

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111119\
 Data File : VN059164.D
 Acq On : 11 Nov 2019 16:22
 Operator : JC/SP
 Sample : K5760-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 3425

Quant Time: Nov 12 00:43:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	435361	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	694034	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	626228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	233316	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	294557	55.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.08%	
35) Dibromofluoromethane	7.57	113	222611	53.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.44%	
50) Toluene-d8	10.08	98	866629	53.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.18%	
62) 4-Bromofluorobenzene	12.40	95	280913	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	

Target Compounds

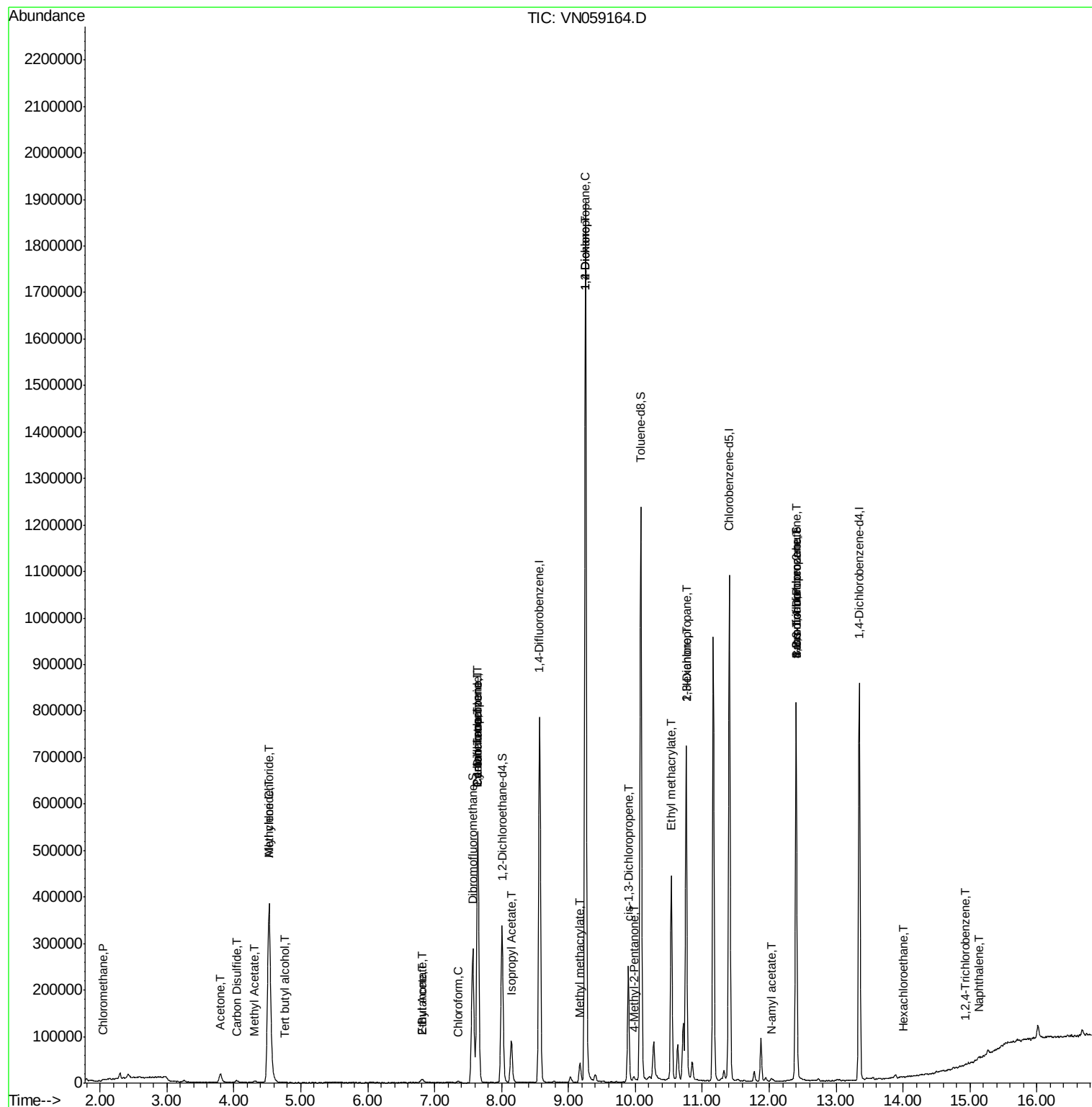
						Qvalue
3) Chloromethane	2.04	50	1467	0.246	ug/l	93
11) Tert butyl alcohol	4.76	59	1127	1.105	ug/l #	72
14) Allyl chloride	4.52	41	12026	1.442	ug/l #	29
16) Acetone	3.80	43	32908	11.825	ug/l	98
17) Carbon Disulfide	4.03	76	2964	0.235	ug/l #	92
18) Methyl Acetate	4.30	43	6132	0.928	ug/l	97
