.5 96.7#





#50

Toluene-d8

Concen: 49.416 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057487.D

Acq: 23 Aug 2019 21:44

Instrument :

MSVOA_N

ClientSampled :

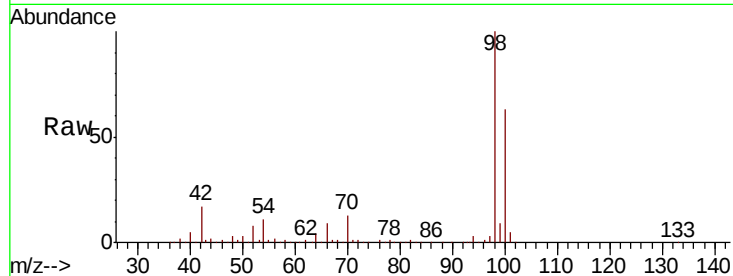
T2-S3(0)

Tgt Ion: 98 Resp: 880685

Ion Ratio Lower Upper

98 100

100 63.2 50.4 75.6



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

Ion 100.00 (99.70 to 100.70): VN057440.D (-2567) (-)

10.08

500000

400000

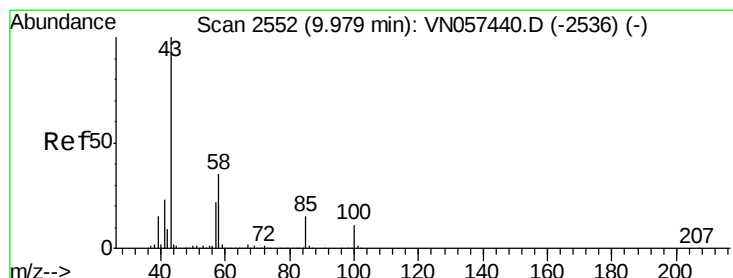
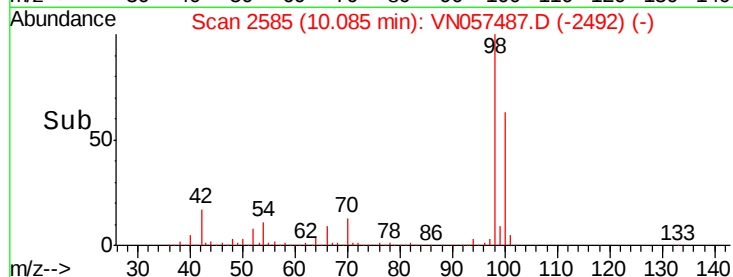
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.950 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.01 min

Lab File: VN057487.D

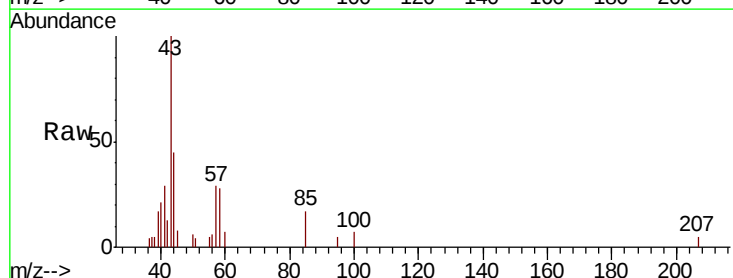
Acq: 23 Aug 2019 21:44

Tgt Ion: 43 Resp: 6842

Ion Ratio Lower Upper

43 100

58 34.0 27.9 41.9



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

Ion 58.00 (57.70 to 58.70): VN057440.D (-2536) (-)

9.99

4000

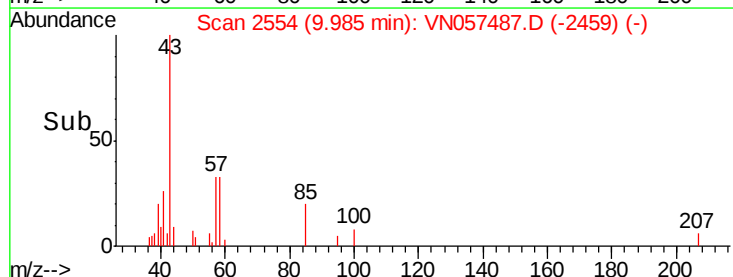
3000

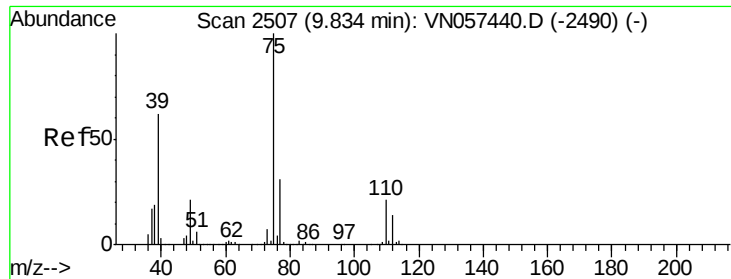
2000

1000

0

Time-->





#54

cis-1,3-Dichloropropene

Concen: 4.058 ug/l

RT: 9.90 min Scan# 2528

Delta R.T. 0.07 min

Lab File: VN057487.D

Acq: 23 Aug 2019 21:44

Instrument :

MSVOA_N

ClientSampleId :

T2-S3(0)

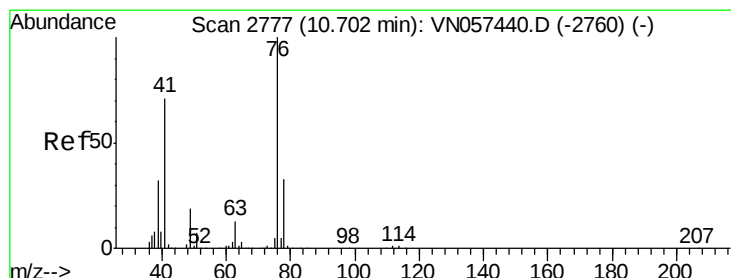
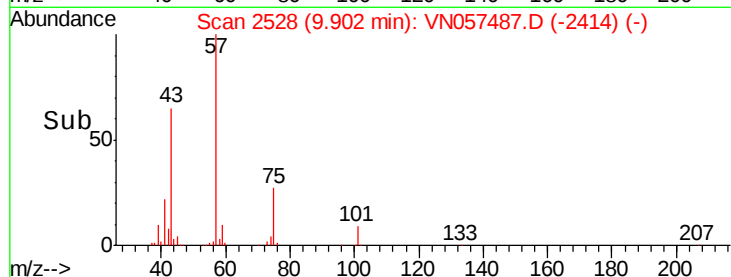
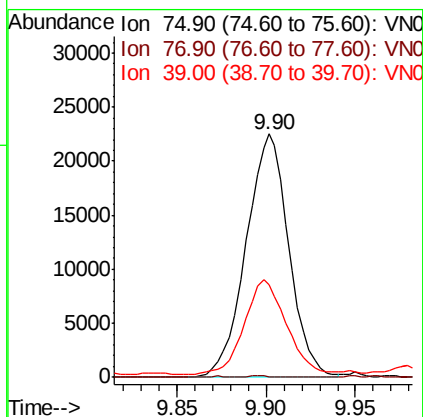
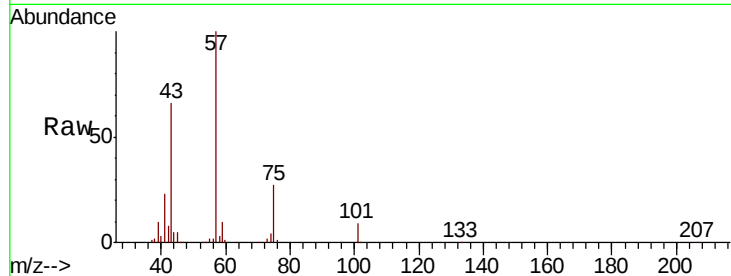
Tgt Ion: 75 Resp: 37627

