

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082619\
 Data File : VN057518.D
 Acq On : 26 Aug 2019 18:40
 Operator : JC/SP
 Sample : K4475-21
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Aug 27 07:15:56 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	404390	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	701676	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	601250	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	145145	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	337691	47.47	ug/l	0.00
Spiked Amount			Recovery	=	94.94%	
35) Dibromofluoromethane	7.57	113	222265	46.90	ug/l	0.00
Spiked Amount			Recovery	=	93.80%	
50) Toluene-d8	10.09	98	935618	52.21	ug/l	0.00
Spiked Amount			Recovery	=	104.42%	
62) 4-Bromofluorobenzene	12.40	95	251560	41.42	ug/l	0.00
Spiked Amount			Recovery	=	82.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.05	50	1902	0.279	ug/l	92
5) Bromomethane	2.56	94	2745	0.537	ug/l	84
8) Diethyl Ether	3.40	74	643	Below Cal		48
9) 1,1,2-Trichlorotrifluoroet	3.71	101	30	Below Cal	#	1
11) Tert butyl alcohol	4.79	59	364	0.412	ug/l #	75
13) Acrolein	3.58	56	464	0.597	ug/l #	34
16) Acetone	3.80	43	19597	5.999	ug/l #	88
18) Methyl Acetate	4.31	43	11534	0.695	ug/l #	80
20) Methylene Chloride	4.52	84	19267	3.909	ug/l	94
25) 2-Butanone	6.82	43	919	0.259	ug/l #	57
29) Tetrahydrofuran	7.21	42	935	0.400	ug/l #	64
31) Cyclohexane	7.65	56	13277	1.329	ug/l #	33
36) 1,1-Dichloropropene	7.65	75	40374	5.631	ug/l #	51
38) Carbon Tetrachloride	7.65	117	43539	6.113	ug/l #	17
43) Isopropyl Acetate	8.16	43	118844	9.148	ug/l	99
46) Dibromomethane	9.19	93	96	Below Cal	#	10
48) Methyl methacrylate	9.18	41	5773	0.935	ug/l #	16
51) 4-Methyl-2-Pentanone	9.98	43	10060	1.390	ug/l	97
54) cis-1,3-Dichloropropene	9.90	75	45986	4.932	ug/l #	63
57) 1,3-Dichloropropane	10.76	76	8150	0.934	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.69	63	64	17.092	ug/l #	52
59) 2-Hexanone	10.76	43	119230	24.011	ug/l #	56
73) Isopropylbenzene	12.24	105	1489	Below Cal		77
74) N-aryl acetate	12.06	43	3262	Below Cal	#	70
75) 1,1,2,2-Tetrachloroethane	12.51	83	104	Below Cal	#	86
76) 1,2,3-Trichloropropane	12.40	75	144521	44.579	ug/l #	100
77) Bromobenzene	12.53	156	268	Below Cal	#	1
78) n-propylbenzene	12.60	91	3270	Below Cal		85
79) 2-Chlorotoluene	12.67	91	1893	Below Cal		94
80) 1,3,5-Trimethylbenzene	12.73	105	2529	Below Cal		85
81) trans-1,4-Dichloro-2-buten	12.40	75	144521	114.333	ug/l #	8
82) 4-Chlorotoluene	12.79	91	2604	Below Cal		74
83) tert-Butylbenzene	13.00	119	1426	Below Cal	#	83
85) sec-Butylbenzene	13.17	105	2649	Below Cal	#	77

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082619\
 Data File : VN057518.D
 Acq On : 26 Aug 2019 18:40
 Operator : JC/SP
 Sample : K4475-21
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Aug 27 07:15:56 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

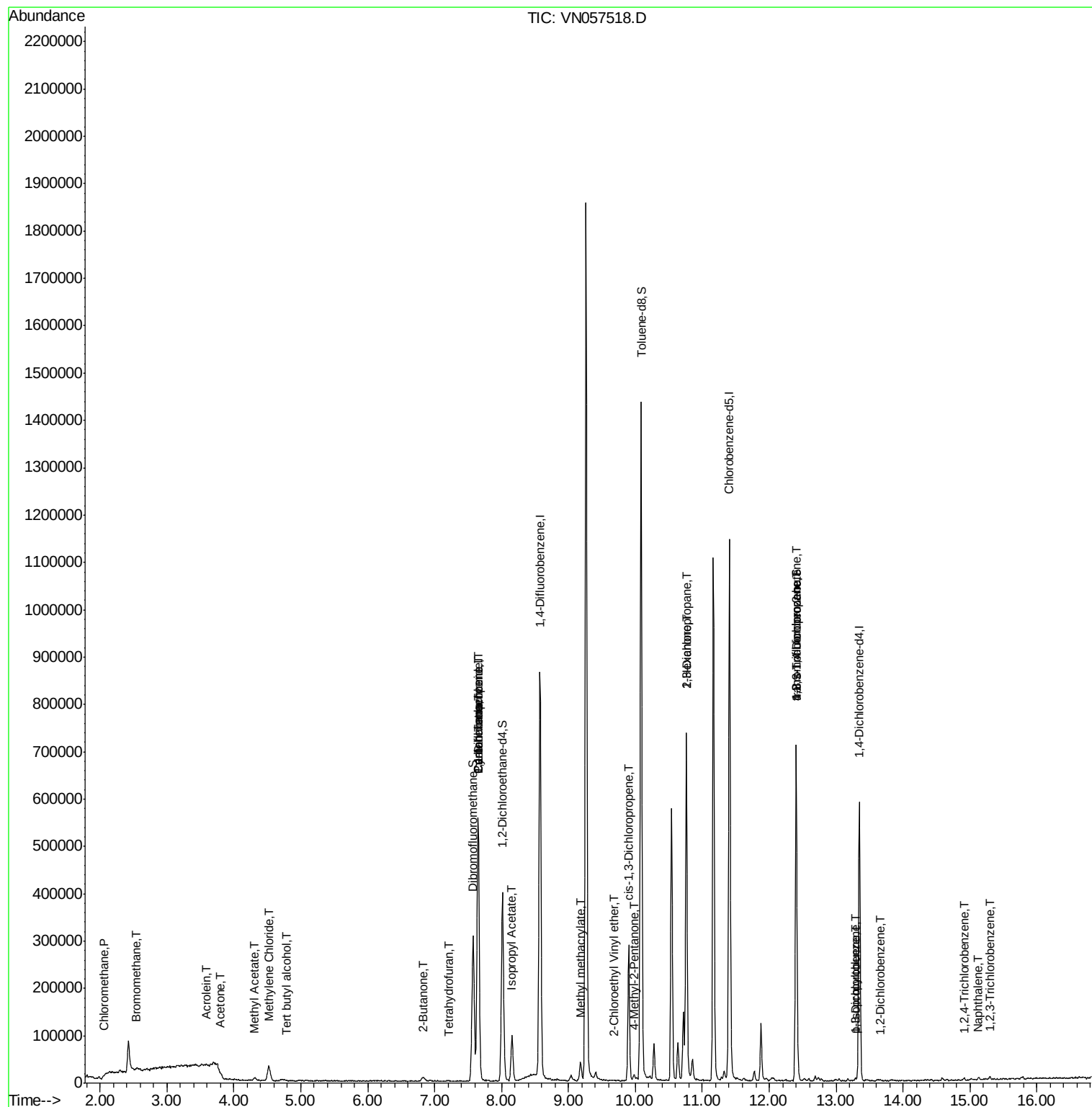
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.29	119	2324	0.205	ug/l #	74
87) 1,3-Dichlorobenzene	13.29	146	1584	0.338	ug/l #	83
91) 1,2-Dichlorobenzene	13.67	146	1644	0.367	ug/l	87
92) 1,2-Dibromo-3-Chloropropan	14.26	75	63	Below Cal	#	11
93) 1,2,4-Trichlorobenzene	14.91	180	460	5.599	ug/l #	1
94) Hexachlorobutadiene	15.01	225	378	Below Cal	#	75
95) Naphthalene	15.13	128	5368	5.188	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.30	180	1392	5.806	ug/l	69

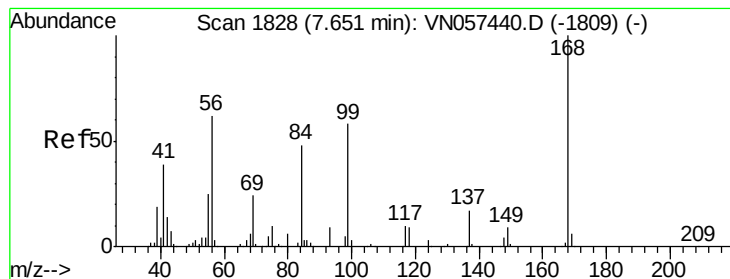
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN082619\
Data File : VN057518.D
Acq On : 26 Aug 2019 18:40
Operator : JC/SP
Sample : K4475-21
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Aug 27 07:15:56 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 23 05:07:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN057518.D

Acq: 26 Aug 2019 18:40

Instrument :

MSVOA_N

ClientSampleId :

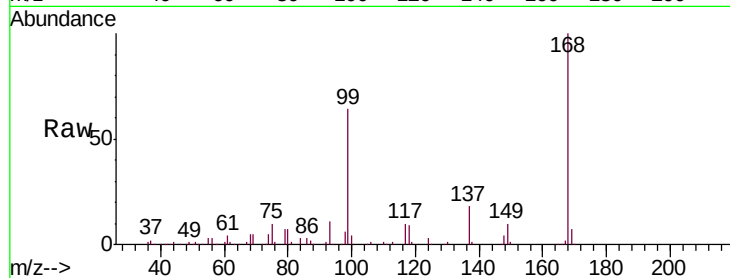
T1-2-C-(0)

Tgt Ion:168 Resp: 404390

Ion Ratio Lower Upper

168 100

99 64.0 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

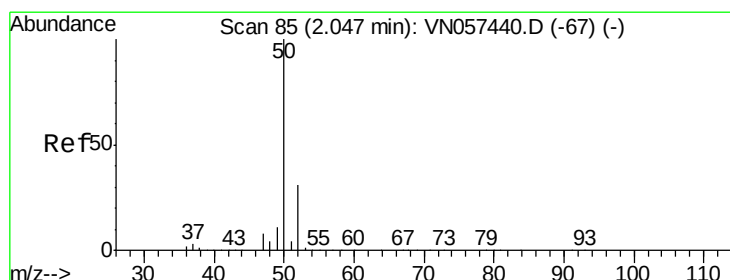
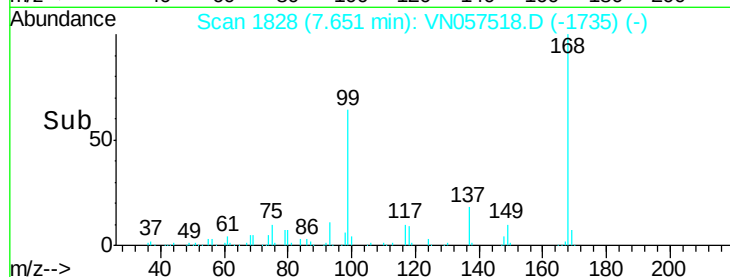
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.279 ug/l

RT: 2.05 min Scan# 85

Delta R.T. -0.00 min

Lab File: VN057518.D

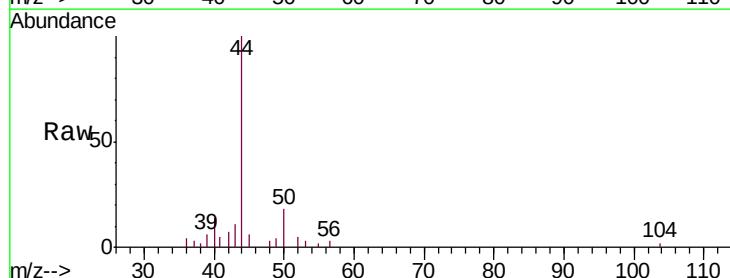
Acq: 26 Aug 2019 18:40

Tgt Ion: 50 Resp: 1902

Ion Ratio Lower Upper

50 100

52 27.2 25.1 37.7



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.05

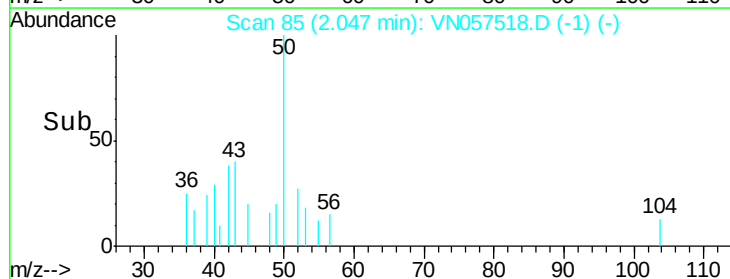
1500

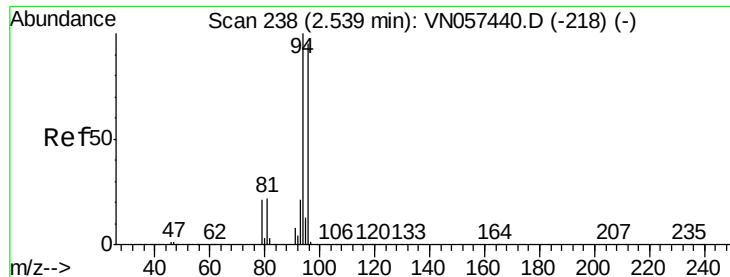
1000

500

0

Time-->





#5

Bromomethane

Concen: 0.537 ug/l

RT: 2.56 min Scan# 244

Delta R.T. 0.02 min

Lab File: VN057518.D

Acq: 26 Aug 2019 18:40

Instrument :

MSVOA_N

ClientSampleId :

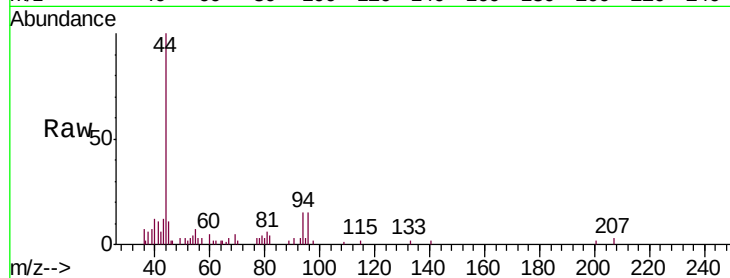
T1-2-C-(0)

Tgt Ion: 94 Resp: 2745

Ion Ratio Lower Upper

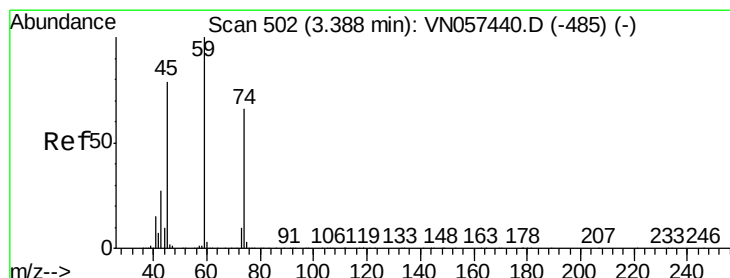
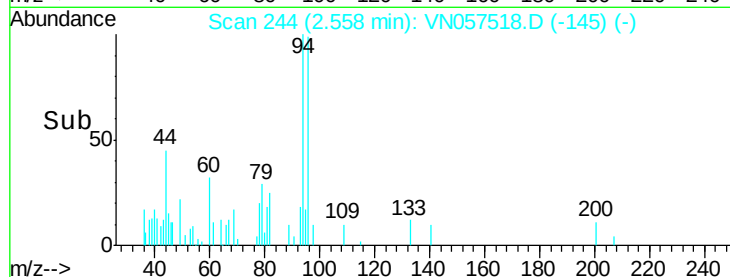
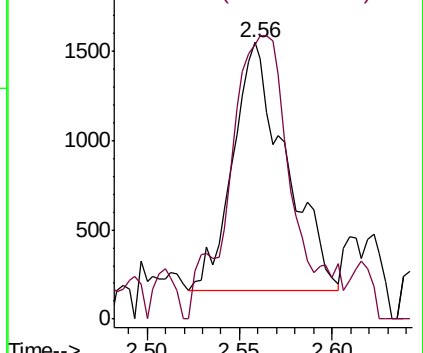
94 100

96 110.6 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#8

Diethyl Ether

Concen: Below Cal

RT: 3.40 min Scan# 506

Delta R.T. 0.01 min

Lab File: VN057518.D

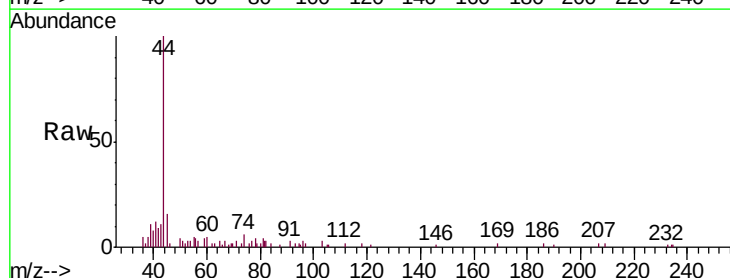
Acq: 26 Aug 2019 18:40

Tgt Ion: 74 Resp: 643

Ion Ratio Lower Upper

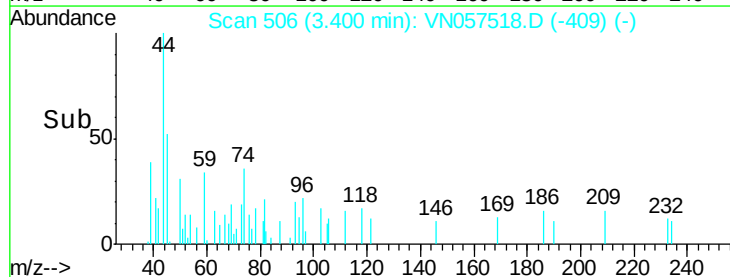
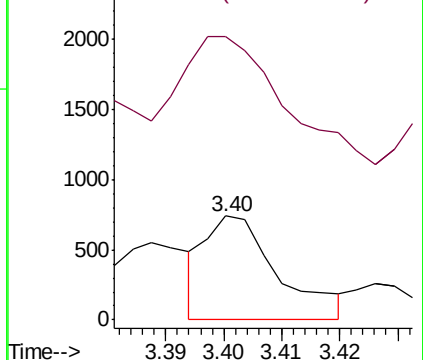
74 100

