

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042519\
 Data File : VN055244.D
 Acq On : 25 Apr 2019 14:18
 Operator : JC/SP
 Sample : K2203-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-042419-B

Quant Time: Apr 26 02:18:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	398676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	697082	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	638756	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	196215	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	274368	50.84	ug/l	0.00
Spiked Amount			Recovery	=	101.68%	
35) Dibromofluoromethane	7.59	113	224067	47.32	ug/l	0.00
Spiked Amount			Recovery	=	94.64%	
50) Toluene-d8	10.09	98	864729	49.28	ug/l	0.00
Spiked Amount			Recovery	=	98.56%	
62) 4-Bromofluorobenzene	12.40	95	277316	49.91	ug/l	0.00
Spiked Amount			Recovery	=	99.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.62	56	224	9.965	ug/l #	30
14) Allyl chloride	4.55	41	51077	6.299	ug/l #	26
16) Acetone	3.82	43	12487	7.000	ug/l	96
17) Carbon Disulfide	4.06	76	4117	0.359	ug/l #	85
18) Methyl Acetate	4.34	43	7895	0.954	ug/l #	73
20) Methylene Chloride	4.55	84	1071245	208.886	ug/l	99
25) 2-Butanone	6.85	43	1371	0.595	ug/l #	53
29) Tetrahydrofuran	7.21	42	724	0.511	ug/l #	39
30) Chloroform	7.38	83	3556	0.430	ug/l	100
31) Cyclohexane	7.66	56	8986	Below Cal	#	5
36) 1,1-Dichloropropene	7.67	75	31467	4.864	ug/l #	50
38) Carbon Tetrachloride	7.67	117	38234	6.311	ug/l #	16
43) Isopropyl Acetate	8.17	43	20199	2.389	ug/l #	85
45) 1,2-Dichloropropane	9.27	63	1464	0.260	ug/l #	45
48) Methyl methacrylate	9.18	41	7030	1.714	ug/l #	15
49) 1,4-Dioxane	9.27	88	30	0.633	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	4806	0.988	ug/l	96
54) cis-1,3-Dichloropropene	9.90	75	51508	7.000	ug/l #	71
57) 1,3-Dichloropropane	10.76	76	10107	1.346	ug/l #	44
59) 2-Hexanone	10.76	43	176315	57.371	ug/l #	54
71) Bromoform	12.40	173	2552	0.885	ug/l #	1
73) Isopropylbenzene	12.25	105	694	Below Cal	#	57
74) N-ethyl acetate	11.88	43	16452	3.252	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	12.50	83	128	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	140993	35.419	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	6065	0.413	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.40	75	140993	134.269	ug/l #	5
83) tert-Butylbenzene	12.99	119	352	Below Cal	#	45
84) 1,2,4-Trimethylbenzene	13.04	105	5586	0.403	ug/l	84
93) 1,2,4-Trichlorobenzene	14.91	180	166	2.792	ug/l #	32
94) Hexachlorobutadiene	15.01	225	208	Below Cal	#	18
95) Naphthalene	15.13	128	6700	4.381	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.32	180	447	2.273	ug/l	90

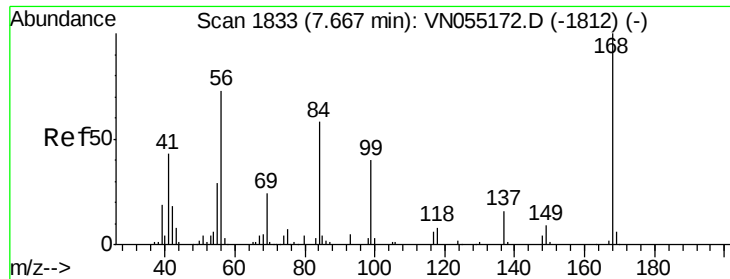
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042519\
Data File : VN055244.D
Acq On : 25 Apr 2019 14:18
Operator : JC/SP
Sample : K2203-20
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SU-03-042419-B

Quant Time: Apr 26 02:18:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:52:53 2019
Response via : Initial Calibration

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

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055244.D

Acq: 25 Apr 2019 14:18

Instrument :

MSVOA_N

ClientSampleId :

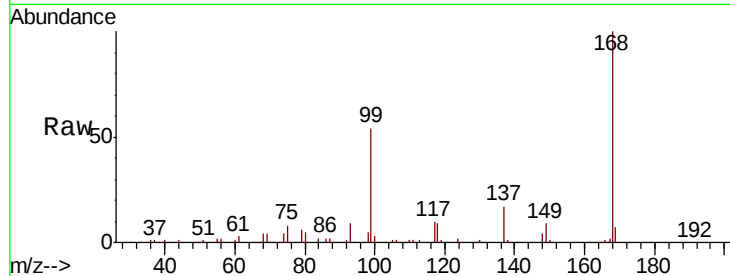
SU-03-042419-B

Tot Ion:168 Resp: 398676

Ion Ratio Lower Upper

168 100

99 54.4 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VN055172.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055172.D (-1812) (-)

7.67

150000

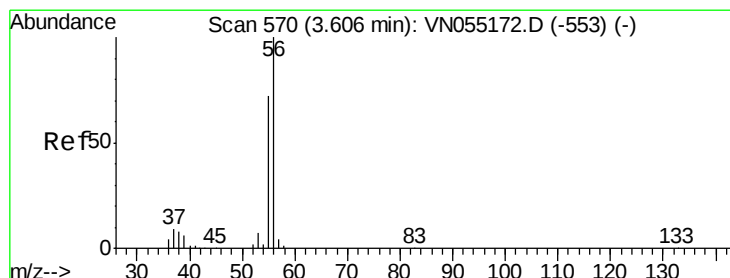
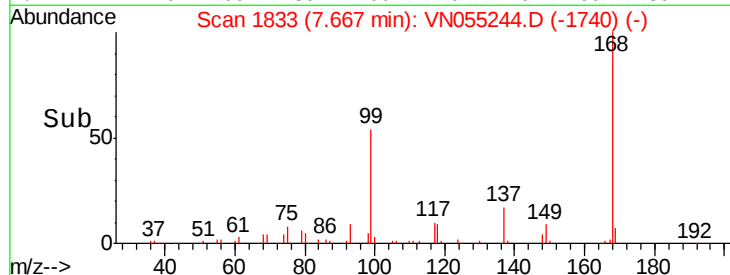
100000

50000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#13

Acrolein

Concen: 9.965 ug/l

RT: 3.62 min Scan# 573

Delta R.T. 0.01 min

Lab File: VN055244.D

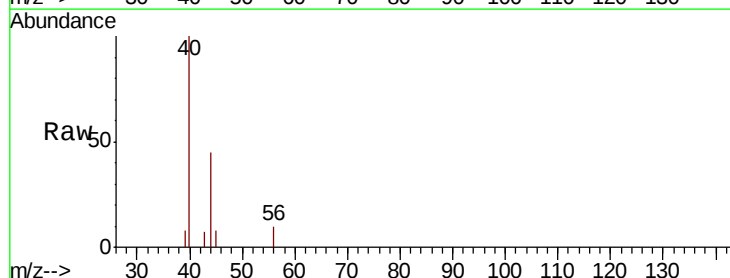
Acq: 25 Apr 2019 14:18

Tgt Ion: 56 Resp: 224

Ion Ratio Lower Upper

56 100

55 13.8 57.4 86.0#



Abundance Ion 56.00 (55.70 to 56.70): VN055172.D (-553) (-)

Ion 55.00 (54.70 to 55.70): VN055172.D (-553) (-)

3.62

250

200

150

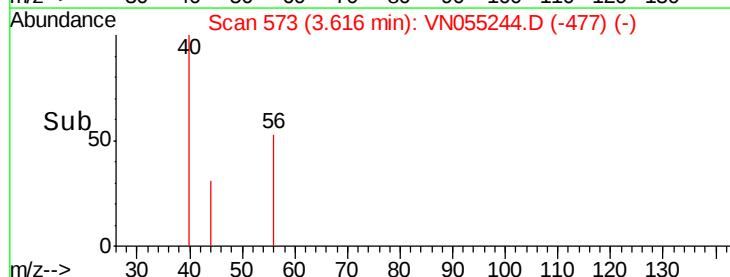
100

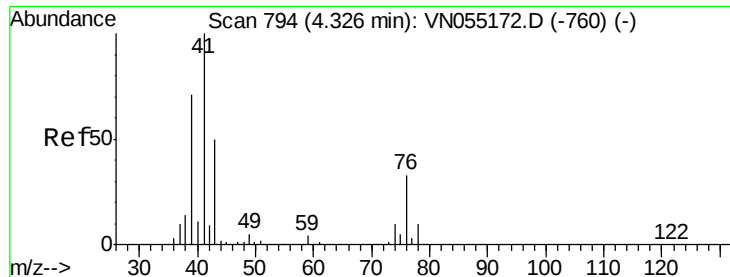
50

0

3.60 3.62 3.64

Time-->

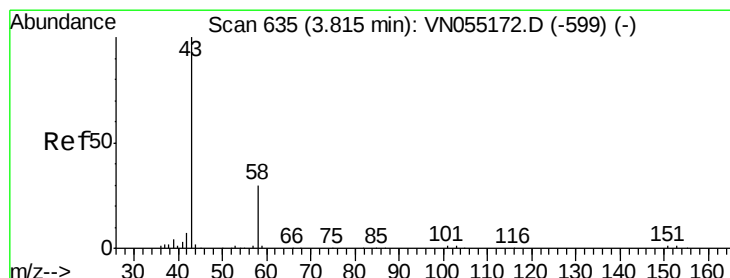
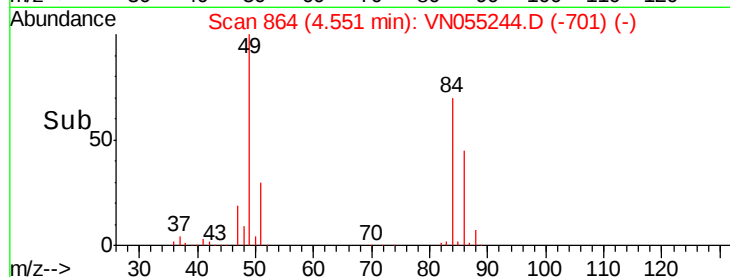
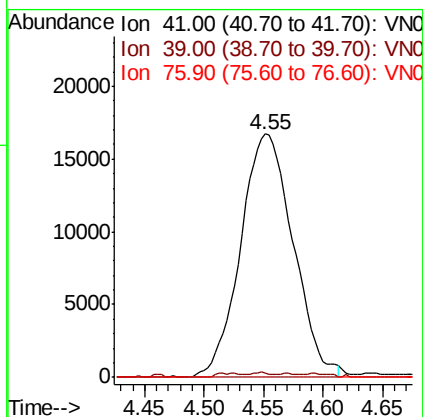
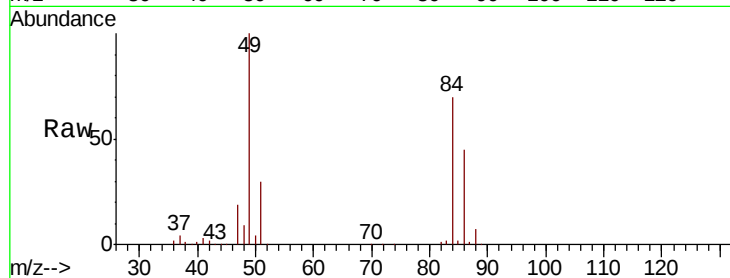




#14
Allvl chloride
Concen: 6.299 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.23 min
Lab File: VN055244.D
Acq: 25 Apr 2019 14:18

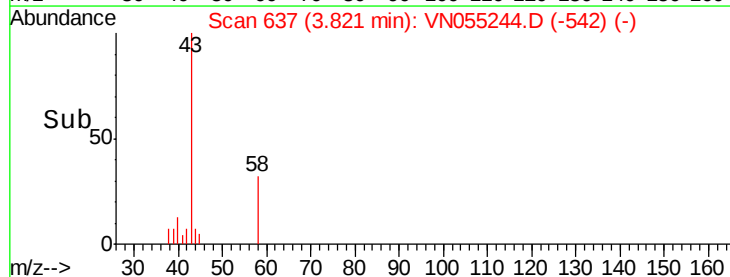
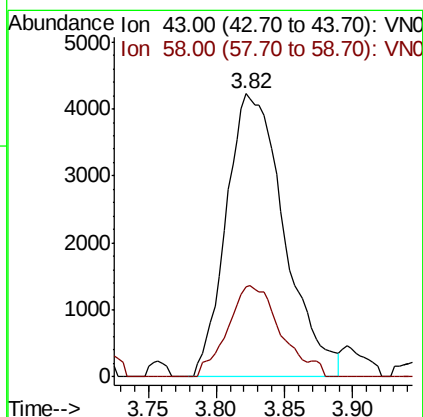
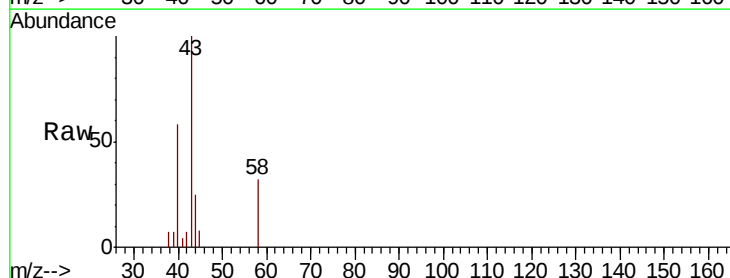
Instrument :
MSVOA_N
ClientSampleId :
SU-03-042419-B

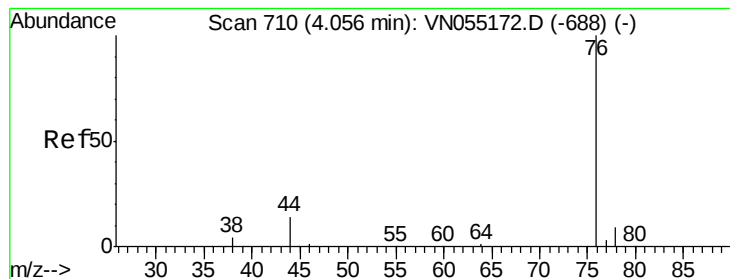
Tot Ion: 41 Resp: 51077
Ion Ratio Lower Upper
41 100
39 0.3 52.9 79.3#
76 0.0 23.6 35.4#



#16
Acetone
Concen: 7.000 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.01 min
Lab File: VN055244.D
Acq: 25 Apr 2019 14:18