Ion Ratio Lower Upper

75 100

77 0.0 25.0 37.6#

39 37.1 49.2 73.8#



#57

1,3-Dichloropropane

Concen: 0.615 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN057487.D

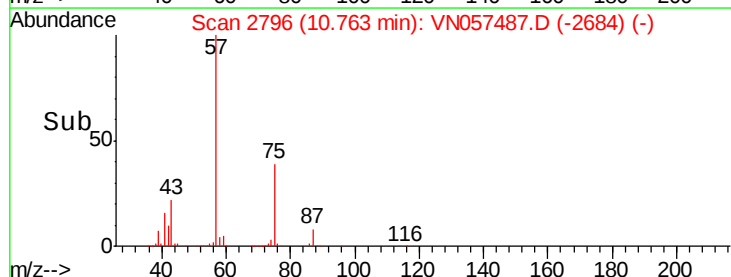
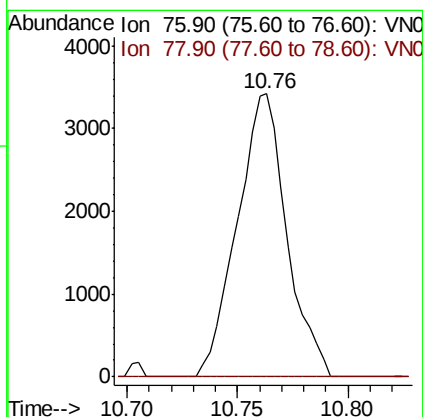
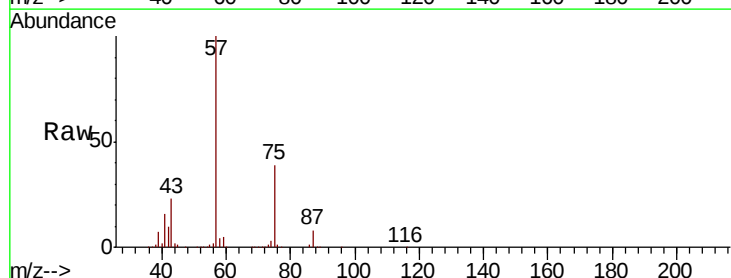
Acq: 23 Aug 2019 21:44

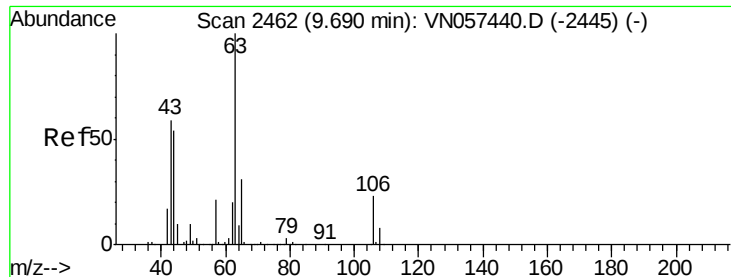
Tgt Ion: 76 Resp: 5339

Ion Ratio Lower Upper

76 100

78 0.0 25.5 38.3#

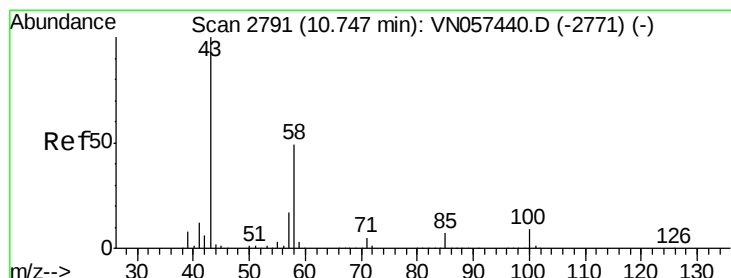
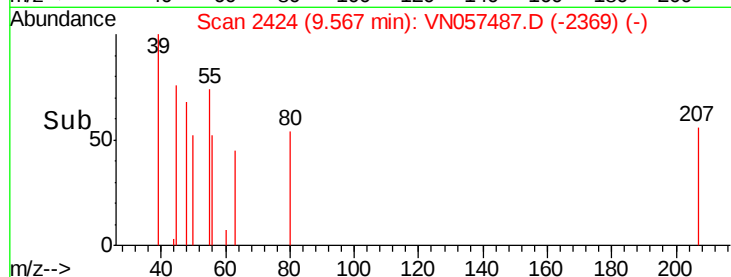
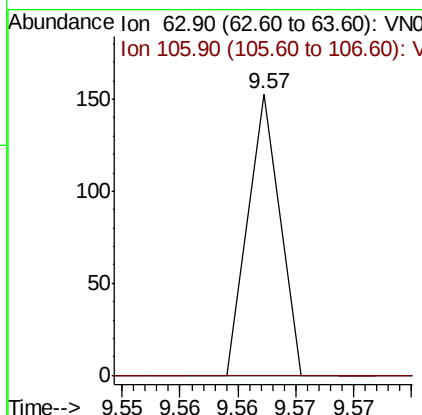
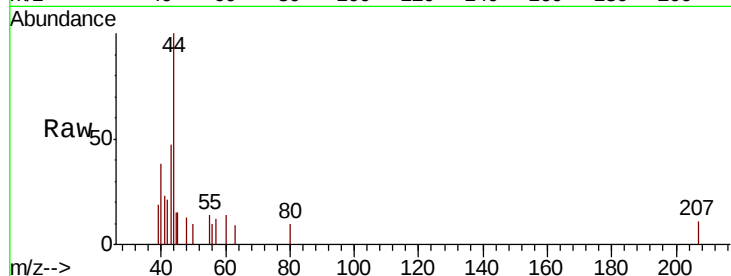




#58
 2-Chloroethyl Vinyl ether
 Concen: 17.077 ug/l
 RT: 9.57 min Scan# 2424
 Delta R.T. -0.12 min
 Lab File: VN057487.D
 Acq: 23 Aug 2019 21:44

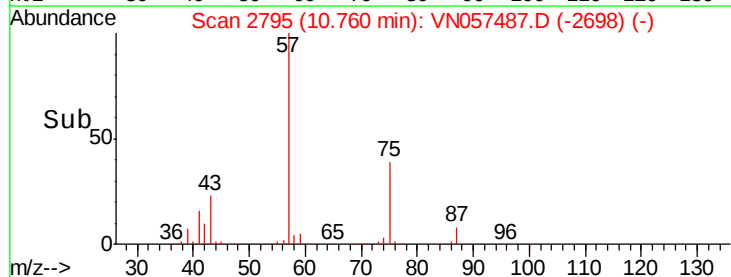
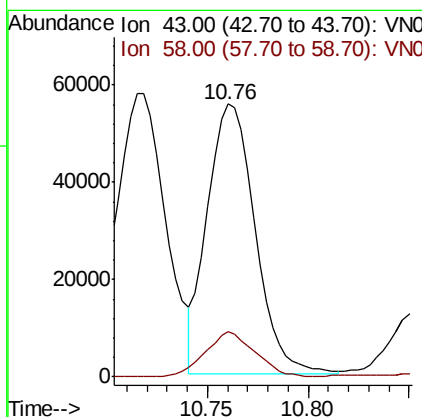
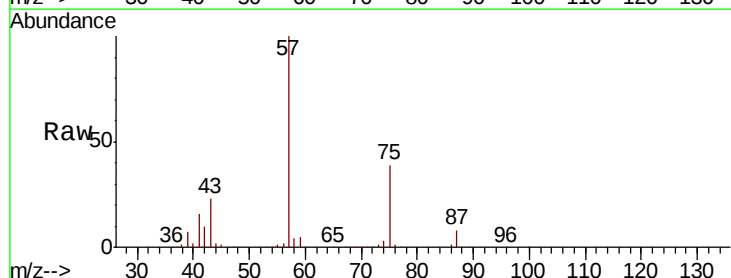
Instrument :
 MSVOA_N
 ClientSampled :
 T2-S3(0)

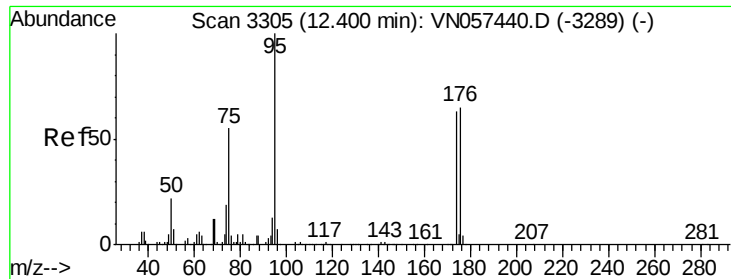
Tgt Ion: 63 Resp: 30
 Ion Ratio Lower Upper
 63 100
 106 0.0 18.6 27.8#



#59
 2-Hexanone
 Concen: 18.507 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.01 min
 Lab File: VN057487.D
 Acq: 23 Aug 2019 21:44

Tgt Ion: 43 Resp: 91391
 Ion Ratio Lower Upper
 43 100
 58 17.4 24.6 73.6#





#62

4-Bromofluorobenzene

Concen: 40.382 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057487.D

Acq: 23 Aug 2019 21:44

Instrument :

MSVOA_N

ClientSampleId :

T2-S3(0)