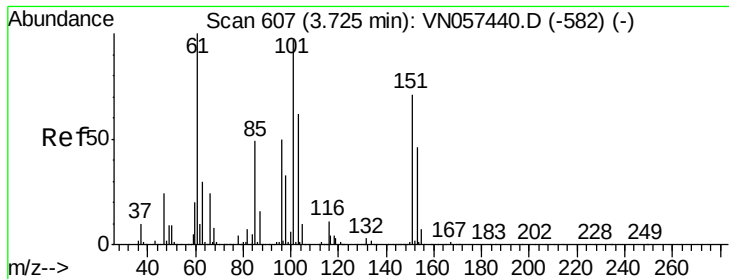
45 172.3 57.9 173.6



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0





#9

1,1,2-Trichlorotrifluoroethane

Concen: Below Cal

RT: 3.71 min Scan# 602

Delta R.T. -0.02 min

Lab File: VN057518.D

Acq: 26 Aug 2019 18:40

Instrument :

MSVOA_N

ClientSampled :

T1-2-C-(0)

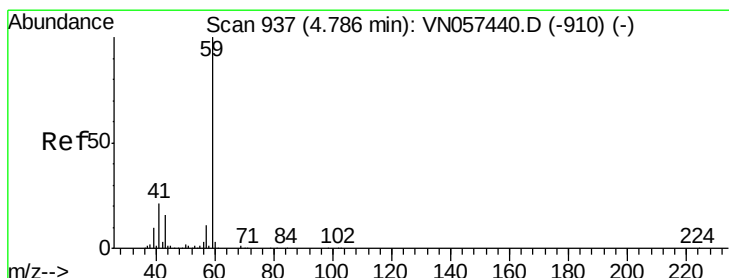
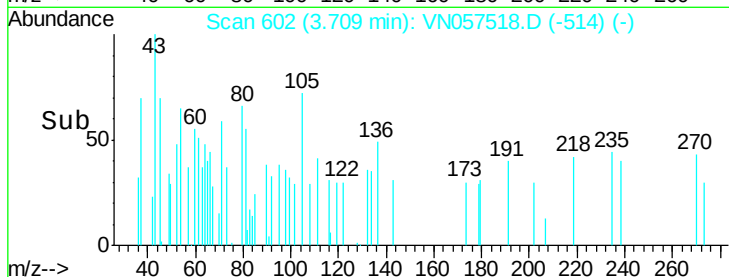
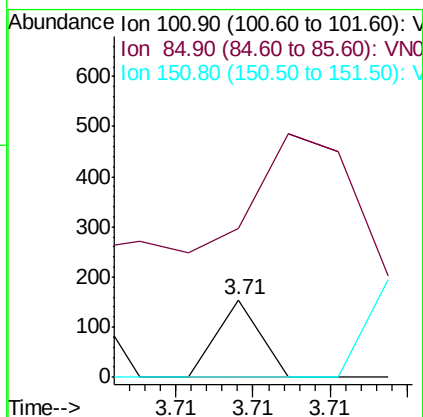
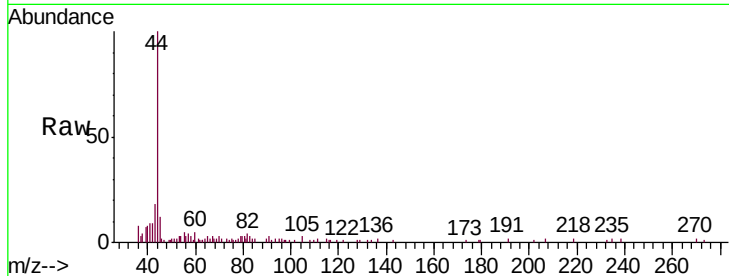
Tgt Ion:101 Resp: 30

Ion Ratio Lower Upper

101 100

85 1423.3 40.0 60.0#

151 560.0 57.0 85.6#



#11

Tert butyl alcohol

Concen: 0.412 ug/l

RT: 4.79 min Scan# 937

Delta R.T. -0.00 min

Lab File: VN057518.D

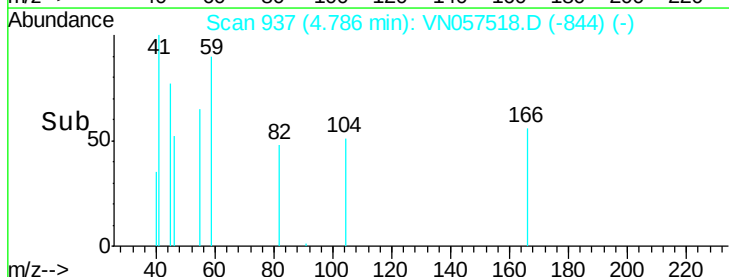
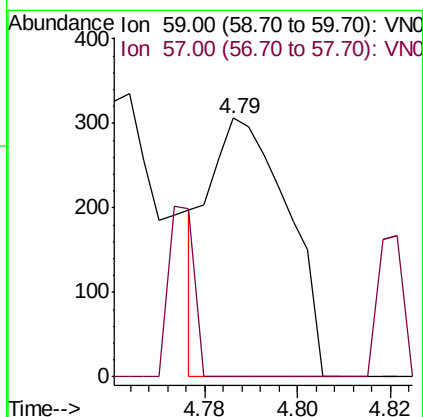
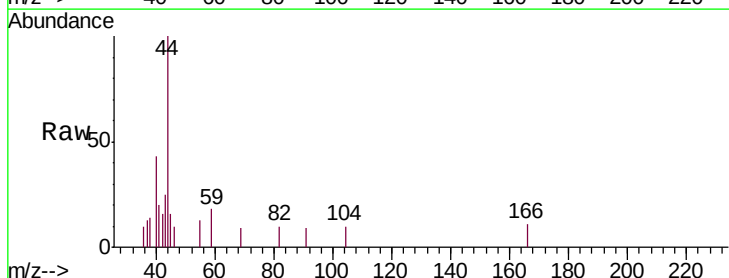
Acq: 26 Aug 2019 18:40

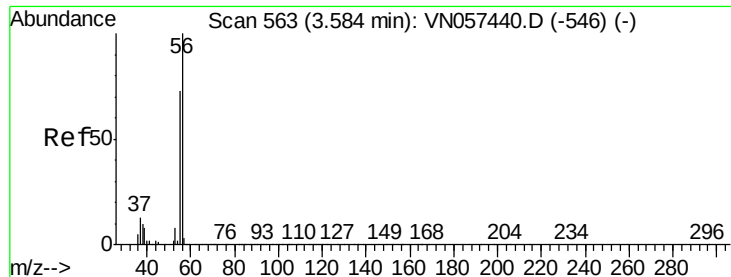
Tgt Ion: 59 Resp: 364

Ion Ratio Lower Upper

59 100

57 21.2 9.1 13.7#





#13

Acrolein

Concen: 0.597 ug/l

RT: 3.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VN057518.D

Acq: 26 Aug 2019 18:40

Instrument :

MSVOA_N

ClientSampleId :

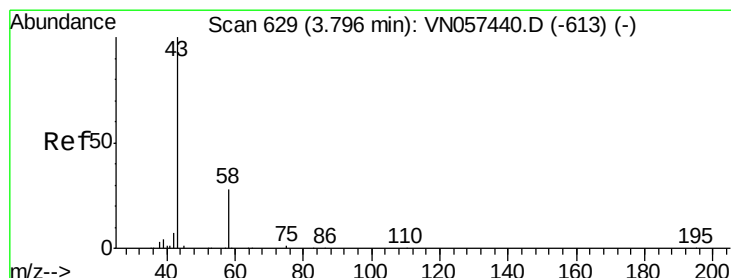
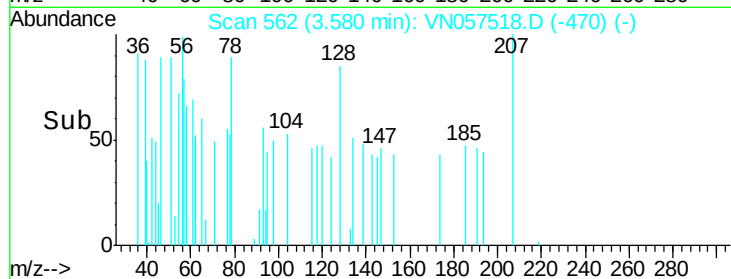
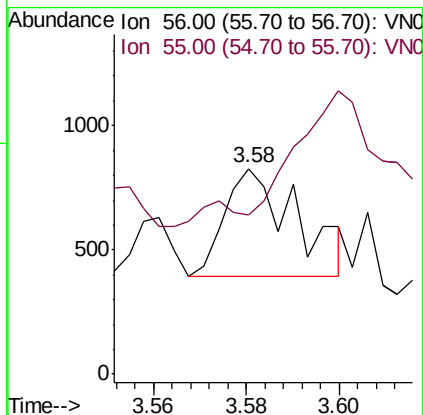
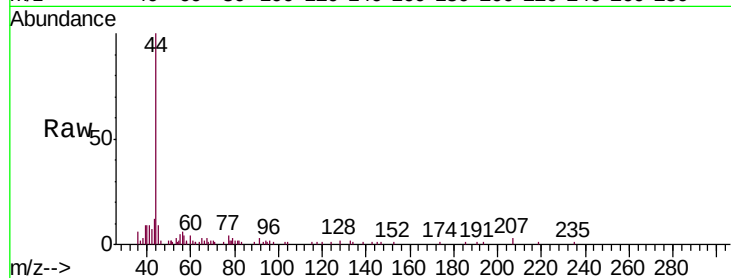
T1-2-C-(0)

Tgt Ion: 56 Resp: 464

Ion Ratio Lower Upper

56 100

55 129.7 59.0 88.4#



#16

Acetone

Concen: 5.999 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN057518.D

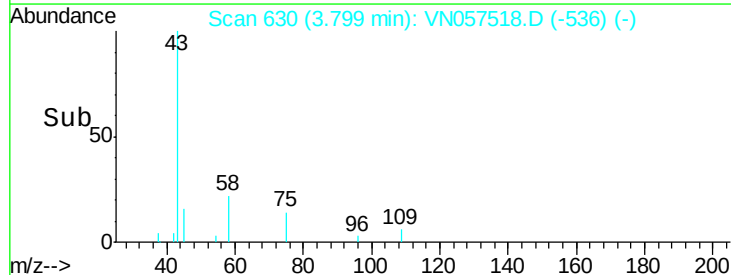
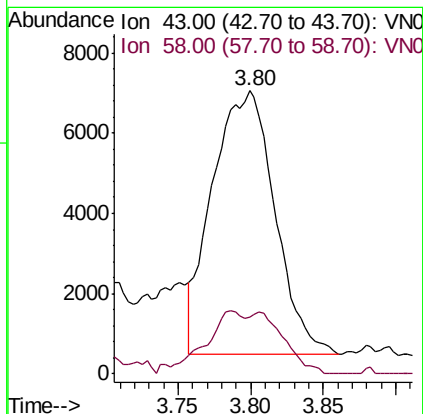
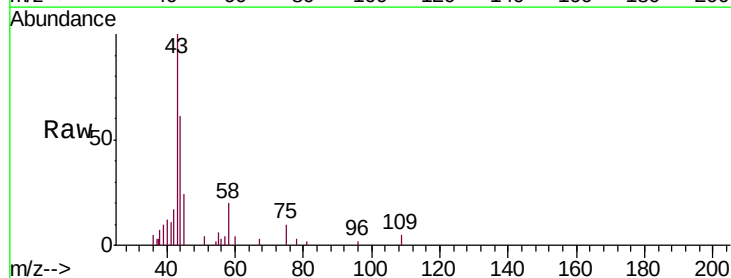
Acq: 26 Aug 2019 18:40

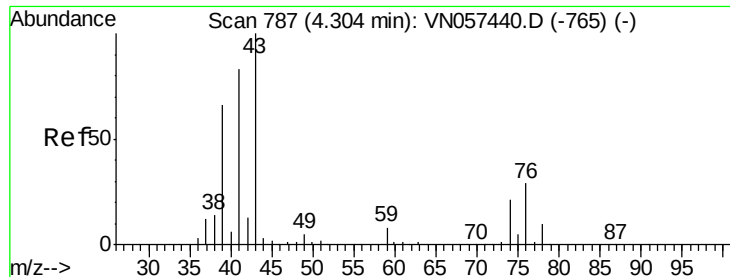
Tgt Ion: 43 Resp: 19597

Ion Ratio Lower Upper

43 100

58 21.5 22.1 33.1#

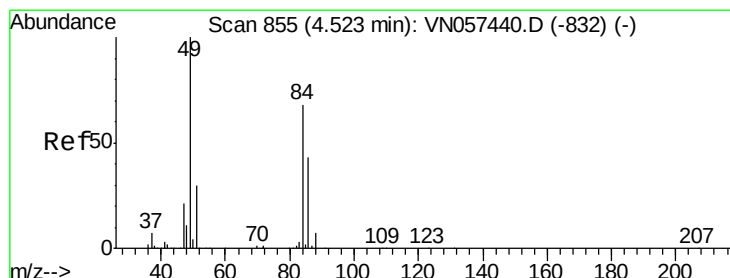
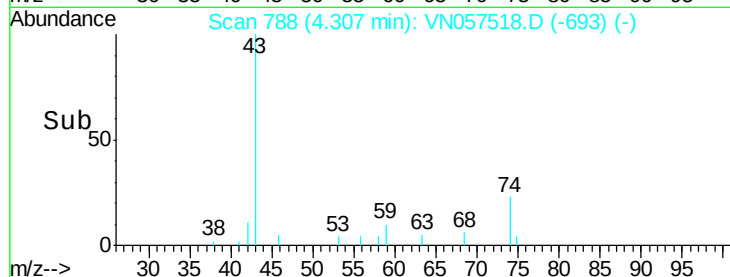
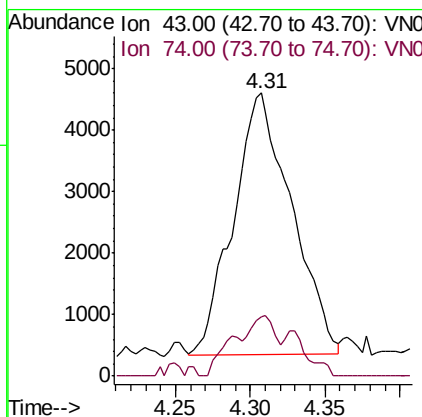
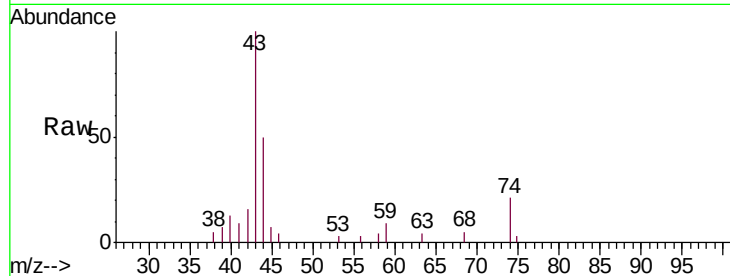




#18
Methyl Acetate
Concen: 0.695 ug/l
RT: 4.31 min Scan# 788
Delta R.T. 0.00 min
Lab File: VN057518.D
Acq: 26 Aug 2019 18:40

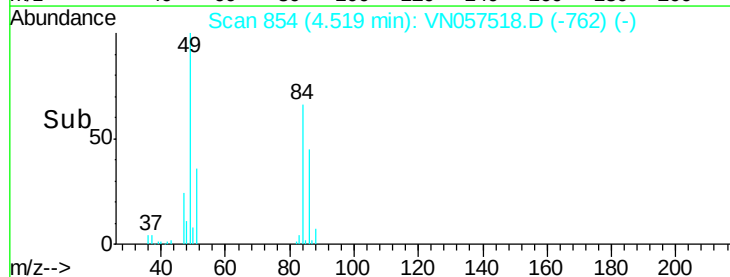
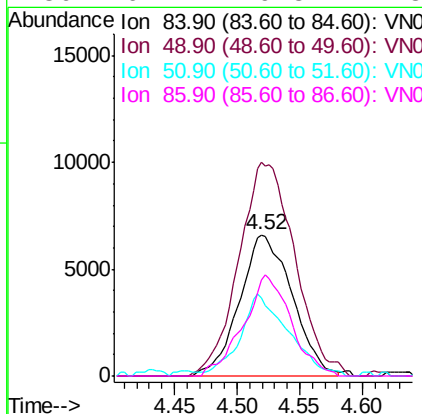
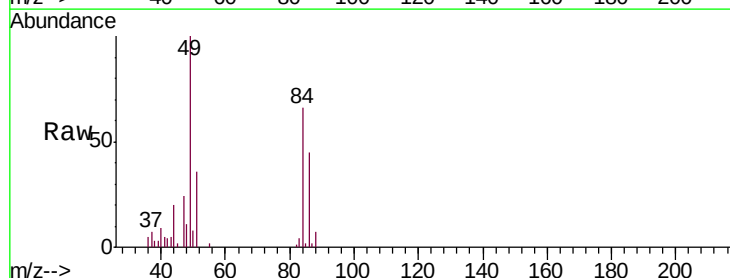
Instrument :
MSVOA_N
ClientSampleId :
T1-2-C-(0)

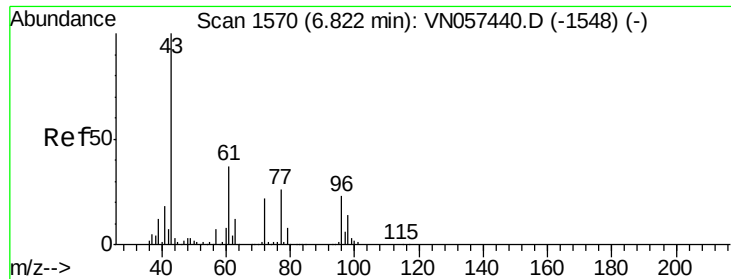
Tgt Ion: 43 Resp: 11534
Ion Ratio Lower Upper
43 100
74 10.5 15.9 23.9#



#20
Methylene Chloride
Concen: 3.909 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN057518.D
Acq: 26 Aug 2019 18:40

Tgt Ion: 84 Resp: 19267
Ion Ratio Lower Upper
84 100
49 151.4 117.0 175.4
51 51.6 35.5 53.3
86 67.7 49.8 74.8