Tgt Ion: 43 Resp: 12487
Ion Ratio Lower Upper
43 100
58 31.9 23.8 35.8





#17

Carbon Disulfide

Concen: 0.359 ug/l

RT: 4.06 min Scan# 710

Delta R.T. 0.00 min

Lab File: VN055244.D

Acq: 25 Apr 2019 14:18

Instrument :

MSVOA_N

ClientSampleId :

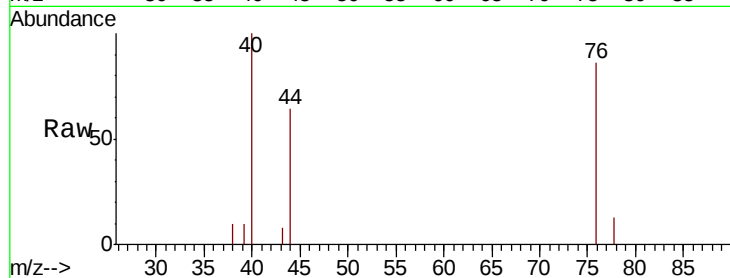
SU-03-042419-B

Tot Ion: 76 Resp: 4117

Ion Ratio Lower Upper

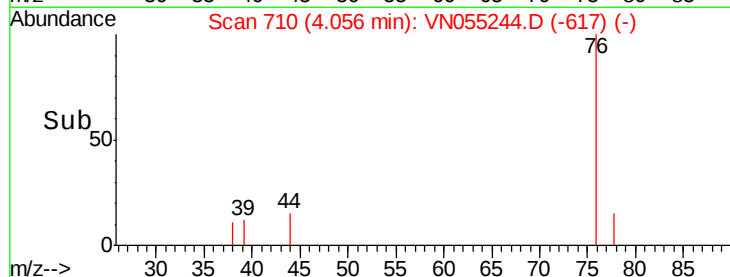
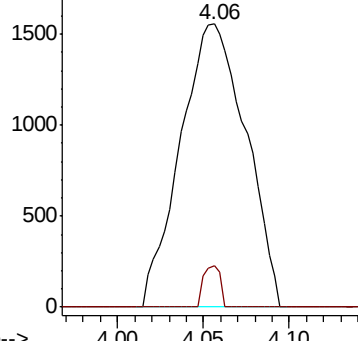
76 100

78 14.7 7.3 10.9#

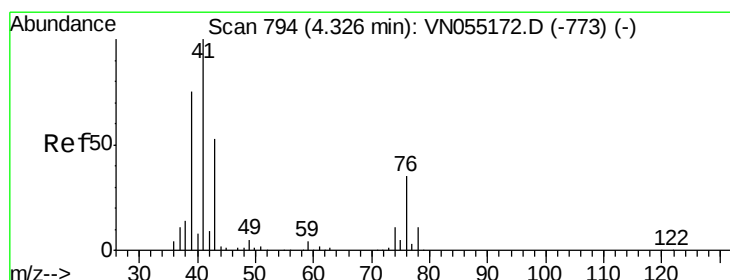


Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



Time-->



#18

Methyl Acetate

Concen: 0.954 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN055244.D

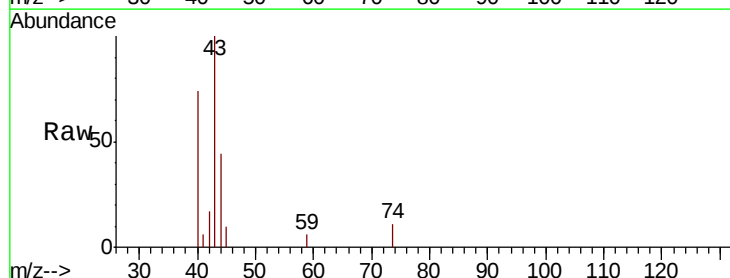
Acq: 25 Apr 2019 14:18

Tgt Ion: 43 Resp: 7895

Ion Ratio Lower Upper

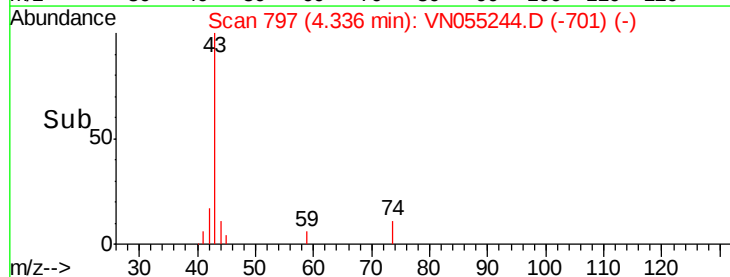
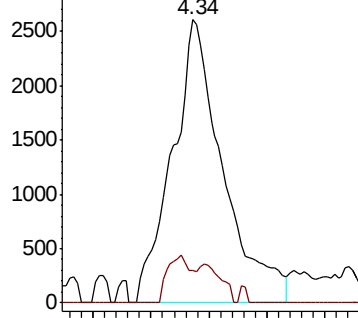
43 100

74 8.3 16.7 25.1#

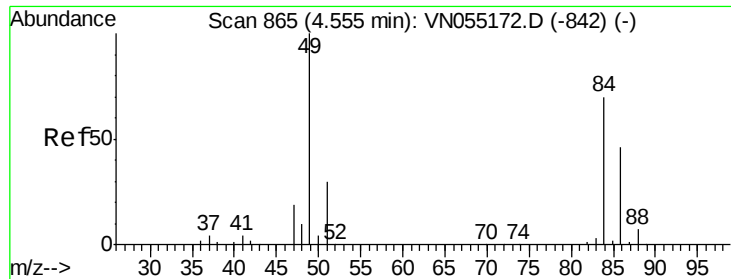


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



Time-->

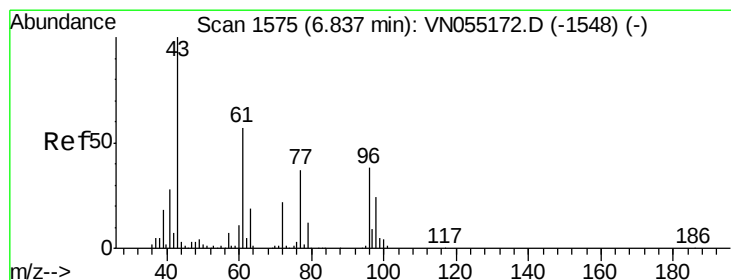
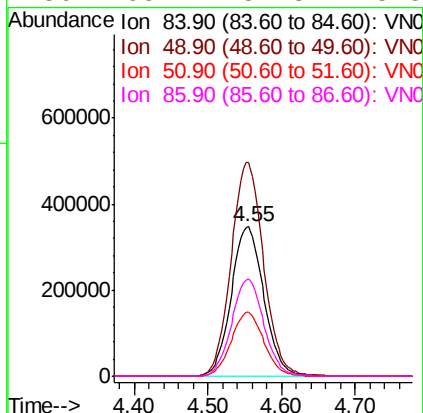
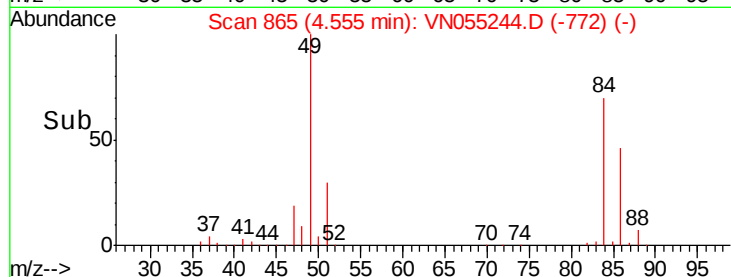
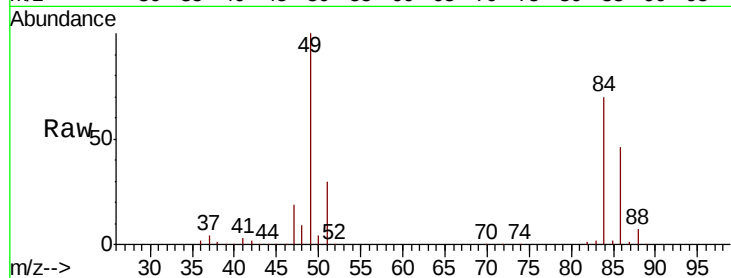


#20
Methvlene Chloride
Concen: 208.886 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055244.D
Acq: 25 Apr 2019 14:18

Instrument :
MSVOA_N
ClientSampleId :
SU-03-042419-B

Tot Ion: 84 Resp: 1071245

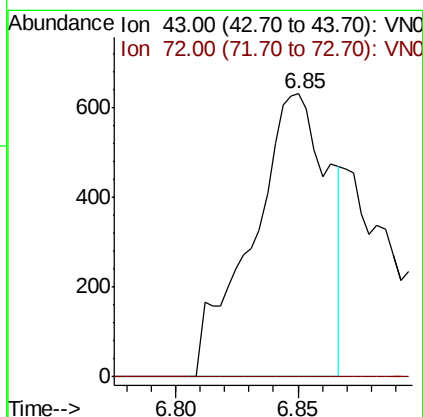
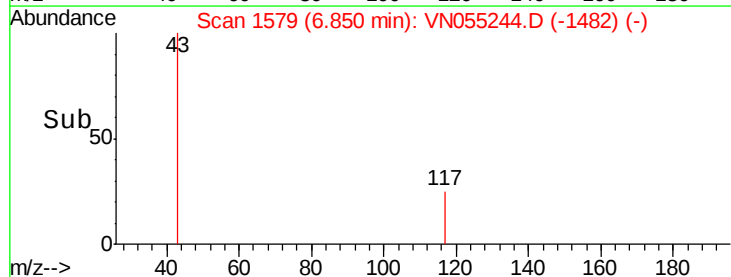
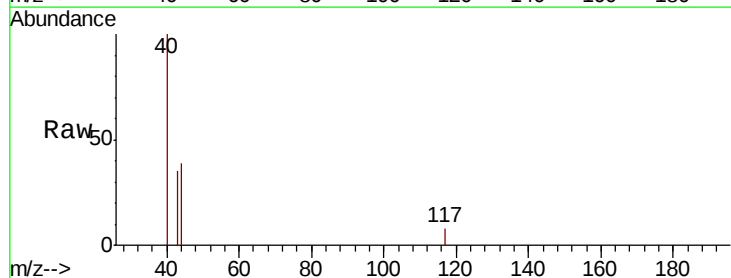
Ion	Ratio	Lower	Upper
84	100		
49	142.8	113.8	170.6
51	43.2	34.0	51.0
86	65.2	52.3	78.5

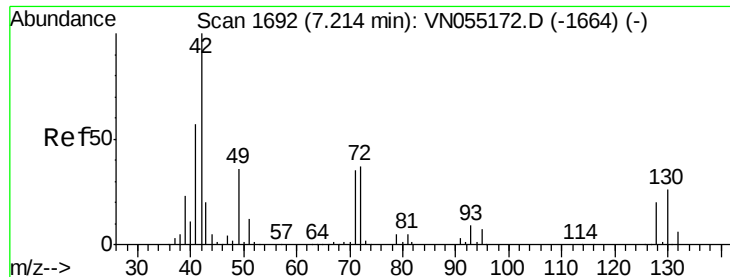


#25
2-Butanone
Concen: 0.595 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VN055244.D
Acq: 25 Apr 2019 14:18

Tgt Ion: 43 Resp: 1371

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.8	26.8#





#29

Tetrahydrofuran

Concen: 0.511 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VN055244.D

Acq: 25 Apr 2019 14:18

Instrument :

MSVOA_N

ClientSampleId :

SU-03-042419-B

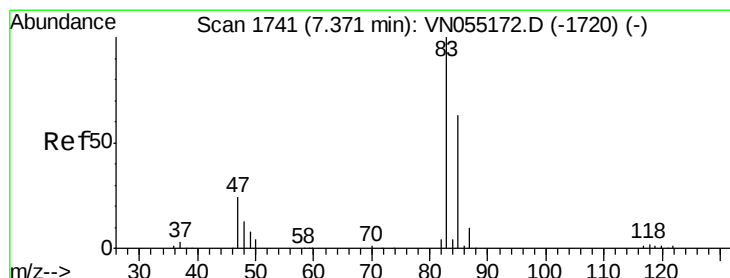
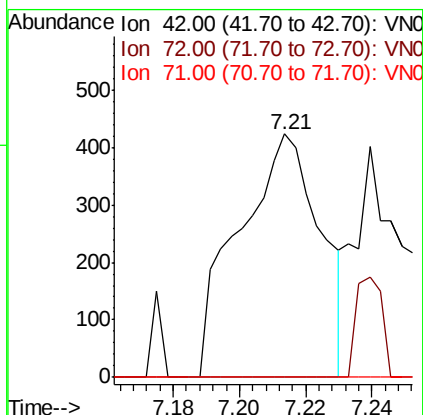
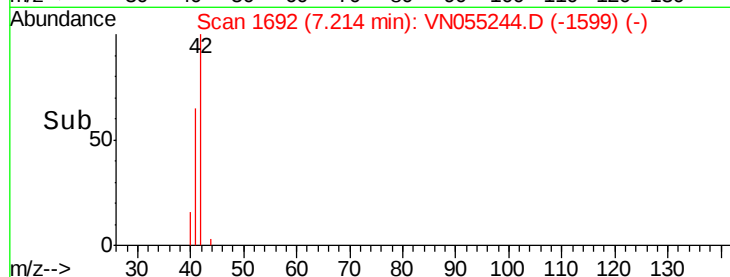
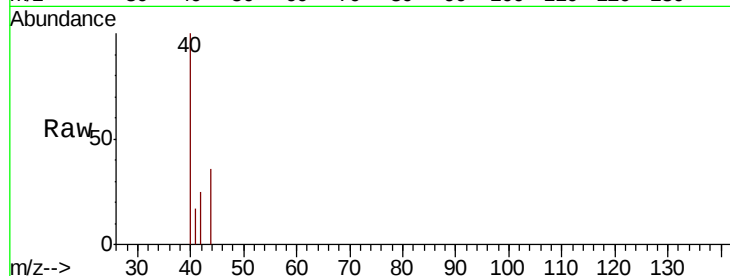
Tot Ion: 42 Resp: 724