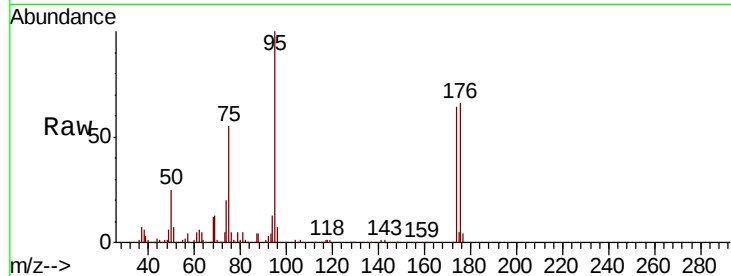
Tgt Ion: 95 Resp: 243887

Ion Ratio Lower Upper

95 100

174 67.5 0.0 133.0

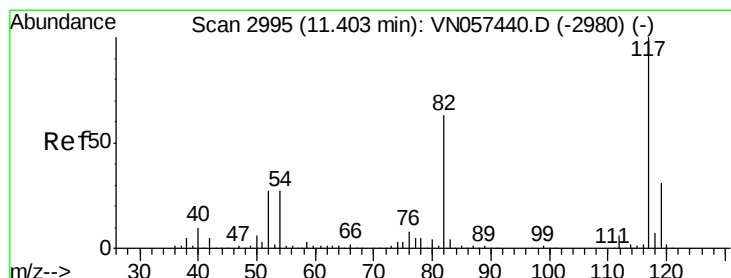
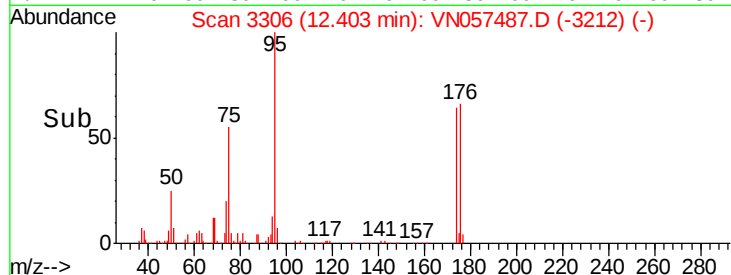
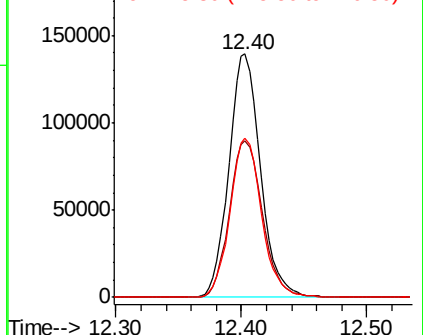
176 65.7 0.0 130.8



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057487.D

Acq: 23 Aug 2019 21:44

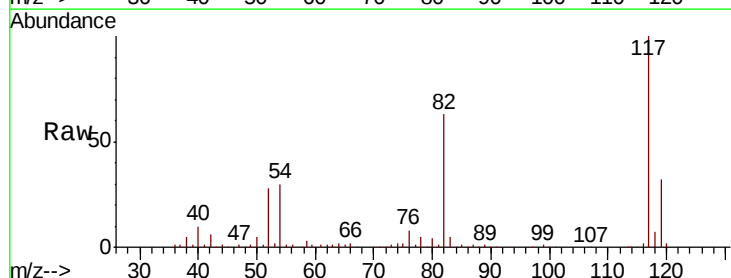
Tgt Ion: 117 Resp: 572610

Ion Ratio Lower Upper

117 100

82 63.0 50.6 75.8

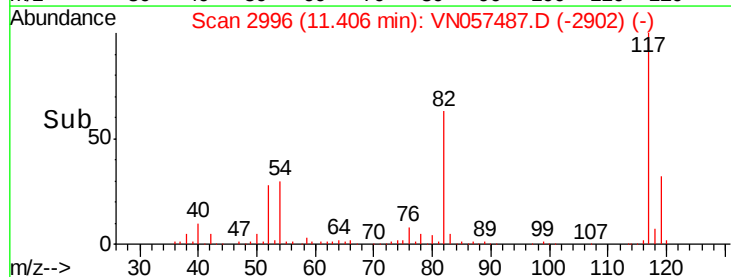
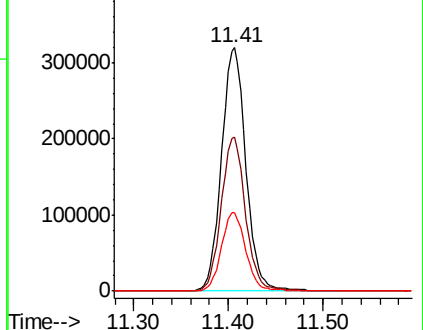
119 32.1 24.6 36.8

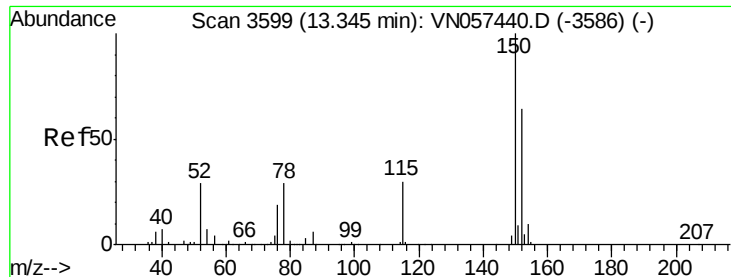


Abundance Ion 116.90 (116.60 to 117.60): VN057440.D (-2980) (-)

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

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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN057487.D

Acq: 23 Aug 2019 21:44

Instrument :

MSVOA_N

ClientSampleId :

T2-S3(0)

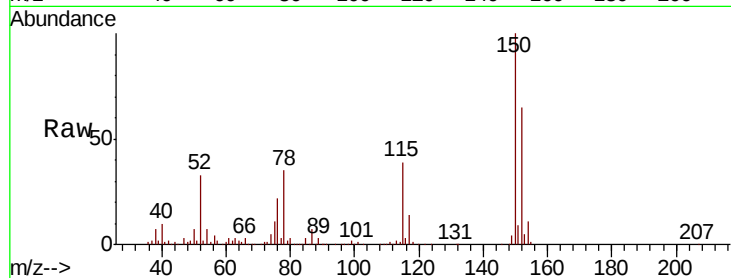
Tgt Ion:152 Resp: 146949

Ion Ratio Lower Upper

152 100

115 61.8 32.0 96.0

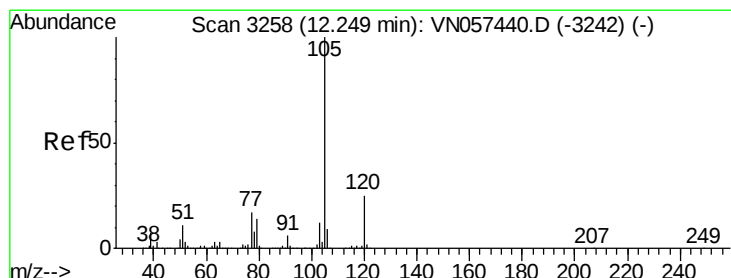
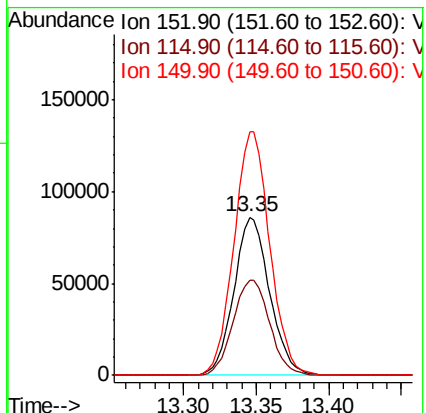
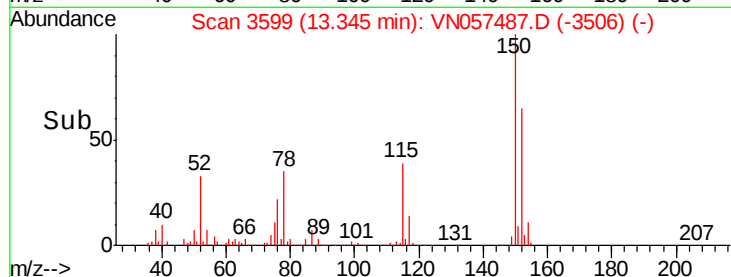
150 154.9 0.0 346.6



