

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071318\
 Data File : VN049835.D
 Acq On : 14 Jul 2018 8:32
 Operator : MD\SY
 Sample : J3958-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CS-STONE

Quant Time: Jul 16 00:52:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 12 15:51:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1179135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1935267	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1631245	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	617792	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	826710	60.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.54%	
35) Dibromofluoromethane	7.59	113	733377	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
50) Toluene-d8	10.09	98	2611511	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	
62) 4-Bromofluorobenzene	12.40	95	731893	41.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.04	85	35	Below Cal	#	44
3) Chloromethane	2.06	50	2843	Below Cal		99
4) Vinyl Chloride	2.18	62	247	Below Cal	#	43
5) Bromomethane	2.56	94	706	Below Cal	#	56
8) Diethyl Ether	3.41	74	2858	0.36	ug/l	83
11) Tert butyl alcohol	4.80	59	1206	1.31	ug/l	# 85
13) Acrolein	3.60	56	306	0.38	ug/l	# 31
16) Acetone	3.82	43	36955	8.94	ug/l	92
17) Carbon Disulfide	4.05	76	2375	Below Cal	#	75
18) Methyl Acetate	4.33	43	49035	3.60	ug/l	92
20) Methylene Chloride	4.55	84	317438	22.05	ug/l	99
25) 2-Butanone	6.85	43	6435	1.20	ug/l	98
29) Tetrahydrofuran	7.22	42	1210	0.36	ug/l	# 79
30) Chloroform	7.38	83	11722	0.42	ug/l	93
31) Cyclohexane	7.66	56	22769	0.81	ug/l	# 1
36) 1,1-Dichloropropene	7.67	75	82383	3.69	ug/l	# 48
38) Carbon Tetrachloride	7.67	117	104104	4.47	ug/l	# 16
43) Isopropyl Acetate	8.17	43	375565	15.83	ug/l	96
47) Bromodichloromethane	9.40	83	4875	0.21	ug/l	# 88
48) Methyl methacrylate	9.18	41	13959	1.18	ug/l	# 18
49) 1,4-Dioxane	9.40	88	74	0.48	ug/l	# 26
51) 4-Methyl-2-Pentanone	9.99	43	4760	0.37	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	498	Below Cal	#	15
59) 2-Hexanone	10.77	43	28389	3.31	ug/l	# 61
71) Bromoform	12.40	173	5994	0.55	ug/l	# 1
75) 1,1,2,2-Tetrachloroethane	12.50	83	62	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	358973	32.71	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.40	75	358973	105.63	ug/l	# 13
84) 1,2,4-Trimethylbenzene	13.04	105	9003	0.22	ug/l	90
90) Hexachloroethane	13.89	117	627	Below Cal	#	4
92) 1,2-Dibromo-3-Chloropropan	14.27	75	116	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.90	180	394	2.92	ug/l	# 6
95) Naphthalene	15.14	128	145852	8.93	ug/l	99

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Quant Time: Jul 16 00:52:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071218W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 12 15:51:38 2018
Response via : Initial Calibration

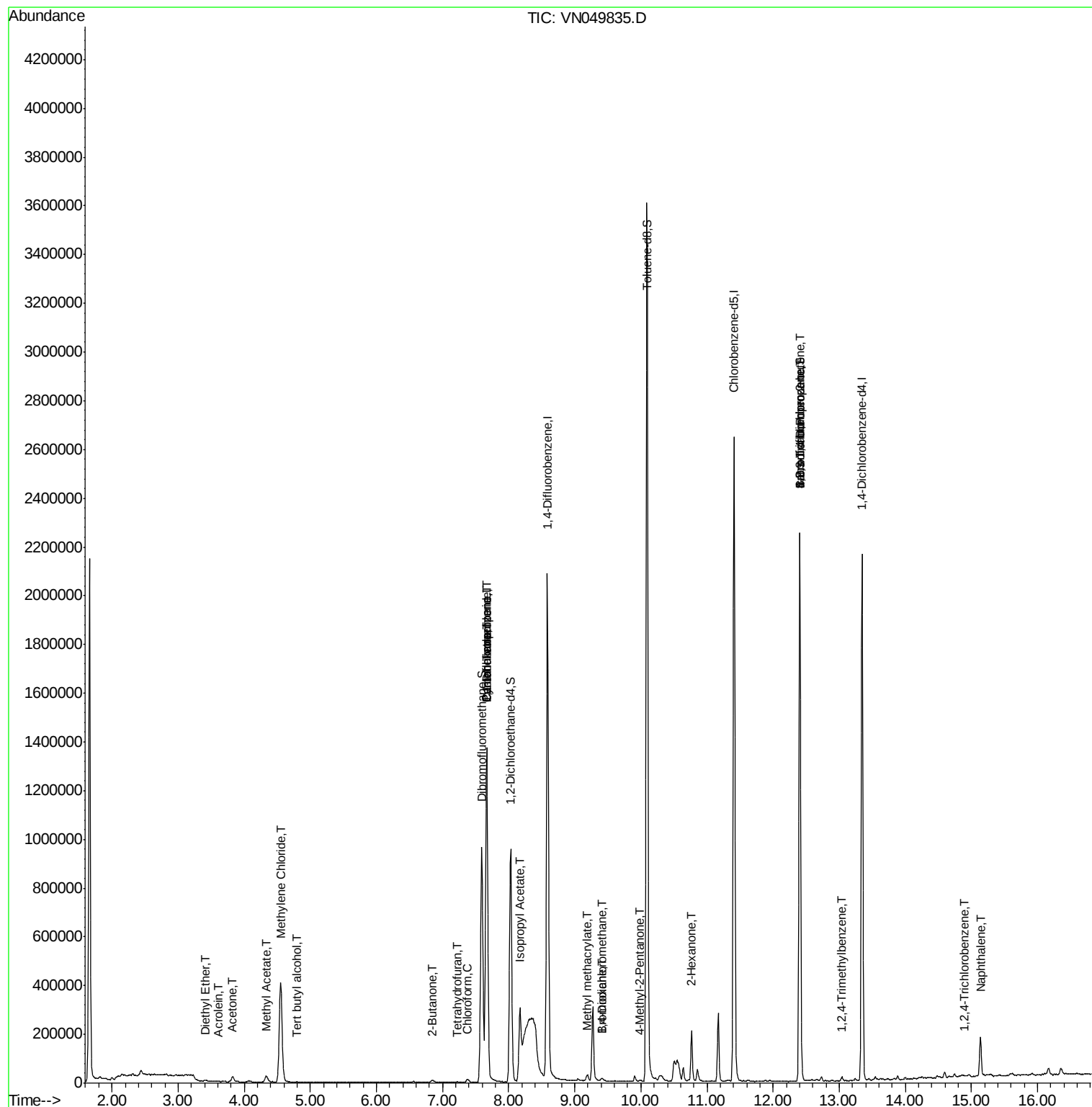
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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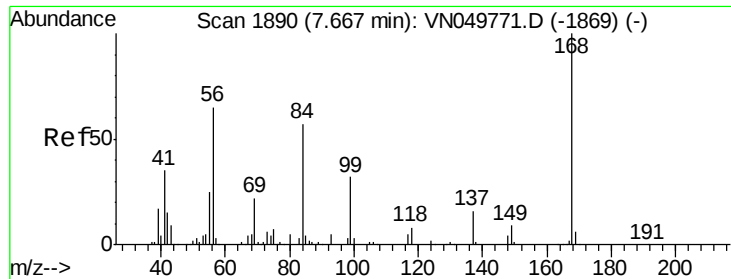
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049835.D

Acq: 14 Jul 2018 8:32

Instrument :

MSVOA_N

ClientSampled :

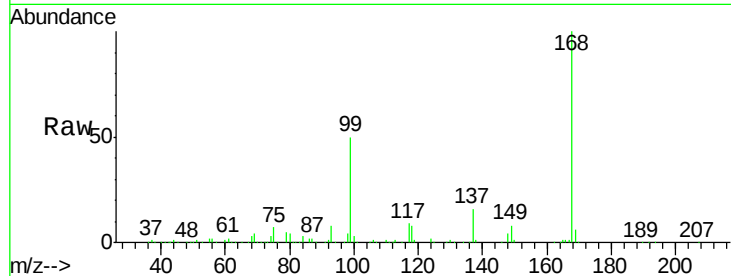
CS-STONE

Tot Ion:168 Resp: 1179135

Ion Ratio Lower Upper

168 100

99 50.1 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

500000

400000

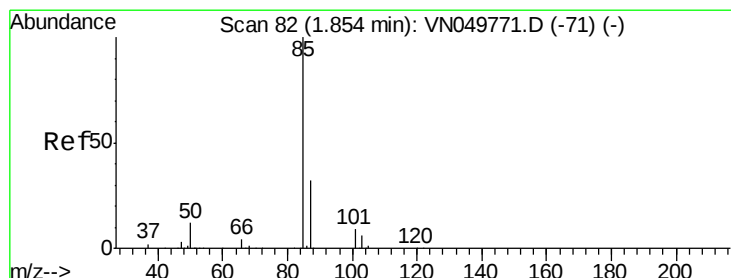
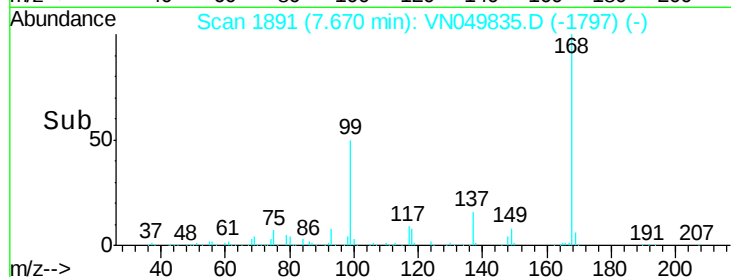
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.04 min Scan# 139

Delta R.T. 0.18 min

Lab File: VN049835.D

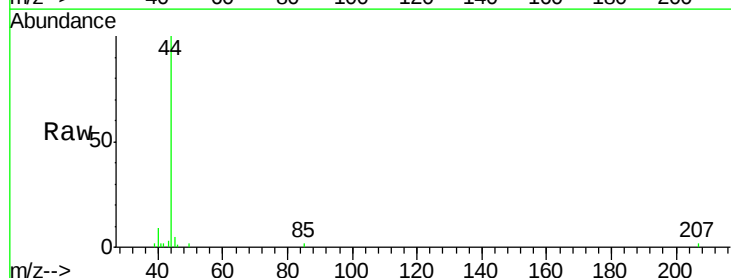
Acq: 14 Jul 2018 8:32

Tgt Ion: 85 Resp: 35

Ion Ratio Lower Upper

85 100

87 0.0 15.4 46.1#



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

2.04

200

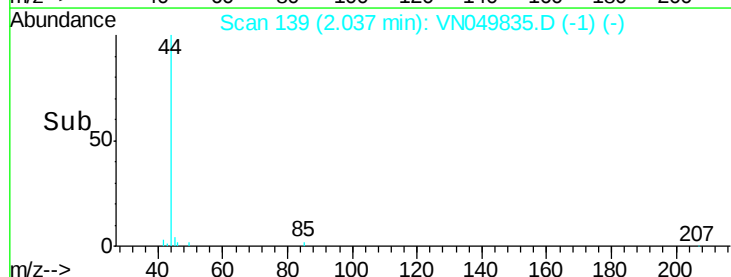
150

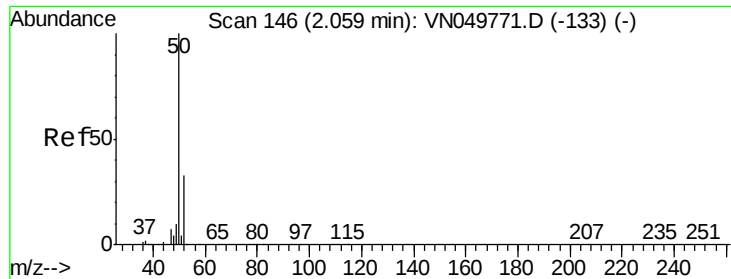
100

50

0

Time-->





#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN049835.D

Acq: 14 Jul 2018 8:32

Instrument :

MSVOA_N

ClientSampleId :

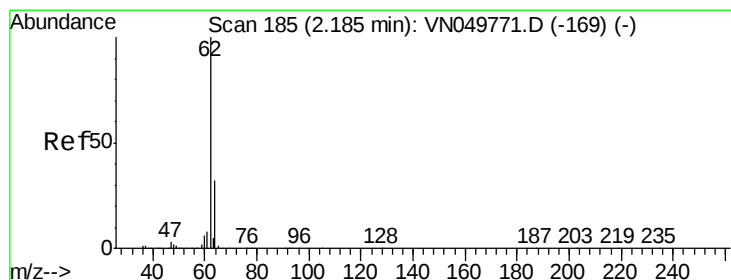
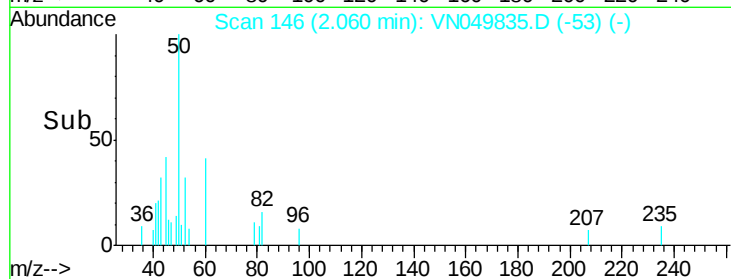
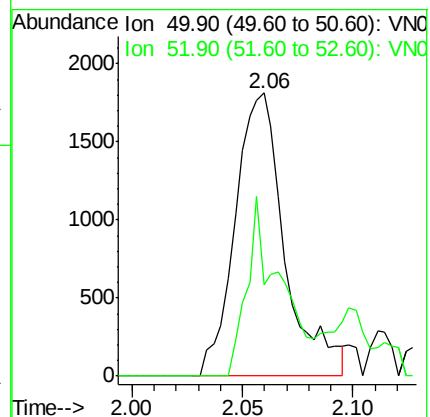
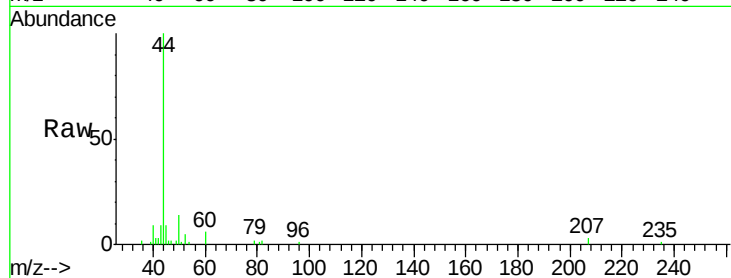
CS-STONE