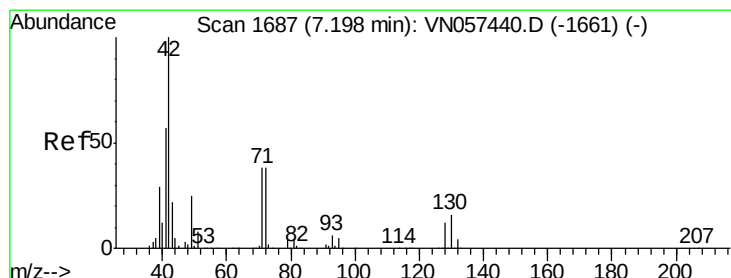
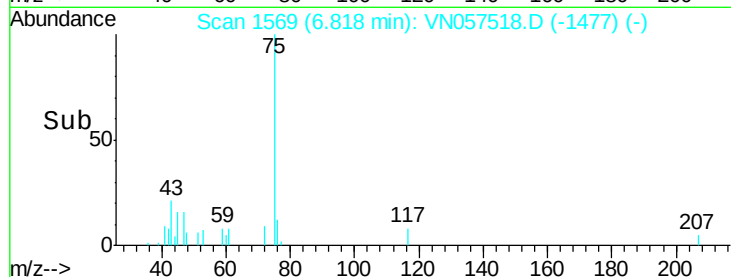
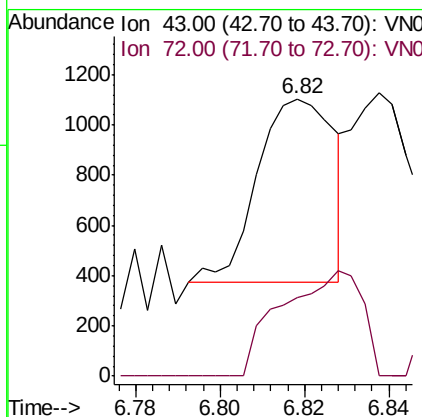
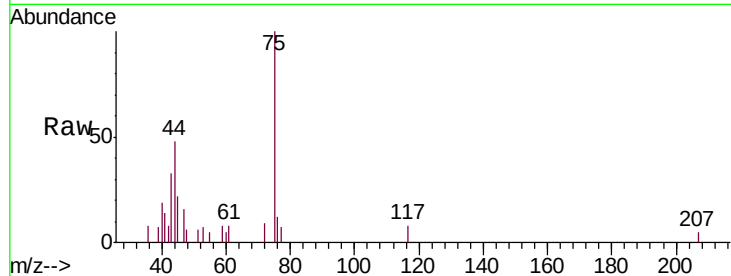




#25
 2-Butanone
 Concen: 0.259 ug/l
 RT: 6.82 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: VN057518.D
 Acq: 26 Aug 2019 18:40

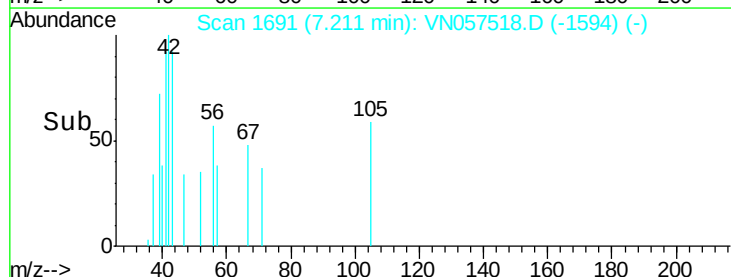
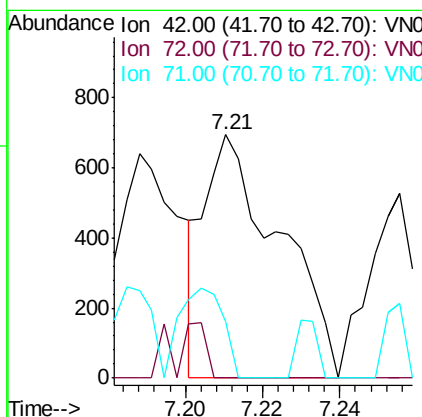
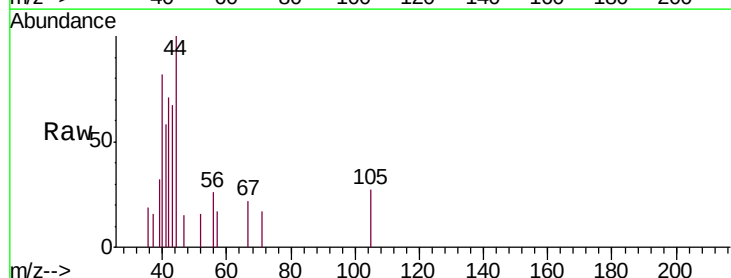
Instrument :
 MSVOA_N
 ClientSampled :
 T1-2-C-(0)

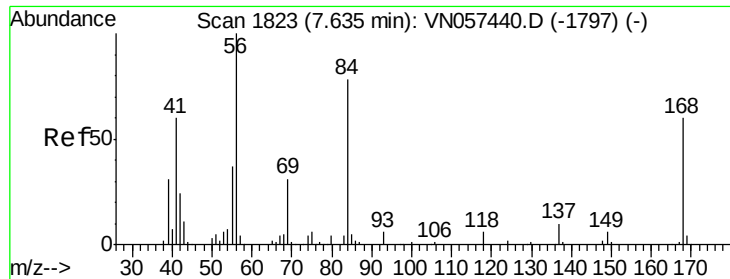
Tgt Ion: 43 Resp: 919
 Ion Ratio Lower Upper
 43 100
 72 43.0 17.8 26.8#



#29
 Tetrahydrofuran
 Concen: 0.400 ug/l
 RT: 7.21 min Scan# 1691
 Delta R.T. 0.01 min
 Lab File: VN057518.D
 Acq: 26 Aug 2019 18:40

Tgt Ion: 42 Resp: 935
 Ion Ratio Lower Upper
 42 100
 72 9.6 30.1 45.1#
 71 21.7 28.8 43.2#

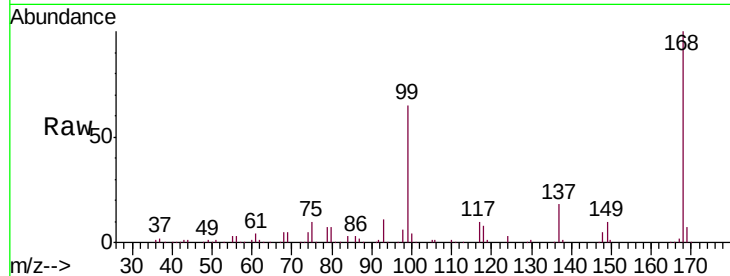




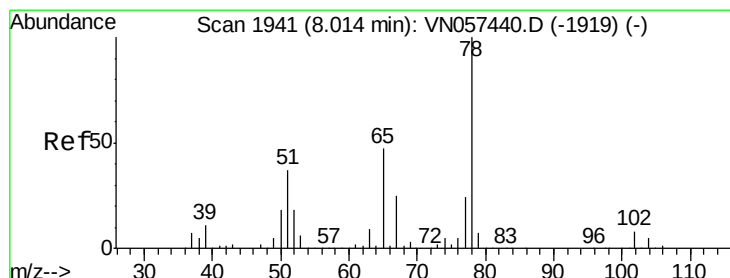
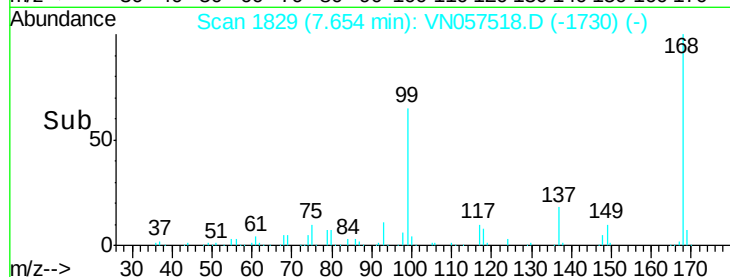
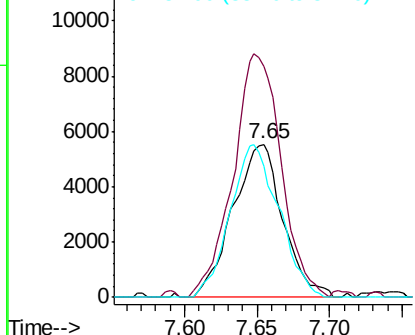
#31
Cyclohexane
Concen: 1.329 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.02 min
Lab File: VN057518.D
Acq: 26 Aug 2019 18:40

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

Tgt Ion: 56 Resp: 13277
Ion Ratio Lower Upper
56 100
69 148.1 25.0 37.6#
84 85.8 62.5 93.7

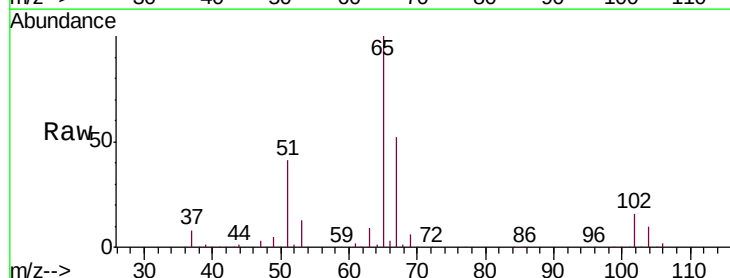


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

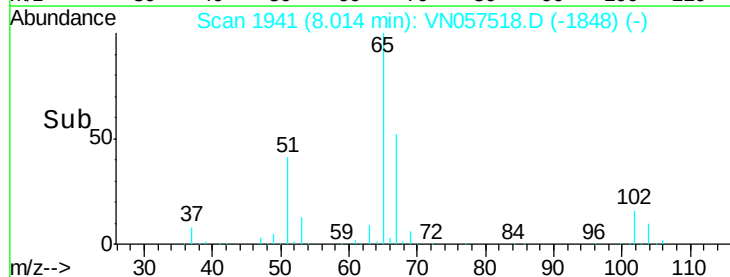
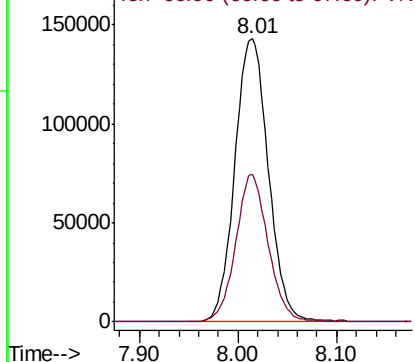


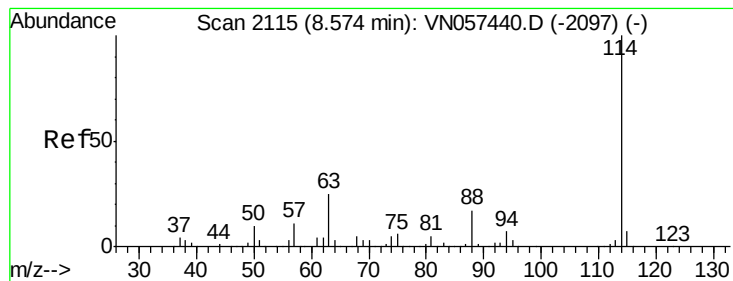
#33
1,2-Dichloroethane-d4
Concen: 47.470 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VN057518.D
Acq: 26 Aug 2019 18:40

Tgt Ion: 65 Resp: 337691
Ion Ratio Lower Upper
65 100
67 50.5 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: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN057518.D

Acq: 26 Aug 2019 18:40

Instrument :

MSVOA_N

ClientSampleId :

T1-2-C(0)

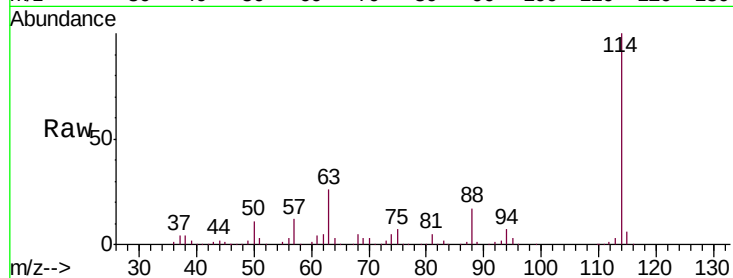
Tgt Ion:114 Resp: 701676

Ion Ratio Lower Upper

114 100

63 25.9 0.0 50.2

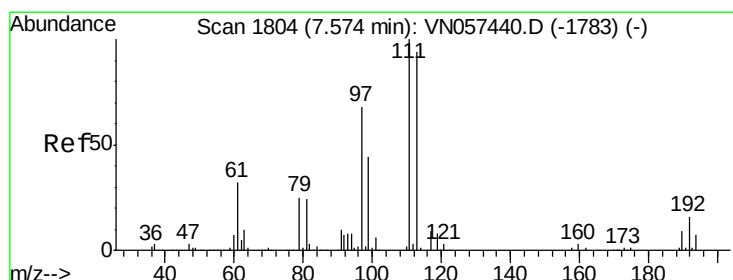
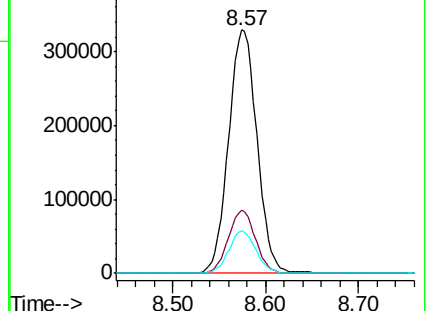
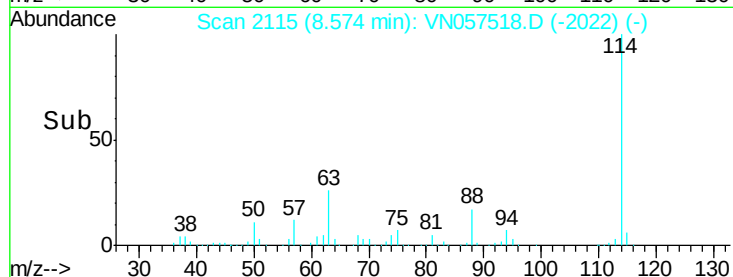
88 17.3 0.0 34.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 46.896 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VN057518.D

Acq: 26 Aug 2019 18:40

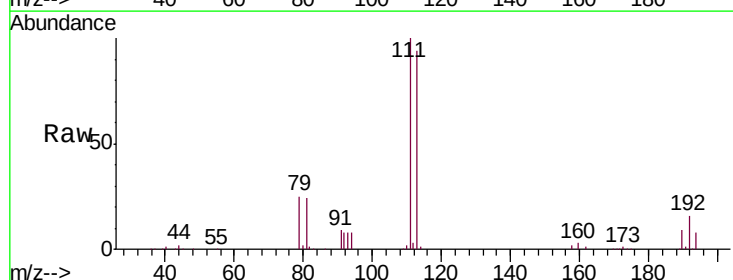
Tgt Ion:113 Resp: 222265

Ion Ratio Lower Upper

113 100

111 104.7 83.8 125.6

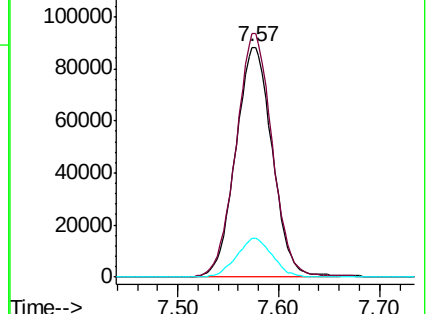
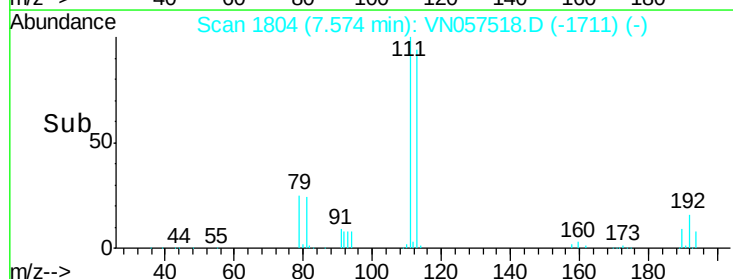
192 16.6 13.5 20.3

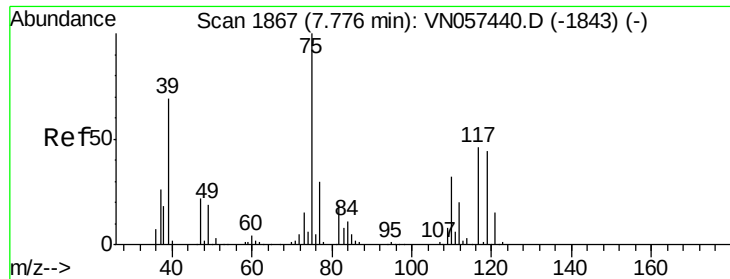


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

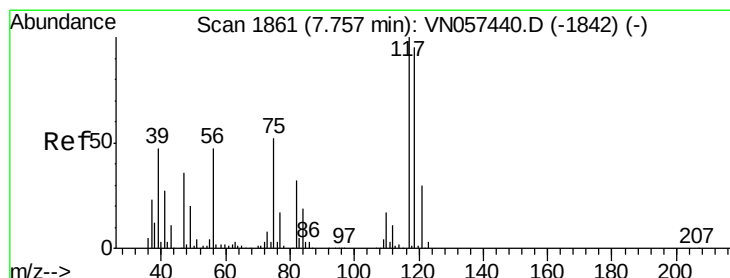
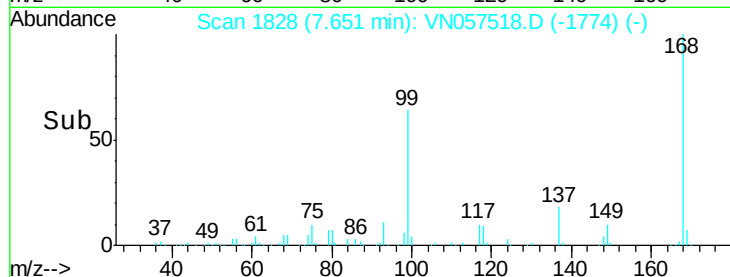
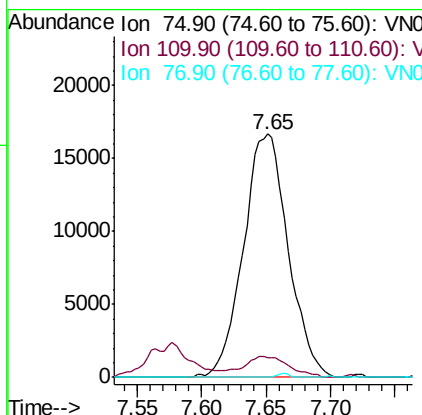
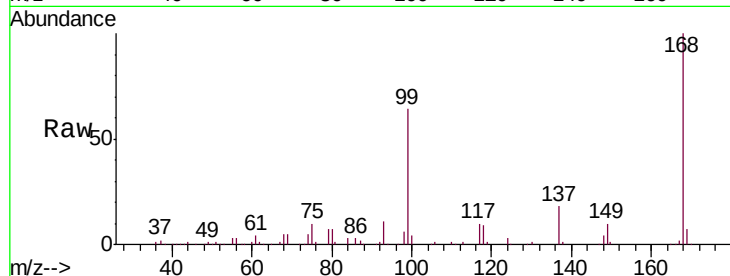