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: 12.20 min Scan# 3242

Delta R.T. -0.05 min

Lab File: VN057487.D

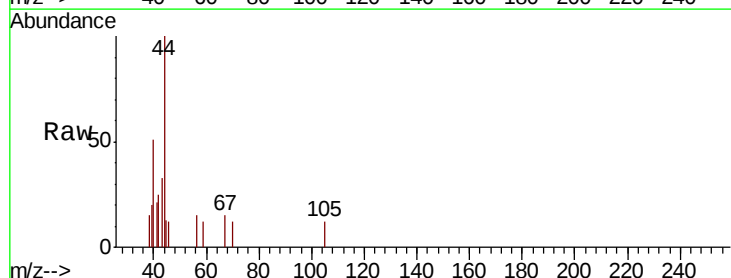
Acq: 23 Aug 2019 21:44

Tgt Ion:105 Resp: 29

Ion Ratio Lower Upper

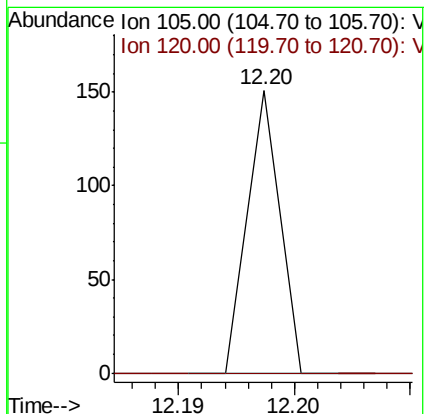
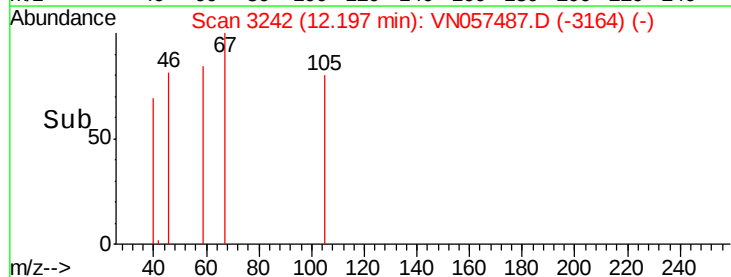
105 100

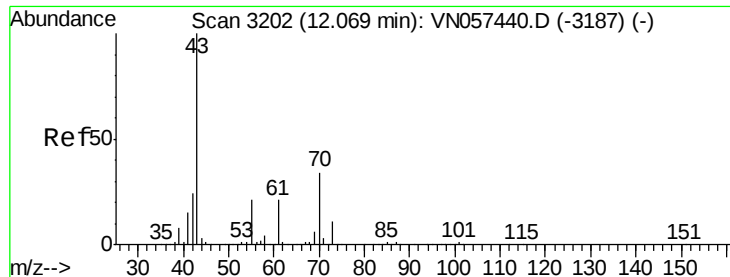
120 0.0 12.7 38.0#



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: 12.03 min Scan# 3189

Delta R.T. -0.04 min

Lab File: VN057487.D

Acq: 23 Aug 2019 21:44

Instrument :

MSVOA_N

ClientSampleId :

T2-S3(0)

Tgt Ion: 43 Resp: 1376

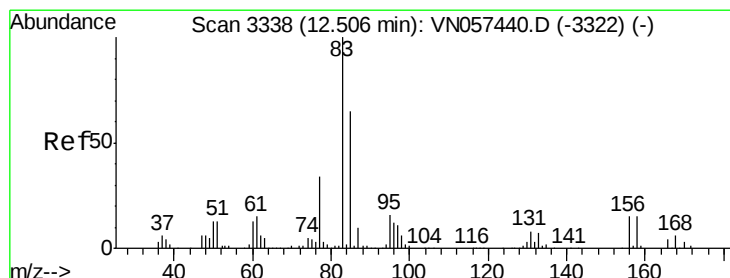
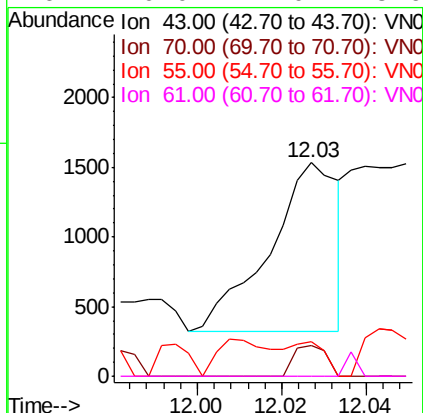
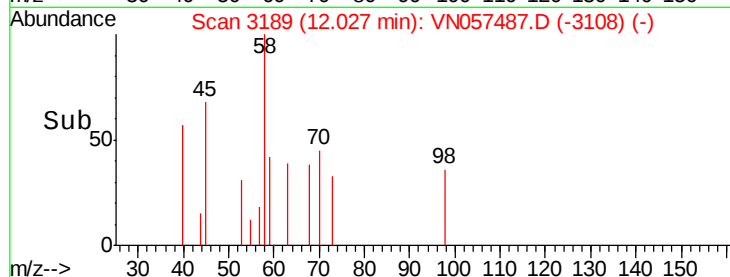
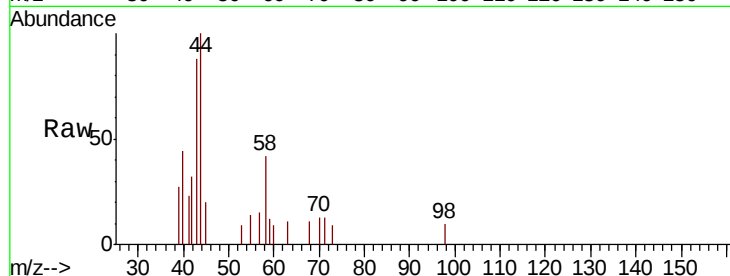
Ion Ratio Lower Upper

43 100

70 8.6 27.8 41.6#

55 22.3 17.0 25.4

61 0.0 17.0 25.6#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.57 min Scan# 3359

Delta R.T. 0.07 min

Lab File: VN057487.D

Acq: 23 Aug 2019 21:44

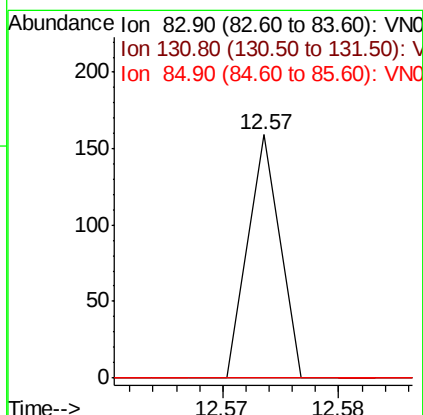
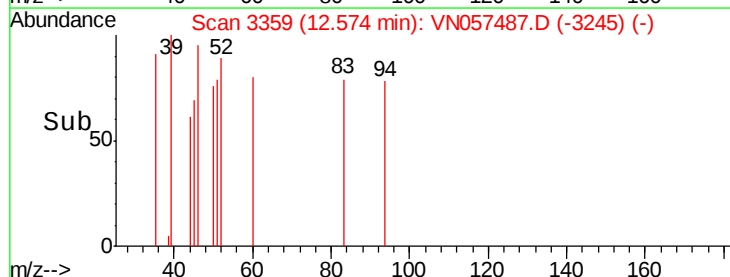
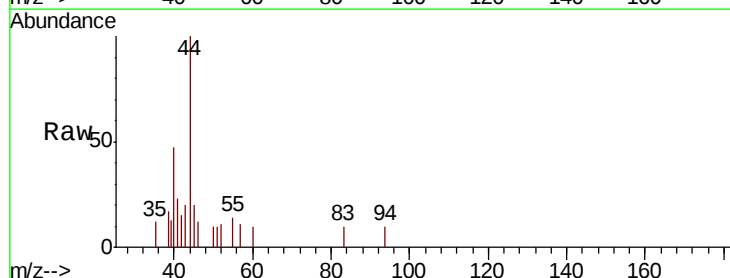
Tgt Ion: 83 Resp: 31