Ion Ratio Lower Upper

42 100

72 0.0 29.4 44.2#

71 0.0 27.8 41.8#



#30

Chloroform

Concen: 0.430 ug/l

RT: 7.38 min Scan# 1744

Delta R.T. 0.01 min

Lab File: VN055244.D

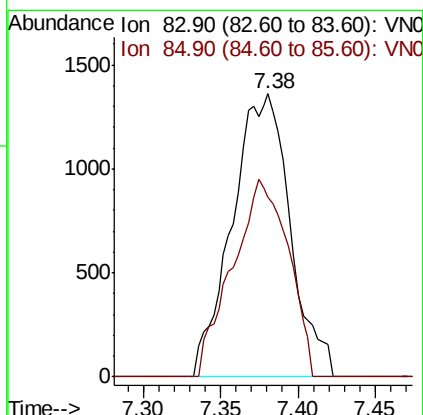
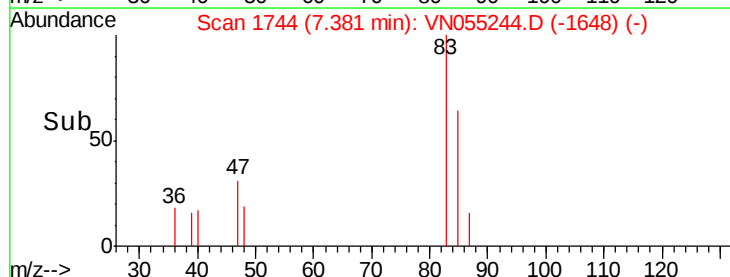
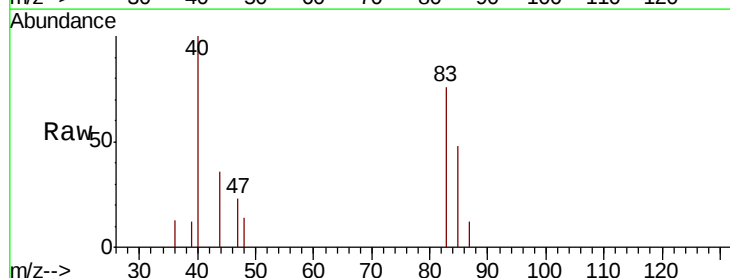
Acq: 25 Apr 2019 14:18

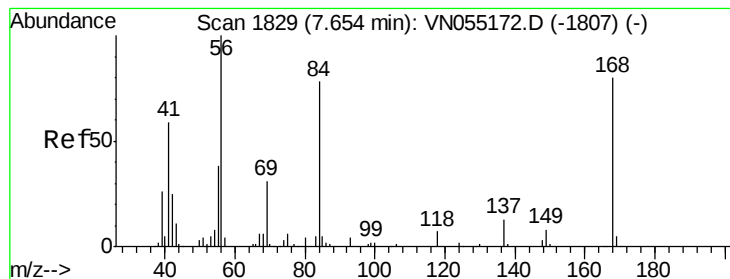
Tgt Ion: 83 Resp: 3556

Ion Ratio Lower Upper

83 100

85 63.6 50.6 76.0





#31

Cyclohexane

Concen: Below Cal

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN055244.D

Acq: 25 Apr 2019 14:18

Instrument :

MSVOA_N

ClientSampled :

SU-03-042419-B

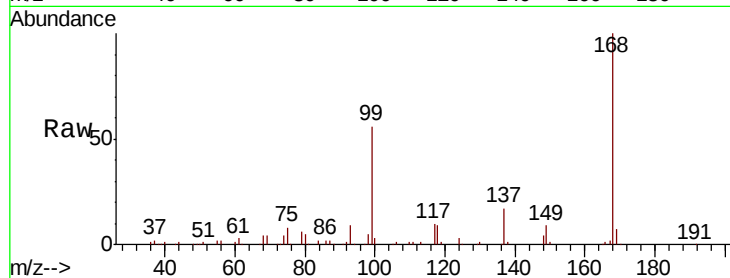
Tot Ion: 56 Resp: 8986

Ion Ratio Lower Upper

56 100

69 163.8 24.6 37.0#

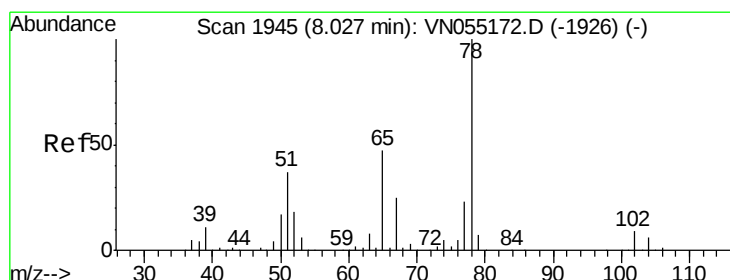
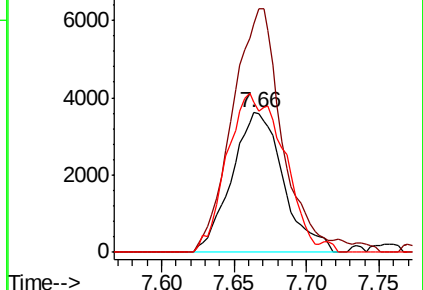
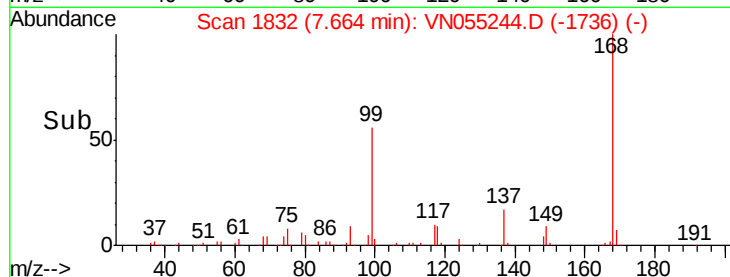
84 107.7 61.4 92.2#



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: 50.845 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055244.D

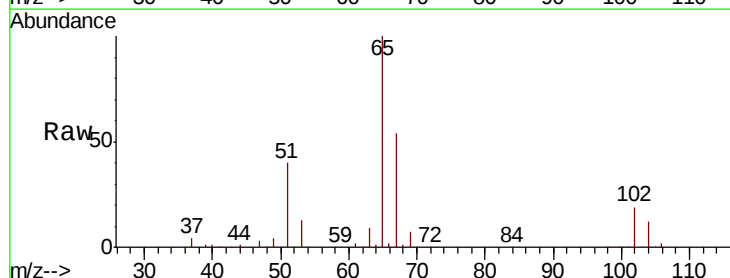
Acq: 25 Apr 2019 14:18

Tgt Ion: 65 Resp: 274368

Ion Ratio Lower Upper

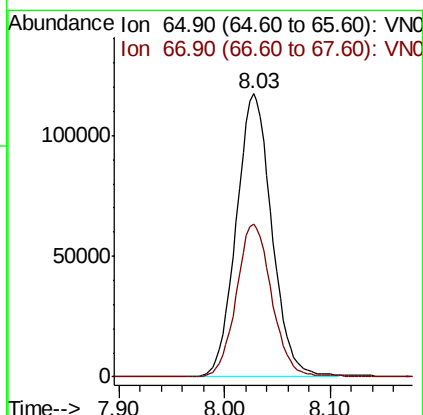
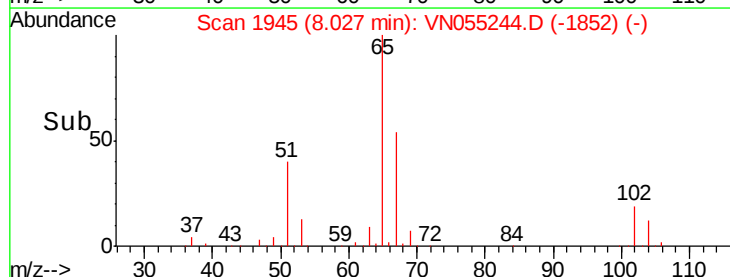
65 100

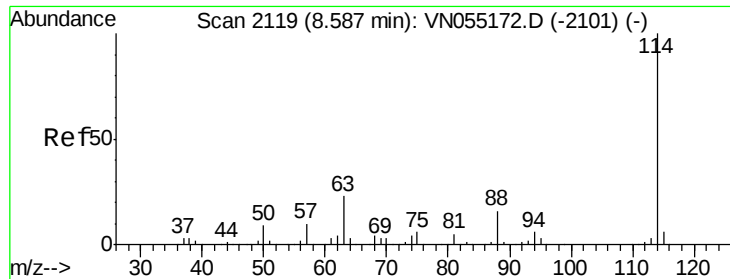
67 54.0 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

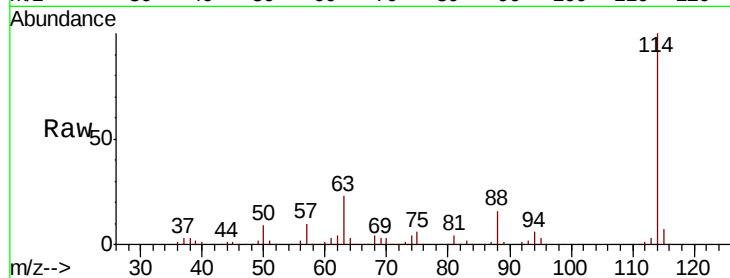




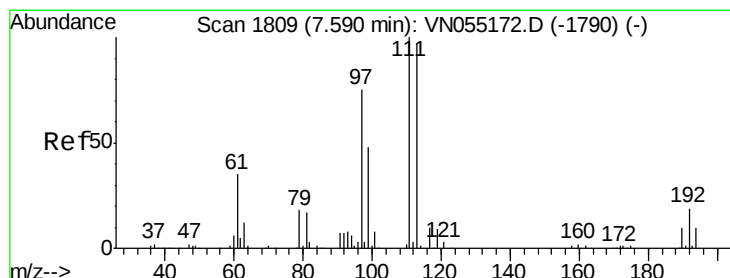
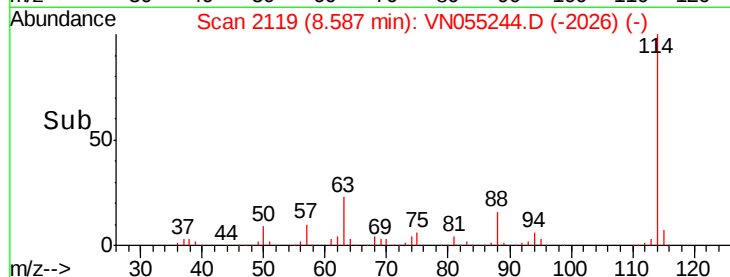
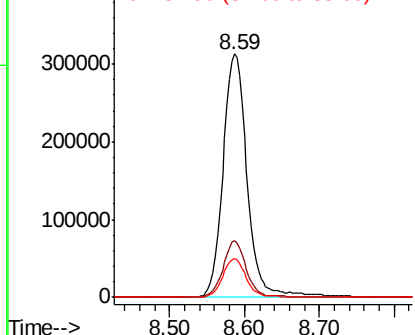
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055244.D
 Acq: 25 Apr 2019 14:18

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-042419-B

Tot Ion:114 Resp: 697082
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 45.2
 88 16.1 0.0 32.8

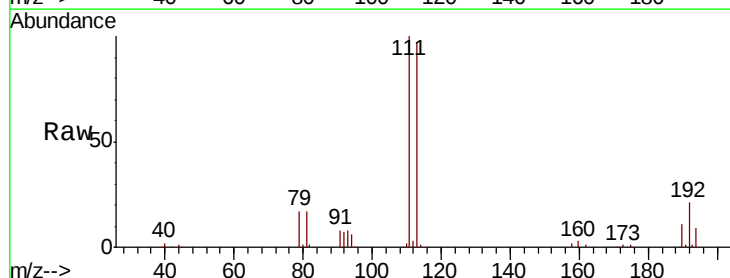


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

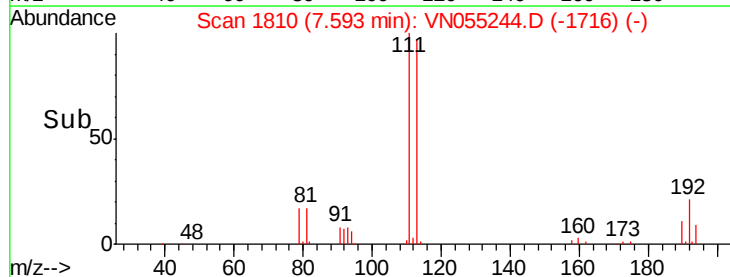
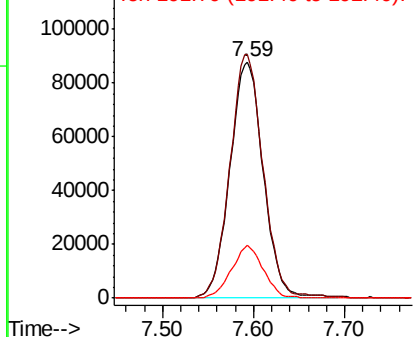


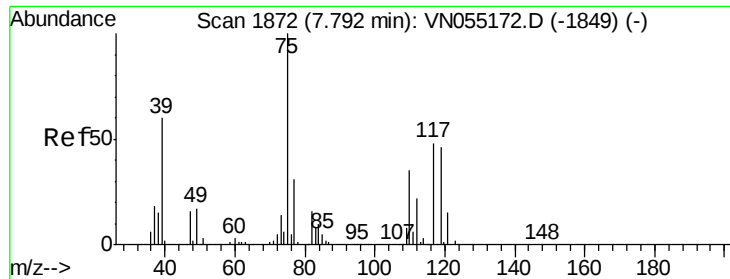
#35
 Dibromofluoromethane
 Concen: 47.315 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055244.D
 Acq: 25 Apr 2019 14:18

Tgt Ion:113 Resp: 224067
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.0 121.4
 192 21.0 16.2 24.4