#36
 1,1-Dichloropropene
 Concen: 5.631 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN057518.D
 Acq: 26 Aug 2019 18:40

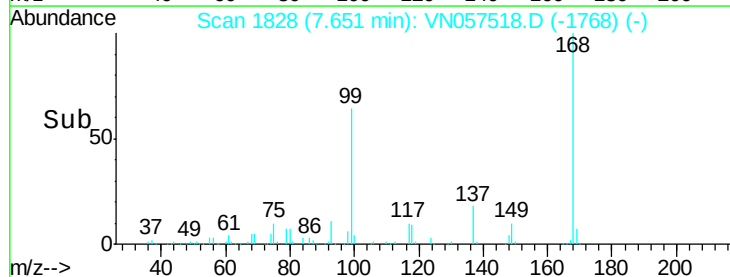
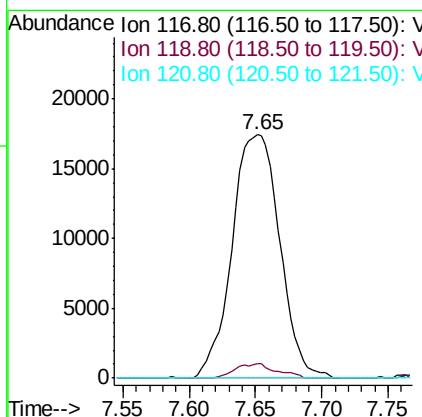
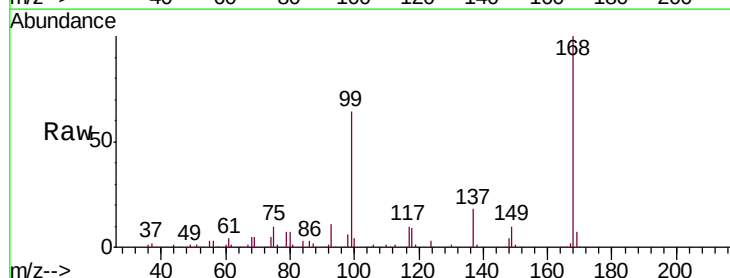
Instrument :
 MSVOA_N
 ClientSampled :
 T1-2-C-(0)

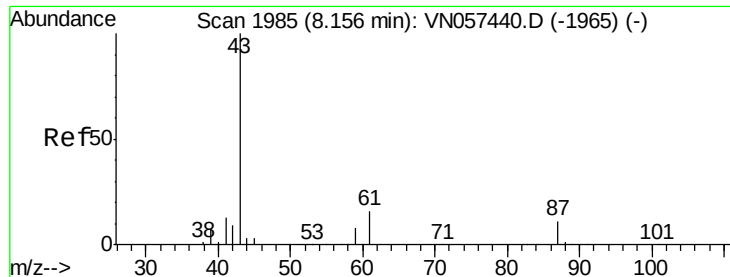
Tgt Ion: 75 Resp: 40374
 Ion Ratio Lower Upper
 75 100
 110 8.7 16.1 48.3#
 77 0.4 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 6.113 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.11 min
 Lab File: VN057518.D
 Acq: 26 Aug 2019 18:40

Tgt Ion: 117 Resp: 43539
 Ion Ratio Lower Upper
 117 100
 119 6.2 76.2 114.4#
 121 0.0 23.8 35.6#





#43

Isopropyl Acetate

Concen: 9.148 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN057518.D

Acq: 26 Aug 2019 18:40

Instrument :

MSVOA_N

ClientSampled :

T1-2-C-(0)

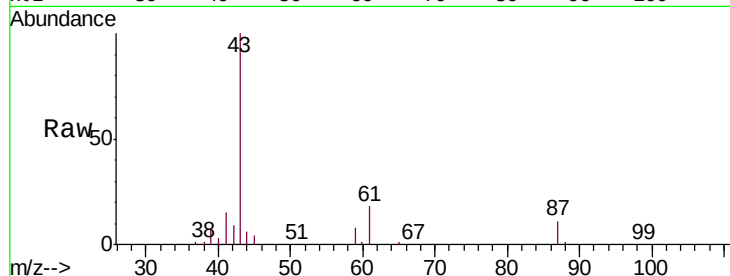
Tgt Ion: 43 Resp: 118844

Ion Ratio Lower Upper

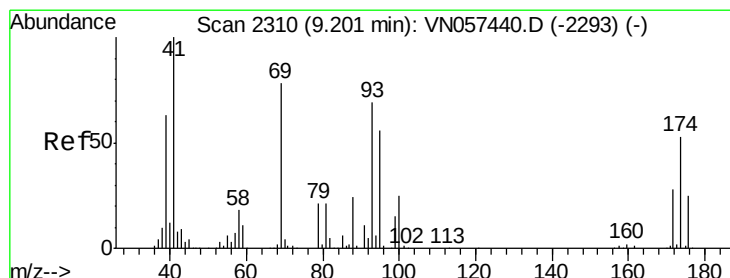
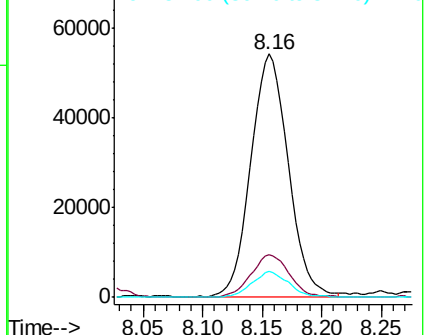
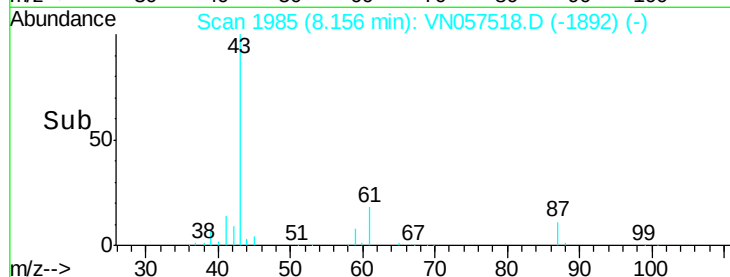
43 100

61 18.0 14.5 21.7

87 10.3 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VN057518.D (-1892) (-)



#46

Dibromomethane

Concen: Below Cal

RT: 9.19 min Scan# 2308

Delta R.T. -0.01 min

Lab File: VN057518.D

Acq: 26 Aug 2019 18:40

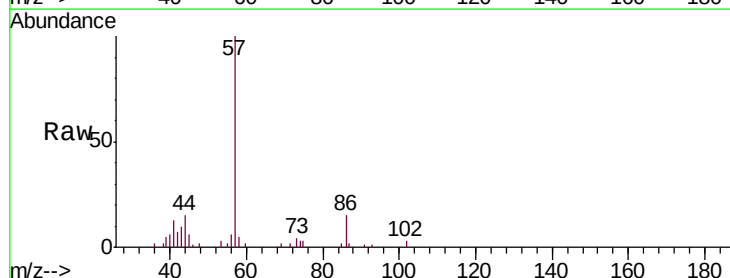
Tgt Ion: 93 Resp: 96

Ion Ratio Lower Upper

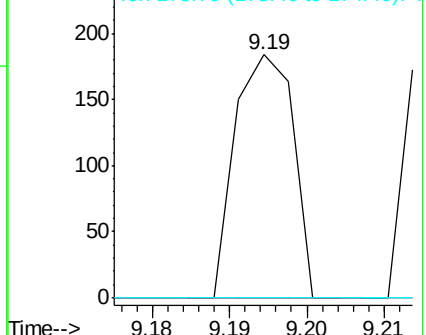
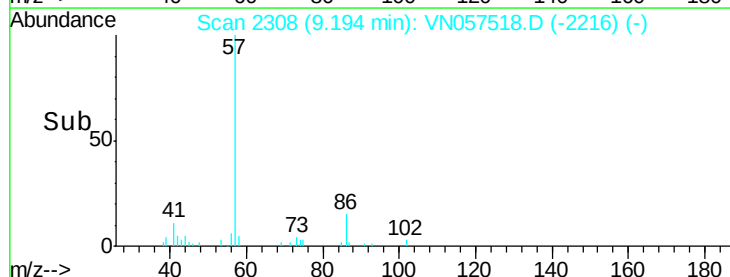
93 100

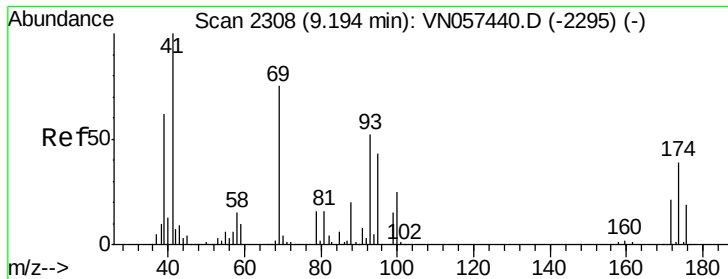
95 0.0 64.7 97.1#

174 0.0 62.3 93.5#



Abundance Ion 92.80 (92.50 to 93.50): VN057518.D (-2216) (-)

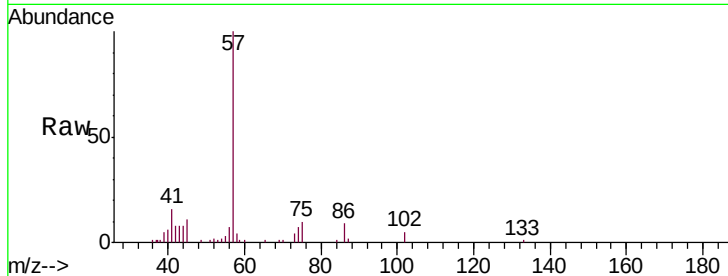




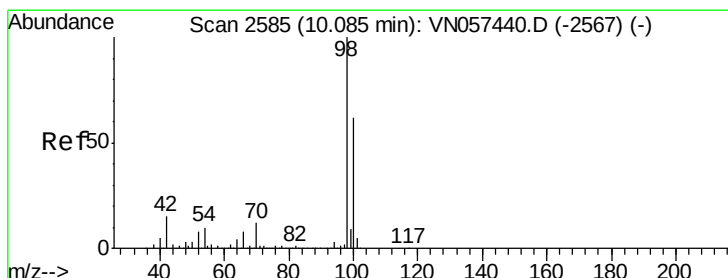
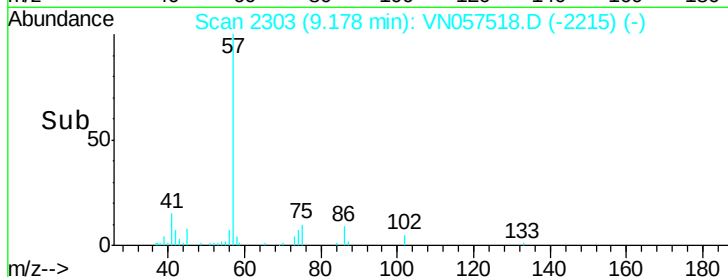
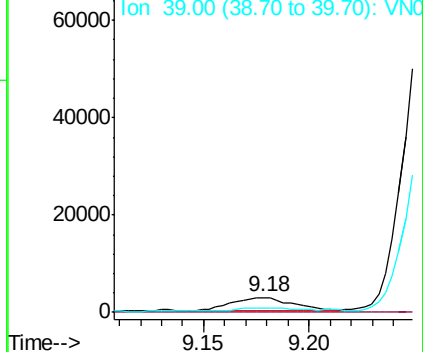
#48
Methyl methacrylate
Concen: 0.935 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN057518.D
Acq: 26 Aug 2019 18:40

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

Tgt Ion: 41 Resp: 5773
Ion Ratio Lower Upper
41 100
69 1.7 59.3 88.9#
39 0.0 50.6 75.8#

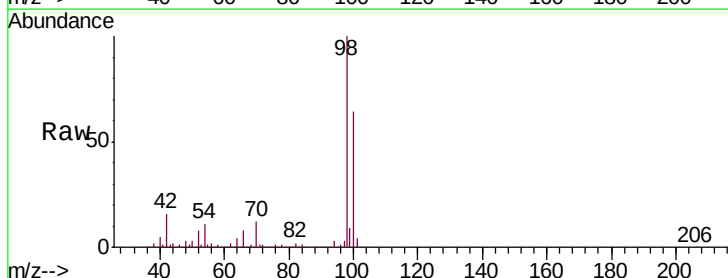


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

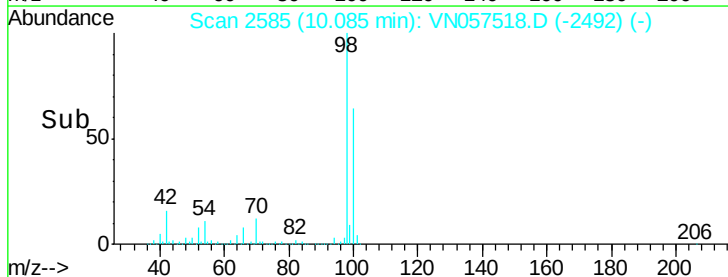
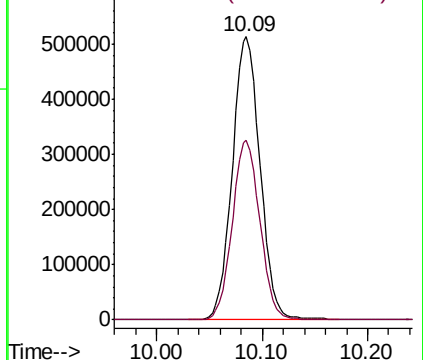


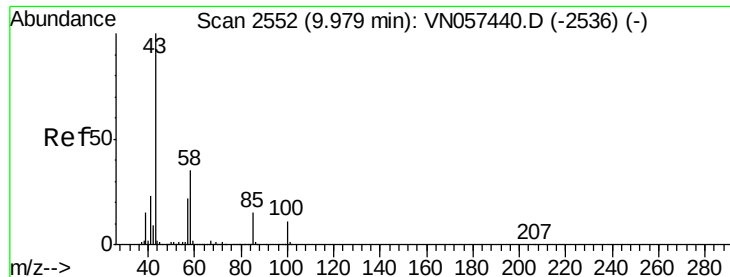
#50
Toluene-d8
Concen: 52.208 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN057518.D
Acq: 26 Aug 2019 18:40

Tgt Ion: 98 Resp: 935618
Ion Ratio Lower Upper
98 100
100 63.3 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 1.390 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN057518.D

Acq: 26 Aug 2019 18:40

Instrument :

MSVOA_N

ClientSampleId :

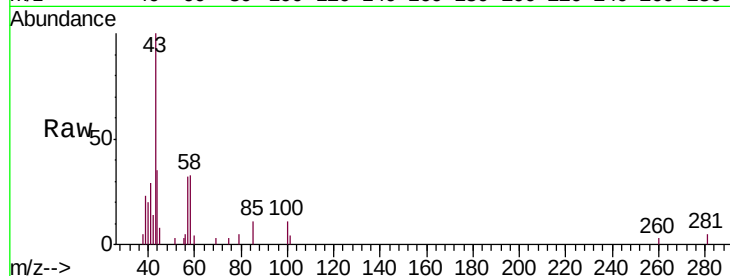
T1-2-C-(0)

Tgt Ion: 43 Resp: 10060

Ion Ratio Lower Upper

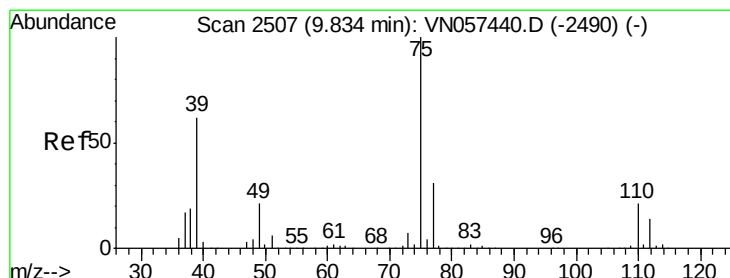
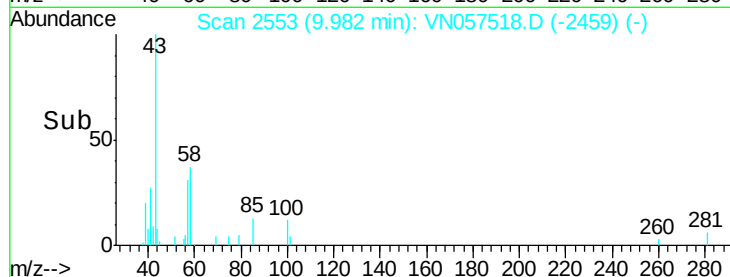
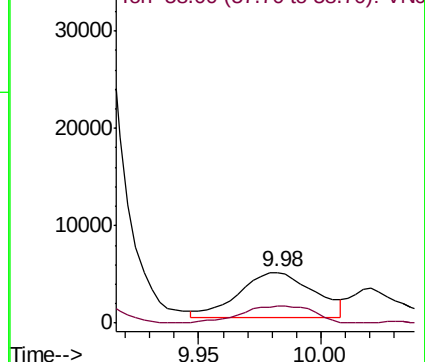
43 100