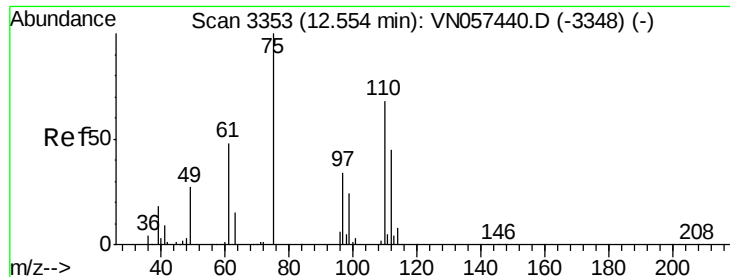
Ion Ratio Lower Upper

83 100

131 0.0 4.3 13.1#

85 0.0 32.3 96.8#

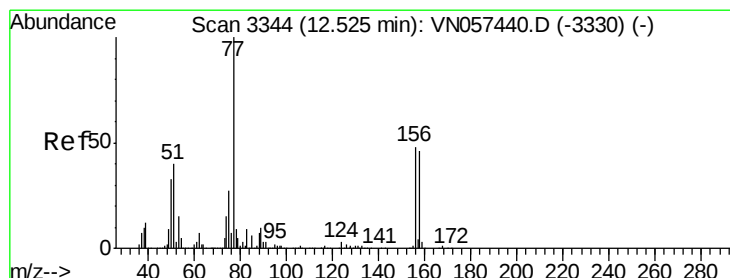
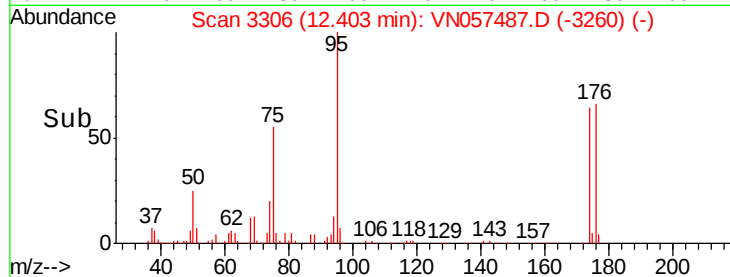
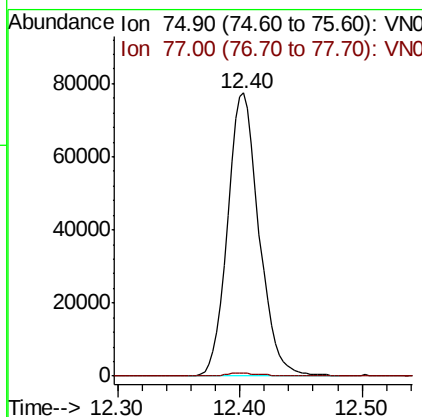
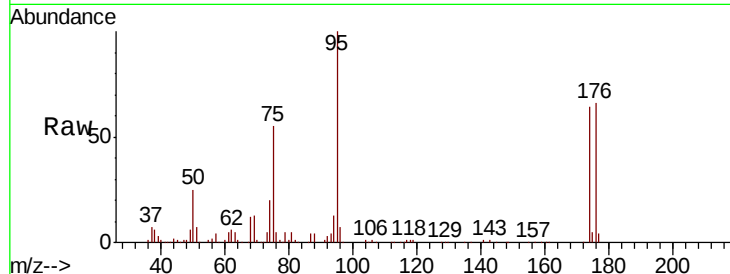




#76
 1,2,3-Trichloropropane
 Concen: 42.130 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. -0.15 min
 Lab File: VN057487.D
 Acq: 23 Aug 2019 21:44

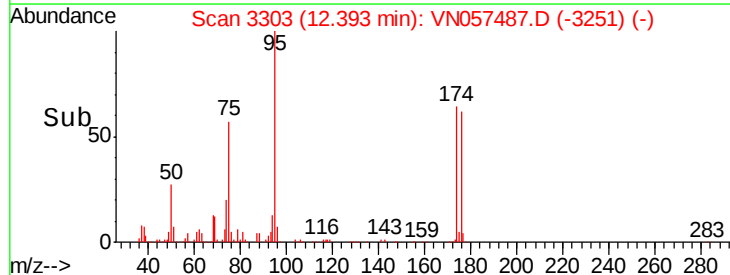
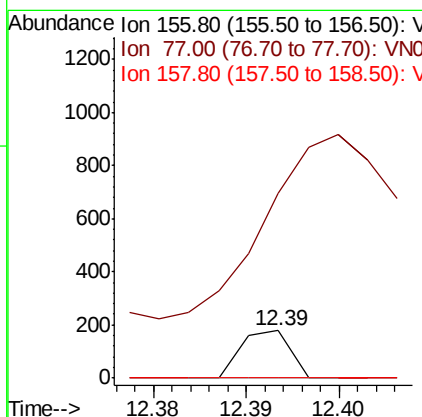
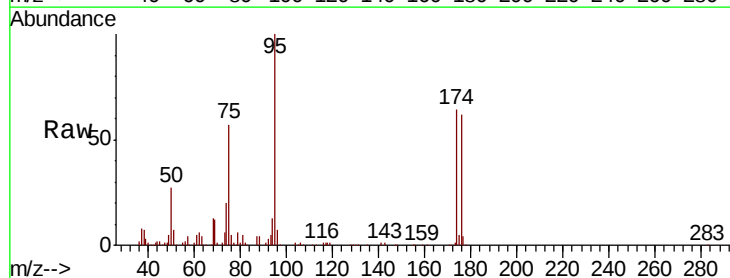
Instrument :
 MSVOA_N
 ClientSampled :
 T2-S3(0)

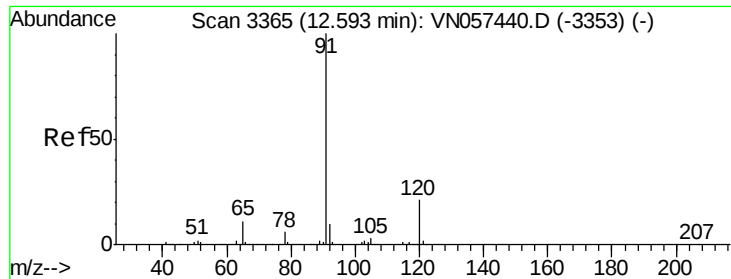
Tgt Ion: 75 Resp: 138945
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#77
 Bromobenzene
 Concen: Below Cal
 RT: 12.39 min Scan# 3303
 Delta R.T. -0.13 min
 Lab File: VN057487.D
 Acq: 23 Aug 2019 21:44

Tgt Ion: 156 Resp: 65
 Ion Ratio Lower Upper
 156 100
 77 2460.0 124.4 373.3#
 158 0.0 48.3 144.8#

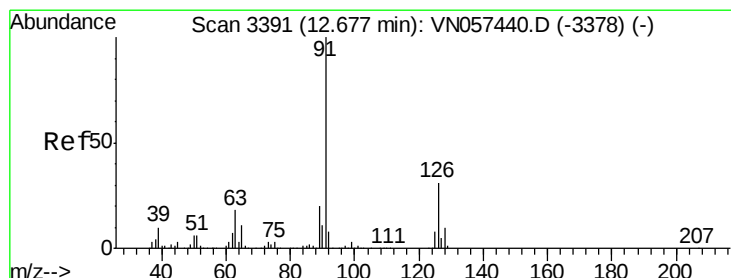
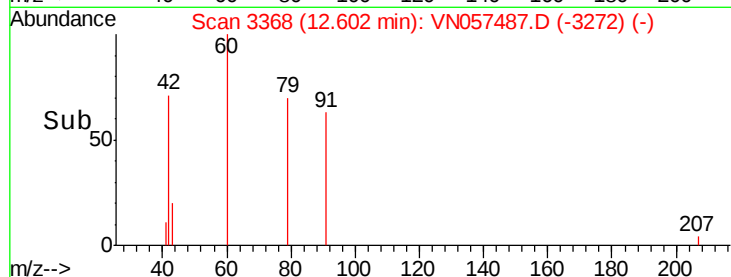
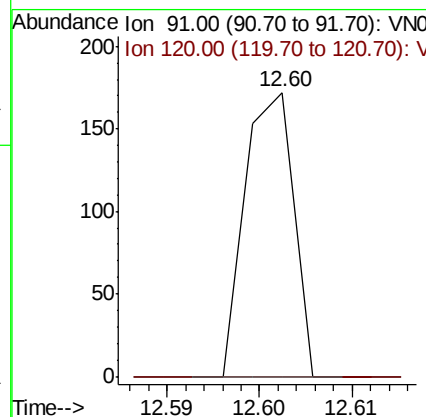
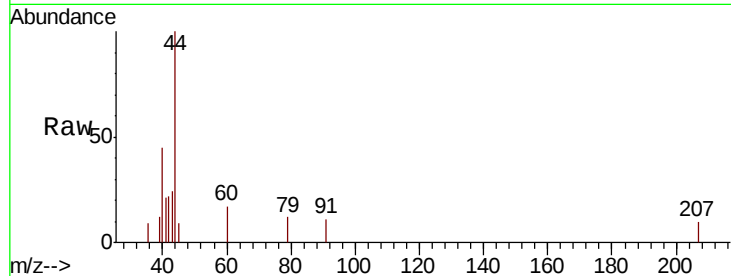




#78
n-propylbenzene
Concen: Below Cal
RT: 12.60 min Scan# 3368
Delta R.T. 0.01 min
Lab File: VN057487.D
Acq: 23 Aug 2019 21:44