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

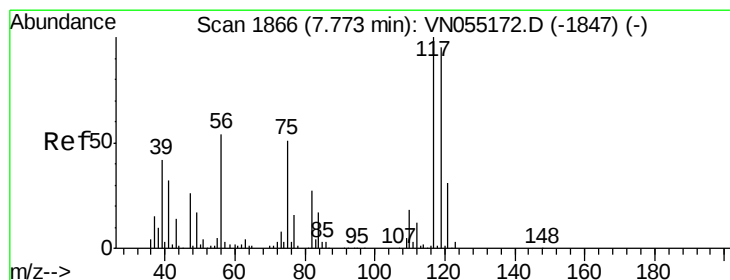
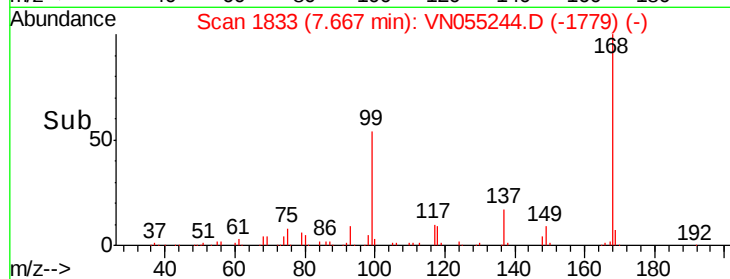
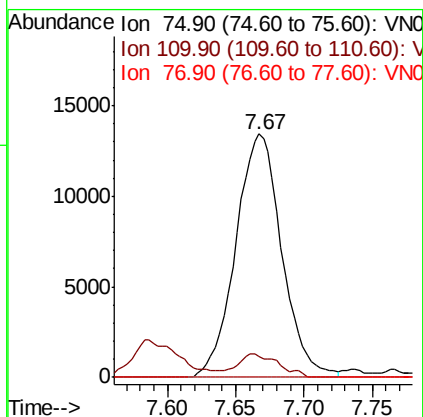
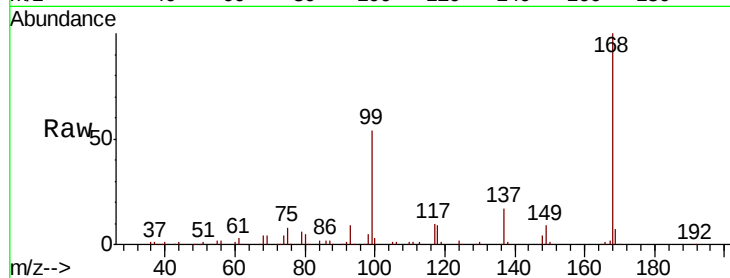




#36
 1,1-Dichloropropene
 Concen: 4.864 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN055244.D
 Acq: 25 Apr 2019 14:18

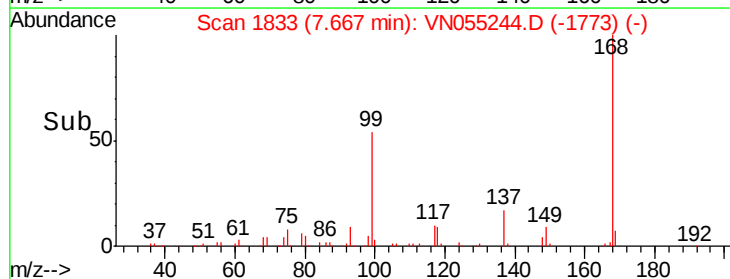
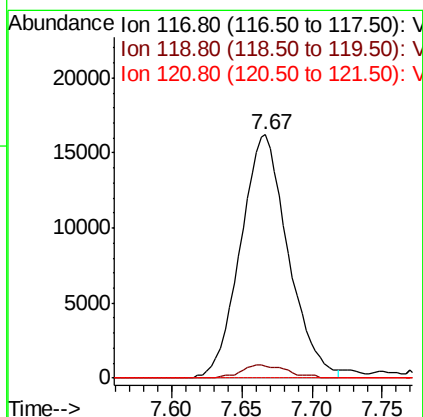
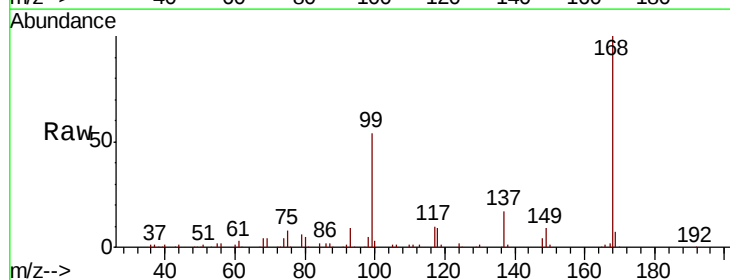
Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-042419-B

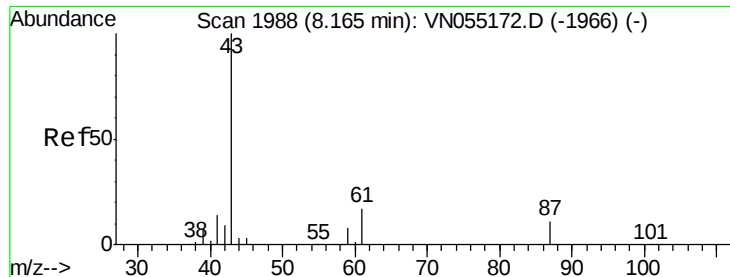
Tot Ion	75	Resp	31467
Ion Ratio	100	Lower	Upper
75	100		
110	8.7	17.1	51.2#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 6.311 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN055244.D
 Acq: 25 Apr 2019 14:18

Tgt Ion	117	Resp	38234
Ion Ratio	100	Lower	Upper
117	100		
119	5.0	76.0	114.0#
121	0.0	24.6	36.8#





#43

Isopropyl Acetate

Concen: 2.389 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN055244.D

Acq: 25 Apr 2019 14:18

Instrument :

MSVOA_N

ClientSampleId :

SU-03-042419-B

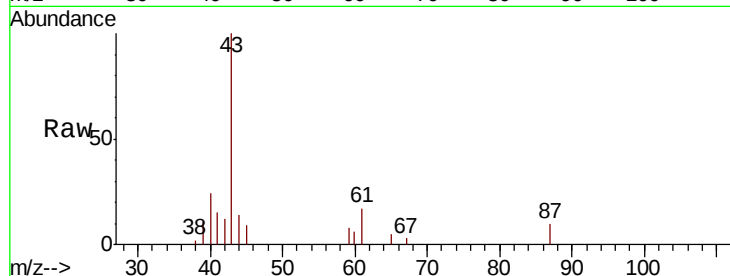
Tot Ion: 43 Resp: 20199

Ion Ratio Lower Upper

43 100

61 17.2 20.6 30.8#

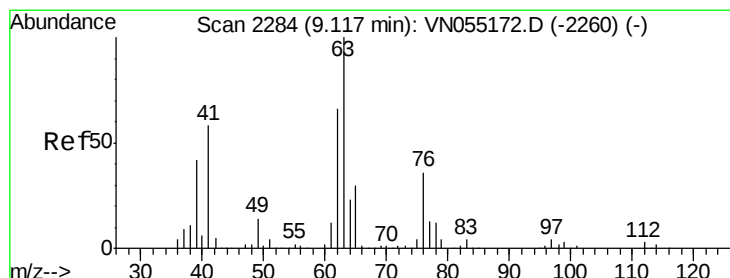
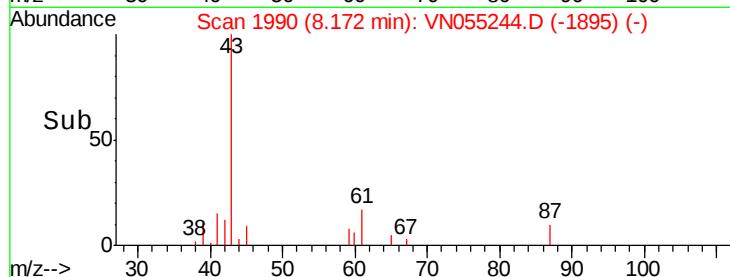
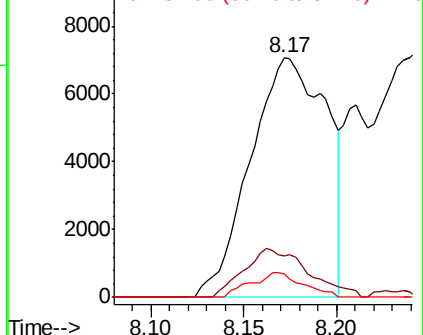
87 7.0 8.8 13.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.260 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN055244.D

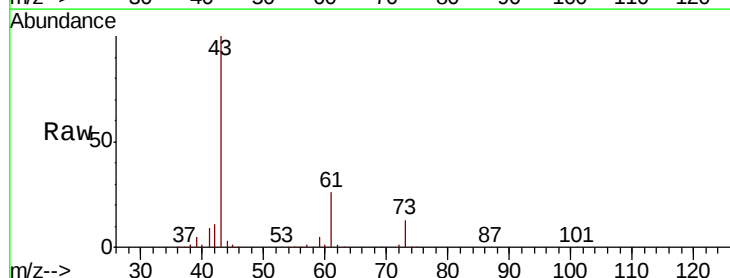
Acq: 25 Apr 2019 14:18

Tgt Ion: 63 Resp: 1464

Ion Ratio Lower Upper

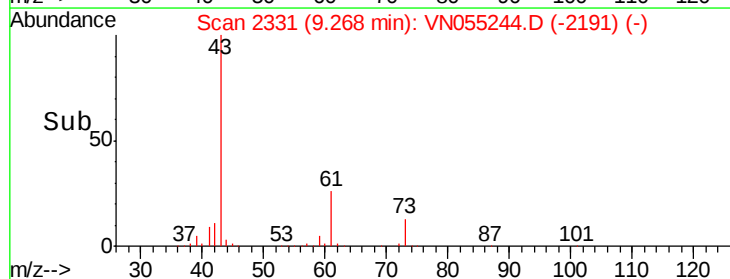
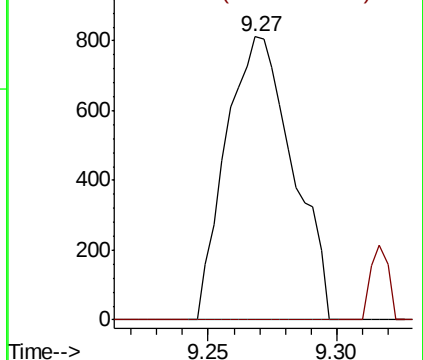
63 100

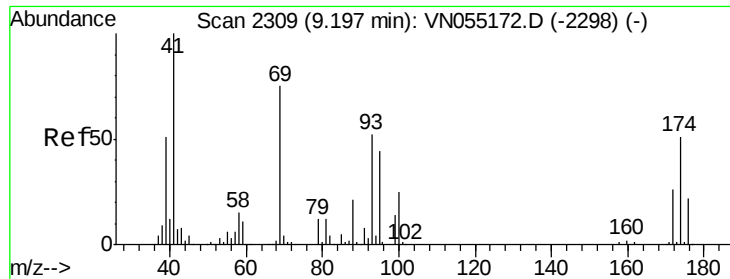
65 0.0 23.8 35.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

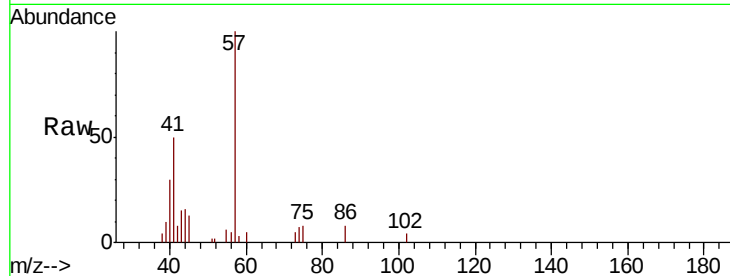




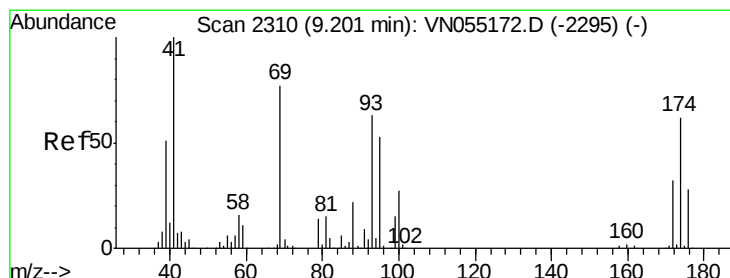
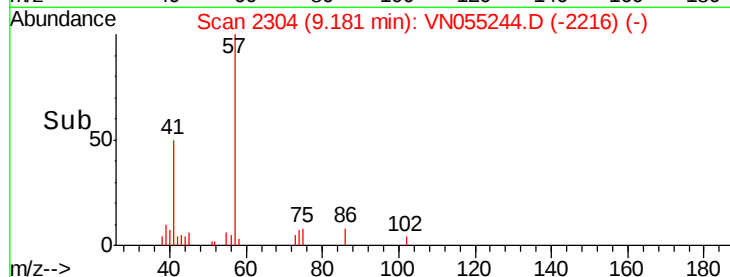
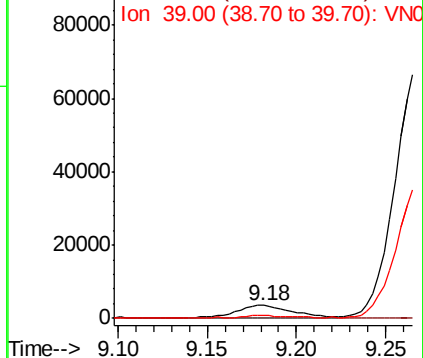
#48
Methvl methacrylate
Concen: 1.714 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN055244.D
Acq: 25 Apr 2019 14:18

Instrument :
MSVOA_N
ClientSampled :
SU-03-042419-B

Tot Ion: 41 Resp: 7030
Ion Ratio Lower Upper
41 100
69 0.0 63.6 95.4#
39 0.0 43.8 65.8#

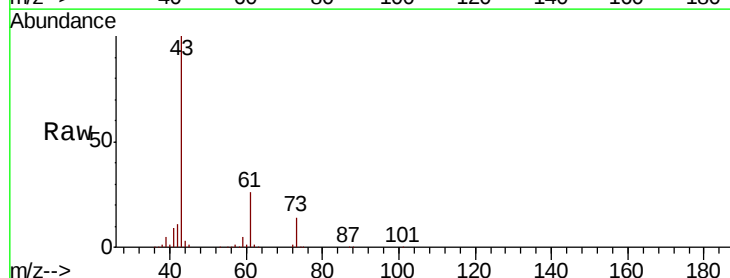


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

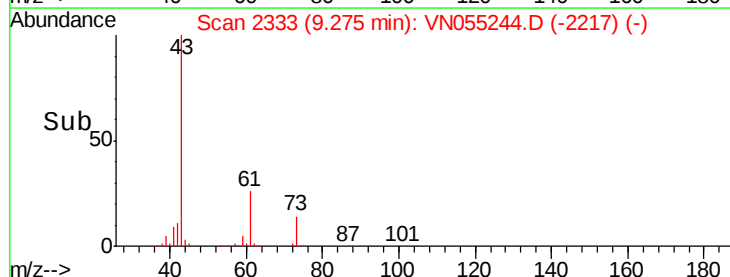
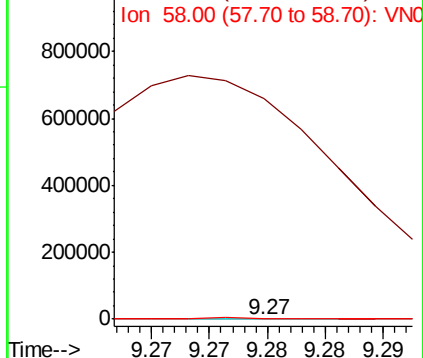