Tot Ion: 50 Resp: 2843

Ion Ratio Lower Upper

50 100

52 32.2 26.1 39.1



#4

Vinyl Chloride

Concen: Below Cal

RT: 2.18 min Scan# 183

Delta R.T. -0.01 min

Lab File: VN049835.D

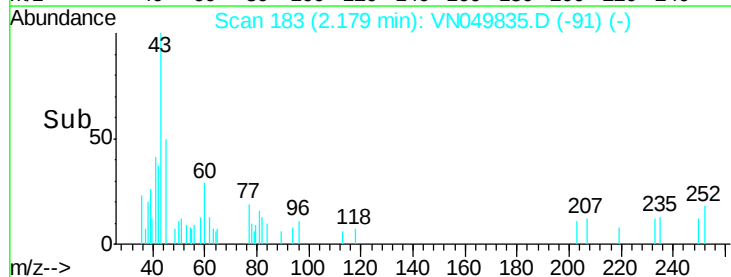
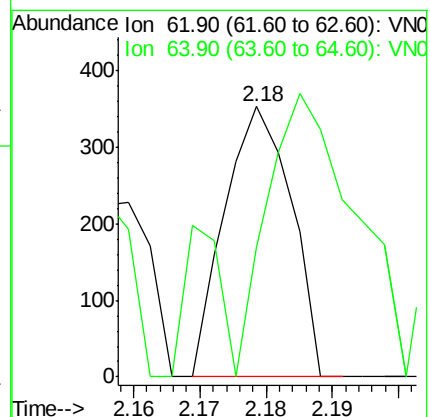
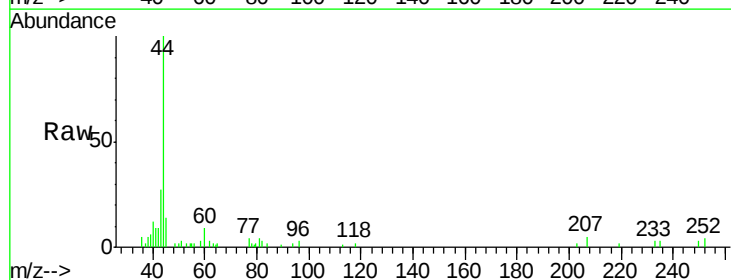
Acq: 14 Jul 2018 8:32

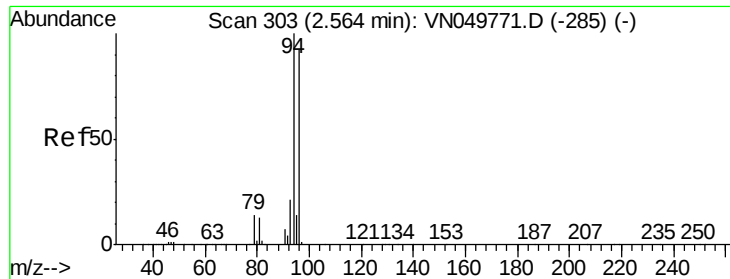
Tgt Ion: 62 Resp: 247

Ion Ratio Lower Upper

62 100

64 0.0 25.4 38.0#





#5

Bromomethane

Concen: Below Cal

RT: 2.56 min Scan# 303

Delta R.T. 0.00 min

Lab File: VN049835.D

Acq: 14 Jul 2018 8:32

Instrument :

MSVOA_N

ClientSampled :

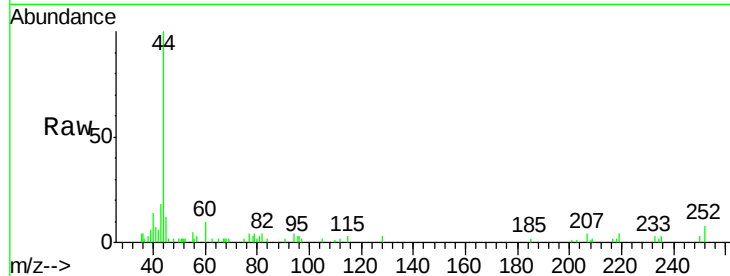
CS-STONE

Tot Ion: 94 Resp: 706

Ion Ratio Lower Upper

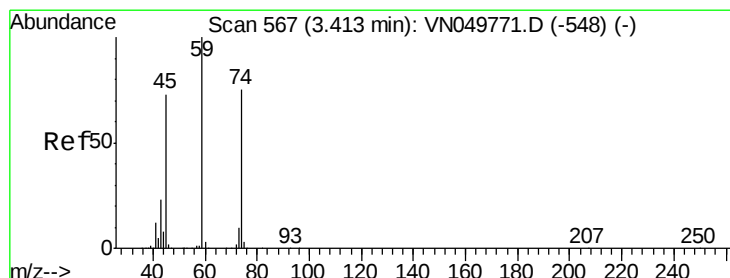
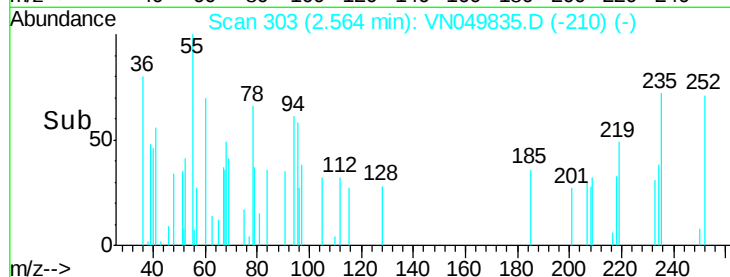
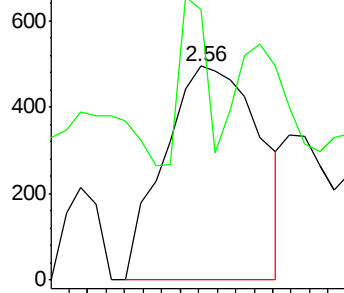
94 100

96 51.8 75.7 113.5#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#8

Diethyl Ether

Concen: 0.36 ug/l

RT: 3.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VN049835.D

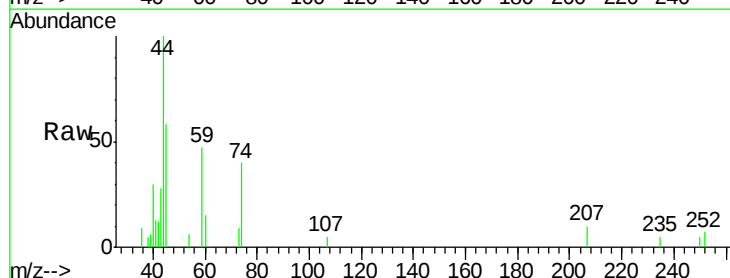
Acq: 14 Jul 2018 8:32

Tgt Ion: 74 Resp: 2858

Ion Ratio Lower Upper

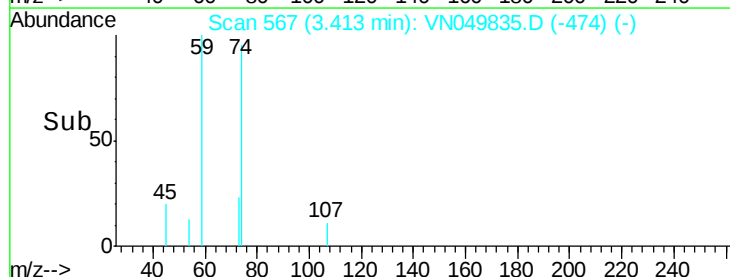
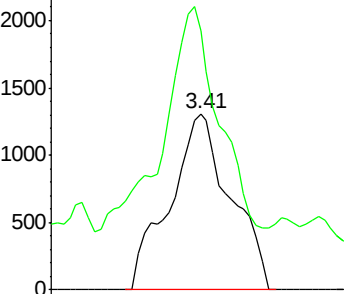
74 100

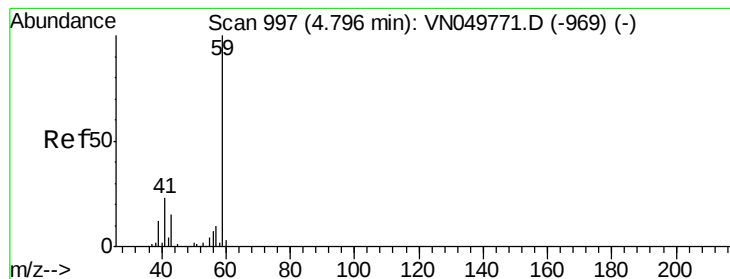
45 113.4 48.4 145.2



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



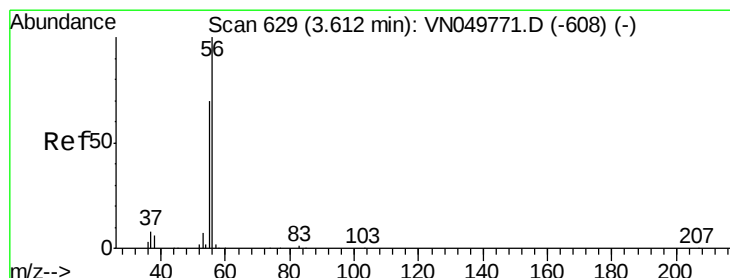
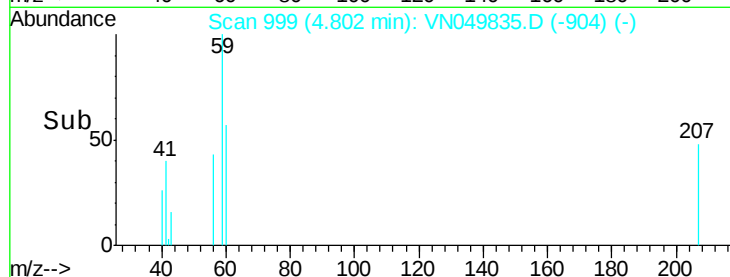
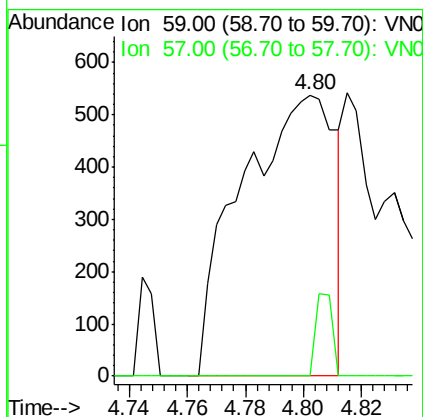
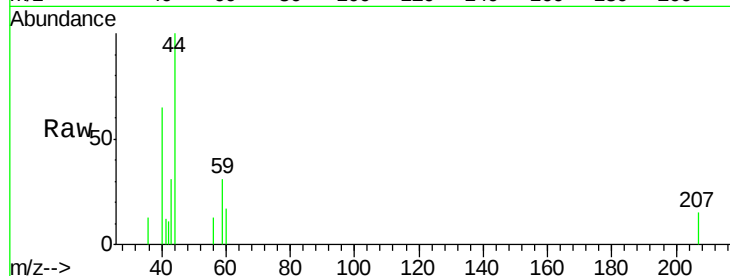


#11

Tert butyl alcohol
 Concen: 1.31 ug/l
 RT: 4.80 min Scan# 999
 Delta R.T. 0.01 min
 Lab File: VN049835.D
 Acq: 14 Jul 2018 8:32

Instrument :
 MSVOA_N
 ClientSampled :
 CS-STONE

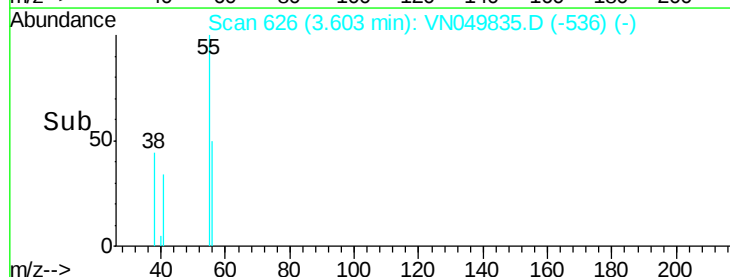
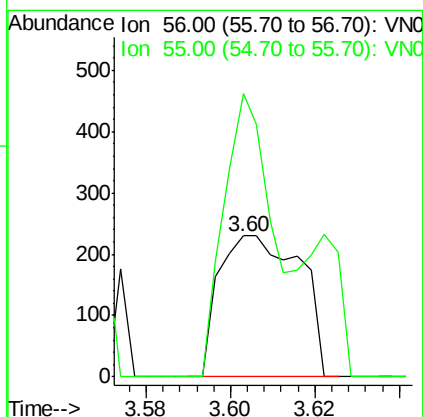
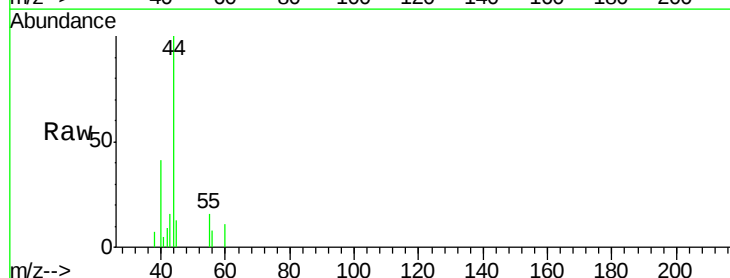
Tot Ion: 59 Resp: 1206
 Ion Ratio Lower Upper
 59 100
 57 5.1 8.5 12.7#

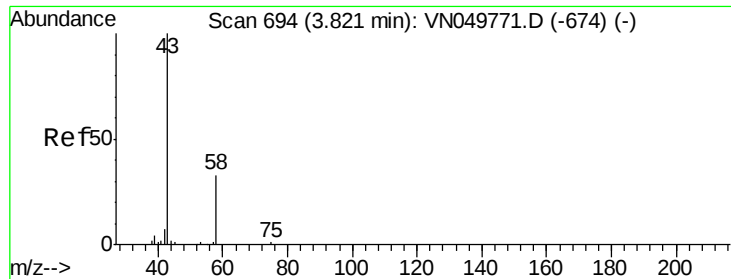


#13

Acrolein
 Concen: 0.38 ug/l
 RT: 3.60 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: VN049835.D
 Acq: 14 Jul 2018 8:32

Tgt Ion: 56 Resp: 306
 Ion Ratio Lower Upper
 56 100
 55 126.5 55.8 83.8#





#16

Acetone

Concen: 8.94 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049835.D

Acq: 14 Jul 2018 8:32

Instrument :

MSVOA_N

ClientSampleId :

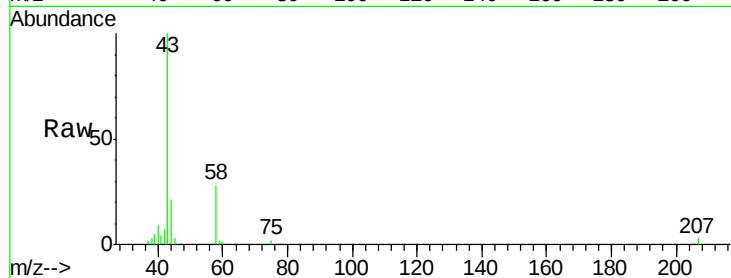
CS-STONE

Tot Ion: 43 Resp: 36955

Ion Ratio Lower Upper

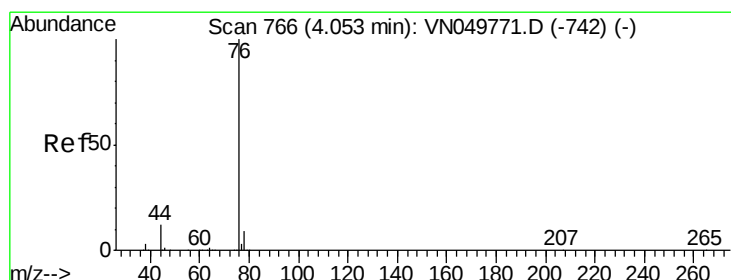
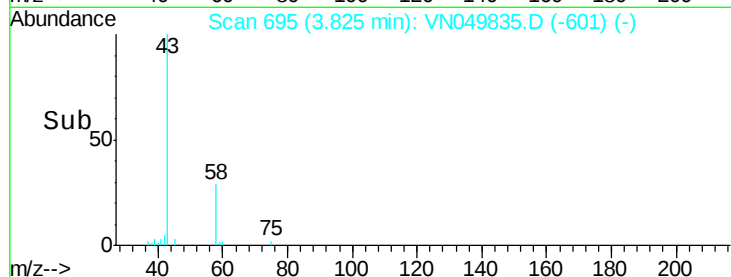
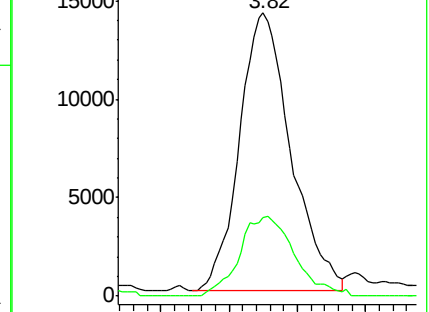
43 100