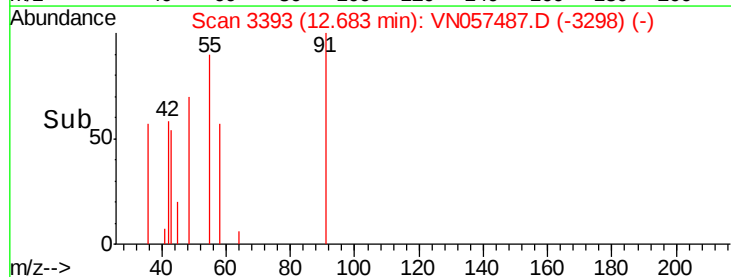
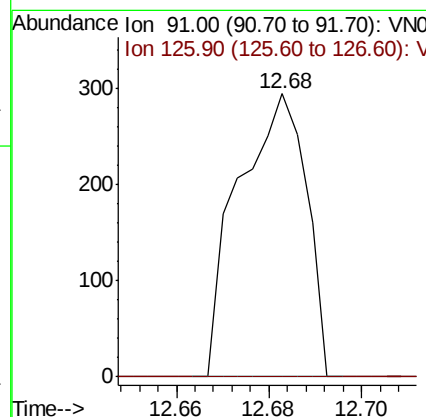
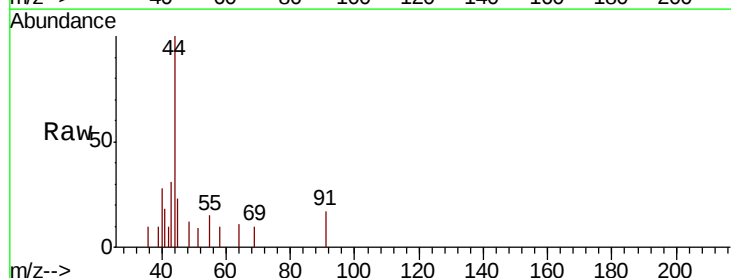
Instrument :
MSVOA_N
ClientSampleId :
T2-S3(0)

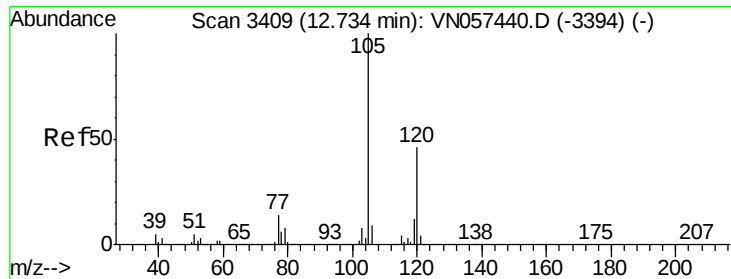
Tgt Ion: 91 Resp: 63
Ion Ratio Lower Upper
91 100
120 0.0 10.7 32.1#



#79
2-Chlorotoluene
Concen: Below Cal
RT: 12.68 min Scan# 3393
Delta R.T. 0.01 min
Lab File: VN057487.D
Acq: 23 Aug 2019 21:44

Tgt Ion: 91 Resp: 299
Ion Ratio Lower Upper
91 100
126 0.0 15.3 45.8#

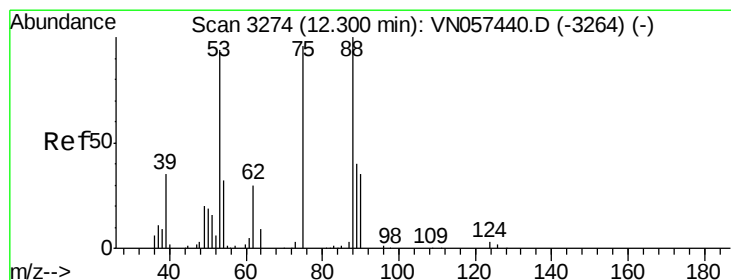
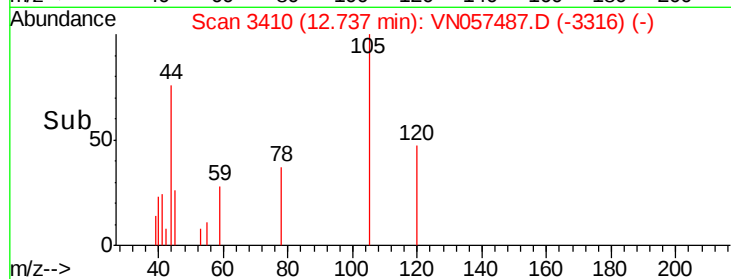
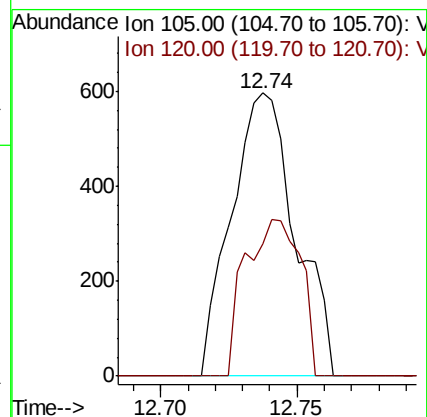
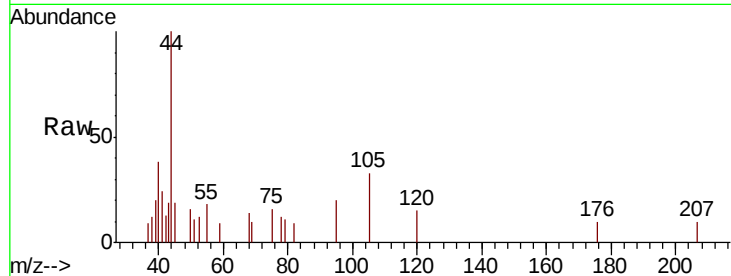




#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.74 min Scan# 3410
 Delta R.T. 0.00 min
 Lab File: VN057487.D
 Acq: 23 Aug 2019 21:44

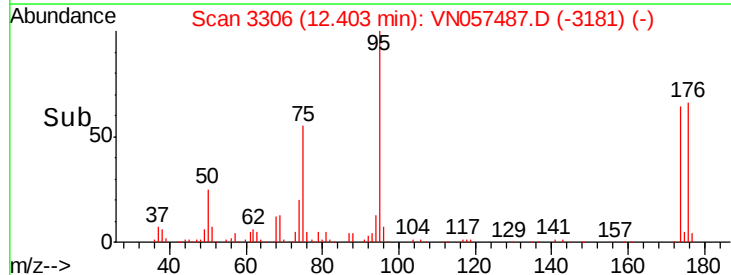
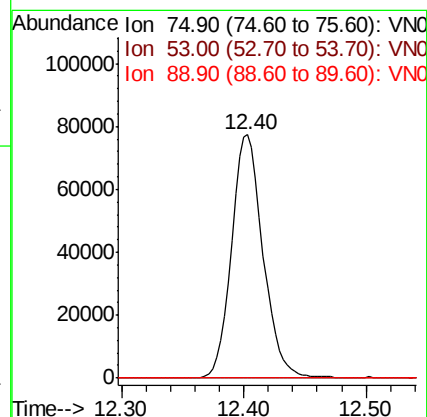
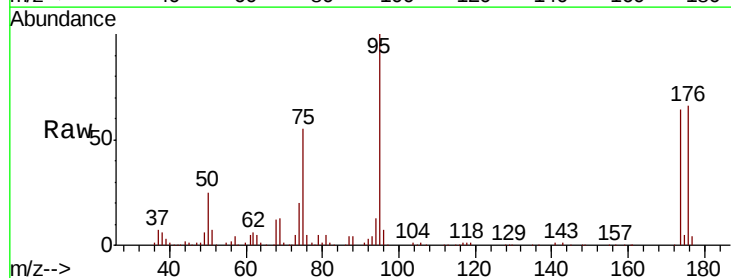
Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S3(0)

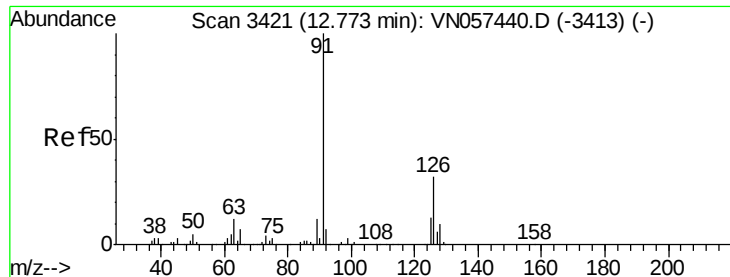
Tgt Ion: 105 Resp: 974
 Ion Ratio Lower Upper
 105 100
 120 48.0 23.3 69.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.410 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN057487.D
 Acq: 23 Aug 2019 21:44

Tgt Ion: 75 Resp: 138945
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.7 124.1#
 89 0.0 35.8 53.8#





#82

4-Chlorotoluene

Concen: Below Cal

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN057487.D

Acq: 23 Aug 2019 21:44

Instrument :

MSVOA_N

ClientSampleId :