20) Methylene Chloride	4.52	84	303513	62.601	ug/l	98
25) 2-Butanone	6.82	43	8695	2.371	ug/l	92
30) Chloroform	7.35	83	3608	0.427	ug/l	99
31) Cyclohexane	7.64	56	8870	1.065	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	33828	5.215	ug/l #	49
37) Ethyl Acetate	6.82	43	8695	1.205	ug/l #	71
38) Carbon Tetrachloride	7.64	117	43977	6.811	ug/l #	17
43) Isopropyl Acetate	8.15	43	108093	9.395	ug/l #	90
45) 1,2-Dichloropropane	9.25	63	2147	0.405	ug/l #	44
48) Methyl methacrylate	9.17	41	6747	1.311	ug/l #	14
49) 1,4-Dioxane	9.26	88	68	0.744	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	5791	0.890	ug/l	88
54) cis-1,3-Dichloropropene	9.90	75	43485	5.300	ug/l #	65
56) Ethyl methacrylate	10.54	69	1543	2.061	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	7678	0.941	ug/l #	42
59) 2-Hexanone	10.76	43	111146	22.244	ug/l #	51
71) Bromoform	12.40	173	1549	0.435	ug/l #	1
74) N-amyl acetate	12.03	43	5490	0.763	ug/l #	46
76) 1,2,3-Trichloropropane	12.40	75	142428	26.813	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	142428	70.822	ug/l #	13
90) Hexachloroethane	14.00	117	666	0.233	ug/l #	8
93) 1,2,4-Trichlorobenzene	14.92	180	170	3.083	ug/l #	36
95) Naphthalene	15.13	128	3468	3.314	ug/l	96