58 28.1 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN049771.D (-674) (-)

Ion 58.00 (57.70 to 58.70): VN049771.D (-674) (-)



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.05 min Scan# 765

Delta R.T. -0.00 min

Lab File: VN049835.D

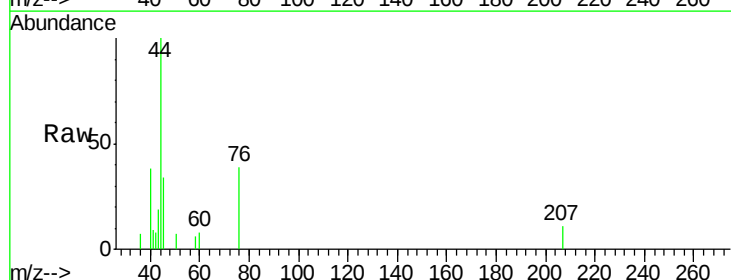
Acq: 14 Jul 2018 8:32

Tgt Ion: 76 Resp: 2375

Ion Ratio Lower Upper

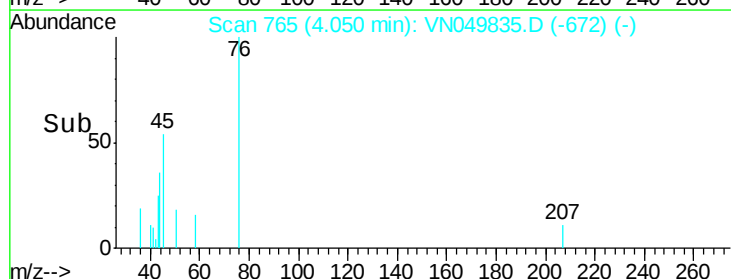
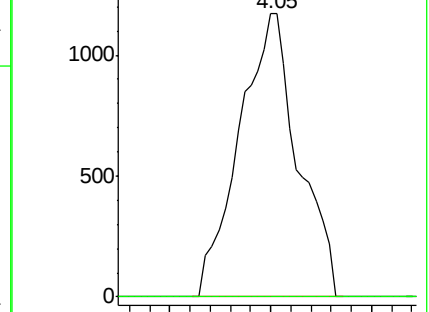
76 100

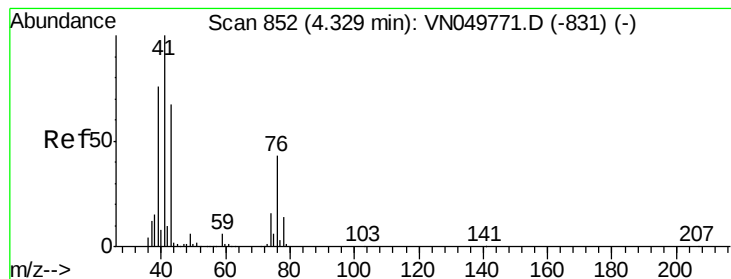
78 0.0 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VN049771.D (-742) (-)

Ion 77.90 (77.60 to 78.60): VN049771.D (-742) (-)





#18

Methvl Acetate

Concen: 3.60 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.00 min

Lab File: VN049835.D

Acq: 14 Jul 2018 8:32

Instrument :

MSVOA_N

ClientSampleId :

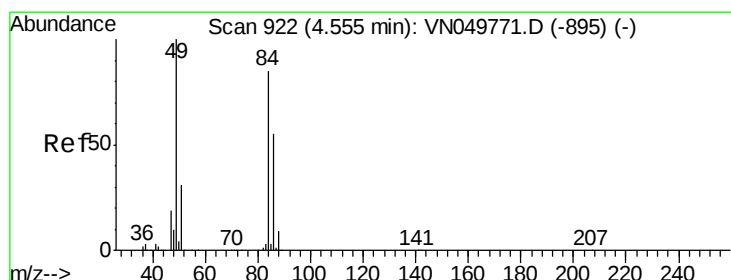
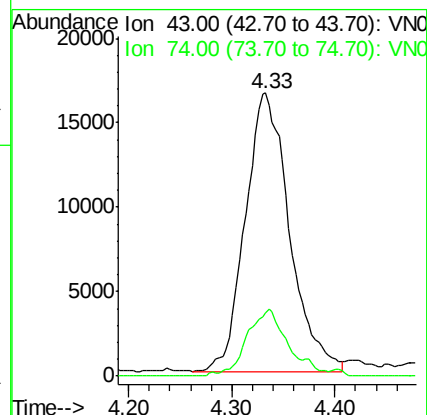
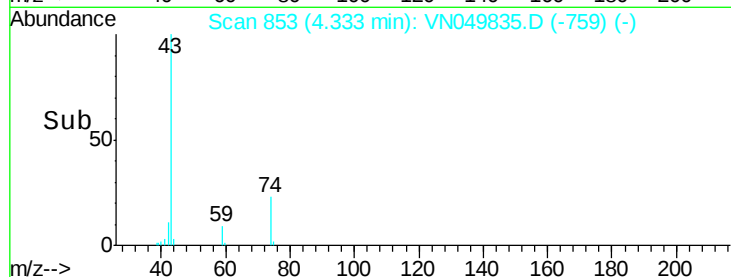
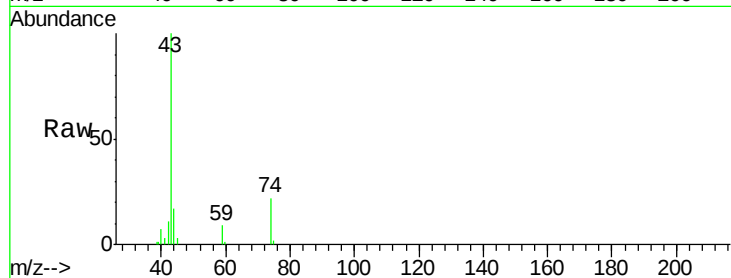
CS-STONE

Tot Ion: 43 Resp: 49035

Ion Ratio Lower Upper

43 100

74 20.8 19.8 29.8



#20

Methylene Chloride

Concen: 22.05 ug/l

RT: 4.55 min Scan# 921

Delta R.T. -0.00 min

Lab File: VN049835.D

Acq: 14 Jul 2018 8:32

Tgt Ion: 84 Resp: 317438

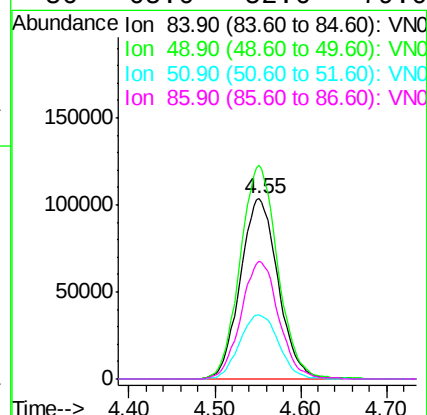
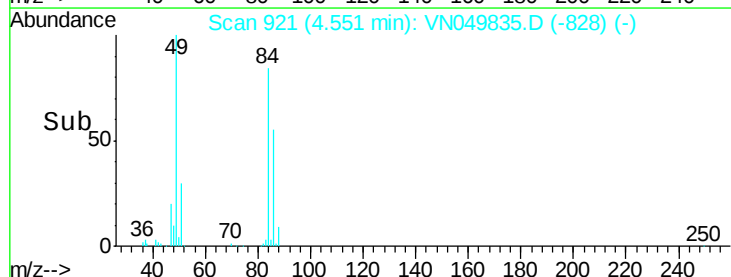
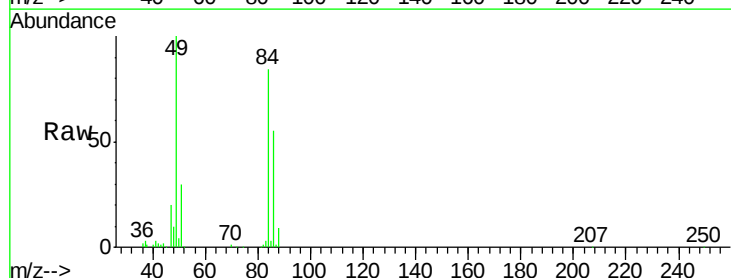
Ion Ratio Lower Upper

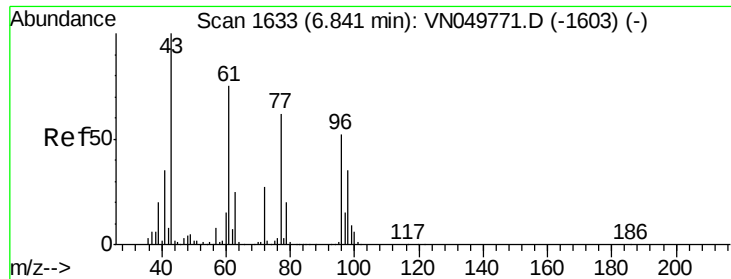
84 100

49 118.4 95.4 143.2

51 35.3 28.4 42.6

86 65.0 52.6 79.0





#25

2-Butanone

Concen: 1.20 ug/l

RT: 6.85 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VN049835.D

Acq: 14 Jul 2018 8:32

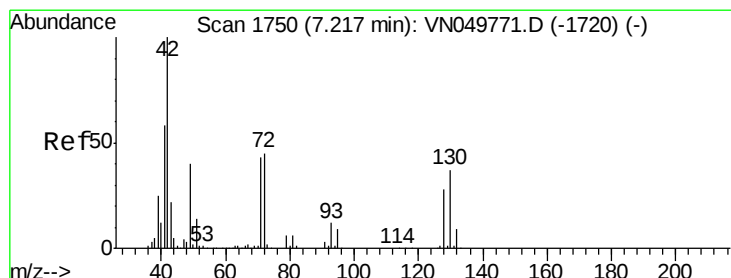
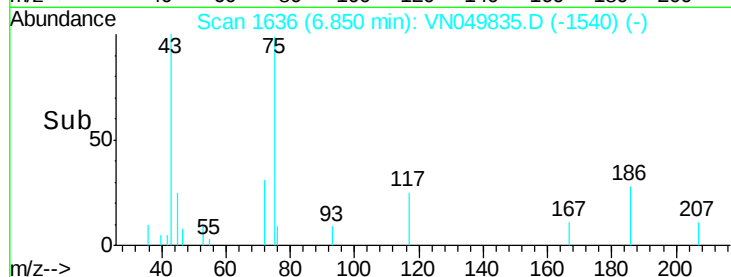
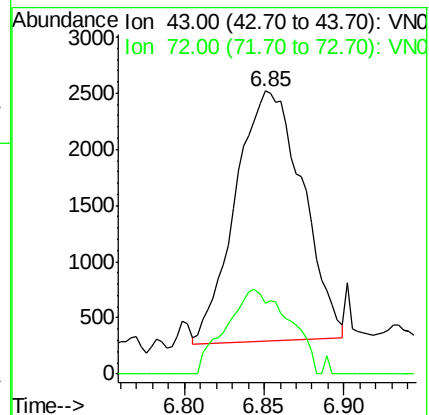
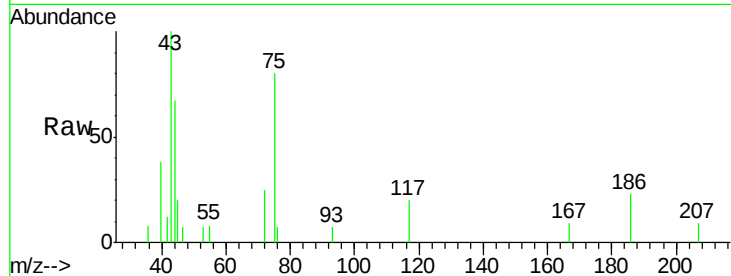
Instrument :
MSVOA_N
ClientSampled :
CS-STONE

Tot Ion: 43 Resp: 6435

Ion Ratio Lower Upper

43 100

72 28.6 22.1 33.1



#29

Tetrahydrofuran

Concen: 0.36 ug/l

RT: 7.22 min Scan# 1752

Delta R.T. 0.01 min

Lab File: VN049835.D

Acq: 14 Jul 2018 8:32

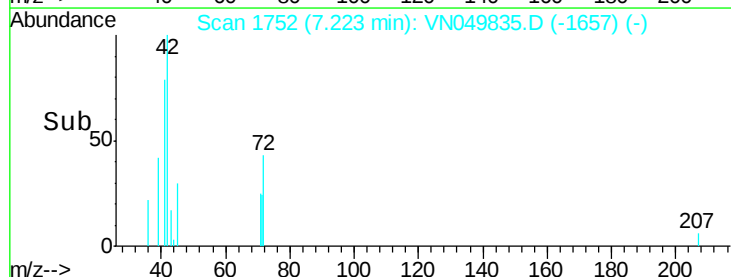
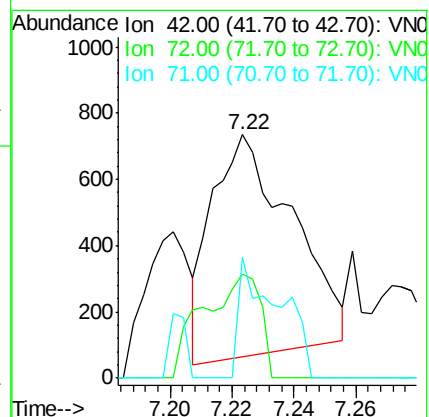
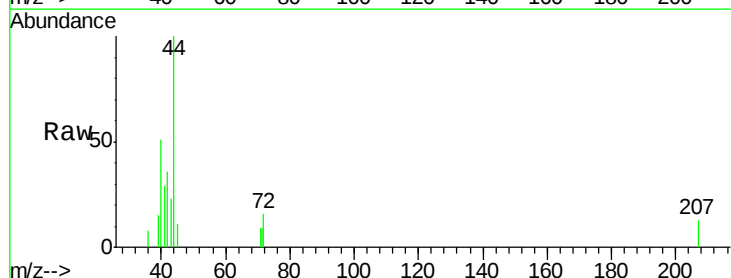
Tgt Ion: 42 Resp: 1210