58 36.5 27.9 41.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 4.932 ug/l

RT: 9.90 min Scan# 2528

Delta R.T. 0.07 min

Lab File: VN057518.D

Acq: 26 Aug 2019 18:40

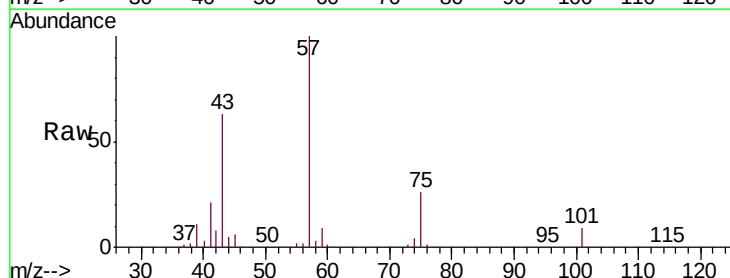
Tgt Ion: 75 Resp: 45986

Ion Ratio Lower Upper

75 100

77 1.0 25.0 37.6#

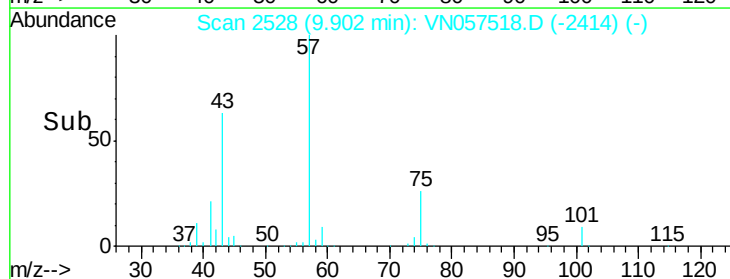
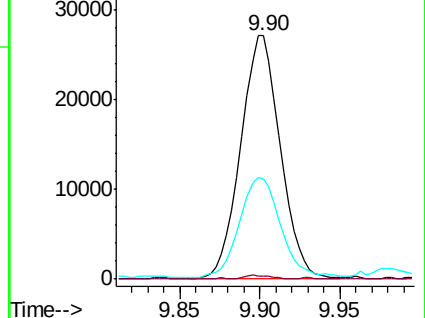
39 40.2 49.2 73.8#

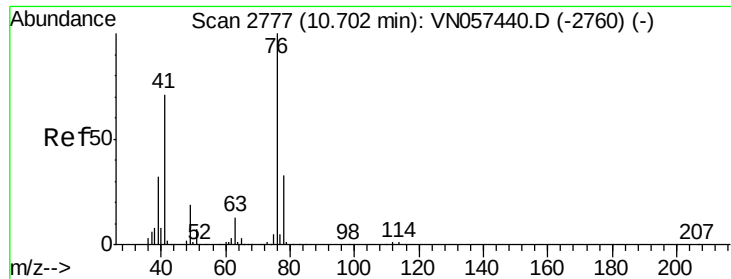


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 0.934 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN057518.D

Acq: 26 Aug 2019 18:40

Instrument :

MSVOA_N

ClientSampleId :

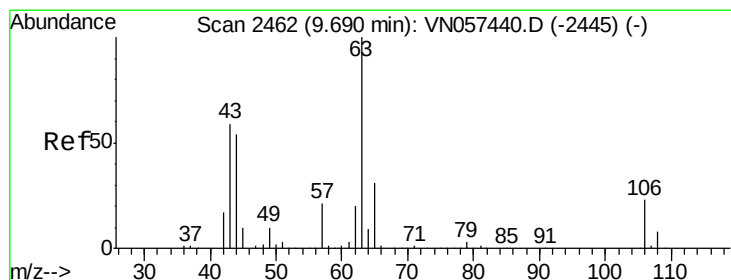
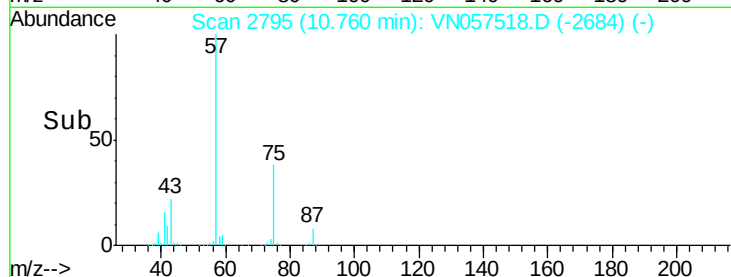
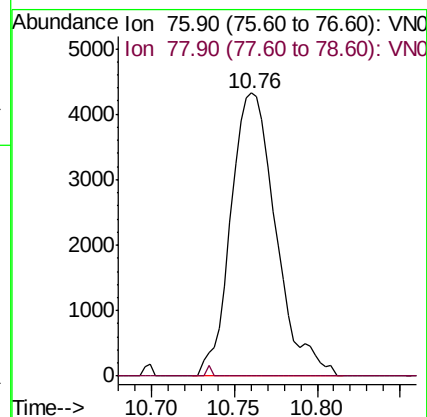
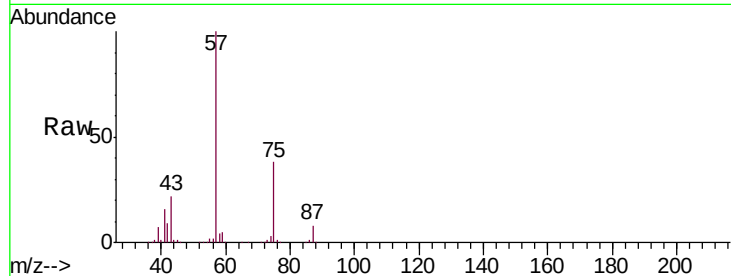
T1-2-C-(0)

Tgt Ion: 76 Resp: 8150

Ion Ratio Lower Upper

76 100

78 0.0 25.5 38.3#



#58

2-Chloroethyl Vinyl ether

Concen: 17.092 ug/l

RT: 9.69 min Scan# 2461

Delta R.T. -0.00 min

Lab File: VN057518.D

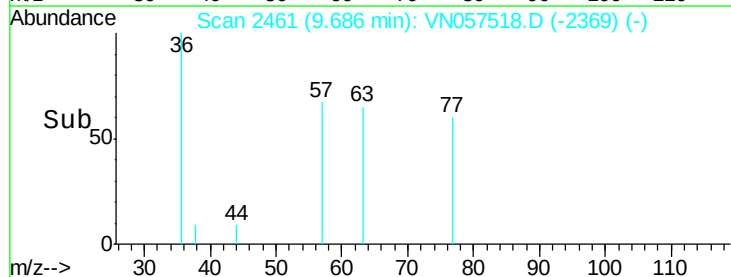
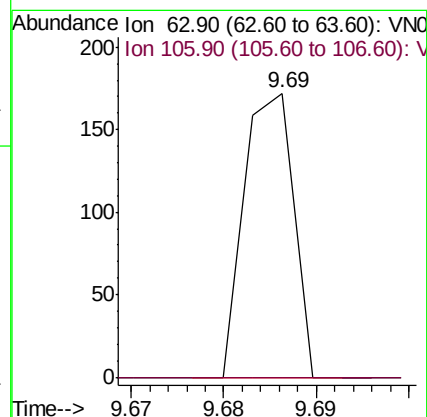
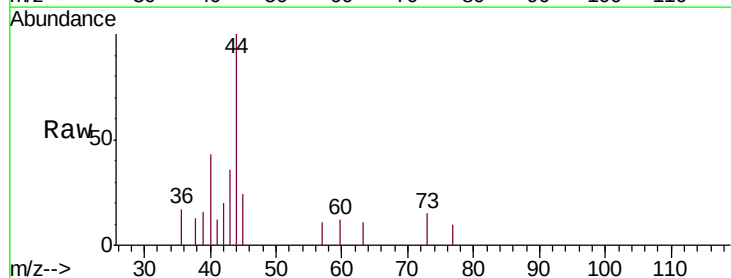
Acq: 26 Aug 2019 18:40

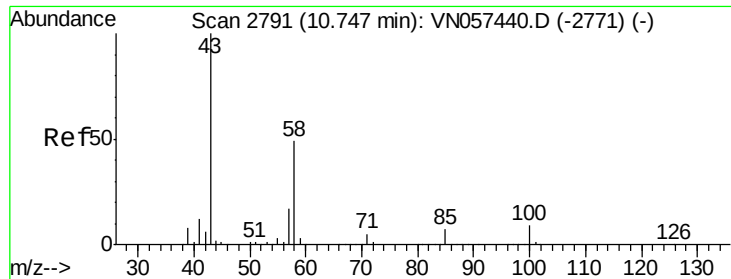
Tgt Ion: 63 Resp: 64

Ion Ratio Lower Upper

63 100

106 0.0 18.6 27.8#

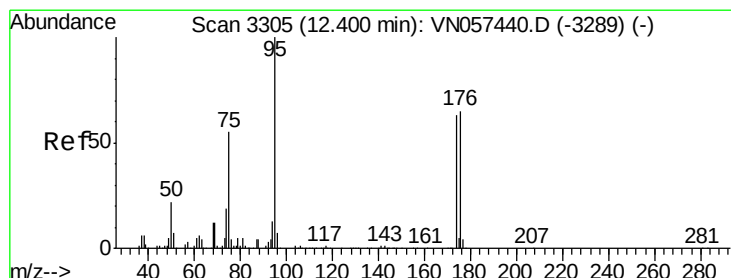
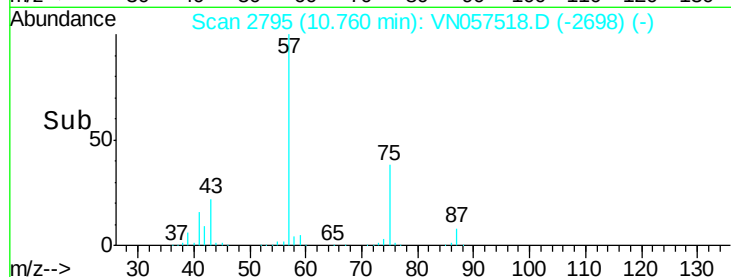
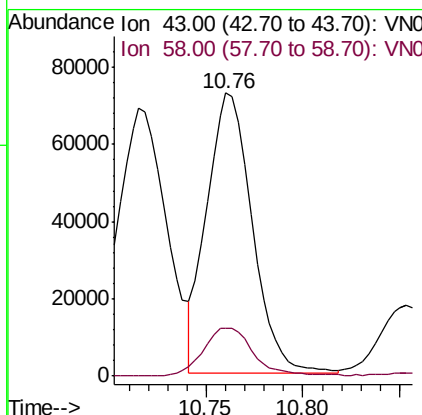
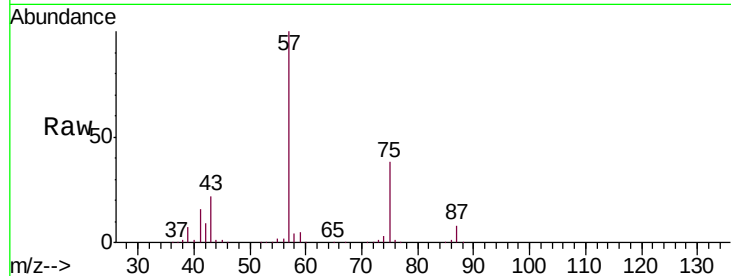




#59
2-Hexanone
Concen: 24.011 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN057518.D
Acq: 26 Aug 2019 18:40

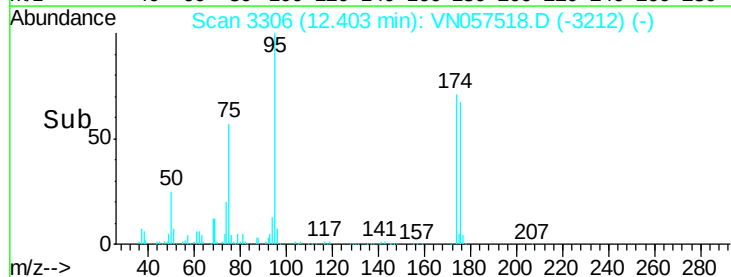
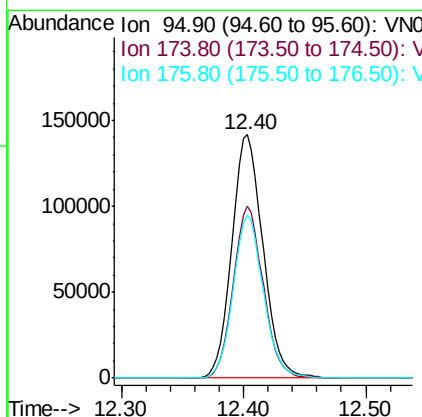
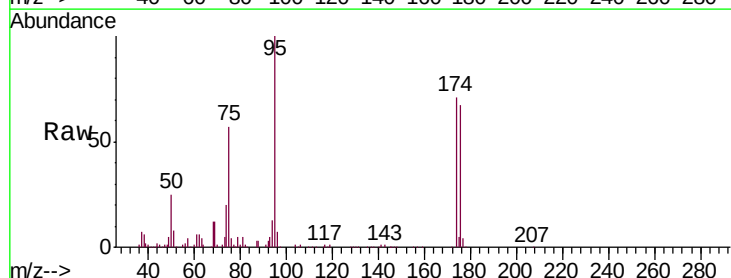
Instrument :
MSVOA_N
ClientSampled :
T1-2-C-(0)

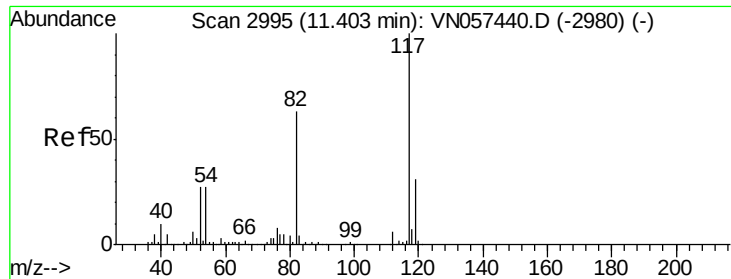
Tgt Ion: 43 Resp: 119230
Ion Ratio Lower Upper
43 100
58 19.1 24.6 73.6#



#62
4-Bromofluorobenzene
Concen: 41.422 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057518.D
Acq: 26 Aug 2019 18:40

Tgt Ion: 95 Resp: 251560
Ion Ratio Lower Upper
95 100
174 67.9 0.0 133.0
176 65.1 0.0 130.8

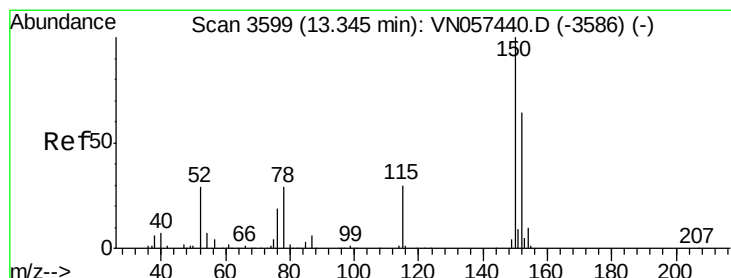
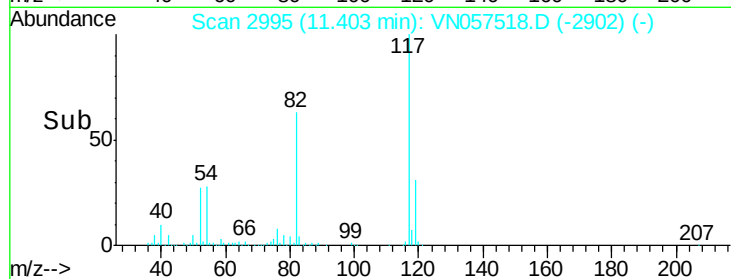
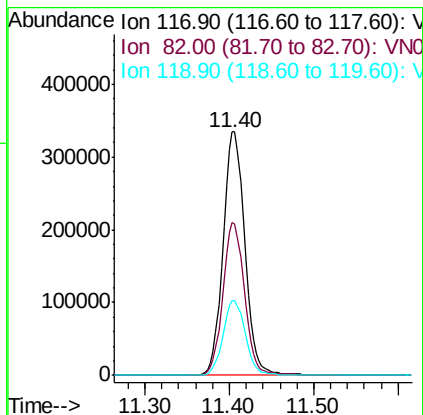
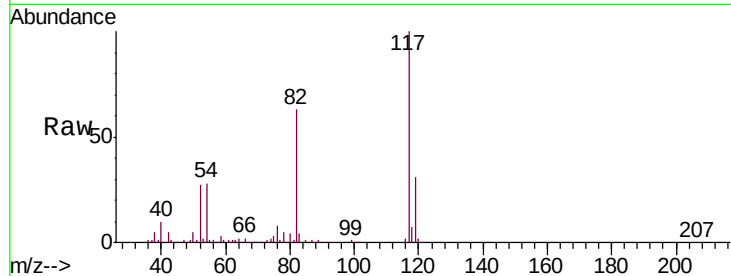




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN057518.D
Acq: 26 Aug 2019 18:40

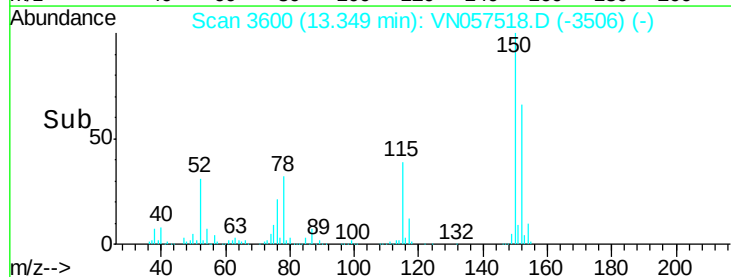
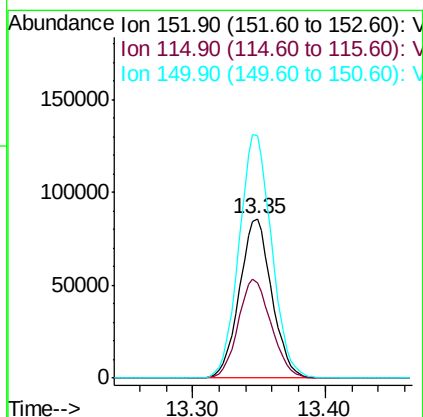
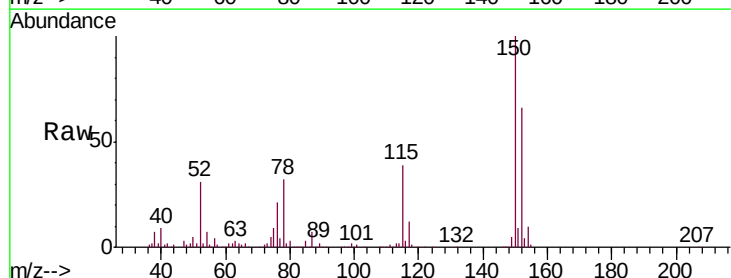
Instrument :
MSVOA_N
ClientSampleId :
T1-2-C(0)

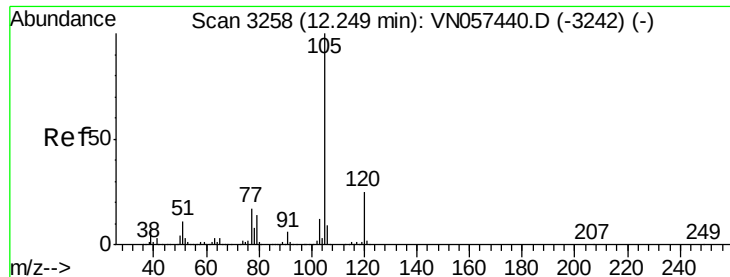
Tgt Ion:117 Resp: 601250
Ion Ratio Lower Upper
117 100
82 62.9 50.6 75.8
119 30.7 24.6 36.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057518.D
Acq: 26 Aug 2019 18:40