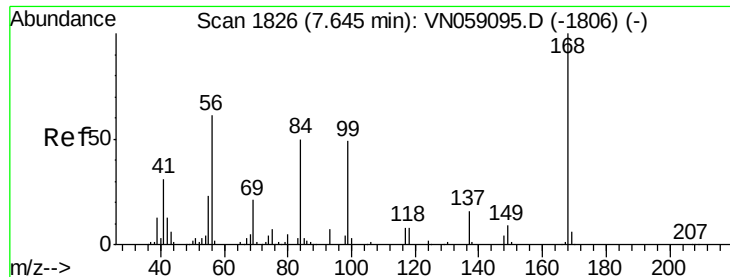
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111119\
Data File : VN059164.D
Acq On : 11 Nov 2019 16:22
Operator : JC/SP
Sample : K5760-08
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
3425

Quant Time: Nov 12 00:43:55 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059164.D

Acq: 11 Nov 2019 16:22

Instrument :

MSVOA_N

ClientSampled :

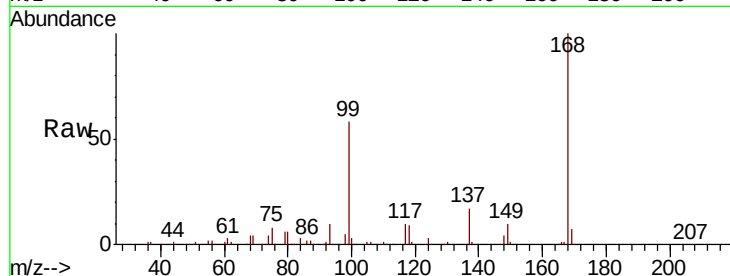
3425

Tot Ion:168 Resp: 435361

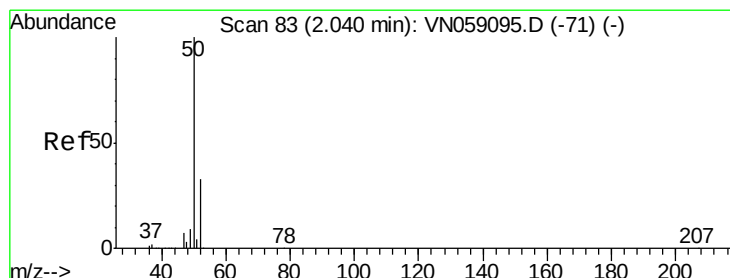
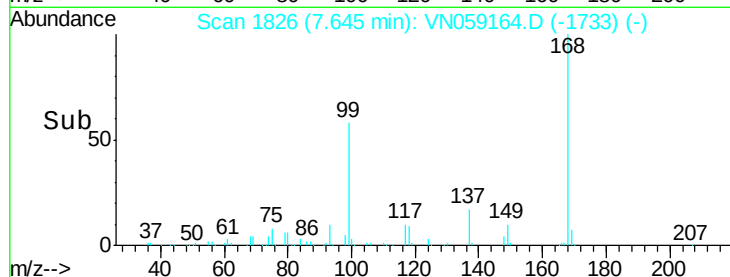
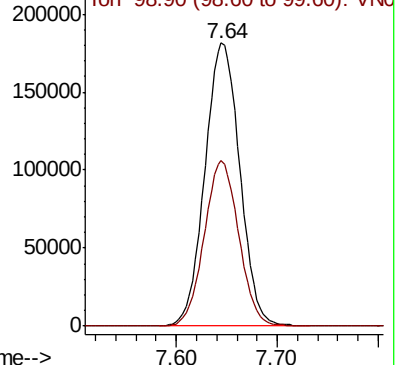
Ion Ratio Lower Upper

168 100

99 58.3 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VN059164.D (-1733) (-)



#3

Chloromethane

Concen: 0.246 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN059164.D

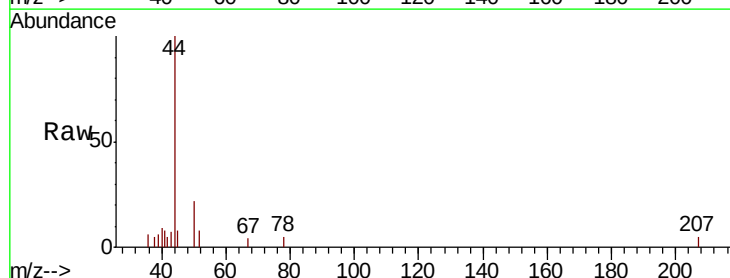
Acq: 11 Nov 2019 16:22

Tgt Ion: 50 Resp: 1467

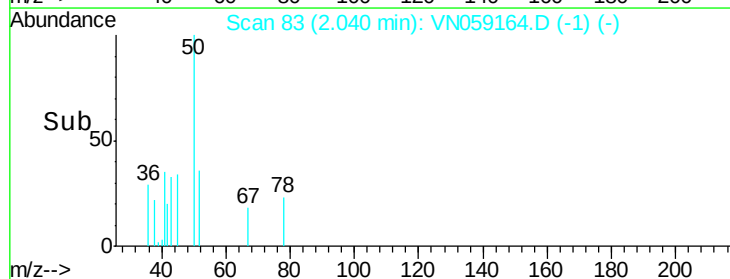
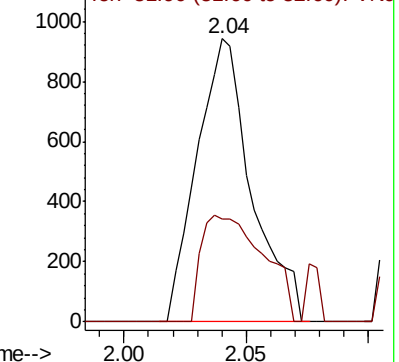
Ion Ratio Lower Upper