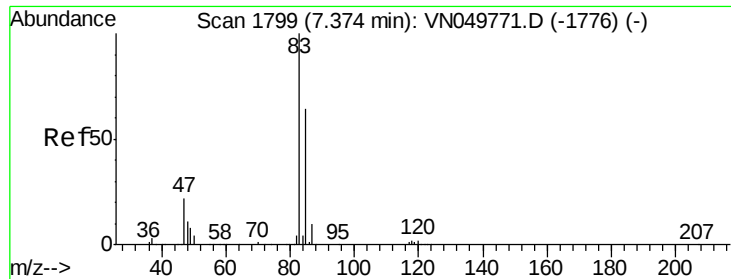
Ion Ratio Lower Upper

42 100

72 33.1 35.6 53.4#

71 27.1 34.0 51.0#

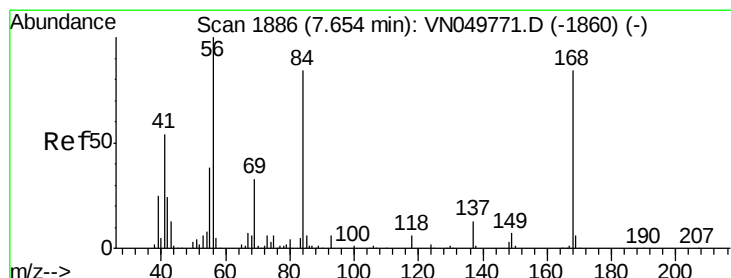
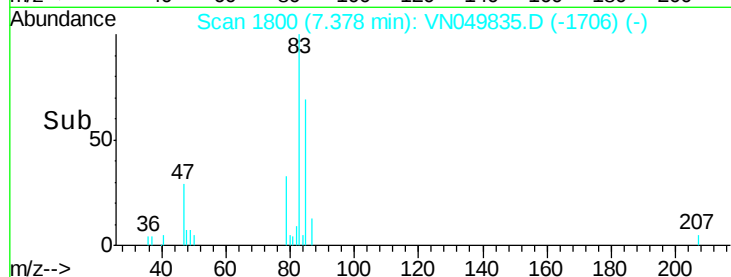
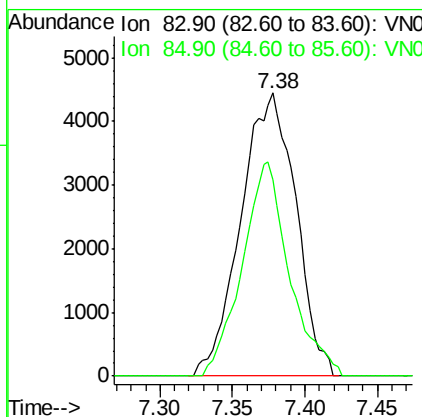
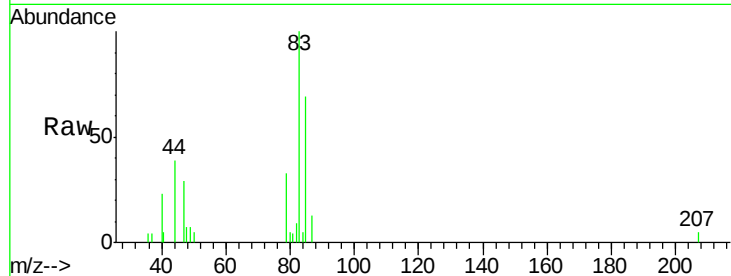




#30
Chloroform
Concen: 0.42 ug/l
RT: 7.38 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN049835.D
Acq: 14 Jul 2018 8:32

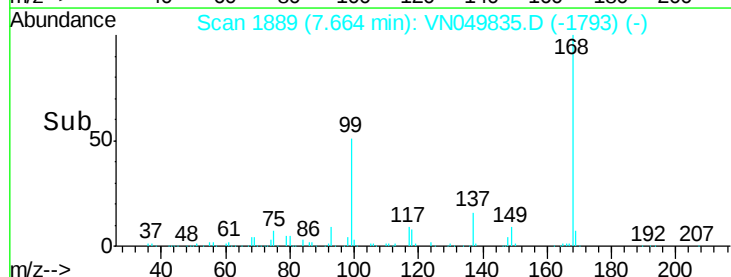
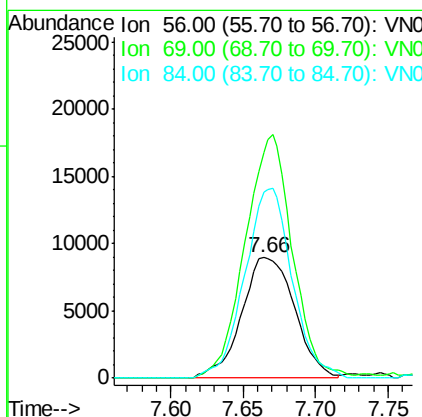
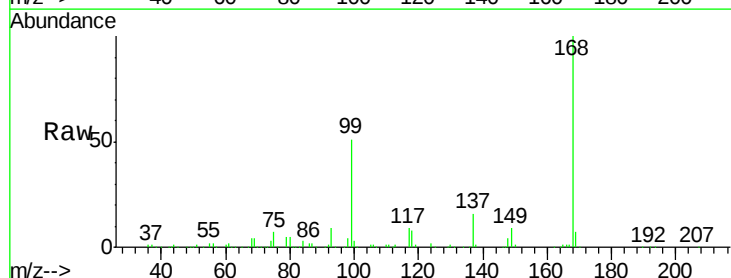
Instrument :
MSVOA_N
ClientSampleId :
CS-STONE

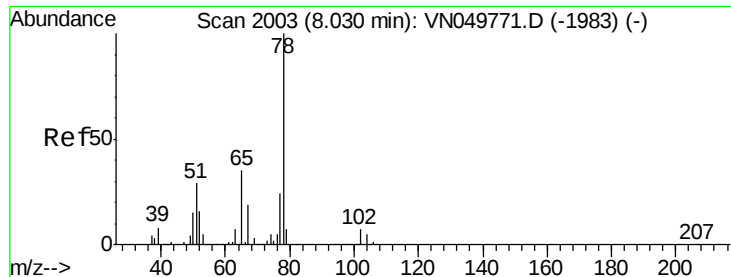
Tot Ion: 83 Resp: 11722
Ion Ratio Lower Upper
83 100
85 69.5 51.4 77.2



#31
Cyclohexane
Concen: 0.81 ug/l
RT: 7.66 min Scan# 1889
Delta R.T. 0.01 min
Lab File: VN049835.D
Acq: 14 Jul 2018 8:32

Tgt Ion: 56 Resp: 22769
Ion Ratio Lower Upper
56 100
69 186.7 26.6 40.0#
84 153.8 69.0 103.6#





#33

1,2-Dichloroethane-d4

Concen: 60.27 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049835.D

Acq: 14 Jul 2018 8:32

Instrument :

MSVOA_N

ClientSampleId :

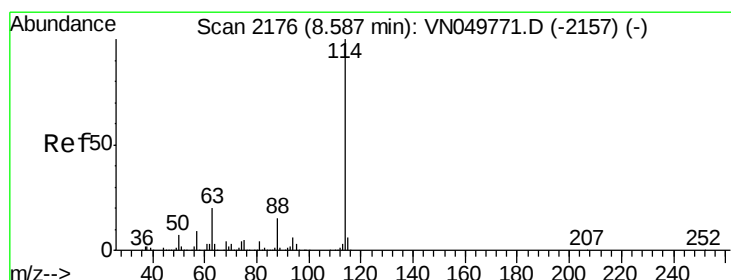
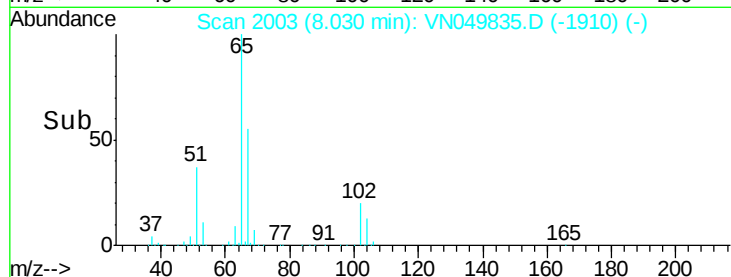
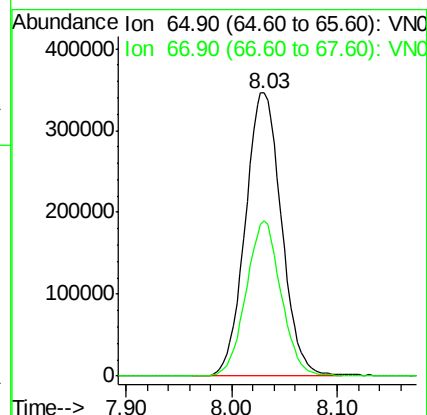
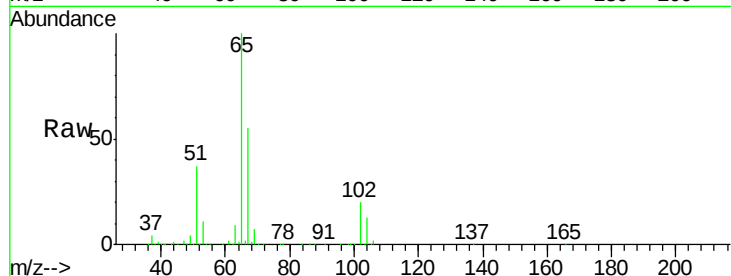
CS-STONE

Tot Ion: 65 Resp: 826710

Ion Ratio Lower Upper

65 100

67 52.9 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049835.D

Acq: 14 Jul 2018 8:32

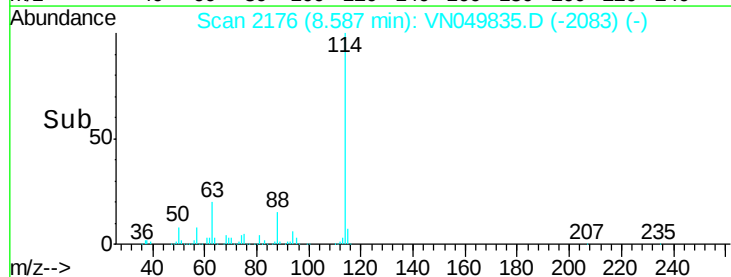
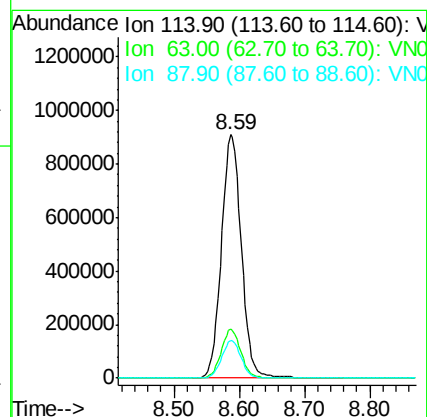
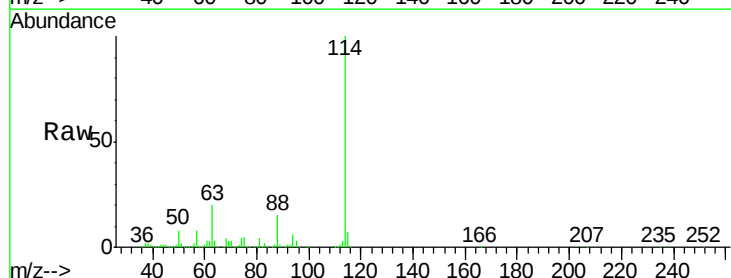
Tgt Ion: 114 Resp: 1935267

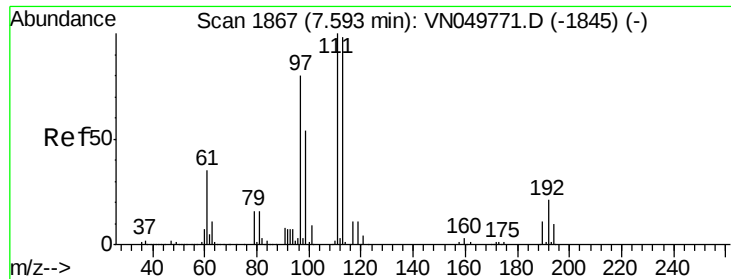
Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.8

88 15.4 0.0 30.6

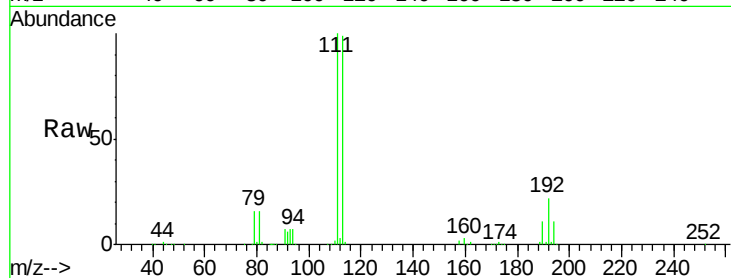




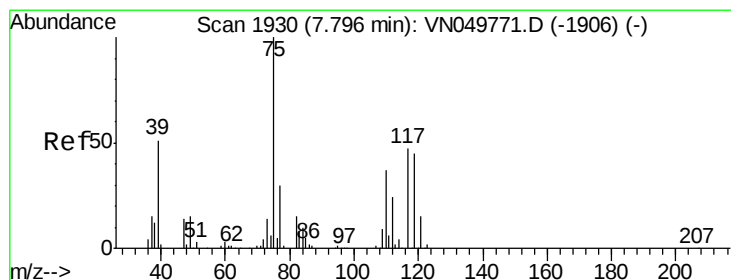
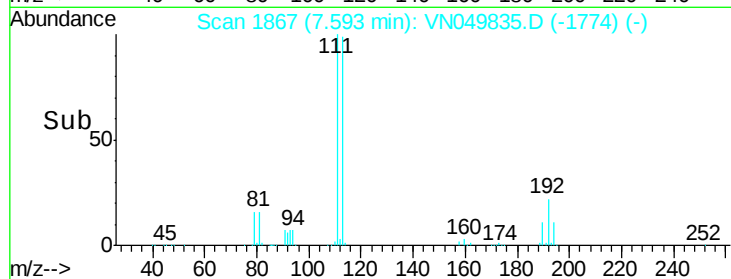
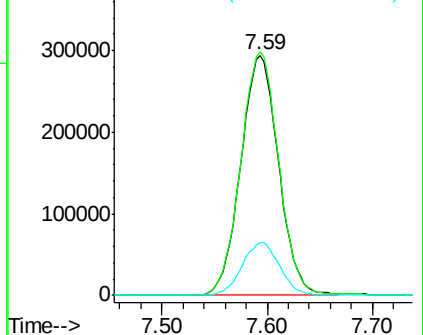
#35
 Dibromofluoromethane
 Concen: 50.27 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049835.D
 Acq: 14 Jul 2018 8:32