Tgt Ion:152 Resp: 145145
Ion Ratio Lower Upper
152 100
115 63.2 32.0 96.0
150 154.2 0.0 346.6





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.24 min Scan# 3256

Delta R.T. -0.01 min

Lab File: VN057518.D

Acq: 26 Aug 2019 18:40

Instrument :

MSVOA_N

ClientSampled :

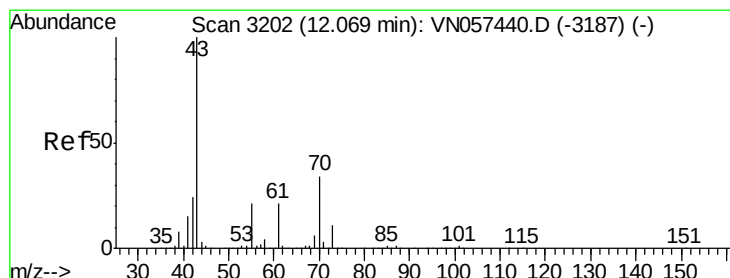
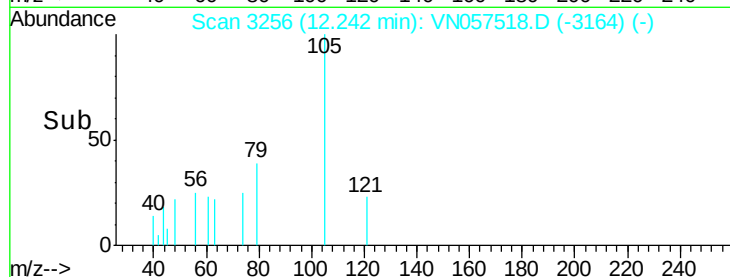
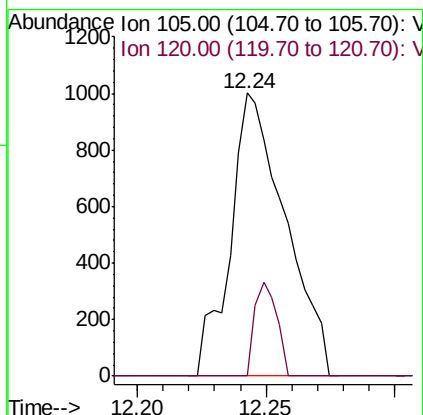
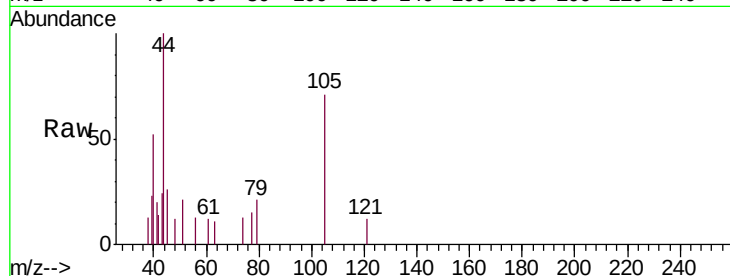
T1-2-C-(0)

Tgt Ion: 105 Resp: 1489

Ion Ratio Lower Upper

105 100

120 13.5 12.7 38.0



#74

N-ethyl acetate

Concen: Below Cal

RT: 12.06 min Scan# 3199

Delta R.T. -0.01 min

Lab File: VN057518.D

Acq: 26 Aug 2019 18:40

Tgt Ion: 43 Resp: 3262

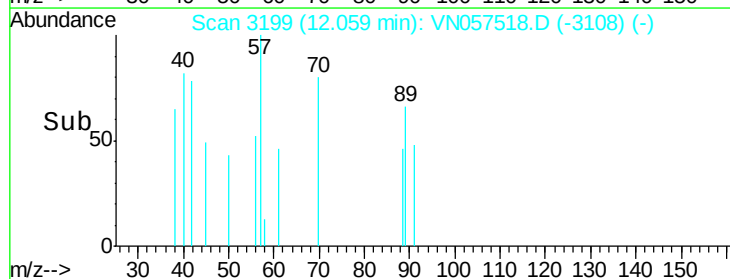
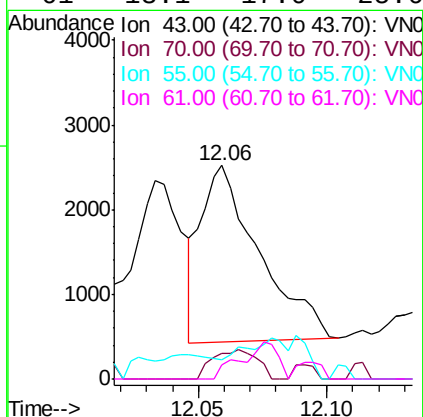
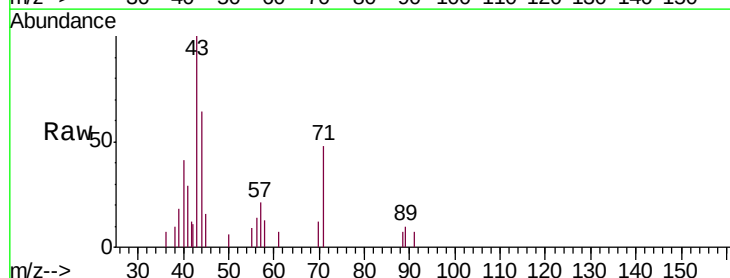
Ion Ratio Lower Upper

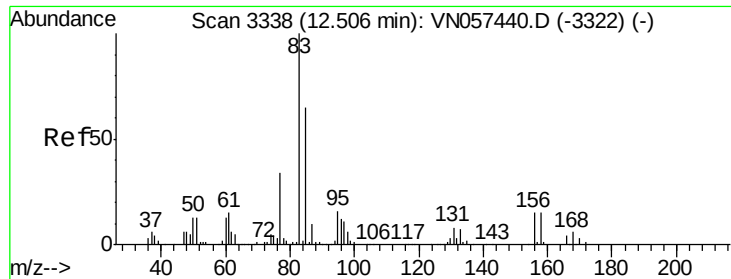
43 100

70 12.6 27.8 41.6#

55 7.3 17.0 25.4#

61 13.1 17.0 25.6#

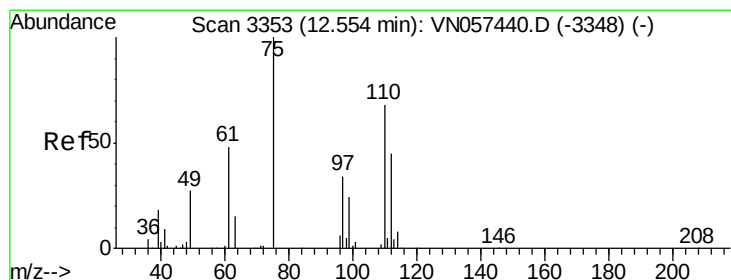
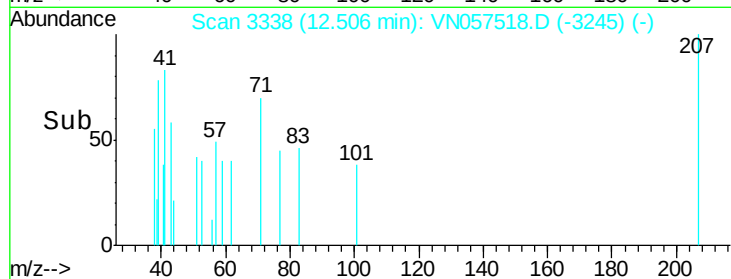
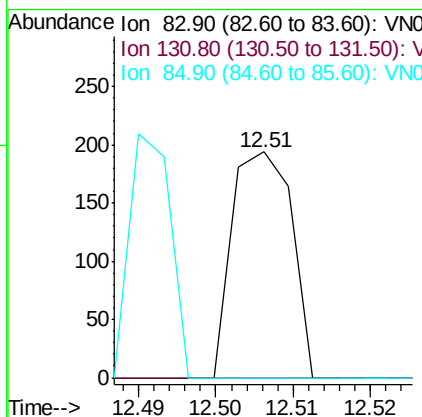
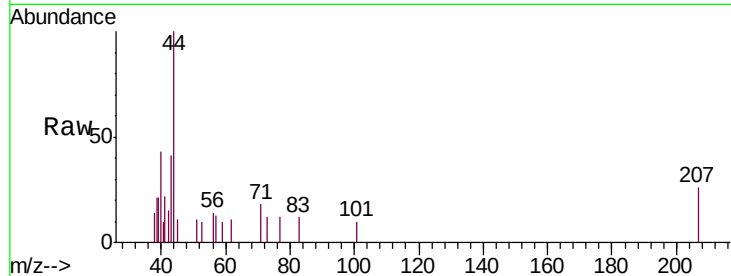




#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 12.51 min Scan# 3338
 Delta R.T. 0.00 min
 Lab File: VN057518.D
 Acq: 26 Aug 2019 18:40

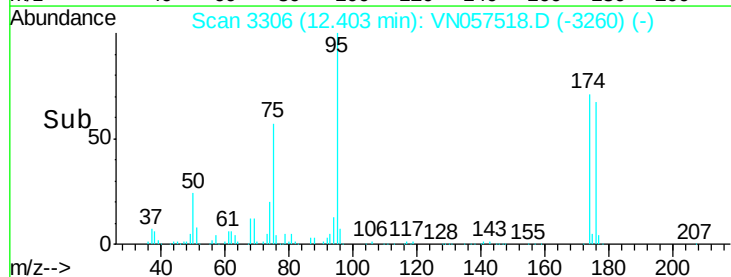
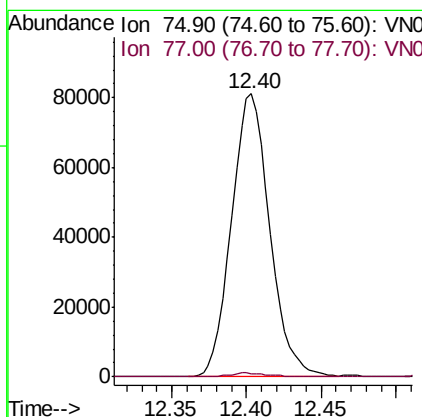
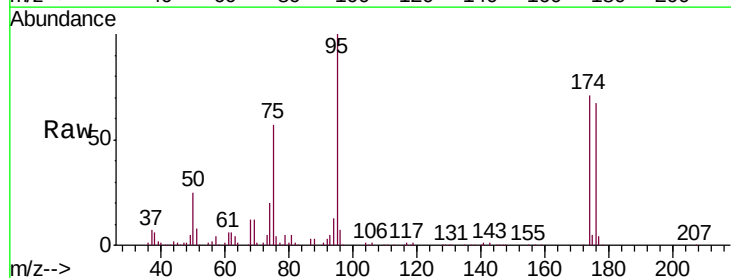
Instrument :
 MSVOA_N
 ClientSampled :
 T1-2-C-(0)

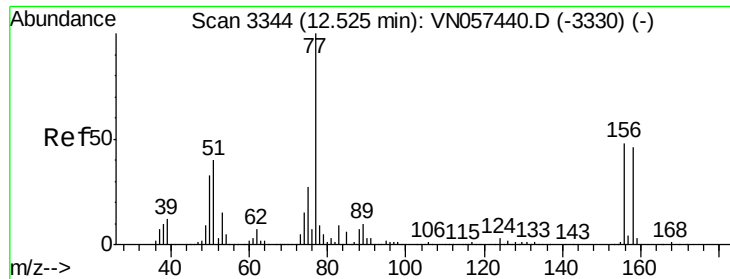
Tgt Ion: 83 Resp: 104
 Ion Ratio Lower Upper
 83 100
 131 0.0 4.3 13.1#
 85 74.0 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 44.579 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. -0.15 min
 Lab File: VN057518.D
 Acq: 26 Aug 2019 18:40

Tgt Ion: 75 Resp: 144521
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#77

Bromobenzene

Concen: Below Cal

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN057518.D

Acq: 26 Aug 2019 18:40

Instrument :

MSVOA_N

ClientSampled :

T1-2-C-(0)

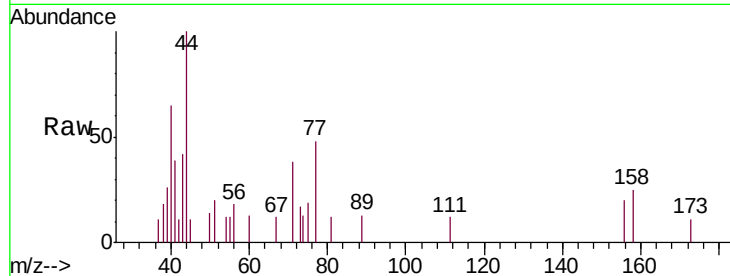
Tgt Ion:156 Resp: 268

Ion Ratio Lower Upper

156 100

77 498.9 124.4 373.3#

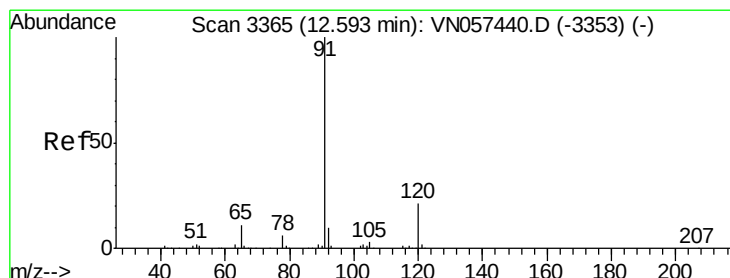
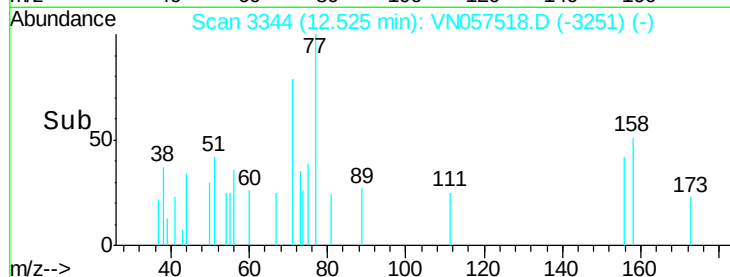
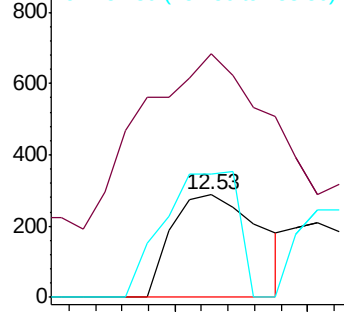
158 102.6 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: Below Cal

RT: 12.60 min Scan# 3367

Delta R.T. 0.01 min

Lab File: VN057518.D

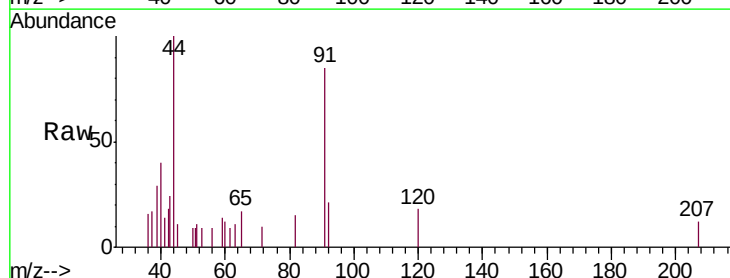
Acq: 26 Aug 2019 18:40

Tgt Ion: 91 Resp: 3270

Ion Ratio Lower Upper

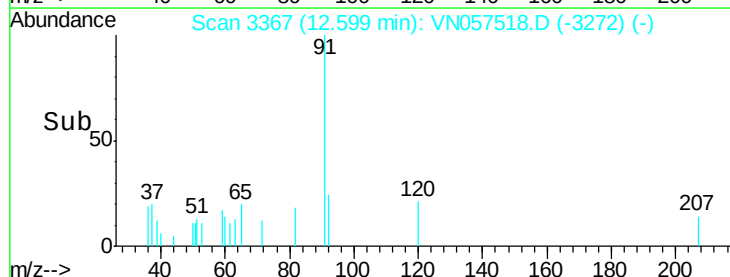
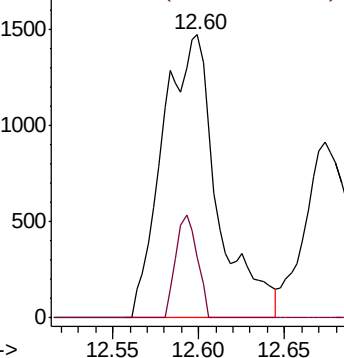
91 100

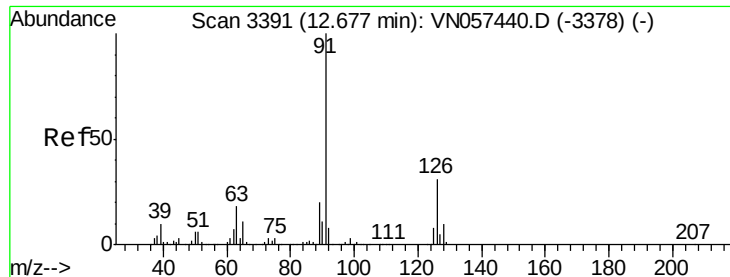
120 14.3 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN057518.D

Acq: 26 Aug 2019 18:40

Instrument :

MSVOA_N

ClientSampled :

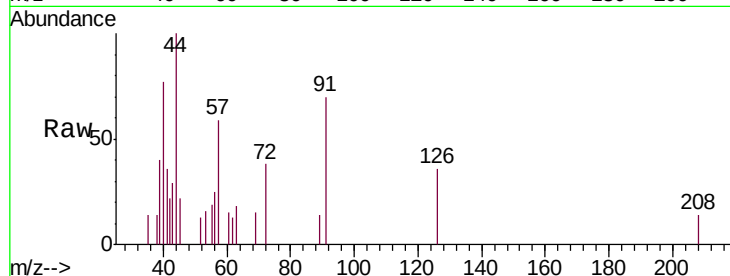
T1-2-C-(0)