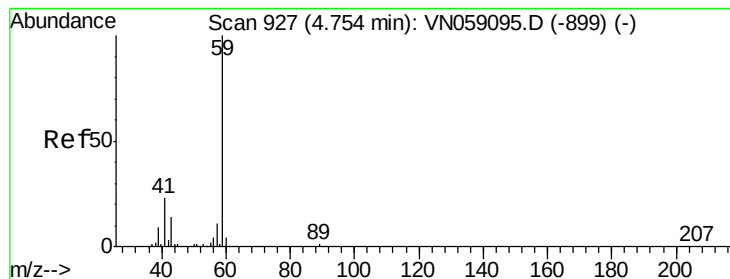
50 100

52 36.4 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN059164.D (-1) (-)





#11

Tert butyl alcohol

Concen: 1.105 ug/l

RT: 4.76 min Scan# 928

Delta R.T. 0.00 min

Lab File: VN059164.D

Acq: 11 Nov 2019 16:22

Instrument :

MSVOA_N

ClientSampled :

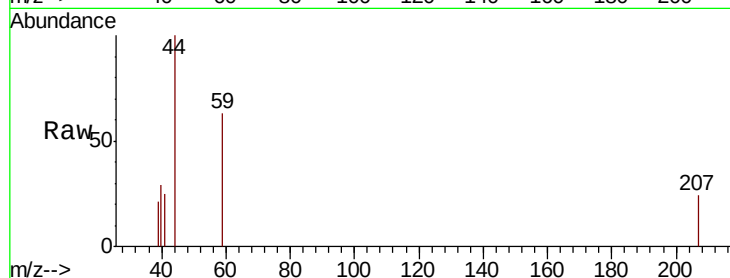
3425

Tot Ion: 59 Resp: 1127

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.76

600

500

400

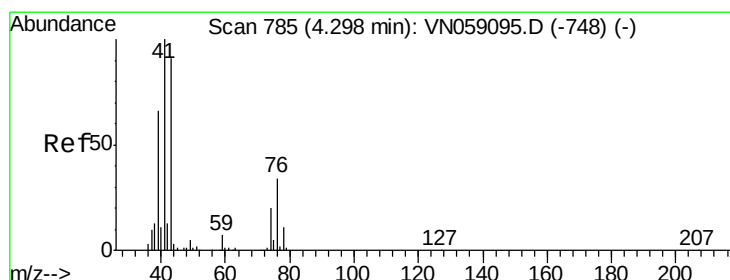
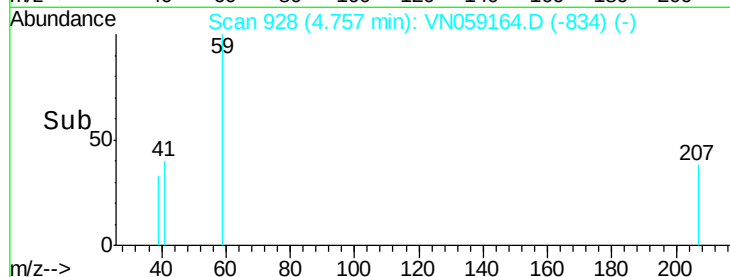
300