Instrument :
 MSVOA_N
 ClientSampleId :
 CS-STONE

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.8	122.8
192	22.0	17.8	26.6

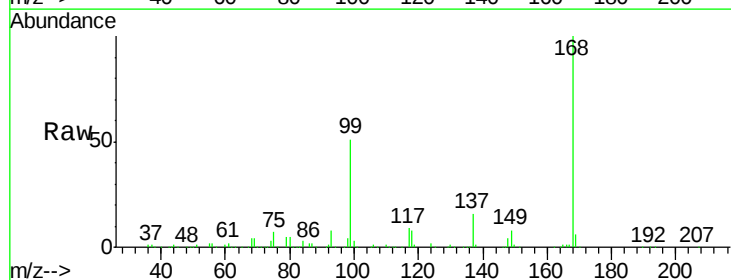


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

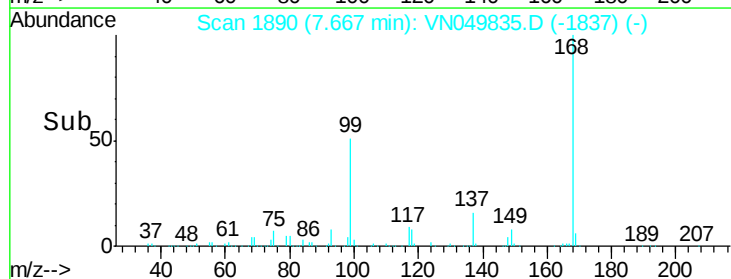
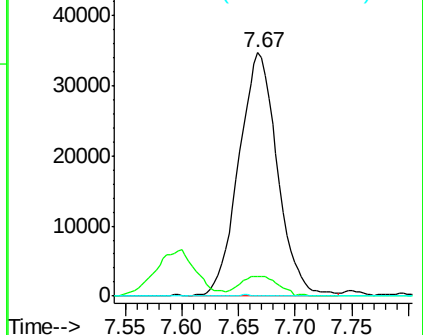


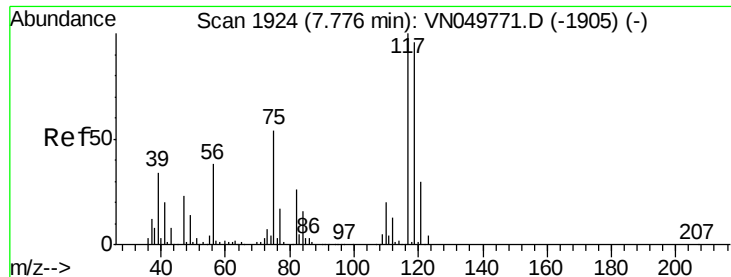
#36
 1,1-Dichloropropene
 Concen: 3.69 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN049835.D
 Acq: 14 Jul 2018 8:32

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.2	18.1	54.4#
77	0.1	24.9	37.3#



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

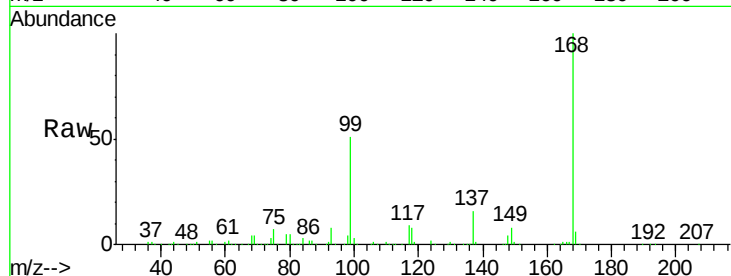




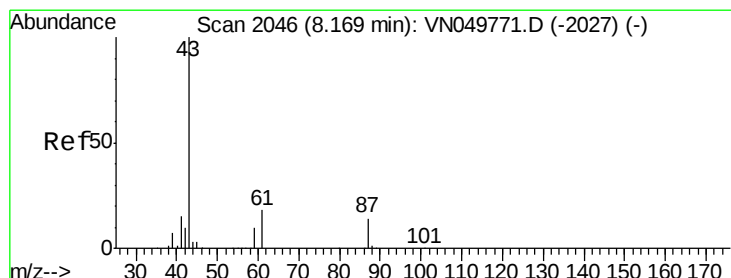
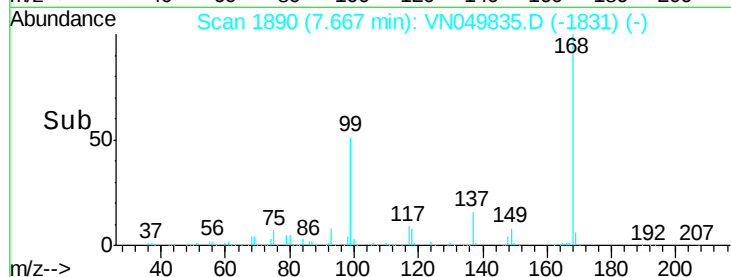
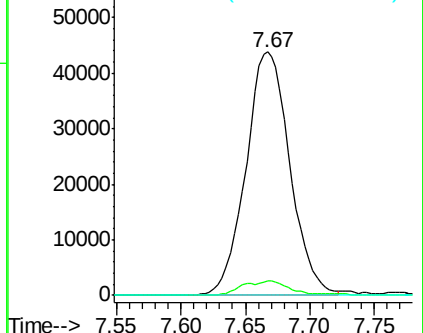
#38
Carbon Tetrachloride
Concen: 4.47 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN049835.D
Acq: 14 Jul 2018 8:32

Instrument :
MSVOA_N
ClientSampleId :
CS-STONE

Tot Ion	Ratio	Lower	Upper
117	100		
119	5.9	77.2	115.8#
121	0.0	25.0	37.6#

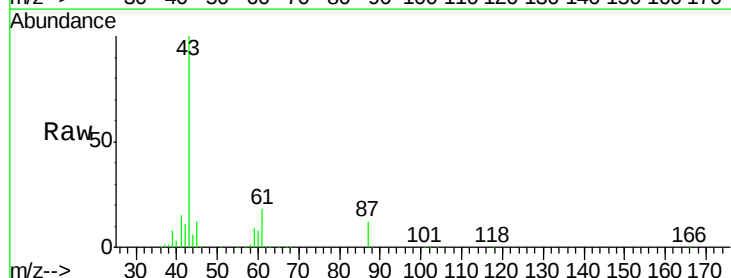


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

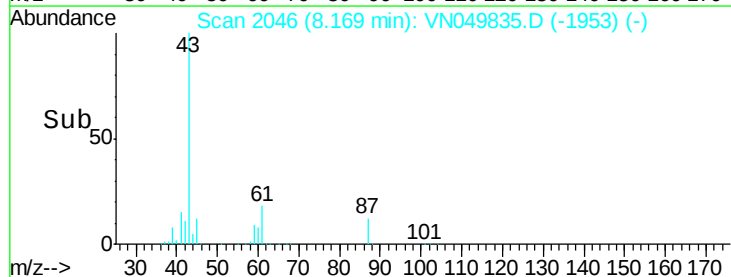
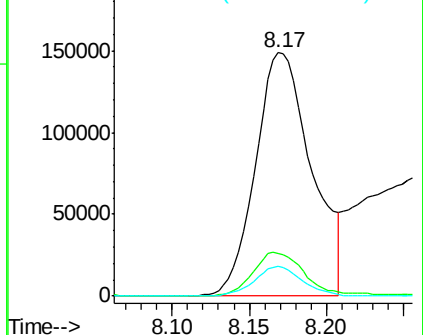


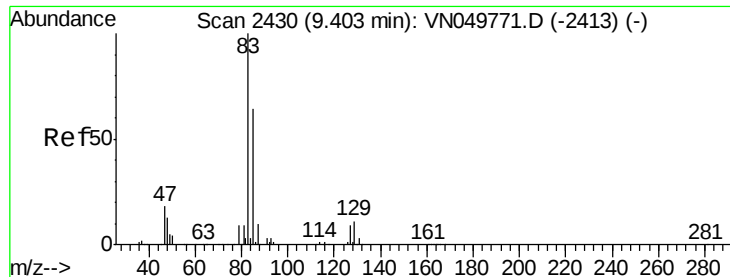
#43
Isopropyl Acetate
Concen: 15.83 ug/l
RT: 8.17 min Scan# 2046
Delta R.T. 0.00 min
Lab File: VN049835.D
Acq: 14 Jul 2018 8:32

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.9	14.9	22.3
87	10.5	10.0	15.0



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





#47

Bromodichloromethane

Concen: 0.21 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049835.D

Acq: 14 Jul 2018 8:32

Instrument :

MSVOA_N

ClientSampleId :

CS-STONE

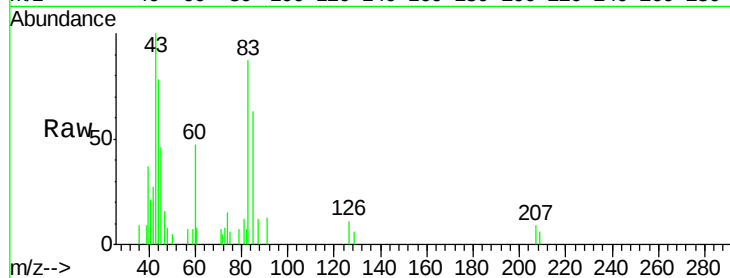
Tot Ion: 83 Resp: 4875

Ion Ratio Lower Upper

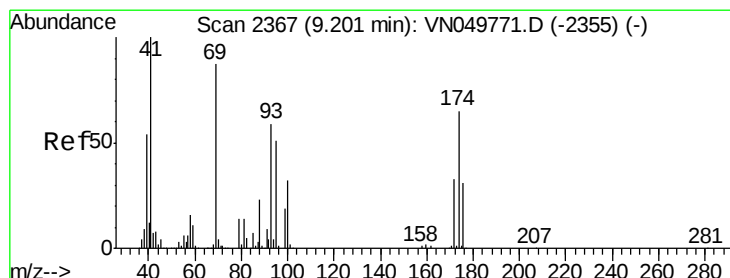
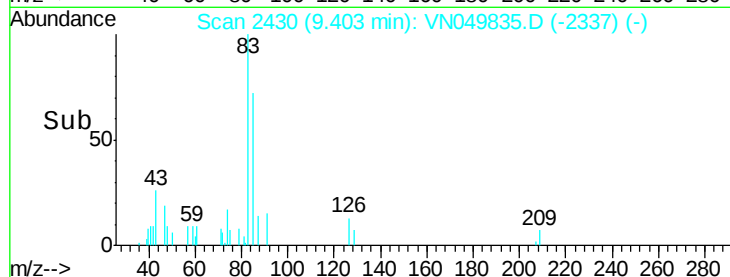
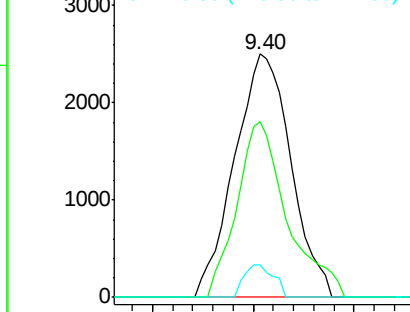
83 100

85 72.4 50.5 75.7

127 13.1 6.8 10.2#



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 1.18 ug/l

RT: 9.18 min Scan# 2361

Delta R.T. -0.02 min

Lab File: VN049835.D

Acq: 14 Jul 2018 8:32

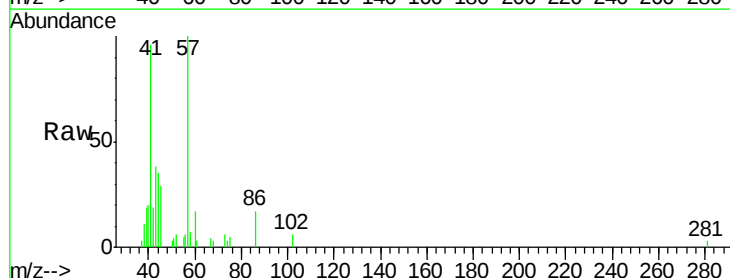
Tgt Ion: 41 Resp: 13959

Ion Ratio Lower Upper

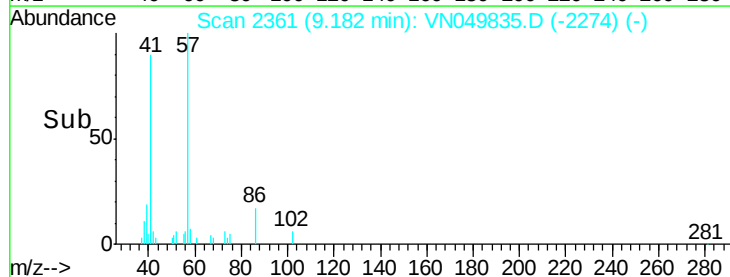
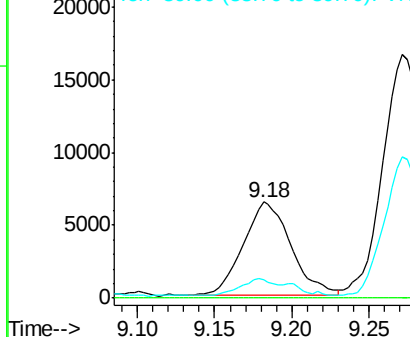
41 100

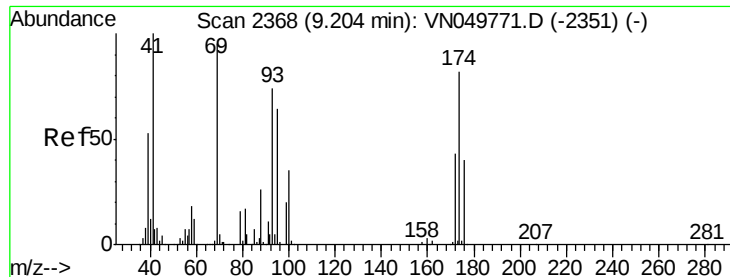
69 0.0 71.5 107.3#

39 12.4 44.7 67.1#



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

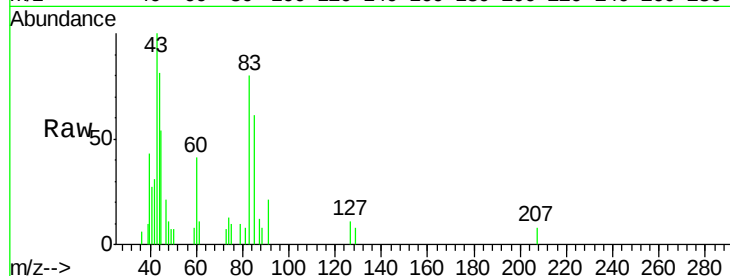




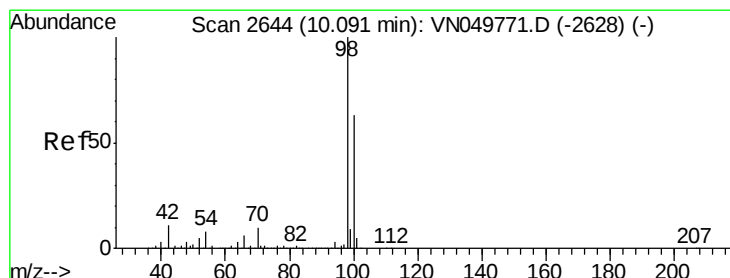
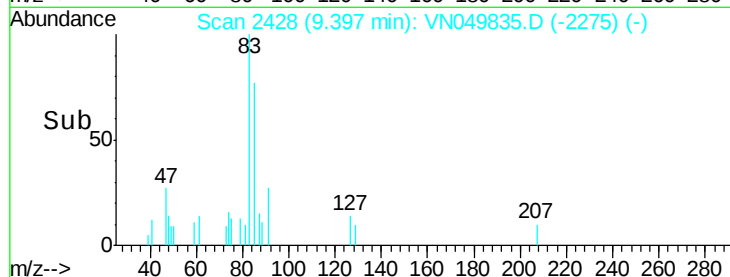
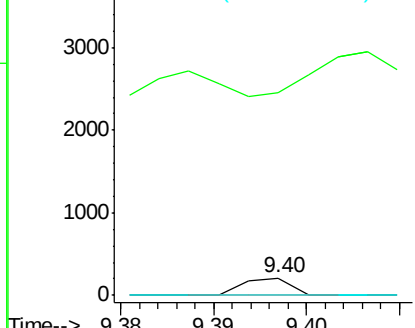
#49
1,4-Dioxane
Concen: 0.48 ug/l
RT: 9.40 min Scan# 2428
Delta R.T. 0.19 min
Lab File: VN049835.D
Acq: 14 Jul 2018 8:32