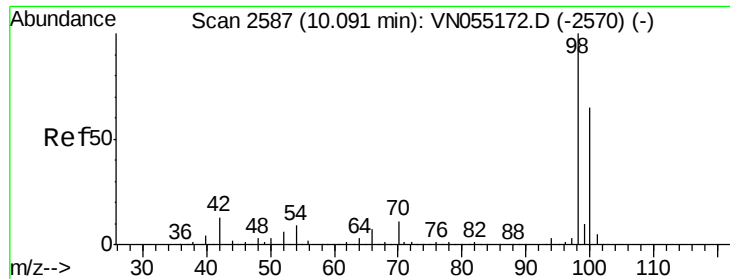
#49
1,4-Dioxane
Concen: 0.633 ug/l
RT: 9.27 min Scan# 2333
Delta R.T. 0.07 min
Lab File: VN055244.D
Acq: 25 Apr 2019 14:18

Tgt Ion: 88 Resp: 30
Ion Ratio Lower Upper
88 100
43 4612913.3 32.0 48.0#
58 19913.3 60.4 90.6#



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





#50

Toluene-d8

Concen: 49.283 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055244.D

Acq: 25 Apr 2019 14:18

Instrument :

MSVOA_N

ClientSampleId :

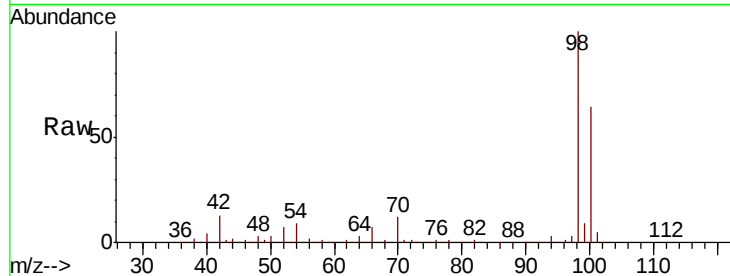
SU-03-042419-B

Tot Ion: 98 Resp: 864729

Ion Ratio Lower Upper

98 100

100 64.5 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VN055172.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055172.D (-2570) (-)

10.09

400000

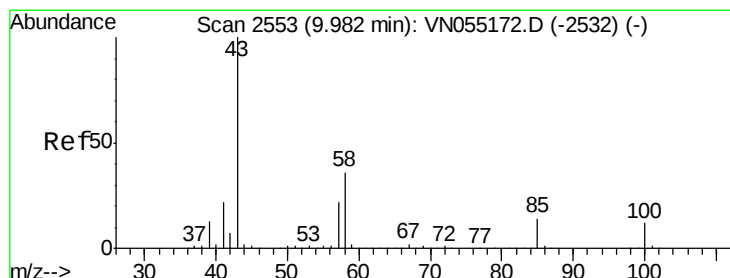
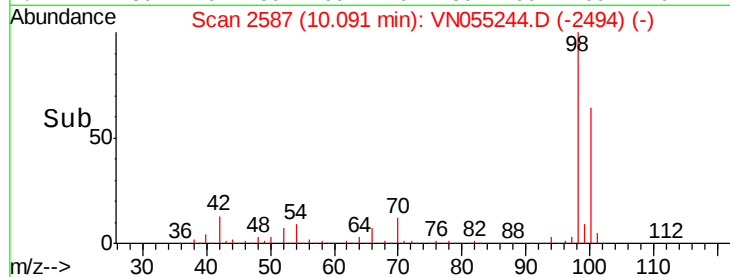
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.988 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055244.D

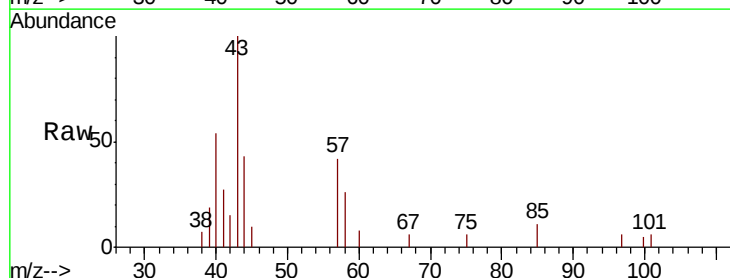
Acq: 25 Apr 2019 14:18

Tgt Ion: 43 Resp: 4806

Ion Ratio Lower Upper

43 100

58 32.8 28.3 42.5



Abundance Ion 43.00 (42.70 to 43.70): VN055172.D (-2532) (-)

Ion 58.00 (57.70 to 58.70): VN055172.D (-2532) (-)

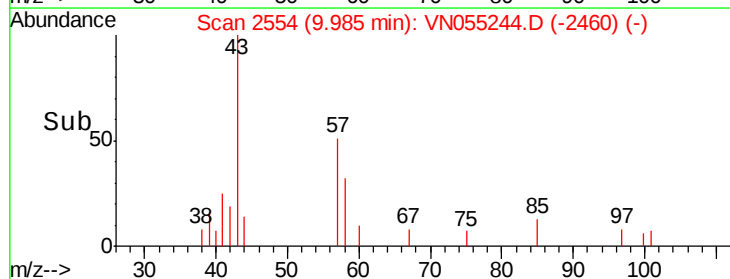
15000

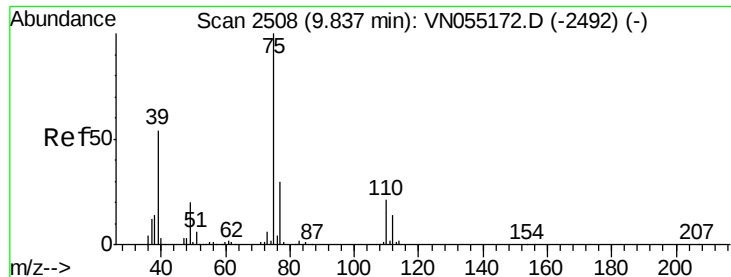
10000

5000

0

Time-->





#54

cis-1,3-Dichloropropene

Concen: 7.000 ug/l

RT: 9.90 min Scan# 2528

Delta R.T. 0.06 min

Lab File: VN055244.D

Acq: 25 Apr 2019 14:18

Instrument :

MSVOA_N

ClientSampleId :

SU-03-042419-B

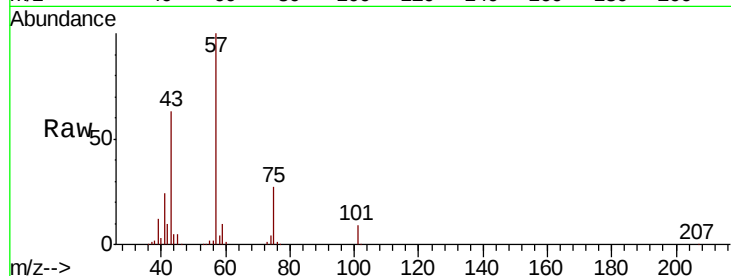
Tot Ion: 75 Resp: 51508

Ion Ratio Lower Upper

75 100

77 0.7 24.3 36.5#

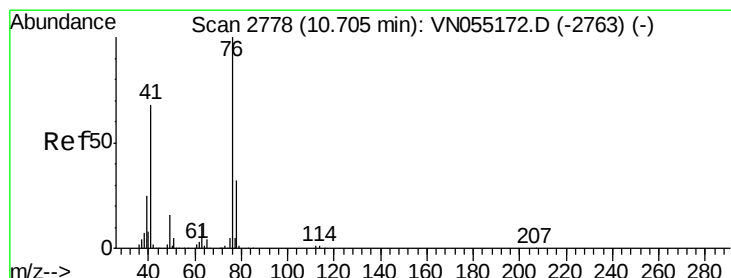
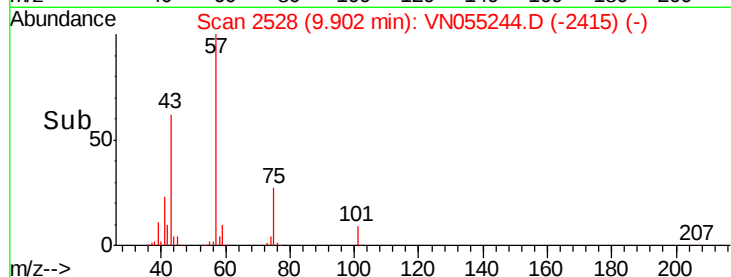
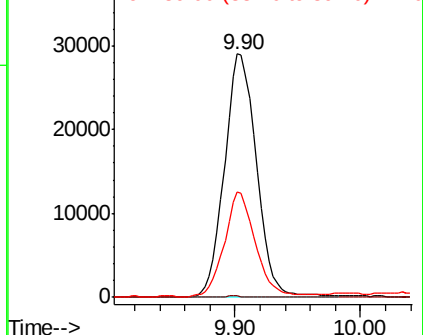
39 43.3 43.0 64.4



Abundance Ion 74.90 (74.60 to 75.60): VN055172.D (-2492) (-)

Ion 76.90 (76.60 to 77.60): VN055172.D (-2492) (-)

Ion 39.00 (38.70 to 39.70): VN055172.D (-2492) (-)



#57

1,3-Dichloropropane

Concen: 1.346 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN055244.D

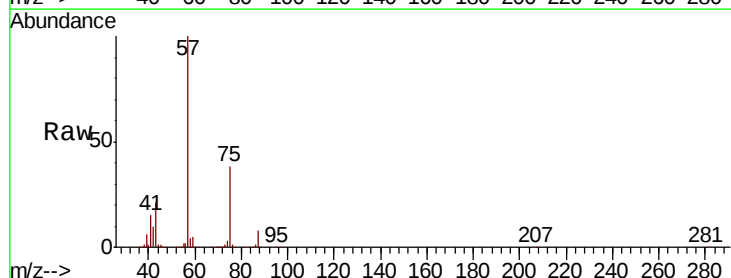
Acq: 25 Apr 2019 14:18

Tgt Ion: 76 Resp: 10107

Ion Ratio Lower Upper

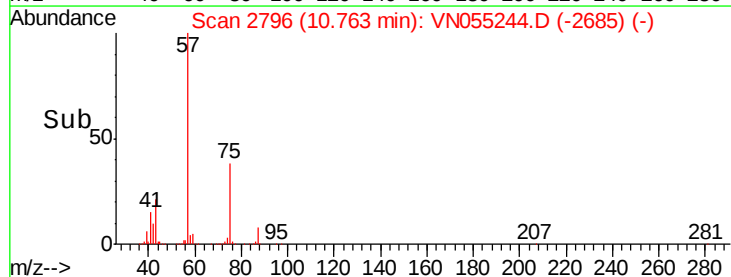
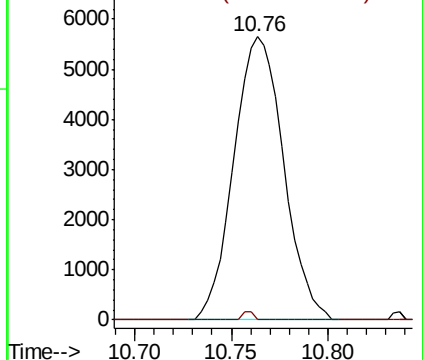
76 100

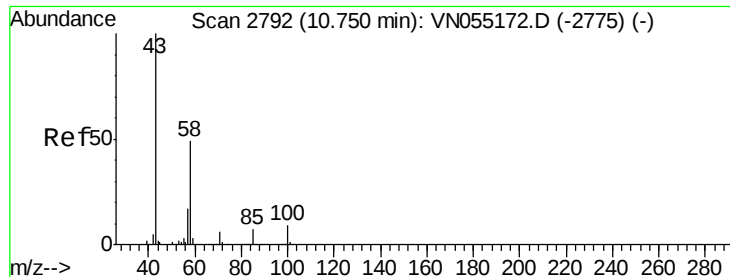
78 0.6 25.3 37.9#



Abundance Ion 75.90 (75.60 to 76.60): VN055172.D (-2763) (-)

Ion 77.90 (77.60 to 78.60): VN055172.D (-2763) (-)

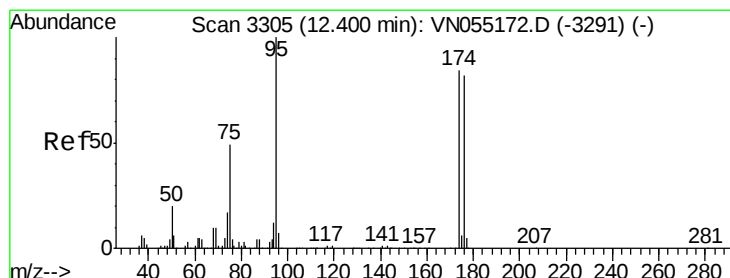
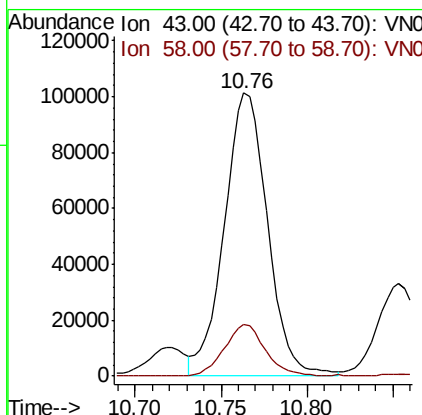
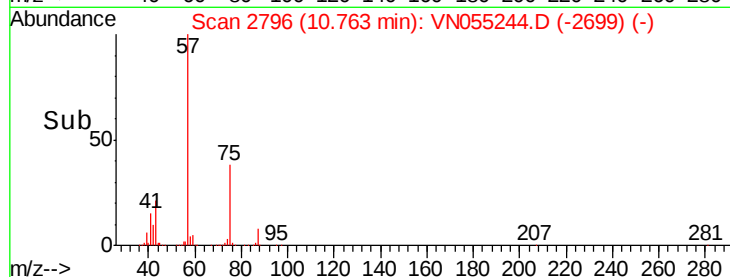
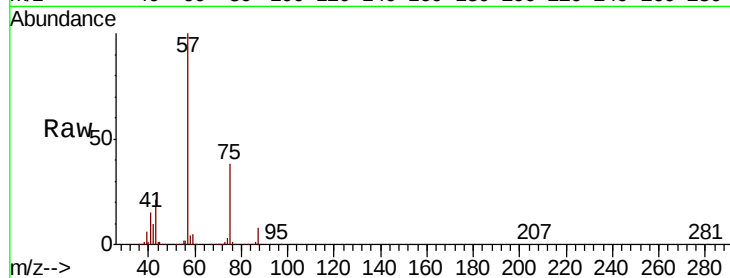