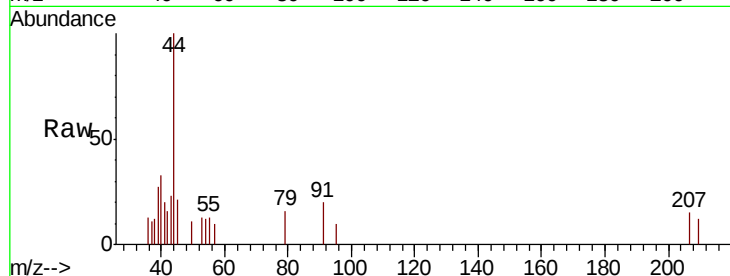
T2-S3(0)

Tgt Ion: 91 Resp: 200

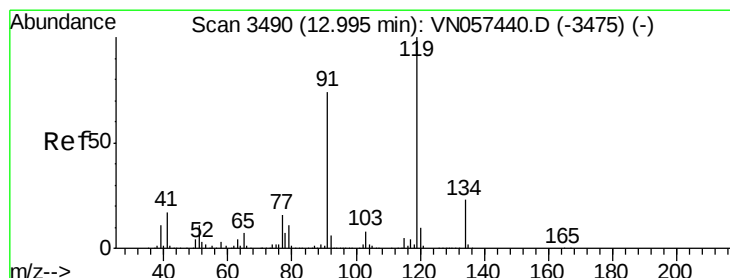
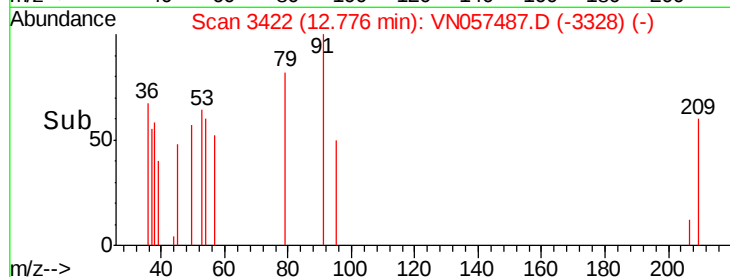
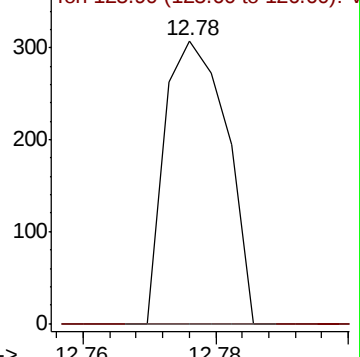
Ion Ratio Lower Upper

91 100

126 0.0 15.0 45.0#



Abundance Ion 91.00 (90.70 to 91.70): VN057440.D (-3413) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.72 min Scan# 3405

Delta R.T. -0.27 min

Lab File: VN057487.D

Acq: 23 Aug 2019 21:44

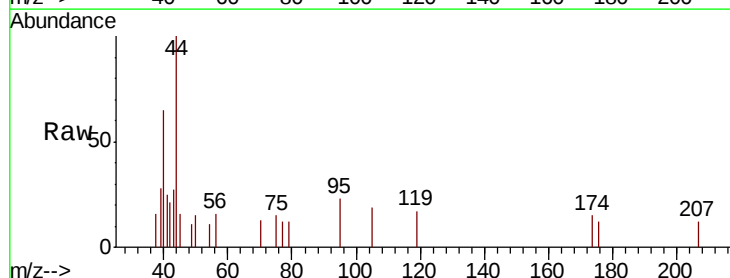
Tgt Ion: 119 Resp: 118

Ion Ratio Lower Upper

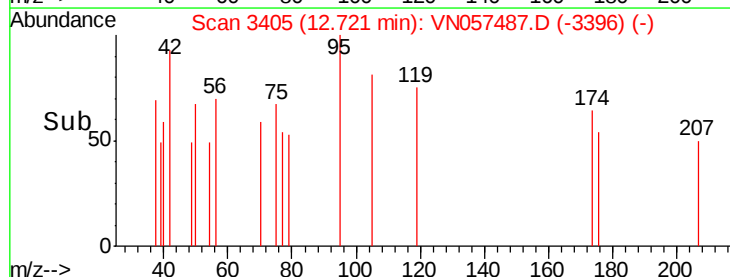
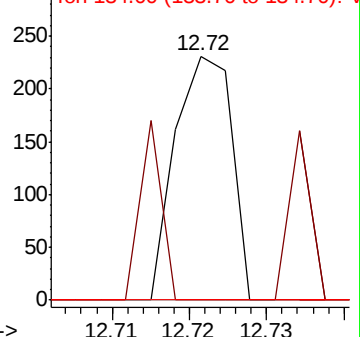
119 100

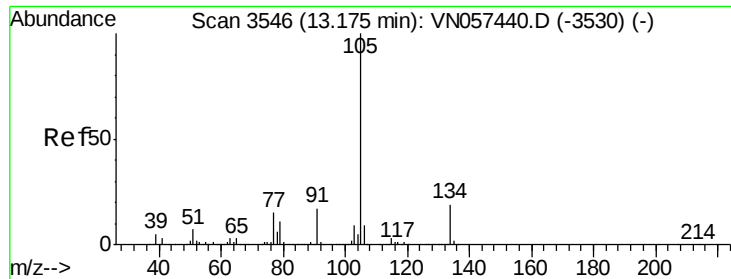
91 28.0 37.0 111.0#

134 0.0 12.2 36.6#



Abundance Ion 119.00 (118.70 to 119.70): VN057440.D (-3475) (-)

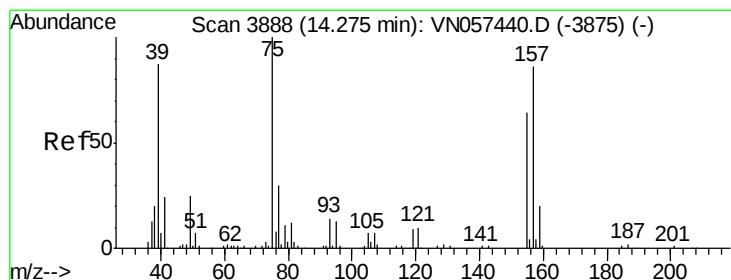
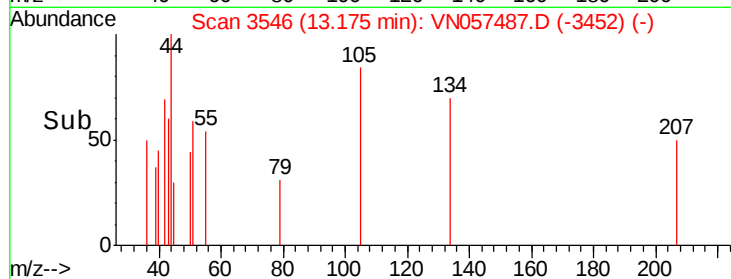
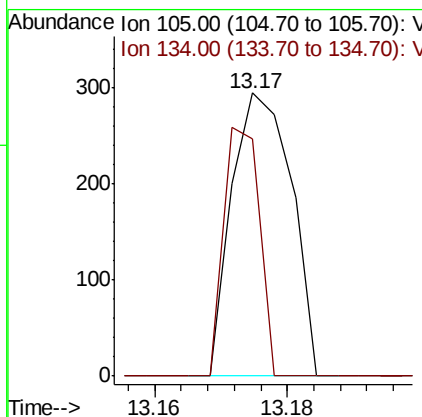
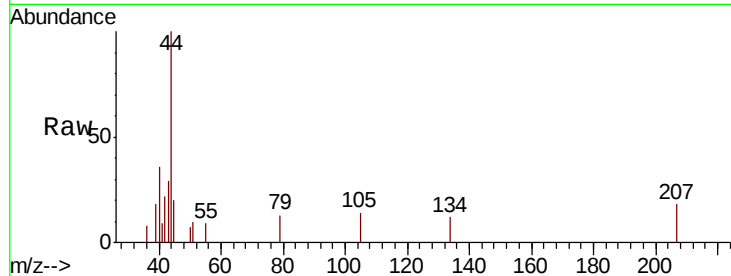




#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN057487.D
 Acq: 23 Aug 2019 21:44