Instrument :
MSVOA_N
ClientSampleId :
CS-STONE

Tot Ion: 88 Resp: 74
Ion Ratio Lower Upper
88 100
43 0.0 25.1 37.7#
58 0.0 52.5 78.7#

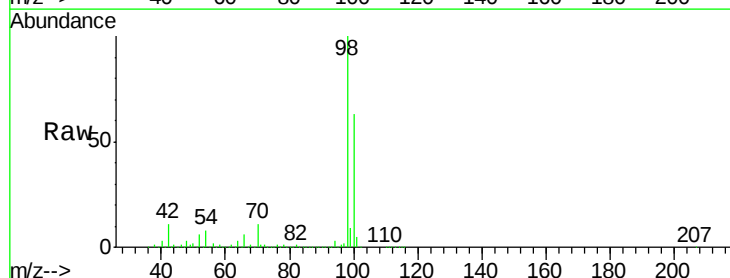


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

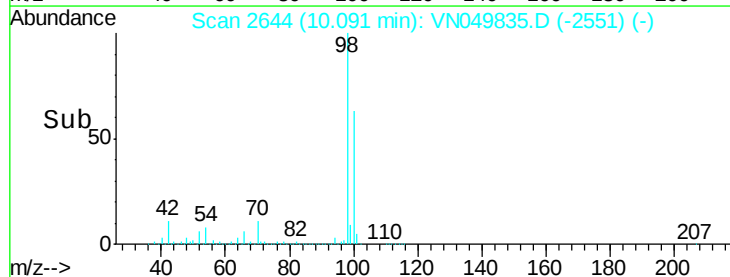
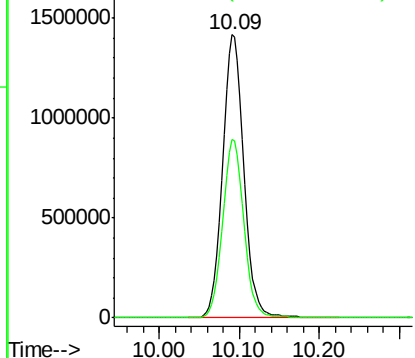


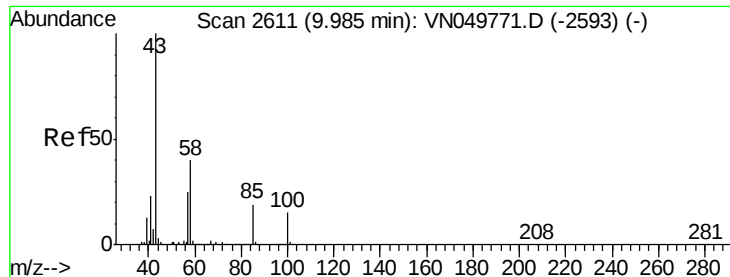
#50
Toluene-d8
Concen: 52.30 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049835.D
Acq: 14 Jul 2018 8:32

Tgt Ion: 98 Resp: 2611511
Ion Ratio Lower Upper
98 100
100 63.0 51.7 77.5



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

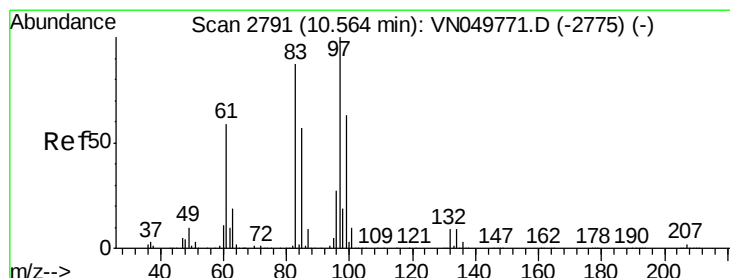
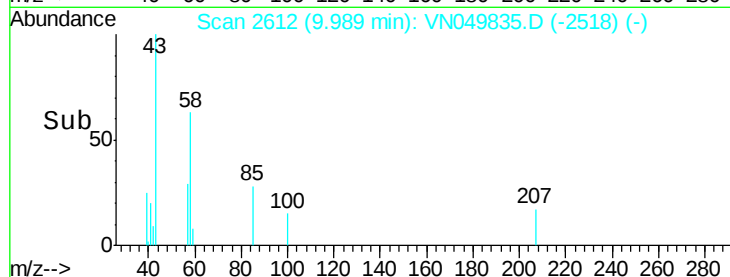
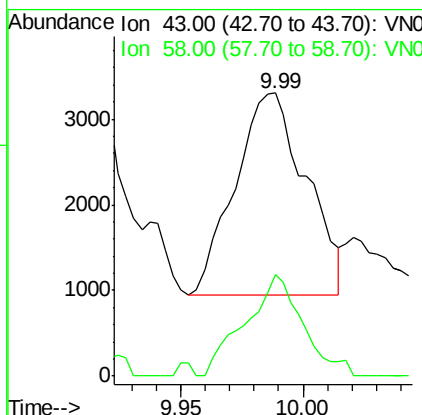
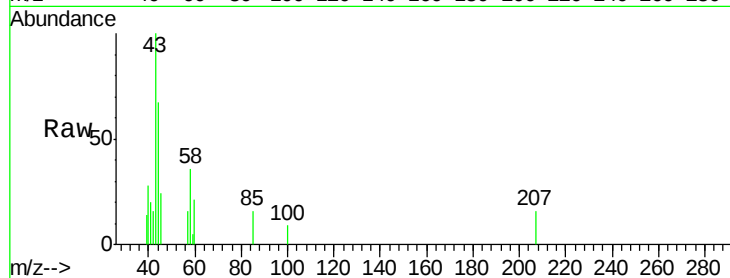




#51
 4-Methyl-2-Pentanone
 Concen: 0.37 ug/l
 RT: 9.99 min Scan# 2612
 Delta R.T. 0.00 min
 Lab File: VN049835.D
 Acq: 14 Jul 2018 8:32

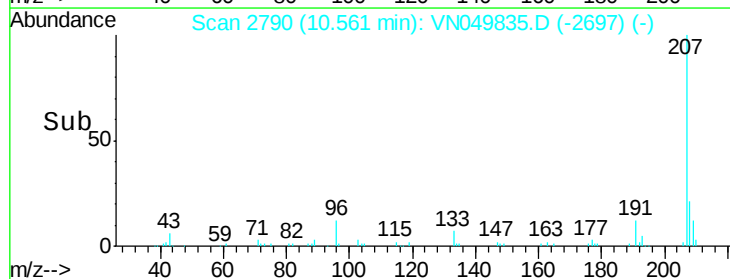
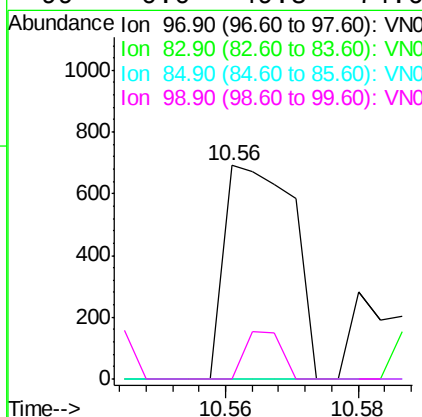
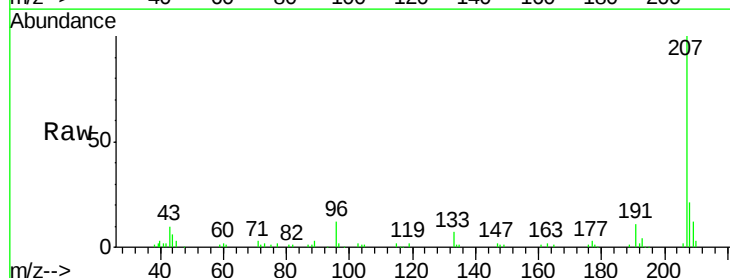
Instrument :
 MSVOA_N
 ClientSampleId :
 CS-STONE

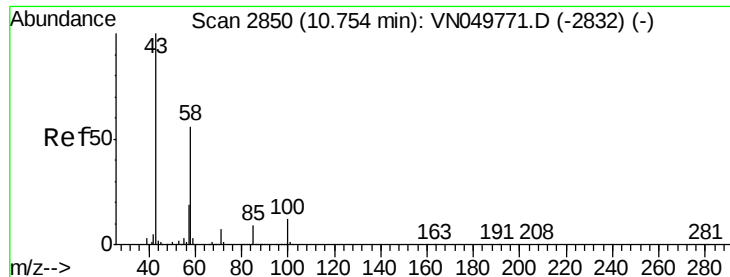
Tot Ion: 43 Resp: 4760
 Ion Ratio Lower Upper
 43 100
 58 40.8 31.8 47.8



#55
 1,1,2-Trichloroethane
 Concen: Below Cal
 RT: 10.56 min Scan# 2790
 Delta R.T. -0.00 min
 Lab File: VN049835.D
 Acq: 14 Jul 2018 8:32

Tgt Ion: 97 Resp: 498
 Ion Ratio Lower Upper
 97 100
 83 0.0 69.0 103.6#
 85 0.0 44.9 67.3#
 99 0.0 49.8 74.6#





#59

2-Hexanone

Concen: 3.31 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN049835.D

Acq: 14 Jul 2018 8:32

Instrument :

MSVOA_N

ClientSampleId :

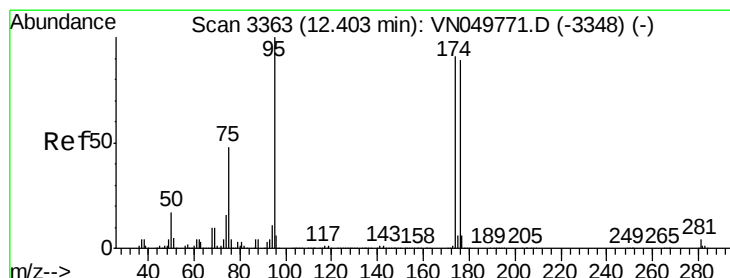
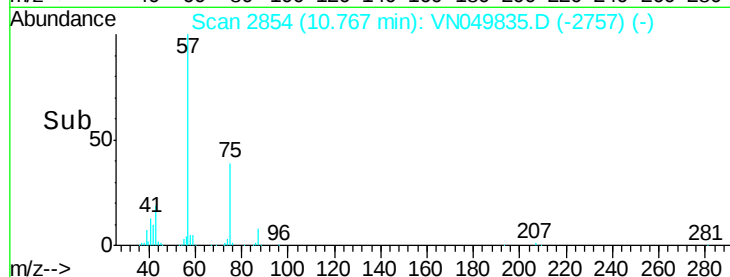
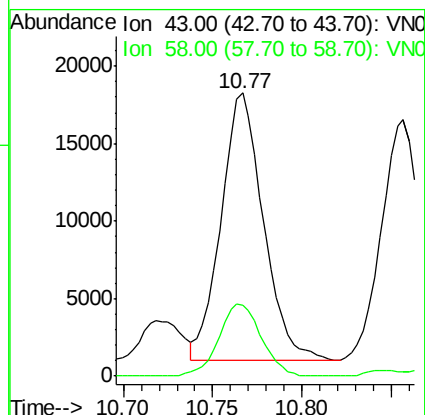
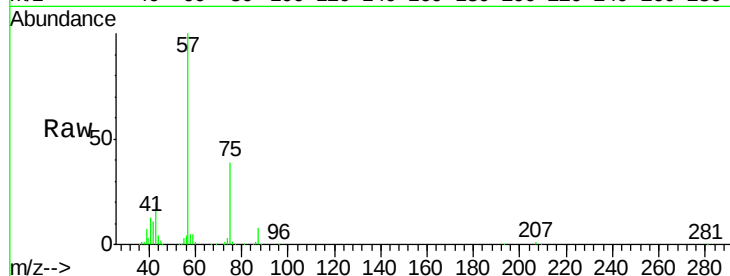
CS-STONE

Tot Ion: 43 Resp: 28389

Ion Ratio Lower Upper

43 100

58 27.1 27.8 83.4#



#62

4-Bromofluorobenzene

Concen: 41.04 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049835.D

Acq: 14 Jul 2018 8:32

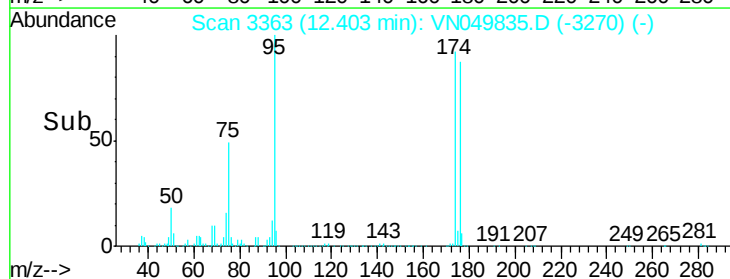
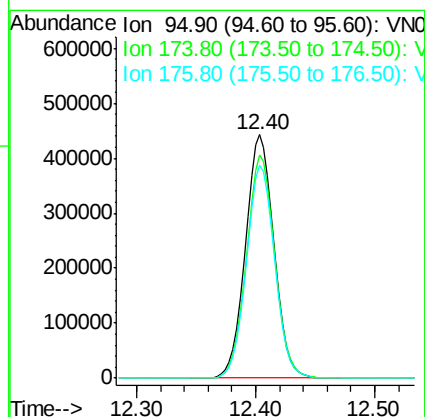
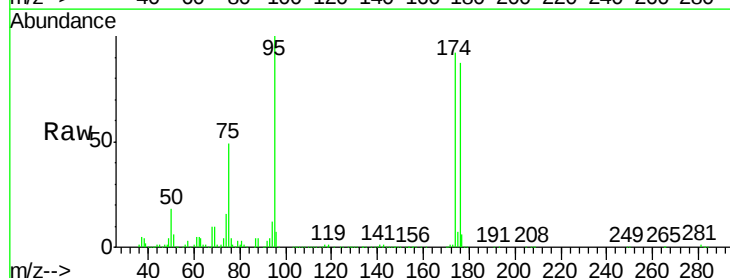
Tgt Ion: 95 Resp: 731893