#59
2-Hexanone
Concen: 57.371 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN055244.D
Acq: 25 Apr 2019 14:18

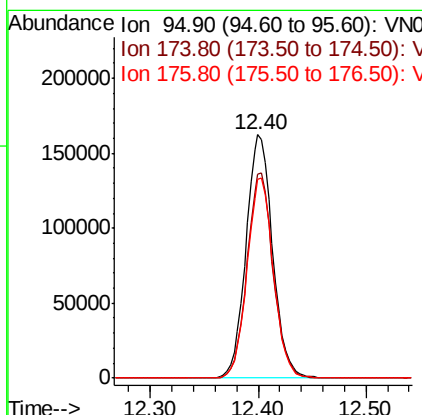
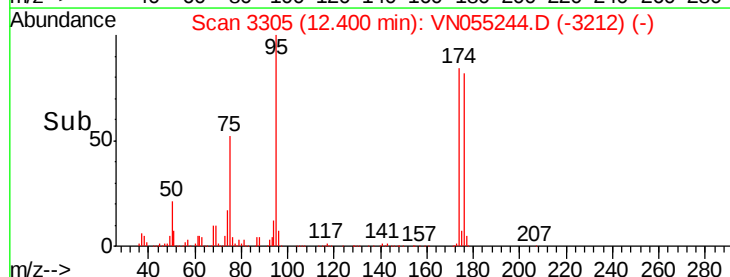
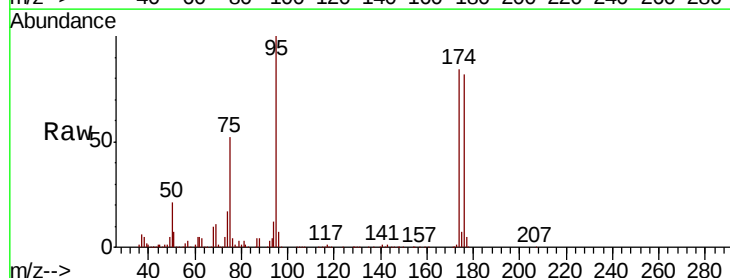
Instrument :
MSVOA_N
ClientSampleId :
SU-03-042419-B

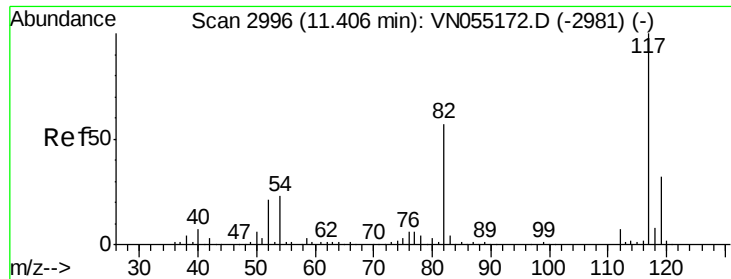
Tot Ion: 43 Resp: 176315
Ion Ratio Lower Upper
43 100
58 17.5 24.5 73.5#



#62
4-Bromofluorobenzene
Concen: 49.909 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055244.D
Acq: 25 Apr 2019 14:18

Tgt Ion: 95 Resp: 277316
Ion Ratio Lower Upper
95 100
174 82.9 0.0 168.4
176 81.4 0.0 164.0

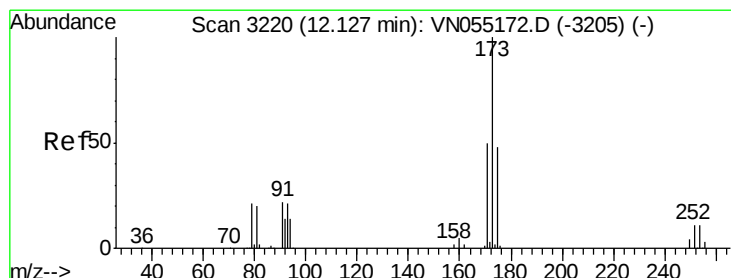
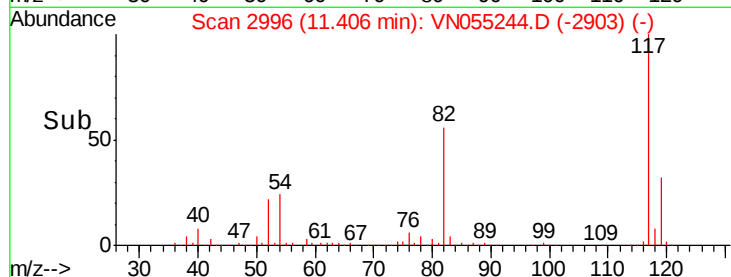
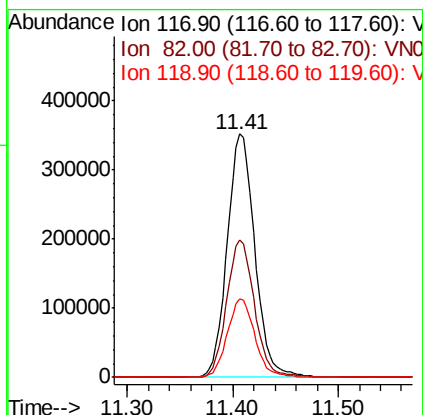
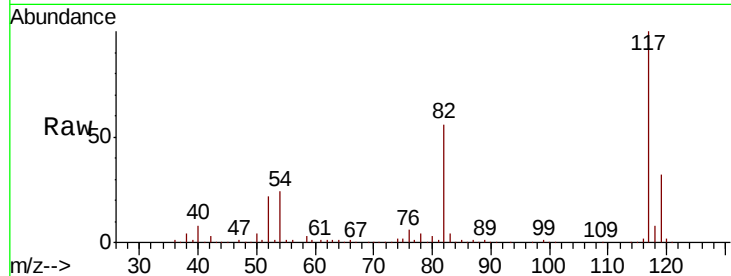




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055244.D
Acq: 25 Apr 2019 14:18

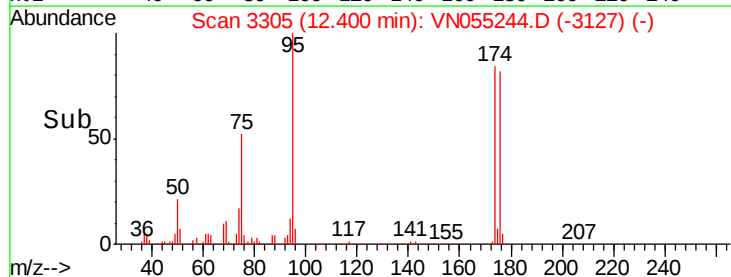
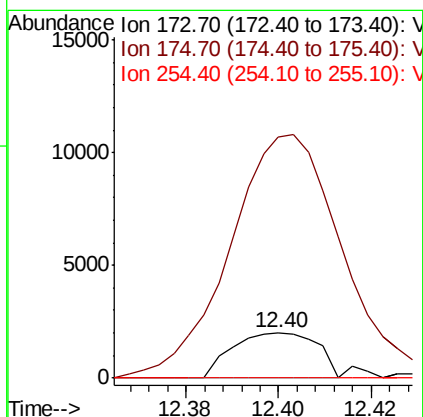
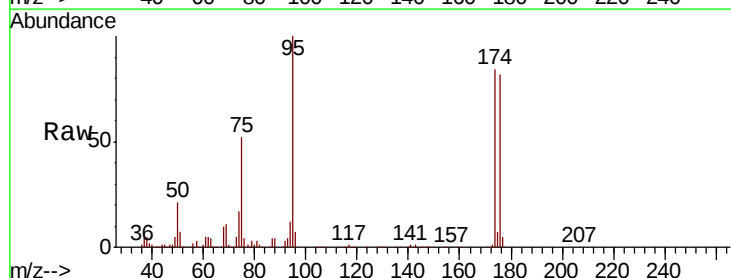
Instrument :
MSVOA_N
ClientSampleId :
SU-03-042419-B

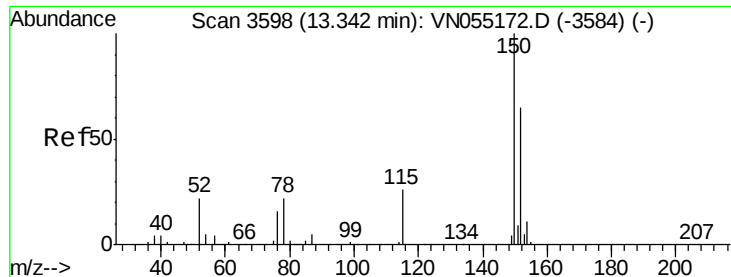
Tot Ion:117 Resp: 638756
Ion Ratio Lower Upper
117 100
82 56.2 45.7 68.5
119 32.2 25.4 38.2



#71
Bromoform
Concen: 0.885 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN055244.D
Acq: 25 Apr 2019 14:18

Tgt Ion:173 Resp: 2552
Ion Ratio Lower Upper
173 100
175 619.2 23.8 71.2#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055244.D

Acq: 25 Apr 2019 14:18

Instrument :

MSVOA_N

ClientSampleId :

SU-03-042419-B

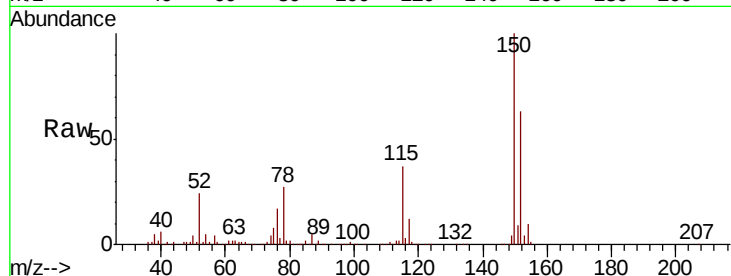
Tot Ion:152 Resp: 196215

Ion Ratio Lower Upper

152 100

115 57.2 28.9 86.7

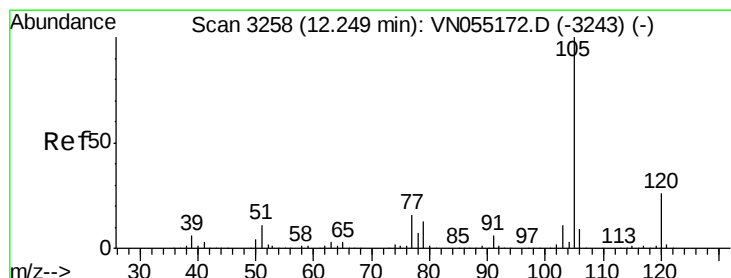
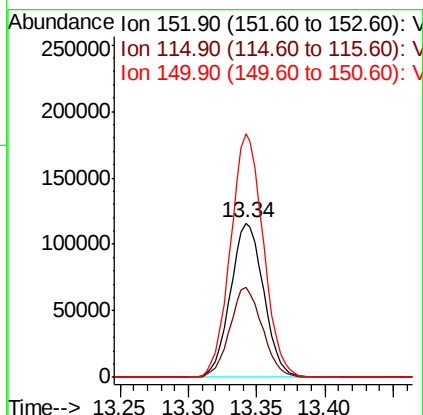
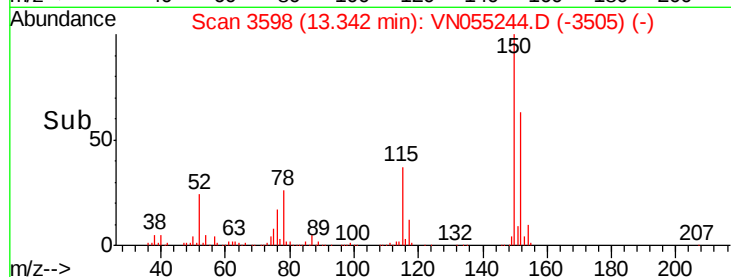
150 155.9 0.0 346.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN055244.D

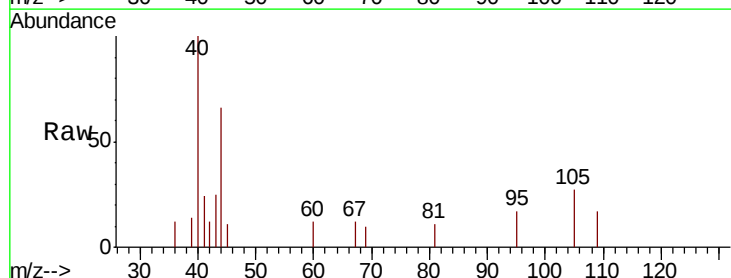
Acq: 25 Apr 2019 14:18

Tgt Ion:105 Resp: 694

Ion Ratio Lower Upper

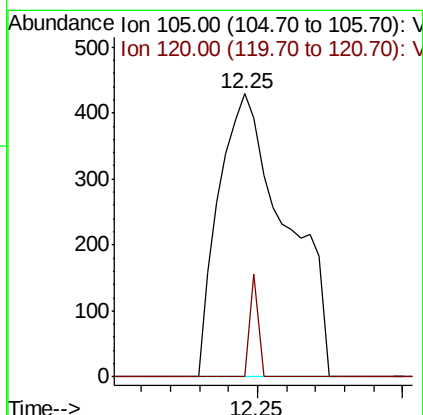
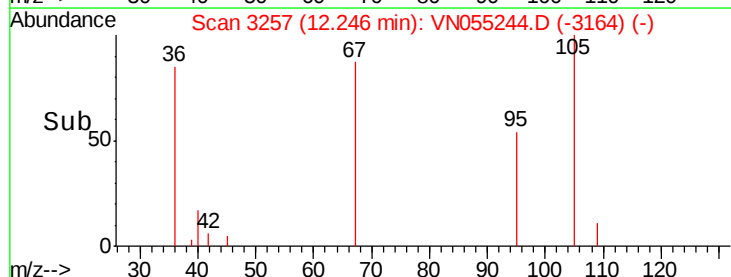
105 100

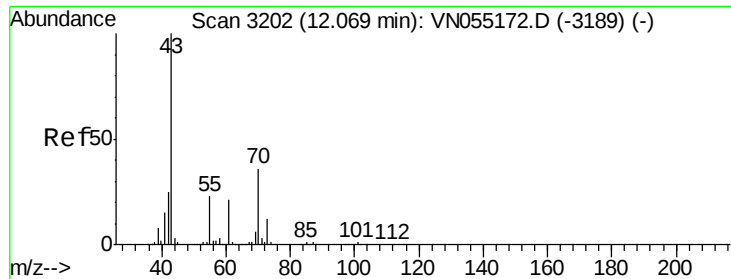
120 4.3 13.1 39.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 3.252 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN055244.D