200

100

0

Time-->



#14

Allyl chloride

Concen: 1.442 ug/l

RT: 4.52 min Scan# 855

Delta R.T. 0.23 min

Lab File: VN059164.D

Acq: 11 Nov 2019 16:22

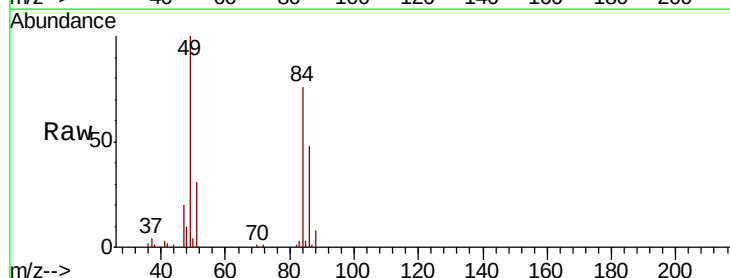
Tgt Ion: 41 Resp: 12026

Ion Ratio Lower Upper

41 100

39 1.2 49.1 73.7#

76 0.0 24.9 37.3#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

4.52

5000

4000

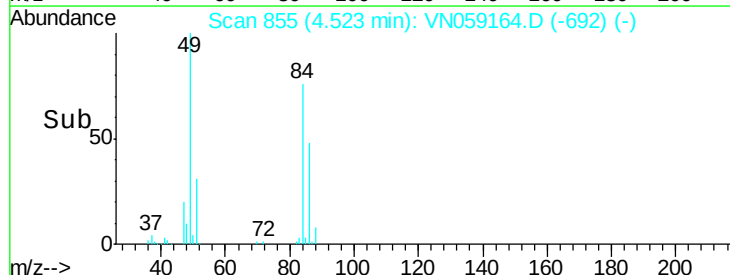
3000

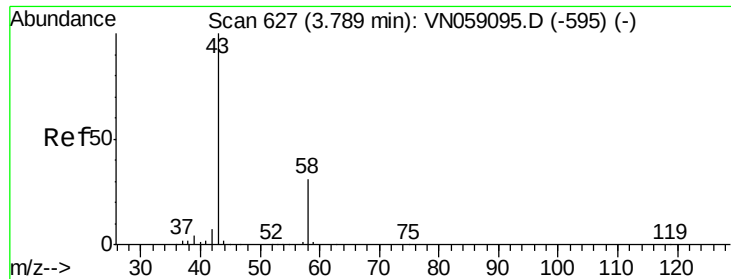
2000

1000

0

Time-->





#16

Acetone

Concen: 11.825 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN059164.D

Acq: 11 Nov 2019 16:22

Instrument :

MSVOA_N

ClientSampled :

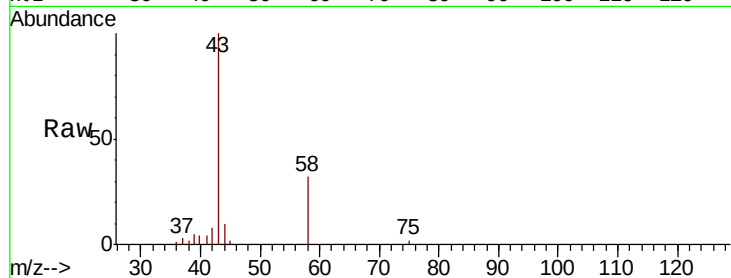
3425

Tot Ion: 43 Resp: 32908

Ion Ratio Lower Upper

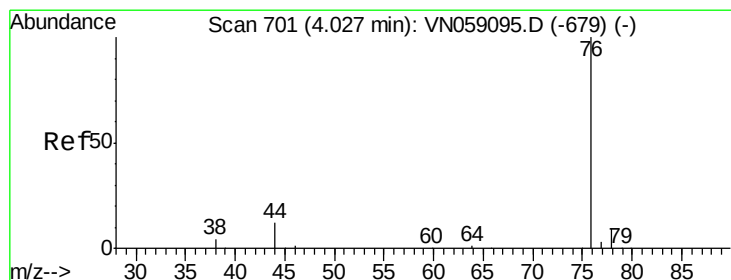
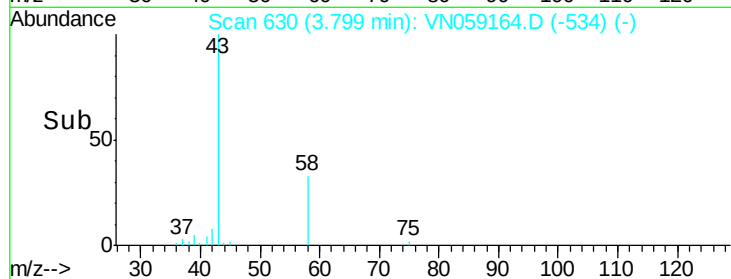
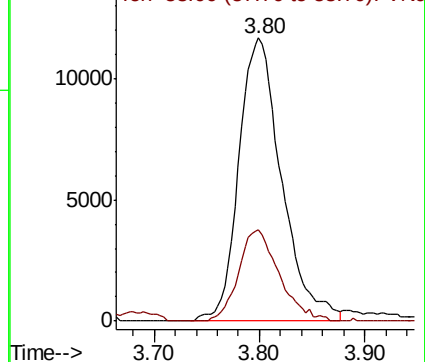
43 100