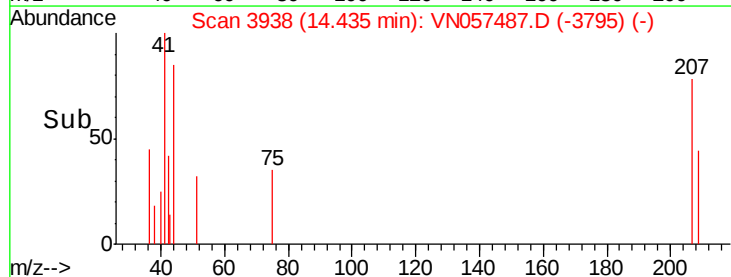
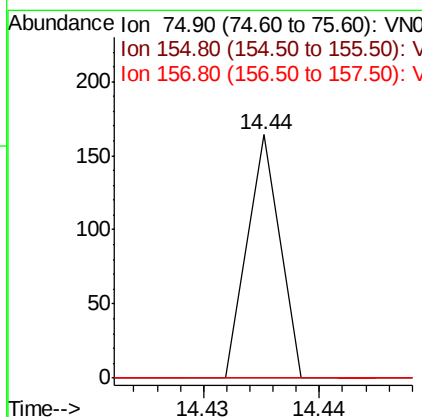
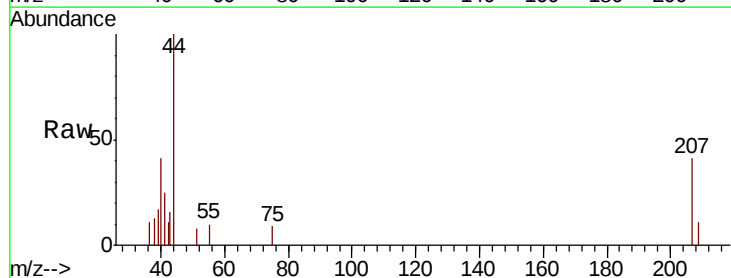
Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S3(0)

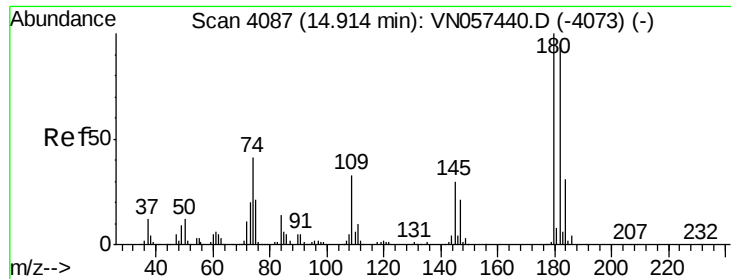
Tgt Ion: 105 Resp: 183
 Ion Ratio Lower Upper
 105 100
 134 53.0 9.3 27.9#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.44 min Scan# 3938
 Delta R.T. 0.16 min
 Lab File: VN057487.D
 Acq: 23 Aug 2019 21:44

Tgt Ion: 75 Resp: 32
 Ion Ratio Lower Upper
 75 100
 155 0.0 31.6 94.7#
 157 0.0 43.3 129.8#

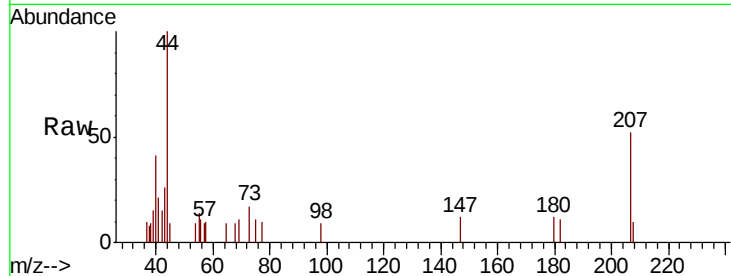




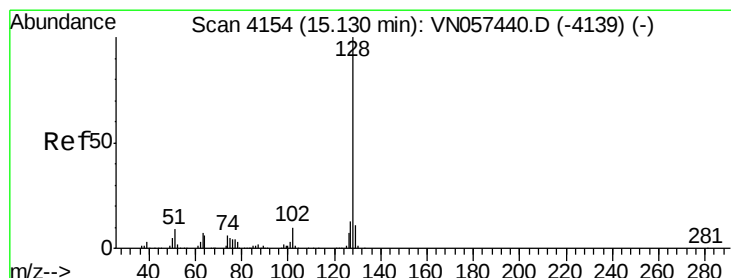
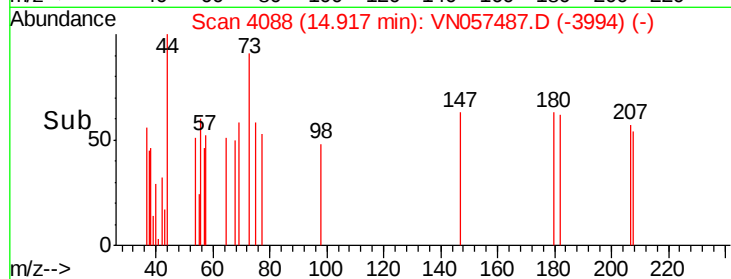
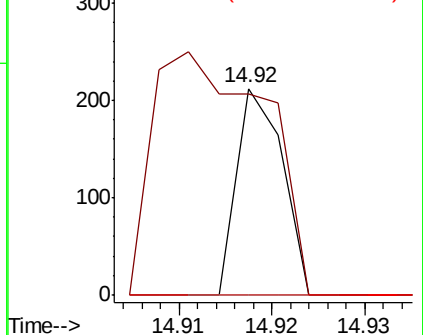
#93
 1,2,4-Trichlorobenzene
 Concen: 5.407 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN057487.D
 Acq: 23 Aug 2019 21:44

Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S3(0)

Tgt Ion:180 Resp: 73
 Ion Ratio Lower Upper
 180 100
 182 289.0 46.7 140.1#
 145 0.0 15.6 46.8#

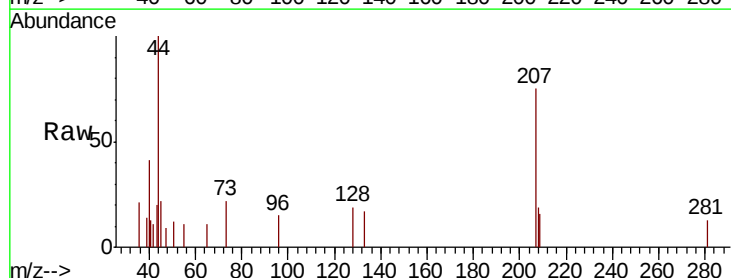


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

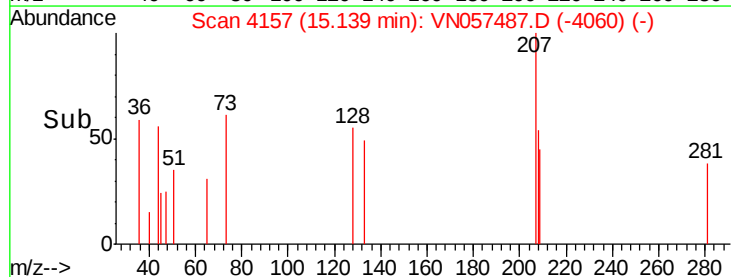
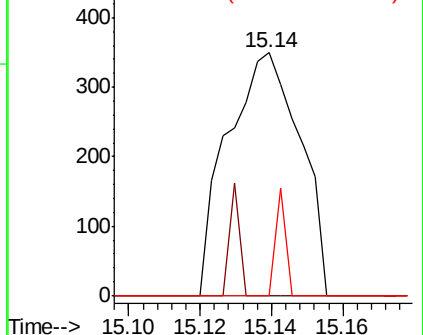


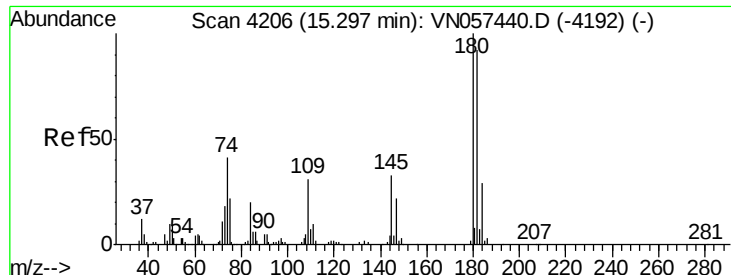
#95
 Naphthalene
 Concen: 4.416 ug/l
 RT: 15.14 min Scan# 4157
 Delta R.T. 0.01 min
 Lab File: VN057487.D
 Acq: 23 Aug 2019 21:44

Tgt Ion:128 Resp: 492
 Ion Ratio Lower Upper
 128 100
 127 6.3 10.5 15.7#
 129 6.1 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: 5.166 ug/l
 RT: 15.29 min Scan# 4205
 Delta R.T. -0.00 min
 Lab File: VN057487.D
 Acq: 23 Aug 2019 21:44

Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S3(0)

Tgt Ion:	180	Resp:	104
Ion Ratio	Lower	Upper	
180	100		
182	0.0	46.7	140.1#
145	0.0	16.8	50.3#