Acq: 25 Apr 2019 14:18

Instrument :

MSVOA_N

ClientSampleId :

SU-03-042419-B

Tot Ion: 43 Resp: 16452

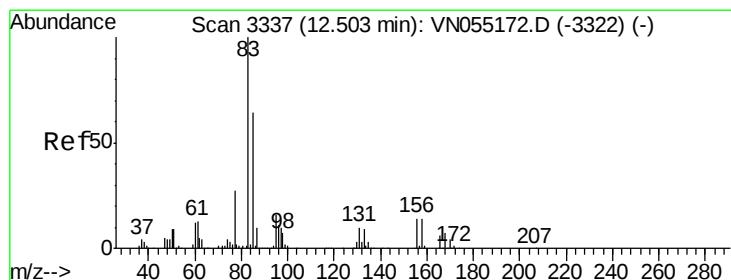
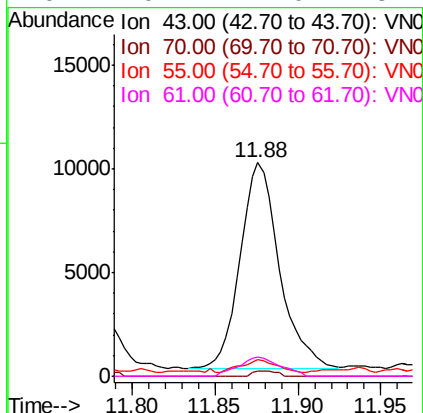
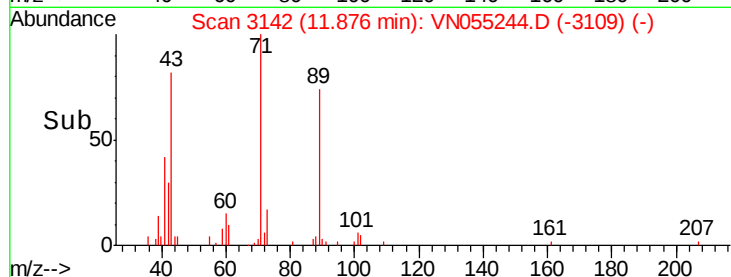
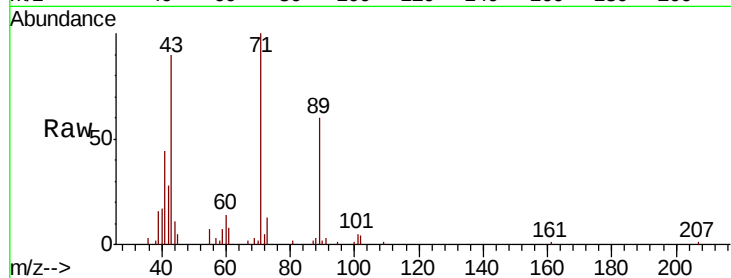
Ion Ratio Lower Upper

43 100

70 1.5 29.0 43.6#

55 5.2 18.5 27.7#

61 9.7 17.0 25.4#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.50 min Scan# 3335

Delta R.T. -0.01 min

Lab File: VN055244.D

Acq: 25 Apr 2019 14:18

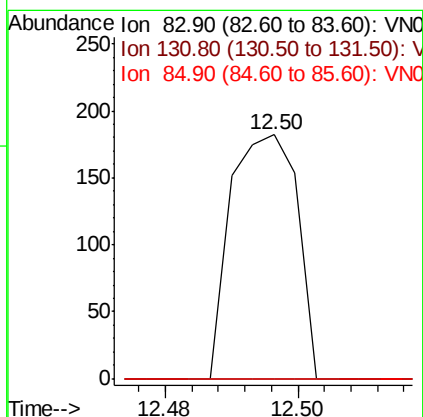
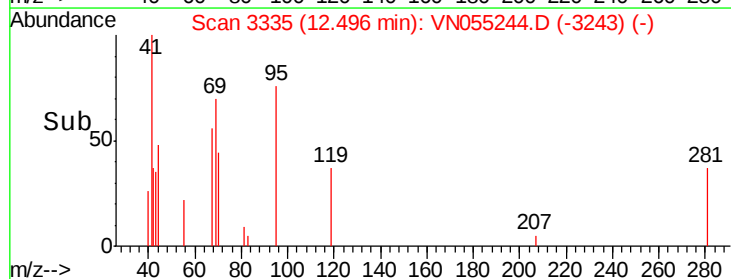
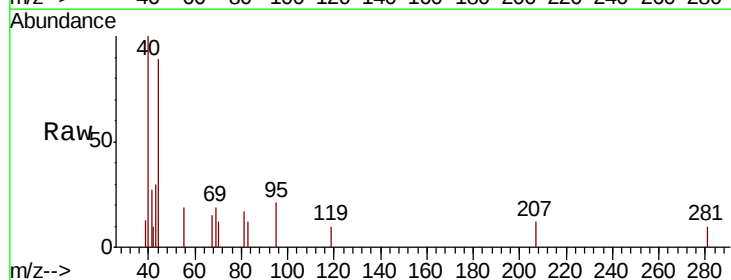
Tgt Ion: 83 Resp: 128

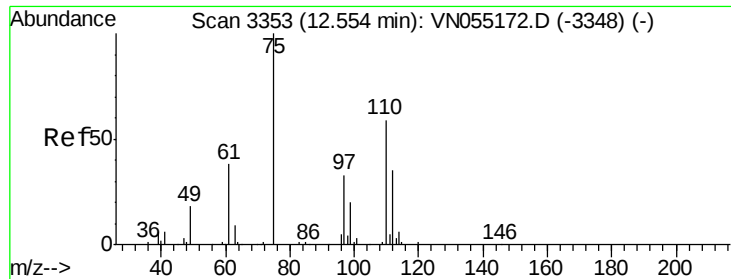
Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

85 0.0 32.1 96.3#





#76

1,2,3-Trichloropropane

Concen: 35.419 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055244.D

Acq: 25 Apr 2019 14:18

Instrument :

MSVOA_N

ClientSampleId :

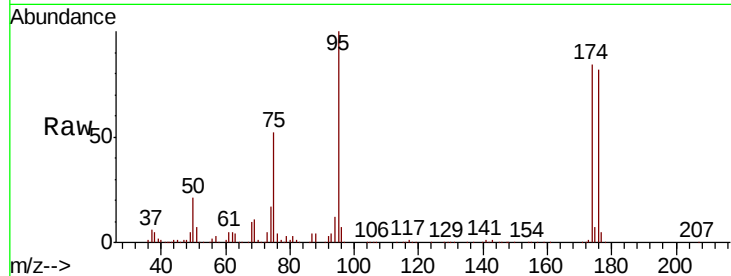
SU-03-042419-B

Tot Ion: 75 Resp: 140993

Ion Ratio Lower Upper

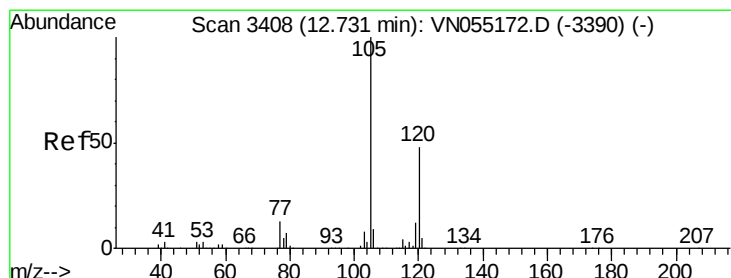
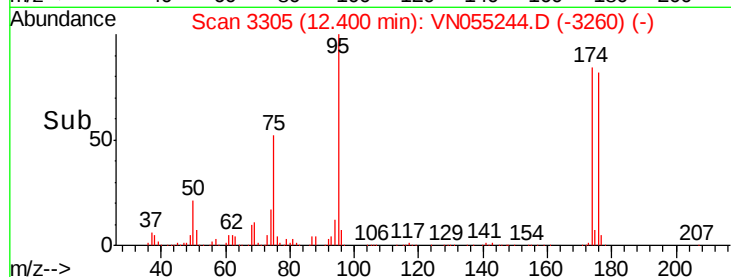
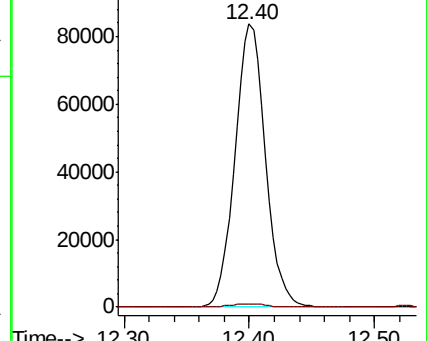
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN055172.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN055172.D (-3348) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.413 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055244.D

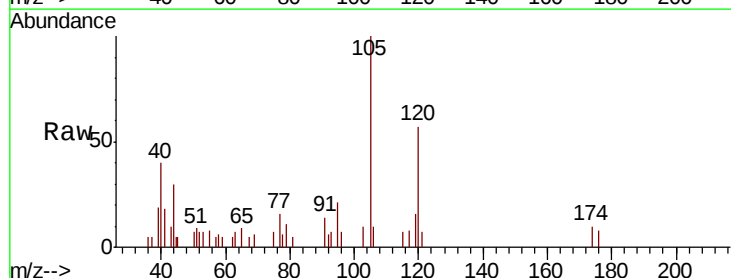
Acq: 25 Apr 2019 14:18

Tgt Ion:105 Resp: 6065

Ion Ratio Lower Upper

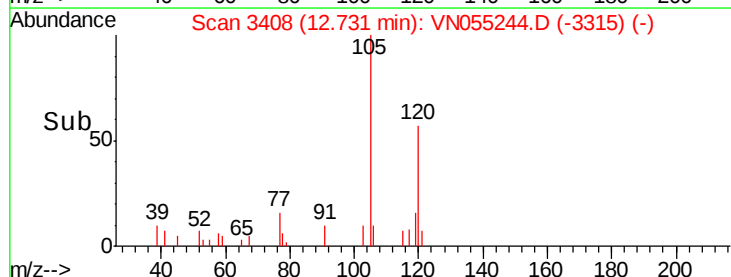
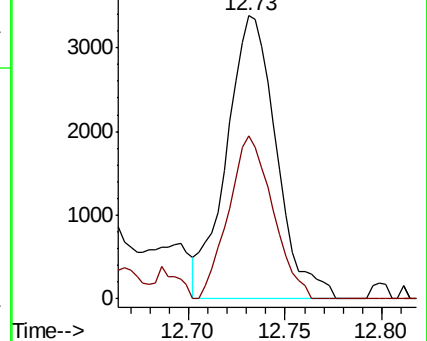
105 100

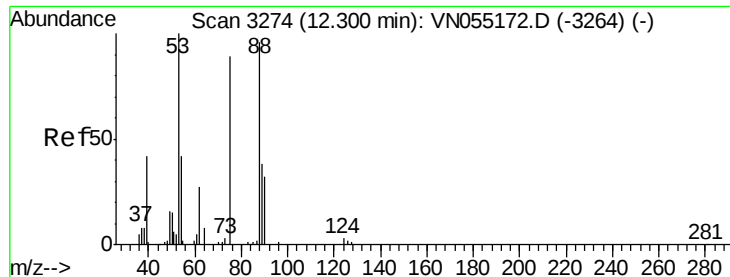
120 50.9 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN055172.D (-3390) (-)

Ion 120.00 (119.70 to 120.70): VN055172.D (-3390) (-)

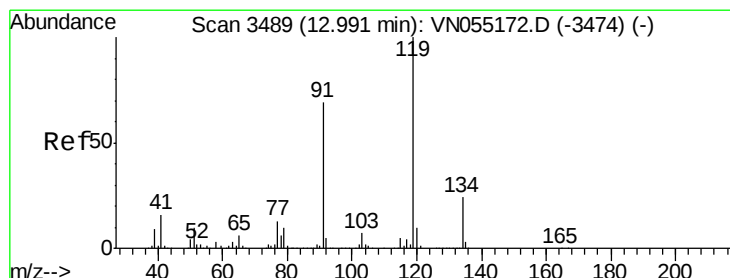
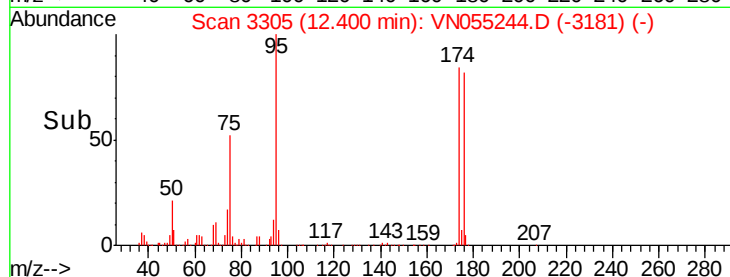
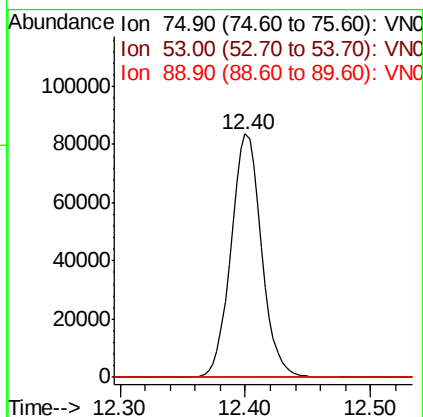
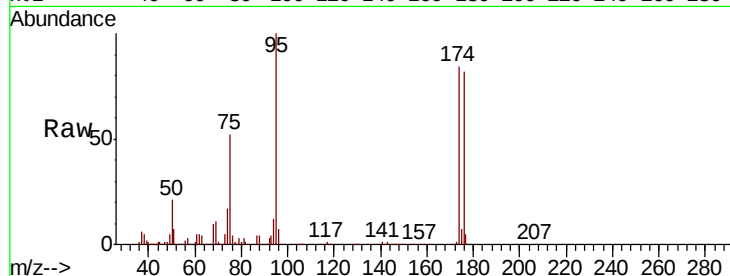




#81
trans-1,4-Dichloro-2-butene
Concen: 134.269 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN055244.D
Acq: 25 Apr 2019 14:18