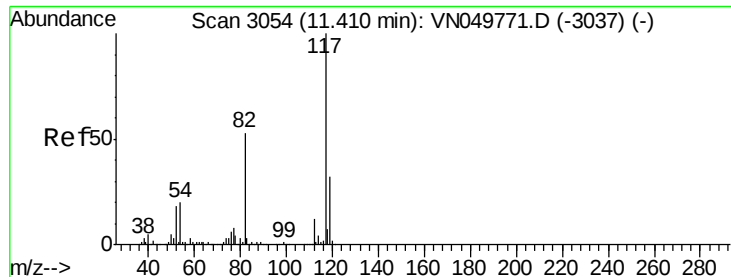
Ion Ratio Lower Upper

95 100

174 91.6 0.0 179.6

176 87.1 0.0 174.0

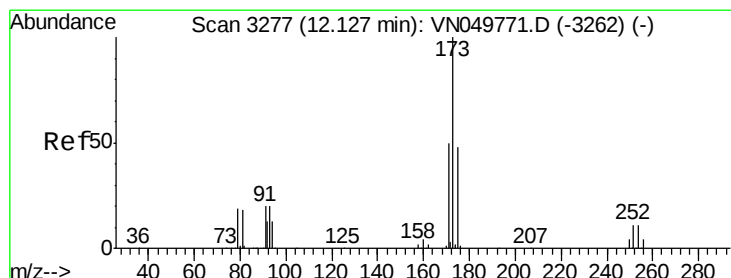
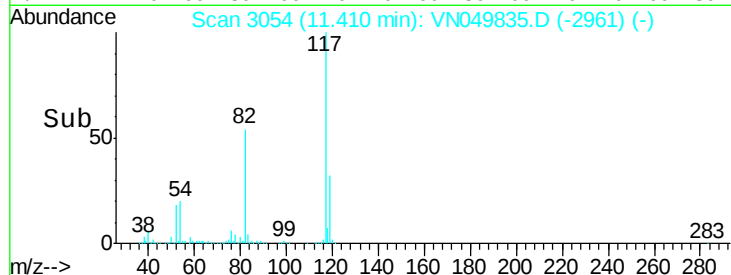
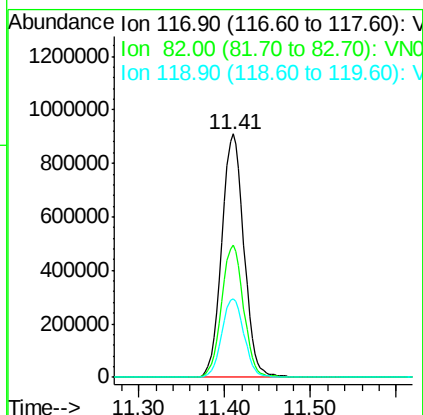
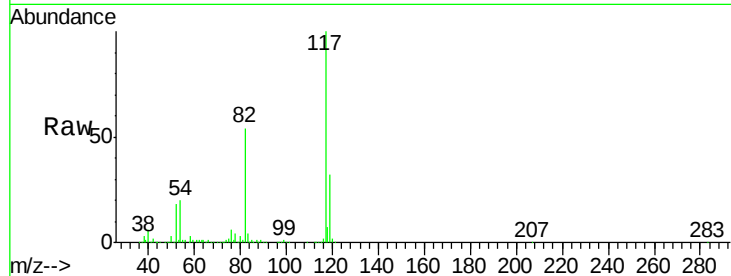




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049835.D
Acq: 14 Jul 2018 8:32

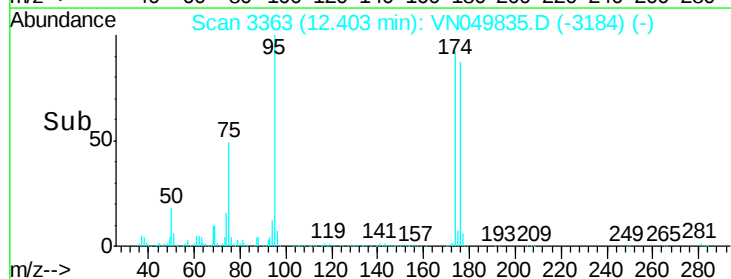
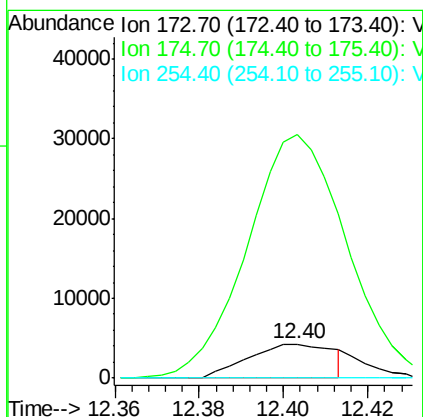
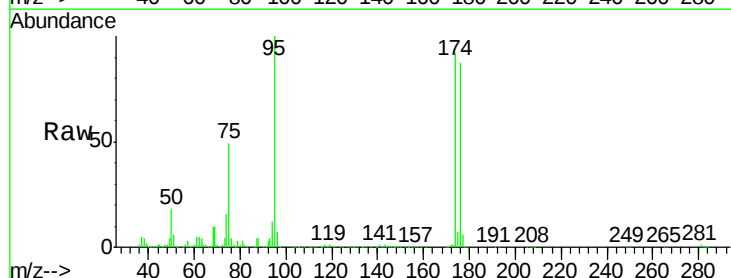
Instrument :
MSVOA_N
ClientSampled :
CS-STONE

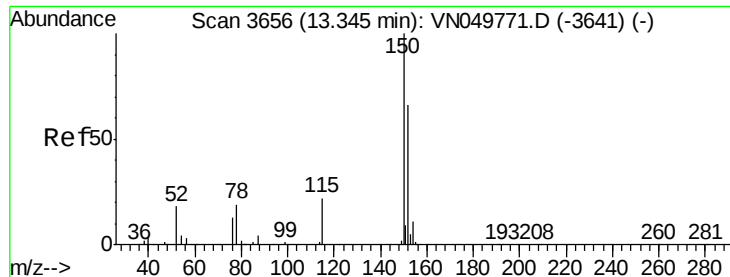
Tot Ion:117 Resp: 1631245
Ion Ratio Lower Upper
117 100
82 54.4 41.9 62.9
119 32.5 25.4 38.2



#71
Bromoform
Concen: 0.55 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.28 min
Lab File: VN049835.D
Acq: 14 Jul 2018 8:32

Tgt Ion:173 Resp: 5994
Ion Ratio Lower Upper
173 100
175 705.5 24.6 73.8#
254 0.0 0.2 0.2#

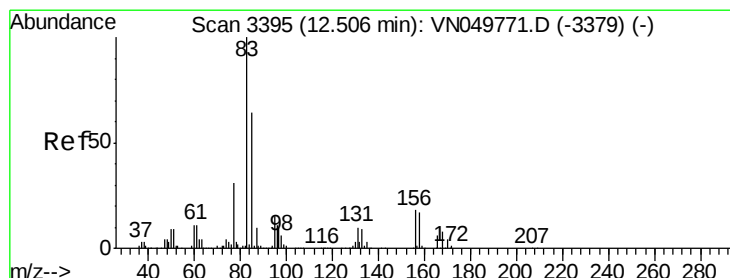
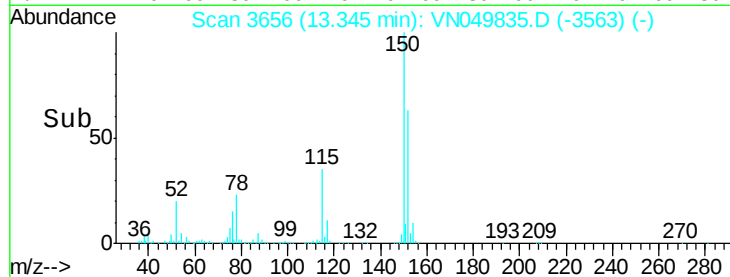
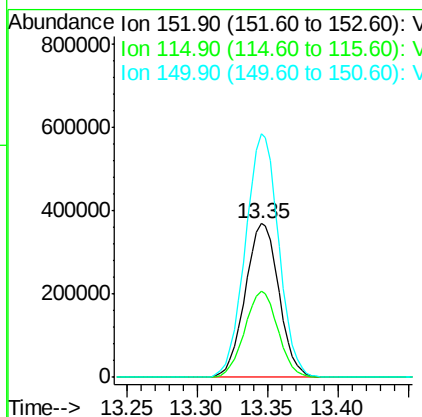
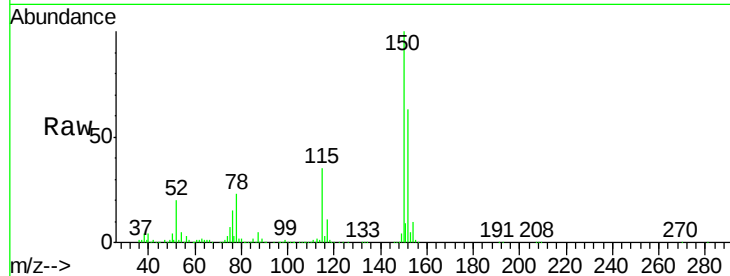




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.35 min Scan# 3656
 Delta R.T. 0.00 min
 Lab File: VN049835.D
 Acq: 14 Jul 2018 8:32

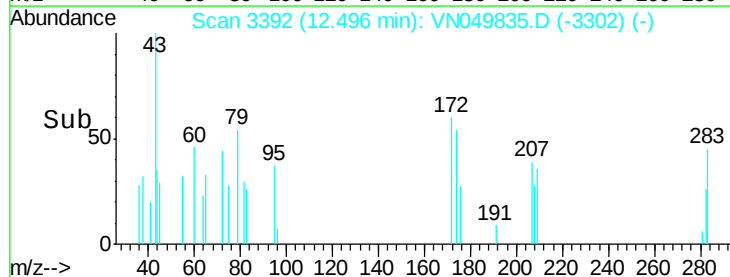
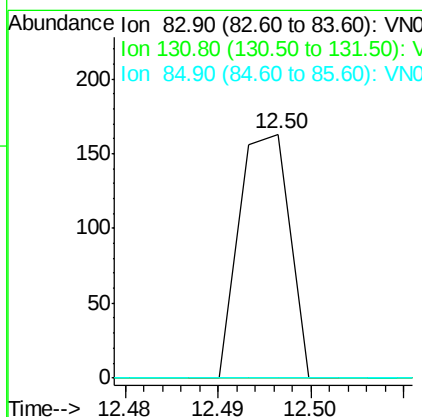
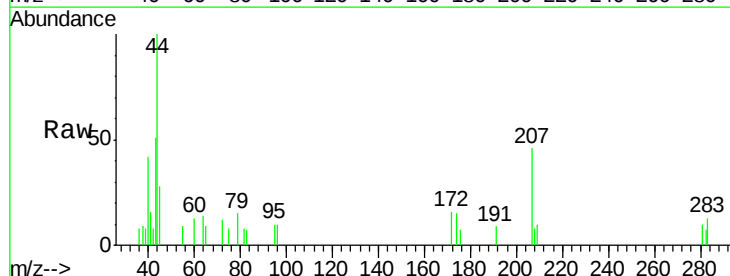
Instrument :
 MSVOA_N
 ClientSampleId :
 CS-STONE

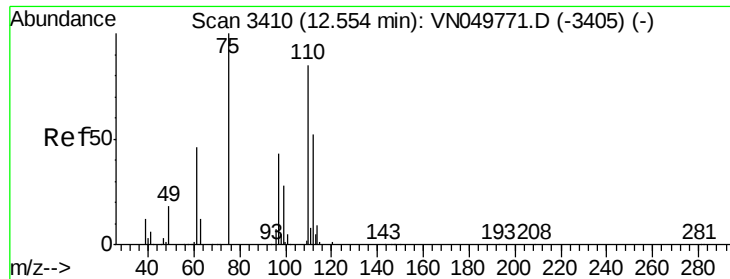
Tot Ion	Ratio	Lower	Upper
152	100		
115	55.2	28.1	84.2
150	156.8	0.0	347.6



#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 12.50 min Scan# 3392
 Delta R.T. -0.01 min
 Lab File: VN049835.D
 Acq: 14 Jul 2018 8:32

Tgt Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.2	15.6#
85	0.0	32.5	97.4#

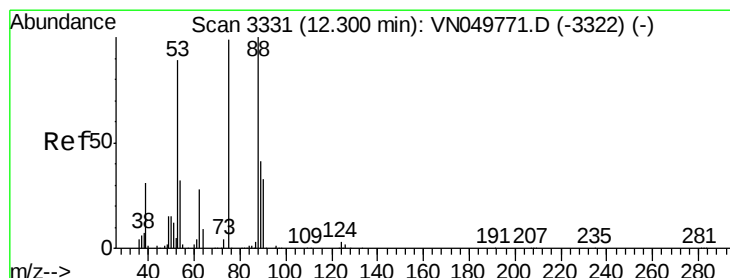
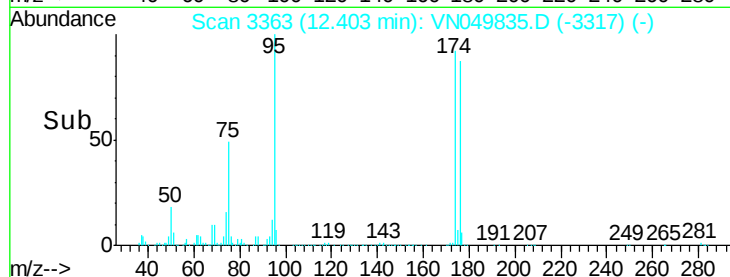
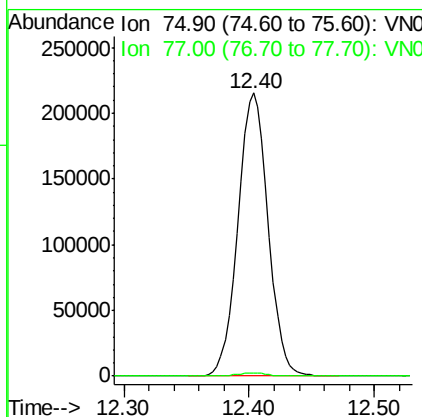
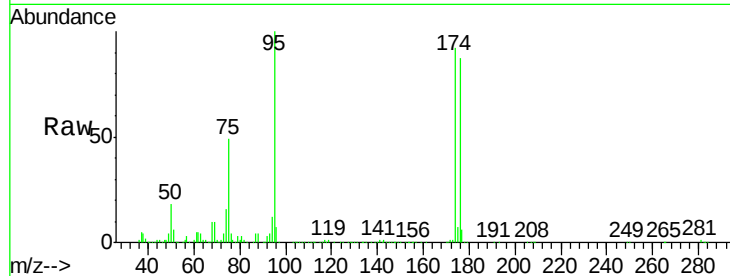




#76
 1,2,3-Trichloropropane
 Concen: 32.71 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. -0.15 min
 Lab File: VN049835.D
 Acq: 14 Jul 2018 8:32