Tgt Ion: 91 Resp: 1893

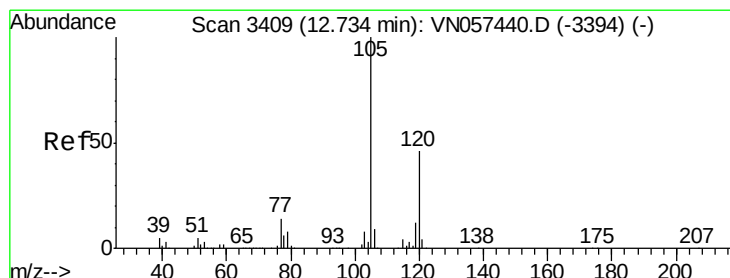
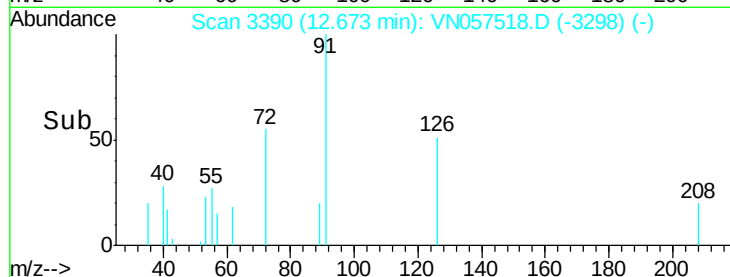
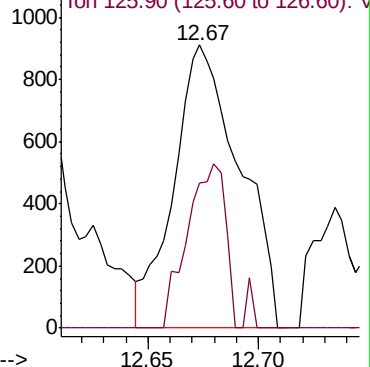
Ion Ratio Lower Upper

91 100

126 33.6 15.3 45.8



Abundance Ion 91.00 (90.70 to 91.70): VN057518.D (-3391) (-)



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN057518.D

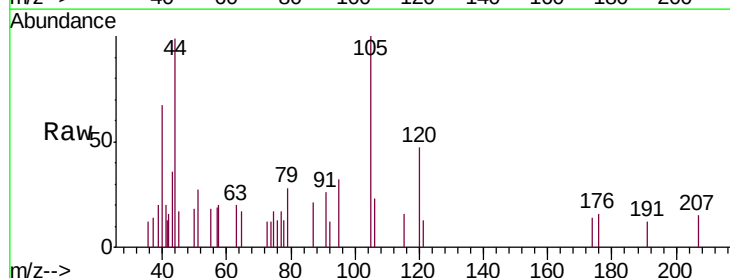
Acq: 26 Aug 2019 18:40

Tgt Ion: 105 Resp: 2529

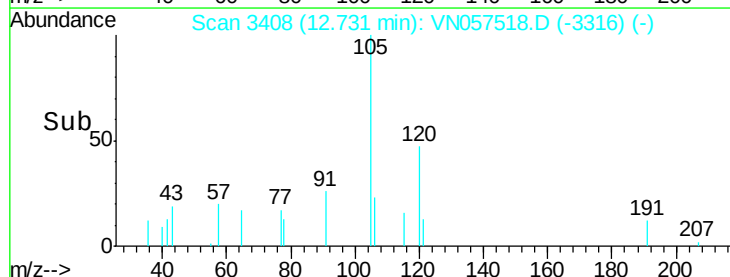
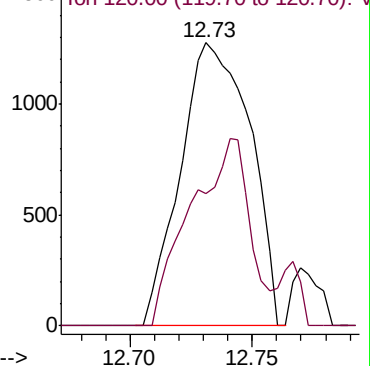
Ion Ratio Lower Upper

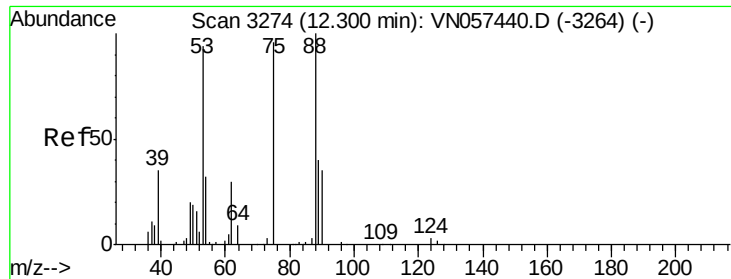
105 100

120 56.5 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): VN057518.D (-3409) (-)

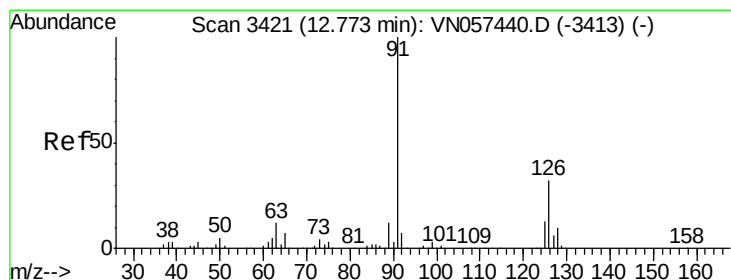
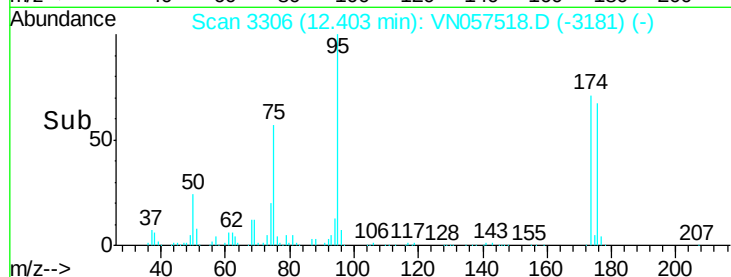
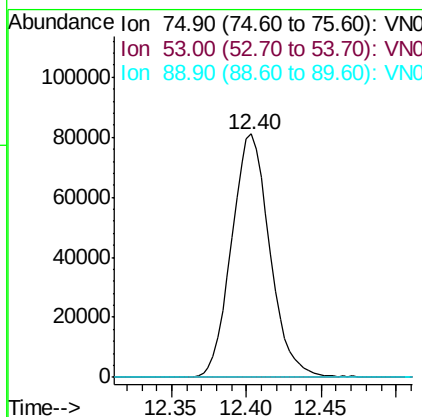
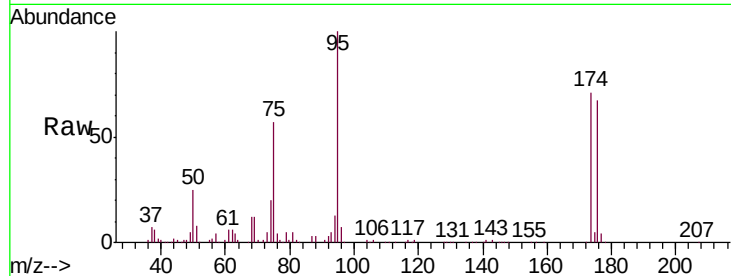




#81
 trans-1,4-Dichloro-2-butene
 Concen: 114.333 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN057518.D
 Acq: 26 Aug 2019 18:40

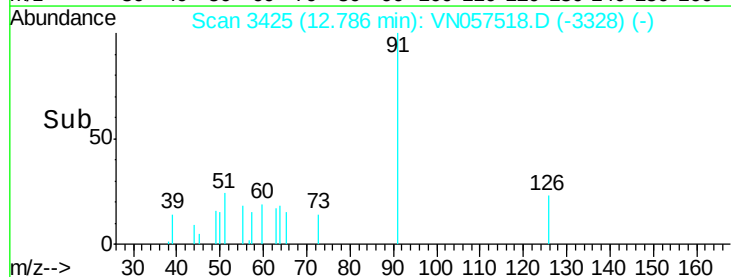
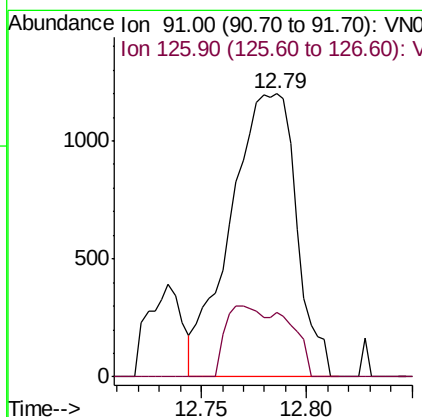
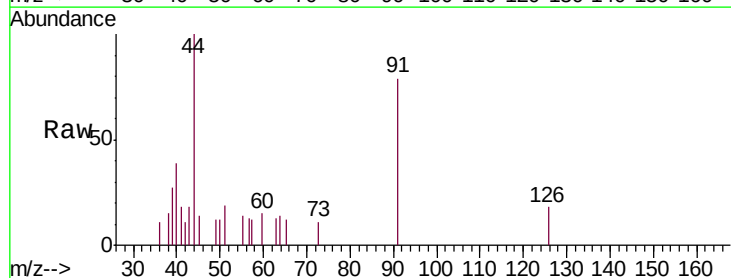
Instrument :
 MSVOA_N
 ClientSampleId :
 T1-2-C-(0)

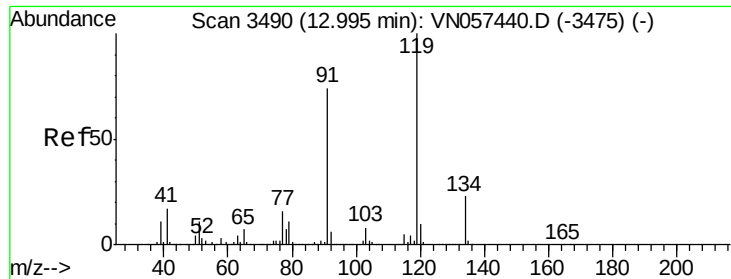
Tgt Ion: 75 Resp: 144521
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.7 124.1#
 89 0.0 35.8 53.8#



#82
 4-Chlorotoluene
 Concen: Below Cal
 RT: 12.79 min Scan# 3425
 Delta R.T. 0.01 min
 Lab File: VN057518.D
 Acq: 26 Aug 2019 18:40

Tgt Ion: 91 Resp: 2604
 Ion Ratio Lower Upper
 91 100
 126 15.7 15.0 45.0

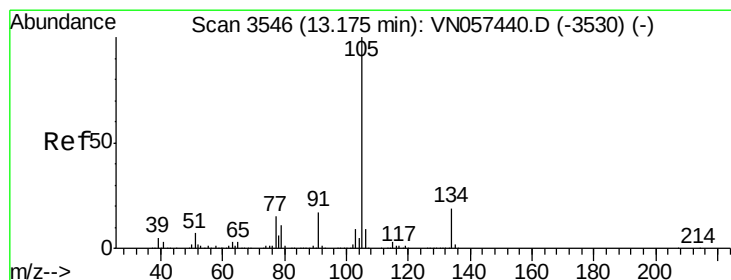
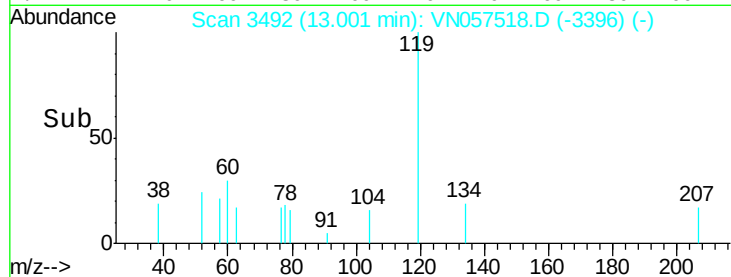
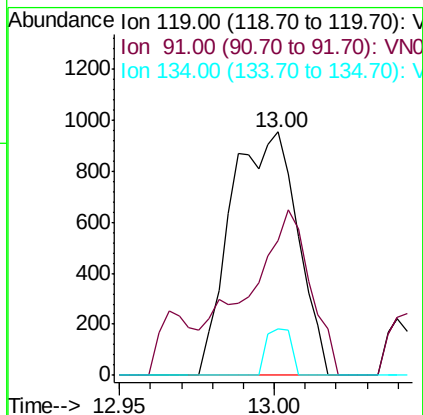
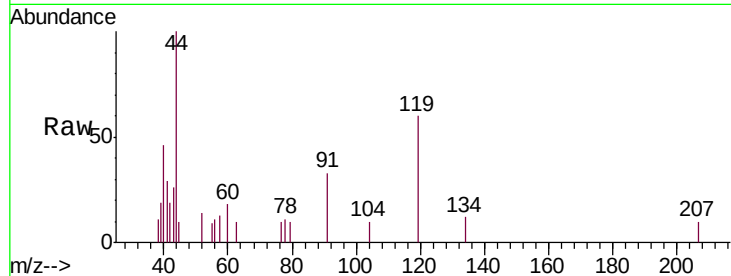




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 13.00 min Scan# 3492
 Delta R.T. 0.01 min
 Lab File: VN057518.D
 Acq: 26 Aug 2019 18:40

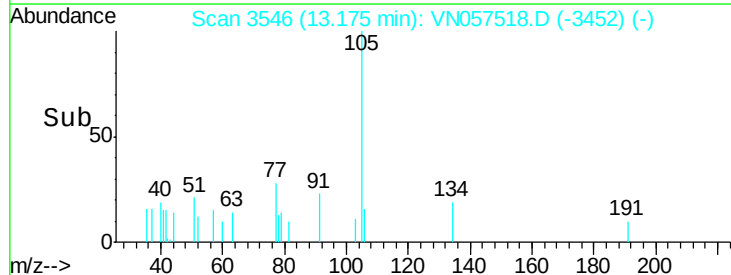
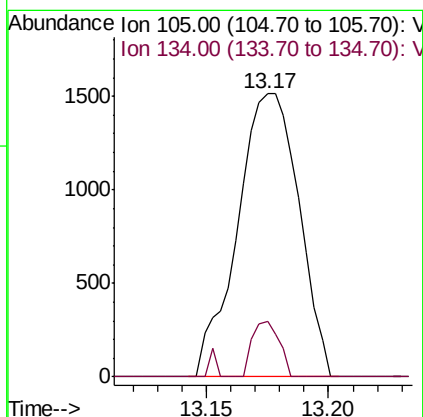
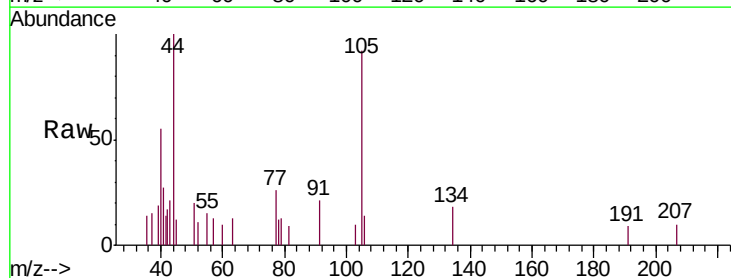
Instrument :
 MSVOA_N
 ClientSampled :
 T1-2-C-(0)

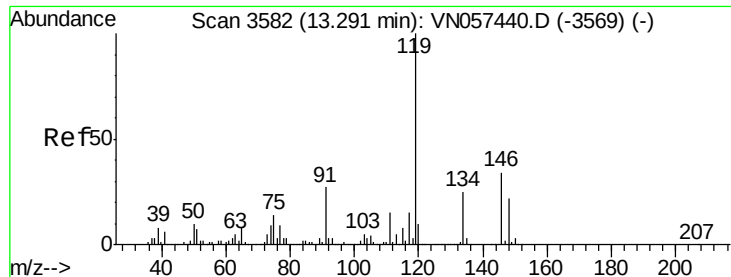
Tgt Ion:119 Resp: 1426
 Ion Ratio Lower Upper
 119 100
 91 64.5 37.0 111.0
 134 7.1 12.2 36.6#



#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN057518.D
 Acq: 26 Aug 2019 18:40

Tgt Ion:105 Resp: 2649
 Ion Ratio Lower Upper
 105 100
 134 8.5 9.3 27.9#

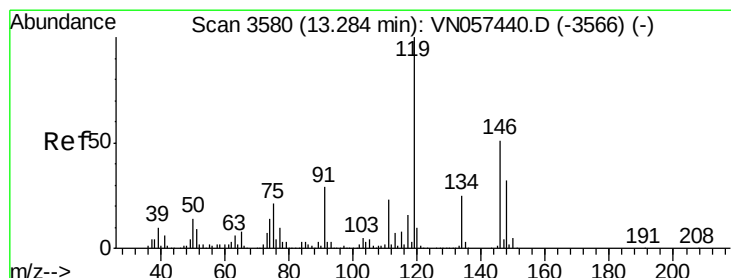
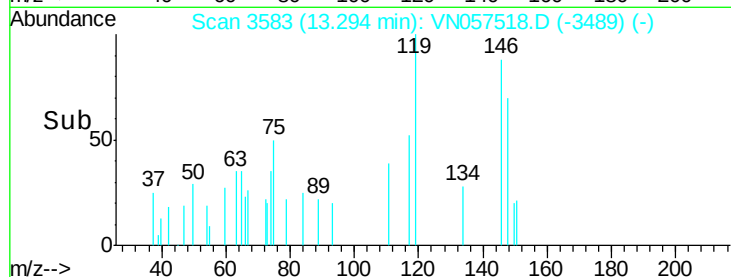
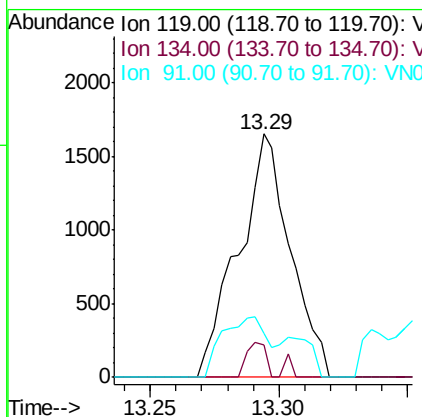
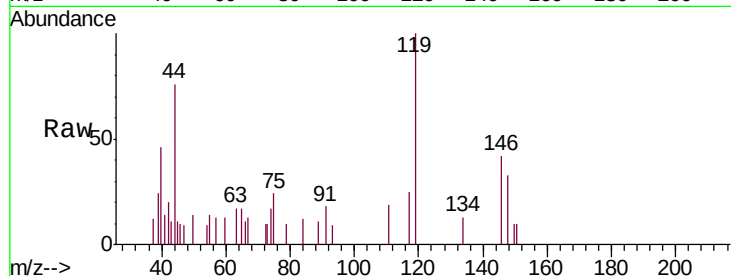