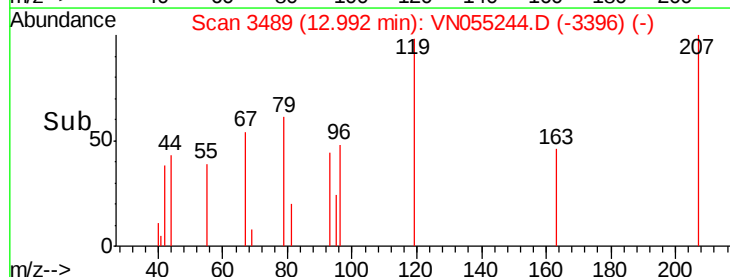
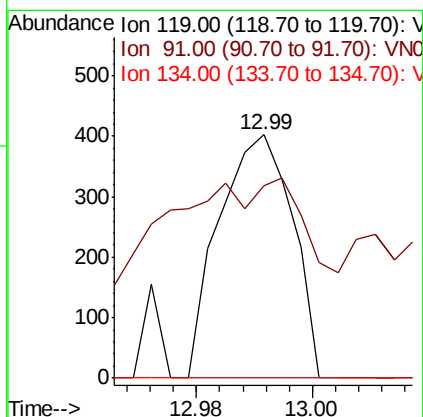
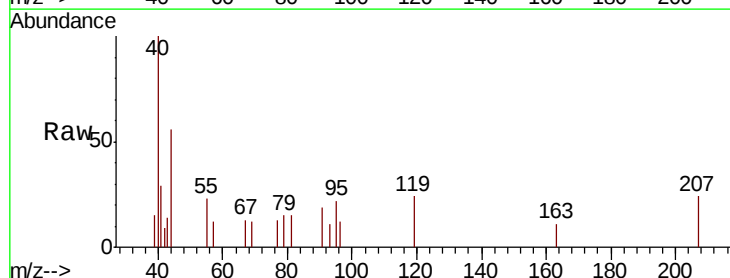
Instrument :
MSVOA_N
ClientSampled :
SU-03-042419-B

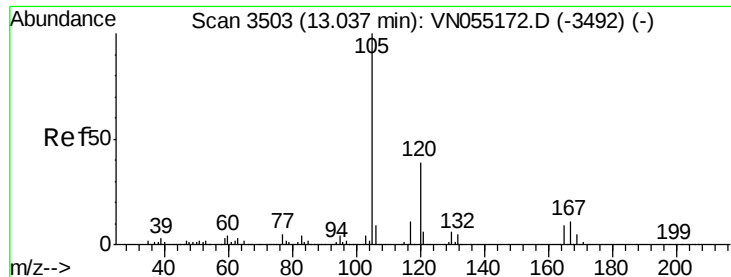
Tot Ion: 75 Resp: 140993
Ion Ratio Lower Upper
75 100
53 0.1 90.1 135.1#
89 0.0 36.7 55.1#



#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN055244.D
Acq: 25 Apr 2019 14:18

Tgt Ion: 119 Resp: 352
Ion Ratio Lower Upper
119 100
91 113.4 33.8 101.3#
134 0.0 13.2 39.5#





#84

1,2,4-Trimethylbenzene

Concen: 0.403 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN055244.D

Acq: 25 Apr 2019 14:18

Instrument :

MSVOA_N

ClientSampleId :

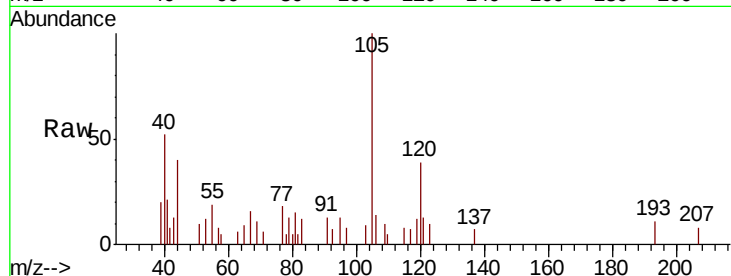
SU-03-042419-B

Tot Ion:105 Resp: 5586

Ion Ratio Lower Upper

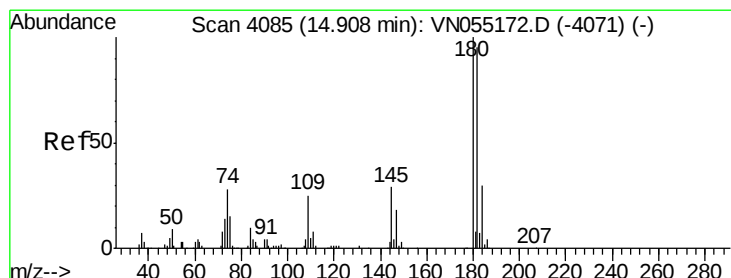
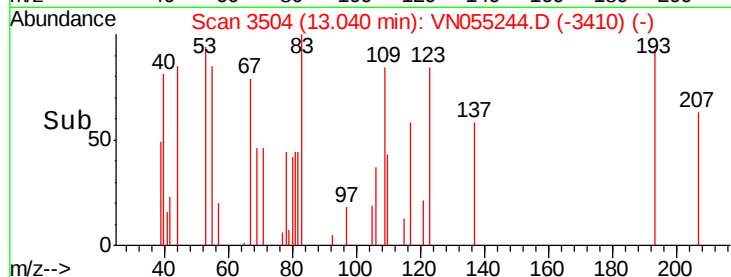
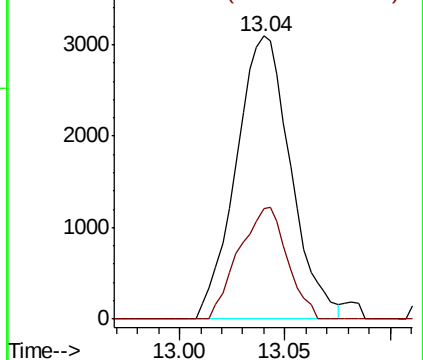
105 100

120 34.7 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#93

1,2,4-Trichlorobenzene

Concen: 2.792 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.01 min

Lab File: VN055244.D

Acq: 25 Apr 2019 14:18

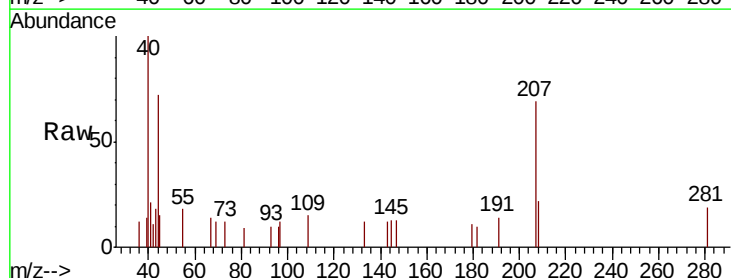
Tgt Ion:180 Resp: 166

Ion Ratio Lower Upper

180 100

182 136.7 47.8 143.4

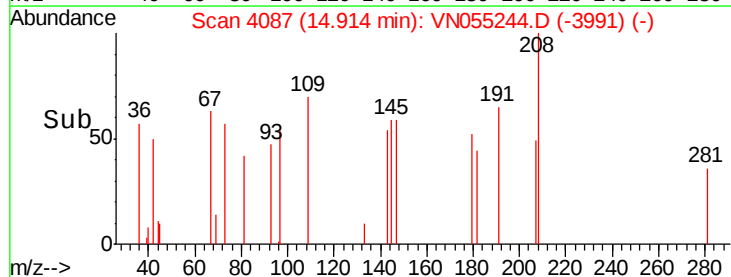
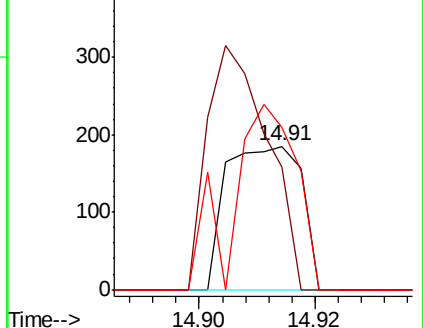
145 110.8 14.5 43.5#

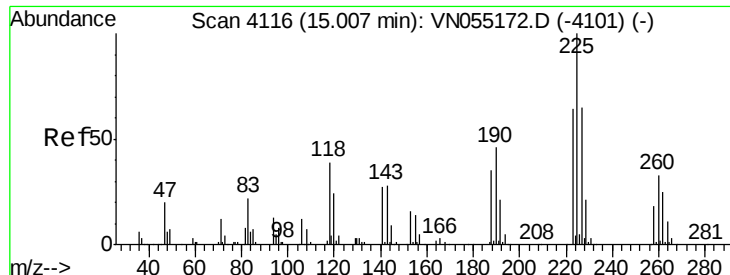


Abundance Ion 179.80 (179.50 to 180.50): V

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# 4116

Delta R.T. 0.00 min

Lab File: VN055244.D

Acq: 25 Apr 2019 14:18

Instrument :

MSVOA_N

ClientSampleId :

SU-03-042419-B

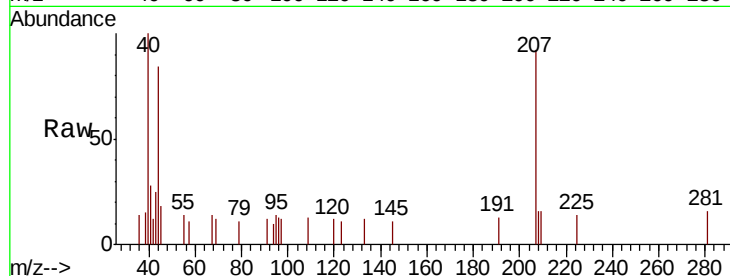
Tot Ion:225 Resp: 208

Ion Ratio Lower Upper

225 100

223 0.0 32.2 96.6#

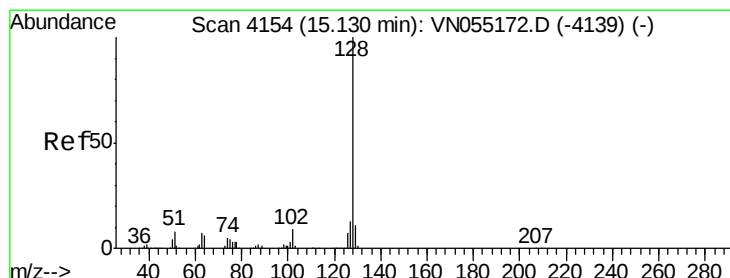
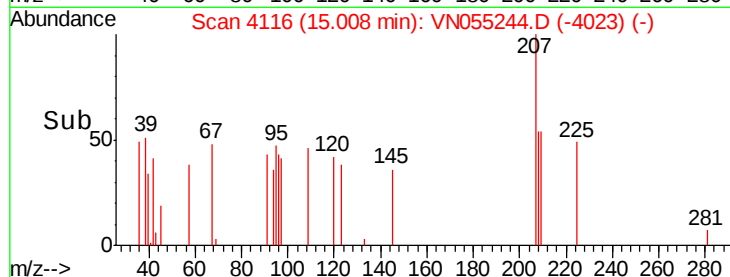
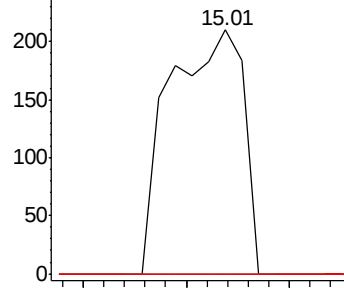
227 0.0 32.6 98.0#



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 4.381 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. -0.00 min

Lab File: VN055244.D

Acq: 25 Apr 2019 14:18

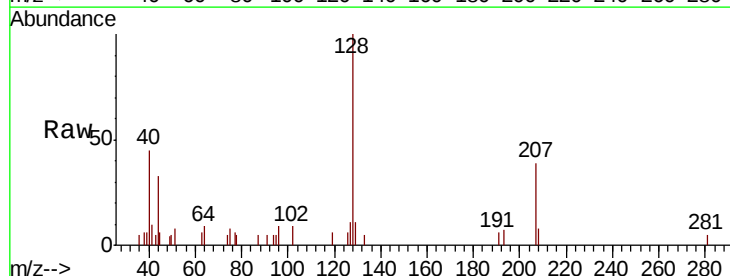
Tgt Ion:128 Resp: 6700

Ion Ratio Lower Upper

128 100

127 11.7 10.3 15.5

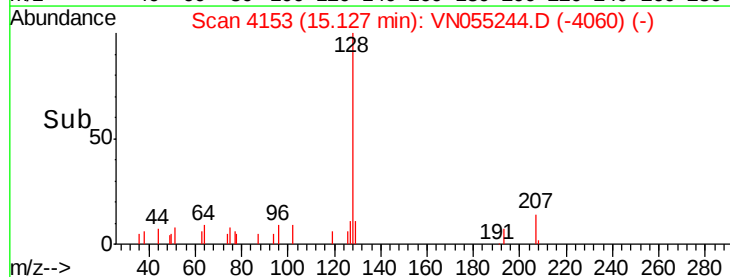
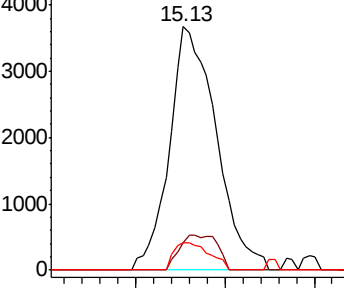
129 8.6 8.8 13.2#

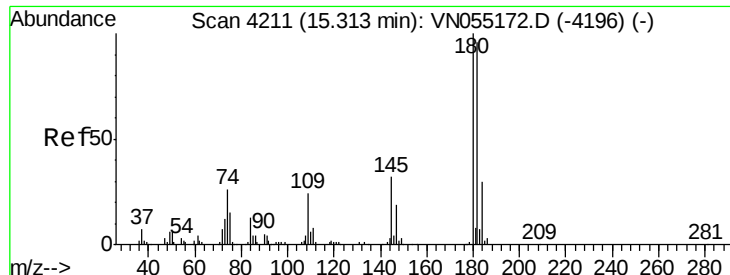


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

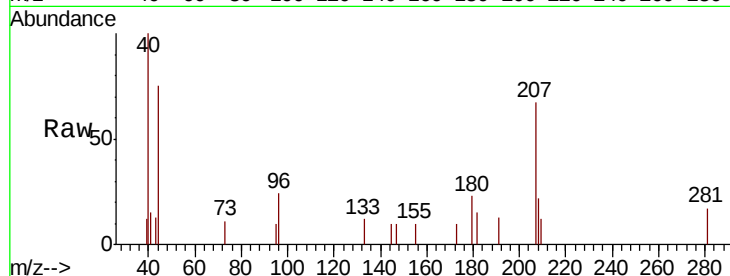




#96
 1,2,3-Trichlorobenzene
 Concen: 2.273 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN055244.D
 Acq: 25 Apr 2019 14:18

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-042419-B

Tot Ion	Ratio	Lower	Upper
180	100		
182	82.8	47.2	141.6
145	33.1	15.4	46.1



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