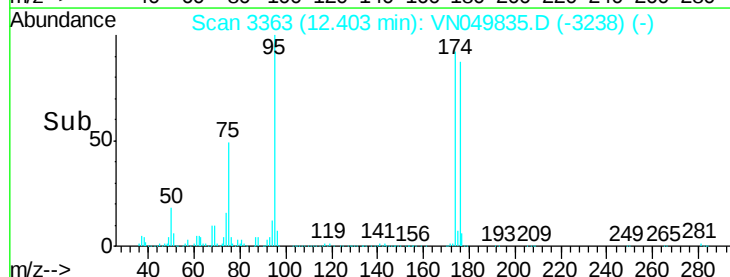
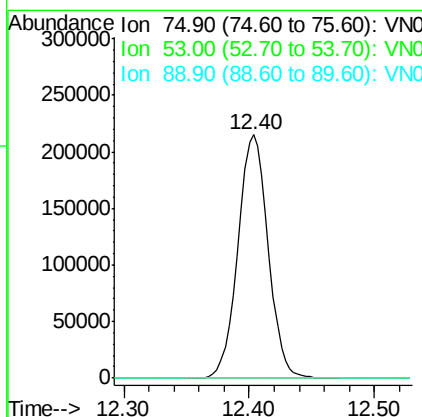
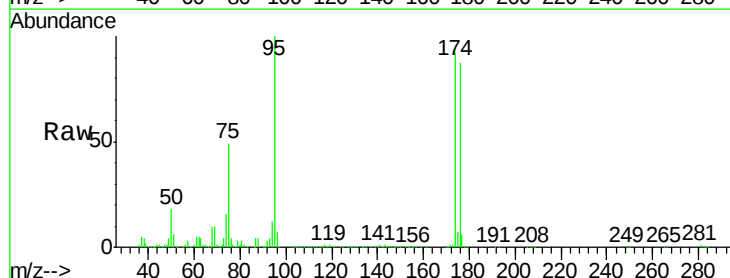
Instrument :
 MSVOA_N
 ClientSampleId :
 CS-STONE

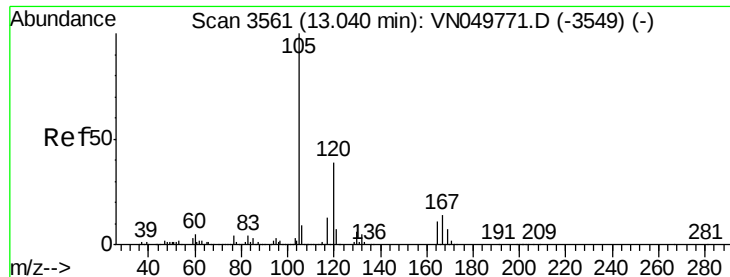
Tot Ion: 75 Resp: 358973
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.63 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.10 min
 Lab File: VN049835.D
 Acq: 14 Jul 2018 8:32

Tgt Ion: 75 Resp: 358973
 Ion Ratio Lower Upper
 75 100
 53 0.3 73.9 110.9#
 89 0.0 35.9 53.9#

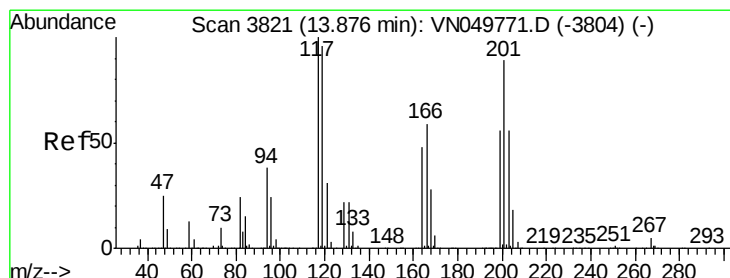
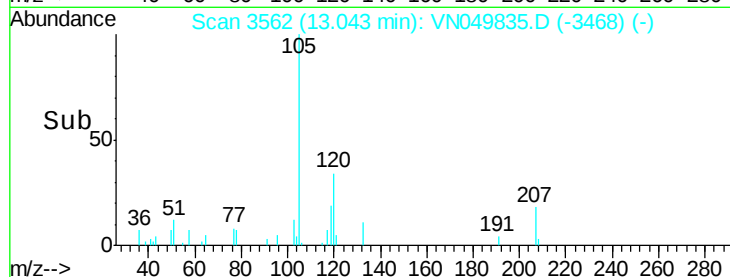
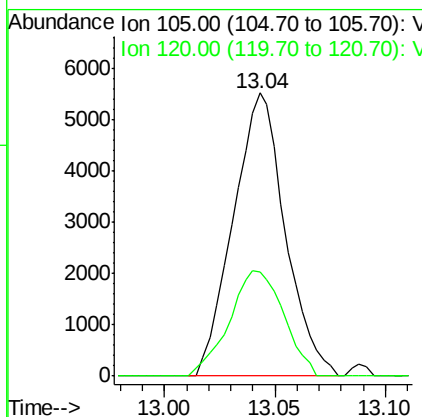
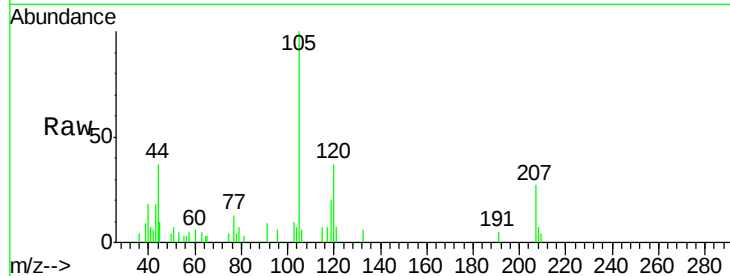




#84
 1,2,4-Trimethylbenzene
 Concen: 0.22 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN049835.D
 Acq: 14 Jul 2018 8:32

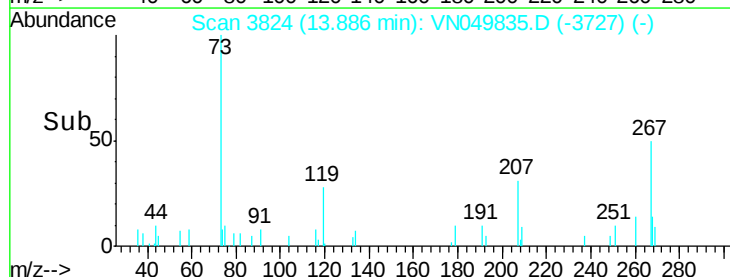
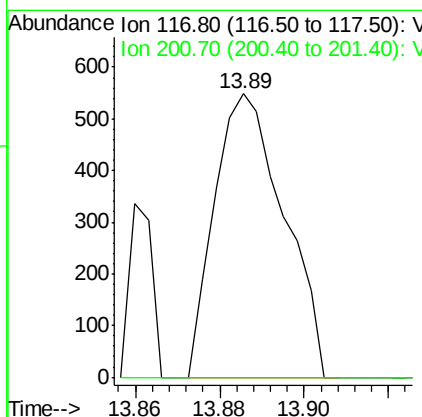
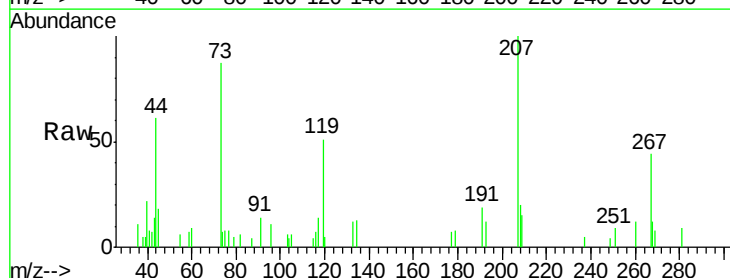
Instrument :
 MSVOA_N
 ClientSampled :
 CS-STONE

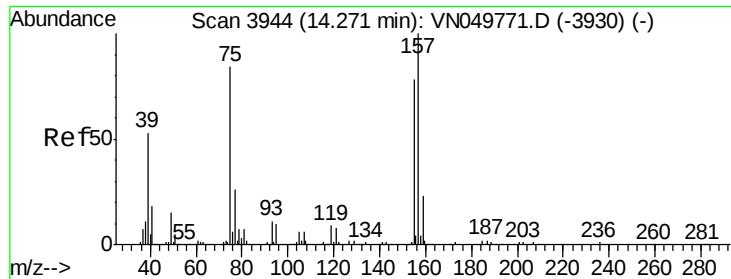
Tot Ion:105 Resp: 9003
 Ion Ratio Lower Upper
 105 100
 120 38.8 22.7 68.1



#90
 Hexachloroethane
 Concen: Below Cal
 RT: 13.89 min Scan# 3824
 Delta R.T. 0.01 min
 Lab File: VN049835.D
 Acq: 14 Jul 2018 8:32

Tgt Ion:117 Resp: 627
 Ion Ratio Lower Upper
 117 100
 201 0.0 45.3 135.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.27 min Scan# 3944

Delta R.T. 0.00 min

Lab File: VN049835.D

Acq: 14 Jul 2018 8:32

Instrument :

MSVOA_N

ClientSampleId :

CS-STONE

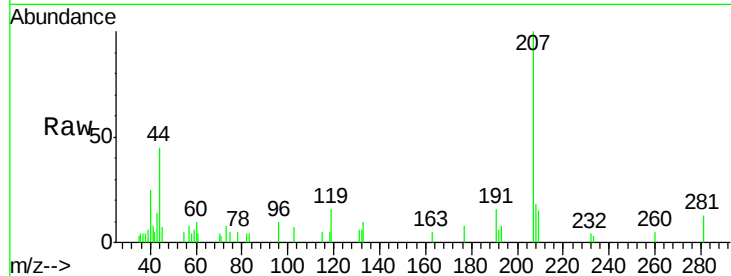
Tot Ion: 75 Resp: 116

Ion Ratio Lower Upper

75 100

155 0.0 45.7 137.1#

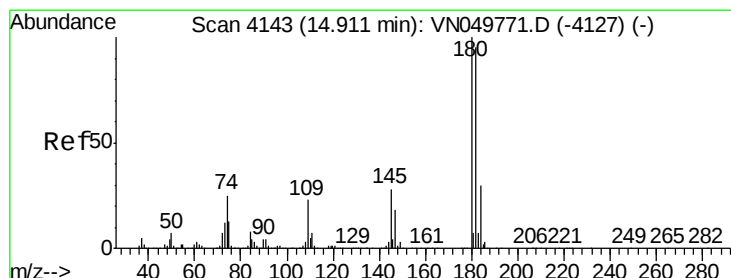
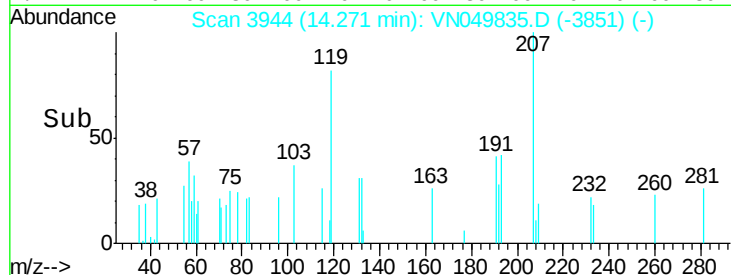
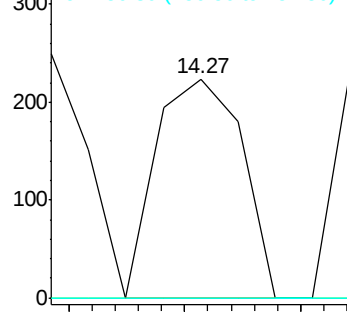
157 0.0 56.9 170.7#



Abundance Ion 74.90 (74.60 to 75.60): VN049771.D (-3930) (-)

Ion 154.80 (154.50 to 155.50): VN049771.D (-3930) (-)

Ion 156.80 (156.50 to 157.50): VN049771.D (-3930) (-)



#93

1,2,4-Trichlorobenzene

Concen: 2.92 ug/l

RT: 14.90 min Scan# 4140

Delta R.T. -0.01 min

Lab File: VN049835.D

Acq: 14 Jul 2018 8:32

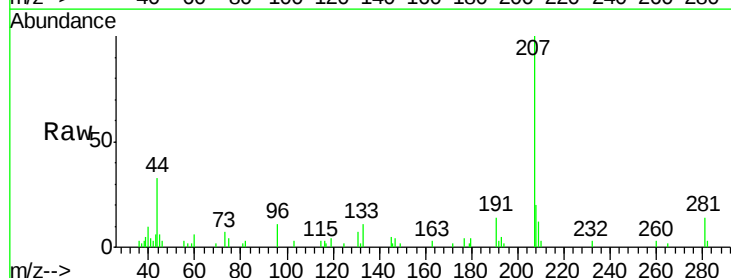
Tgt Ion: 180 Resp: 394

Ion Ratio Lower Upper

180 100

182 0.0 47.3 141.9#

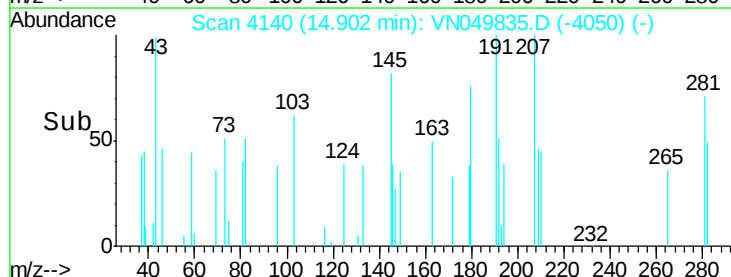
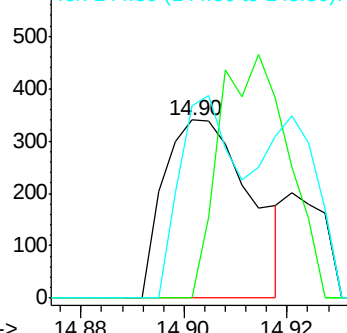
145 71.8 14.4 43.0#

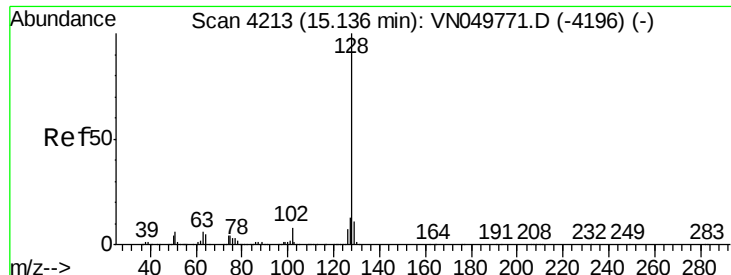


Abundance Ion 179.80 (179.50 to 180.50): VN049771.D (-4127) (-)

Ion 181.80 (181.50 to 182.50): VN049771.D (-4127) (-)

Ion 144.80 (144.50 to 145.50): VN049771.D (-4127) (-)

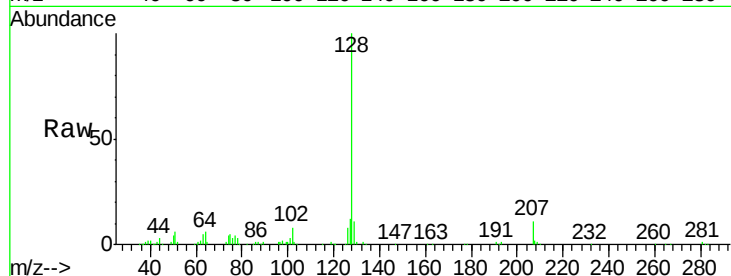




#95
 Naphthalene
 Concen: 8.93 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN049835.D
 Acq: 14 Jul 2018 8:32

Instrument :
 MSVOA_N
 ClientSampleId :
 CS-STONE

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.6	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