#86
p-Isopropyltoluene
Concen: 0.205 ug/l
RT: 13.29 min Scan# 3583
Delta R.T. 0.00 min
Lab File: VN057518.D
Acq: 26 Aug 2019 18:40

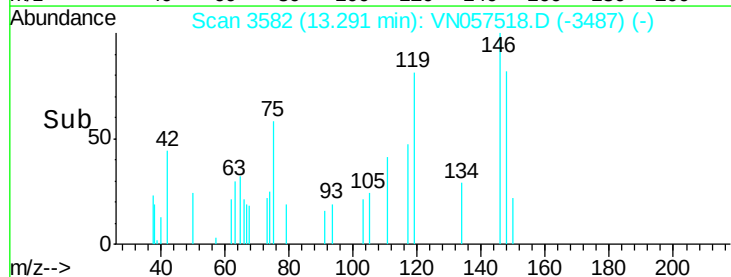
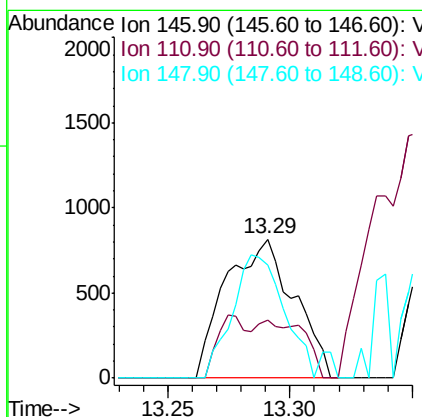
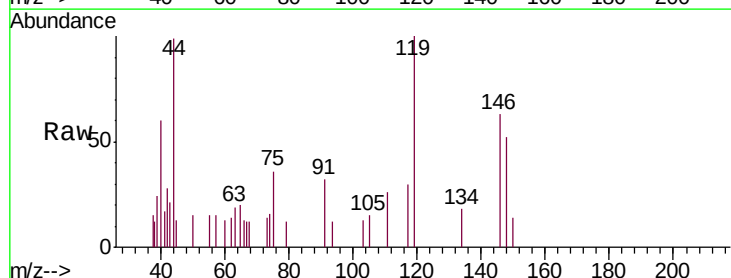
Instrument :
MSVOA_N
ClientSampled :
T1-2-C-(0)

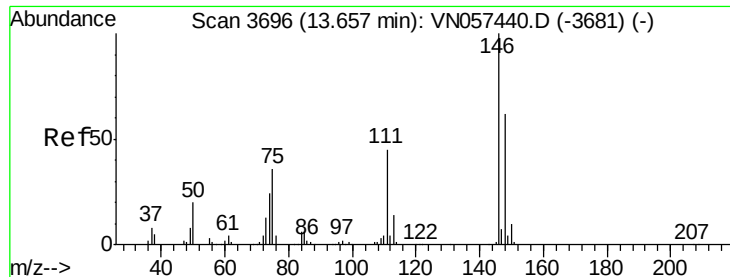
Tgt Ion:119 Resp: 2324
Ion Ratio Lower Upper
119 100
134 5.2 12.7 38.1#
91 20.8 13.9 41.6



#87
1,3-Dichlorobenzene
Concen: 0.338 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.01 min
Lab File: VN057518.D
Acq: 26 Aug 2019 18:40

Tgt Ion:146 Resp: 1584
Ion Ratio Lower Upper
146 100
111 21.1 22.1 66.1#
148 67.0 31.9 95.9

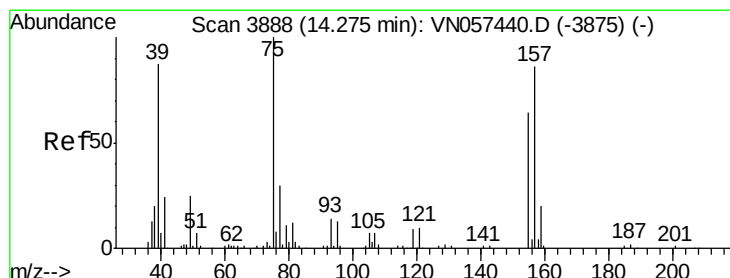
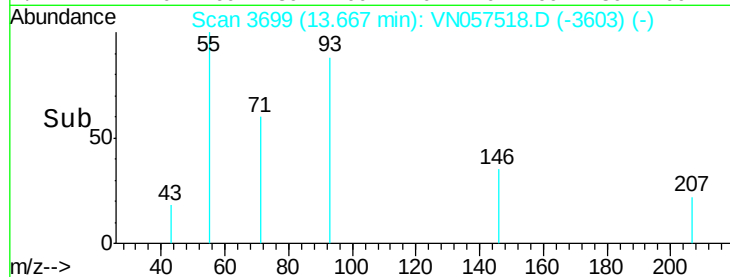
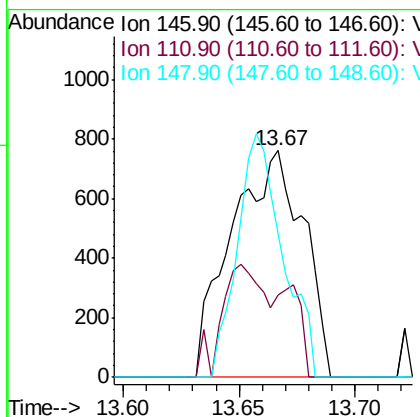
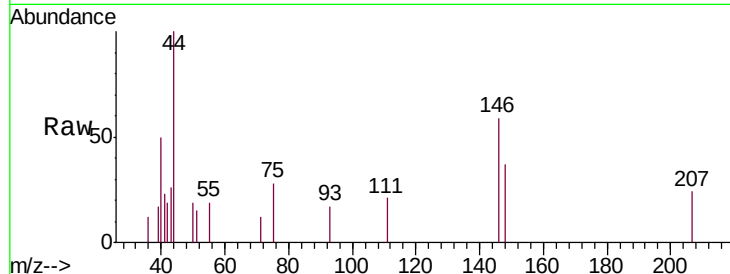




#91
 1,2-Dichlorobenzene
 Concen: 0.367 ug/l
 RT: 13.67 min Scan# 3699
 Delta R.T. 0.01 min
 Lab File: VN057518.D
 Acq: 26 Aug 2019 18:40

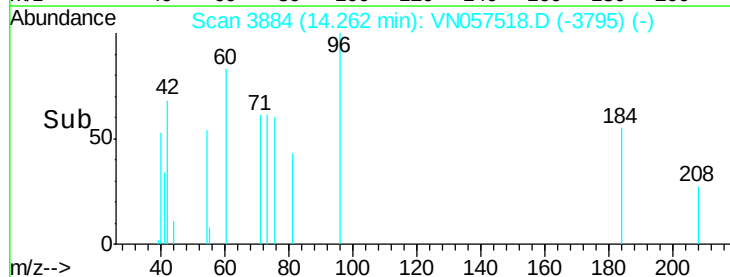
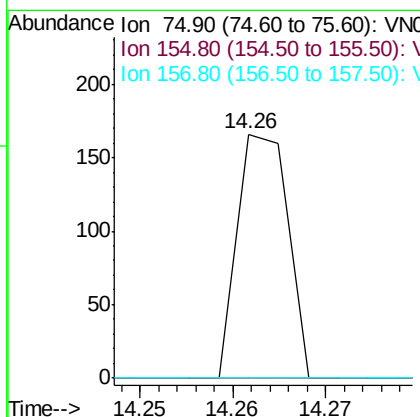
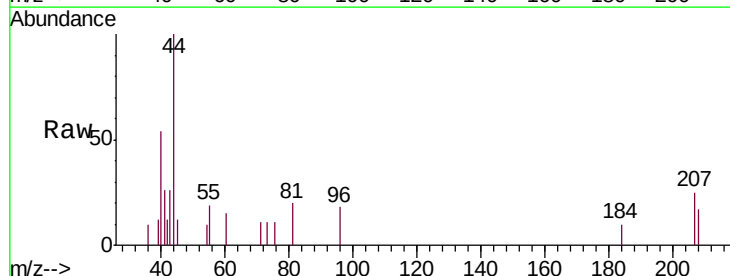
Instrument :
 MSVOA_N
 ClientSampled :
 T1-2-C-(0)

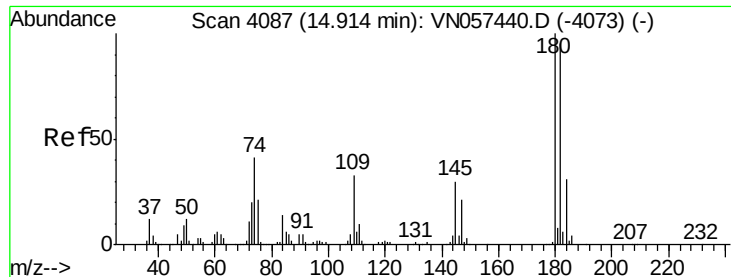
Tgt Ion: 146 Resp: 1644
 Ion Ratio Lower Upper
 146 100
 111 29.7 23.1 69.2
 148 67.5 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.26 min Scan# 3884
 Delta R.T. -0.01 min
 Lab File: VN057518.D
 Acq: 26 Aug 2019 18:40

Tgt Ion: 75 Resp: 63
 Ion Ratio Lower Upper
 75 100
 155 0.0 31.6 94.7#
 157 0.0 43.3 129.8#

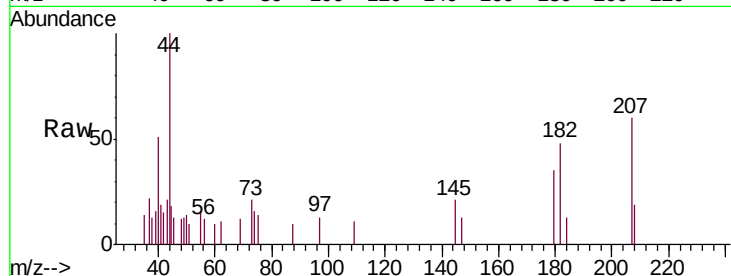




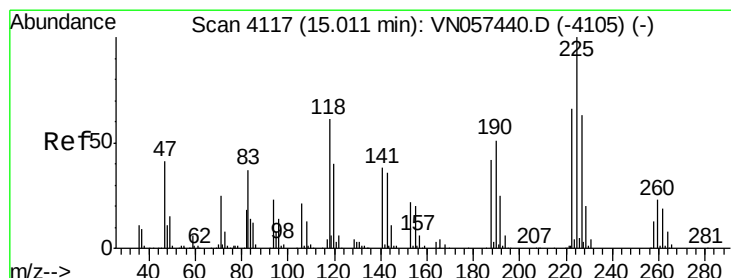
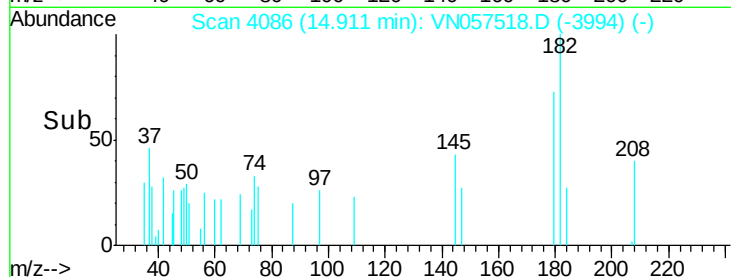
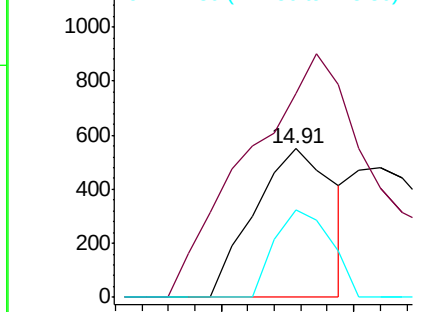
#93
 1,2,4-Trichlorobenzene
 Concen: 5.599 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. -0.00 min
 Lab File: VN057518.D
 Acq: 26 Aug 2019 18:40

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

Tgt Ion:180 Resp: 460
 Ion Ratio Lower Upper
 180 100
 182 264.6 46.7 140.1#
 145 41.7 15.6 46.8

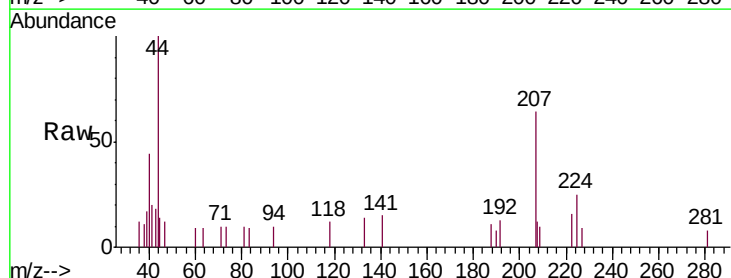


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

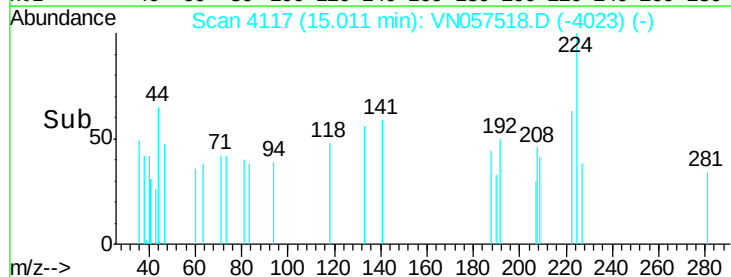
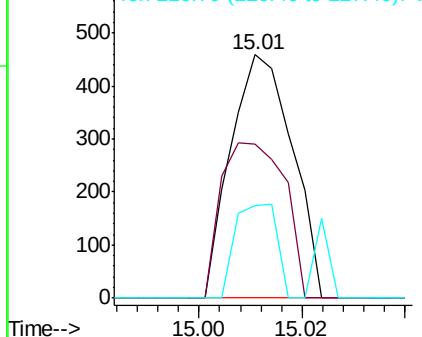


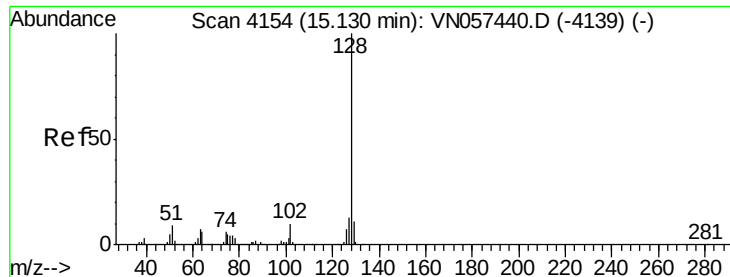
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN057518.D
 Acq: 26 Aug 2019 18:40

Tgt Ion:225 Resp: 378
 Ion Ratio Lower Upper
 225 100
 223 66.1 32.0 96.2
 227 26.2 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: 5.188 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN057518.D

Acq: 26 Aug 2019 18:40

Instrument :

MSVOA_N

ClientSampleId :

T1-2-C-(0)

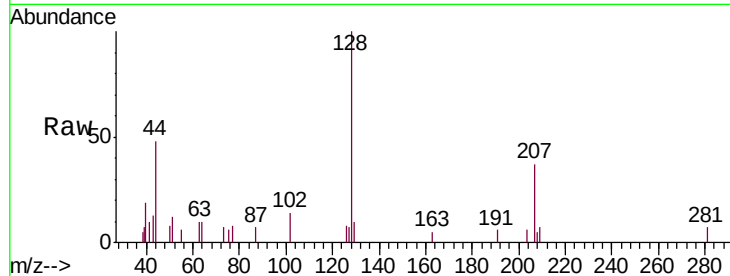
Tgt Ion:128 Resp: 5368

Ion Ratio Lower Upper

128 100

127 10.1 10.5 15.7#

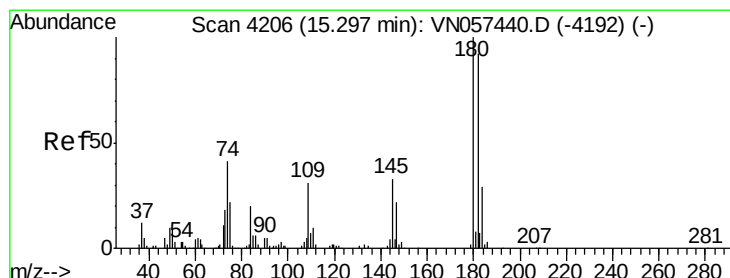
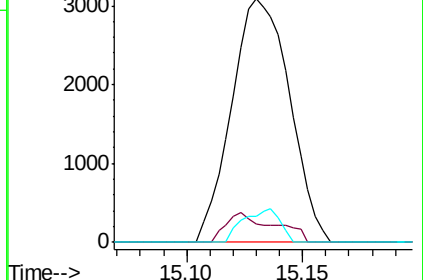
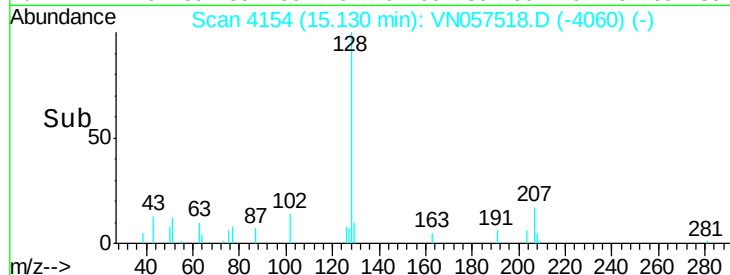
129 8.6 8.6 13.0#



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: 5.806 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. 0.00 min

Lab File: VN057518.D

Acq: 26 Aug 2019 18:40

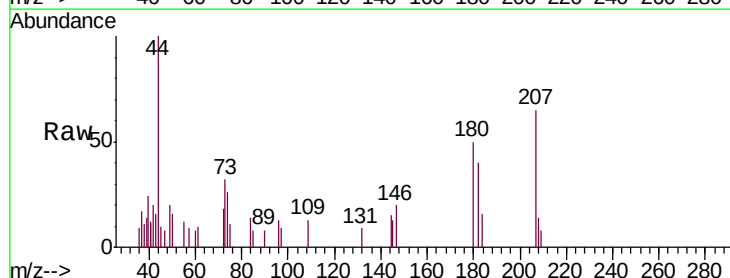
Tgt Ion:180 Resp: 1392

Ion Ratio Lower Upper

180 100

182 61.0 46.7 140.1

145 47.5 16.8 50.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