58 32.2 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#17

Carbon Disulfide

Concen: 0.235 ug/l

RT: 4.03 min Scan# 703

Delta R.T. 0.01 min

Lab File: VN059164.D

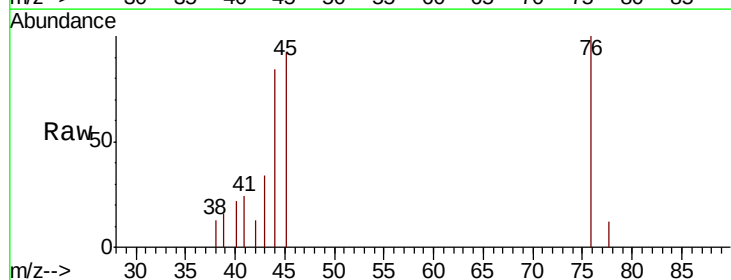
Acq: 11 Nov 2019 16:22

Tgt Ion: 76 Resp: 2964

Ion Ratio Lower Upper

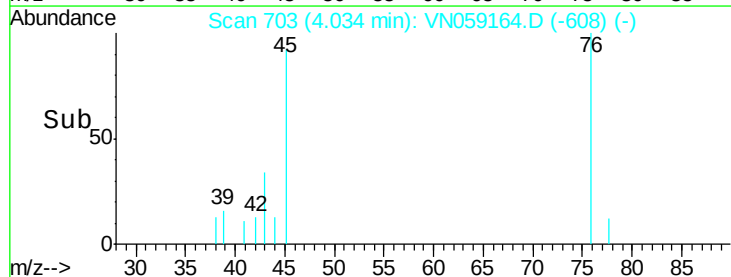
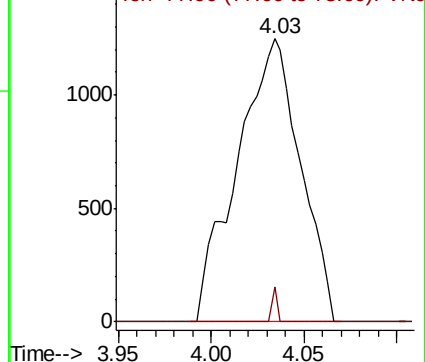
76 100

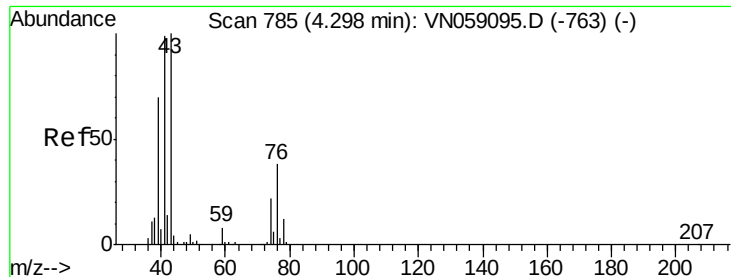
78 12.3 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

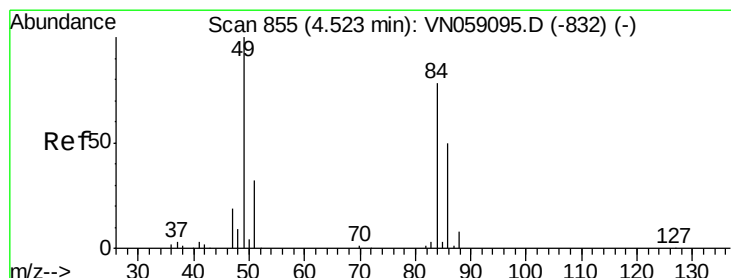
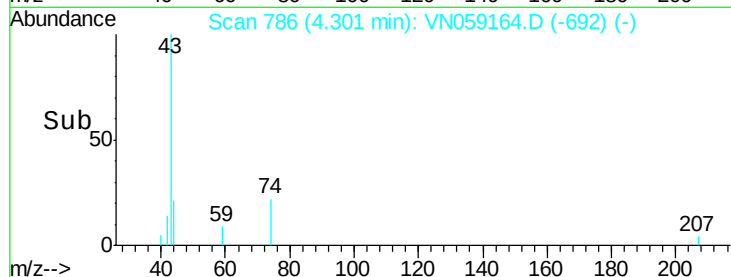
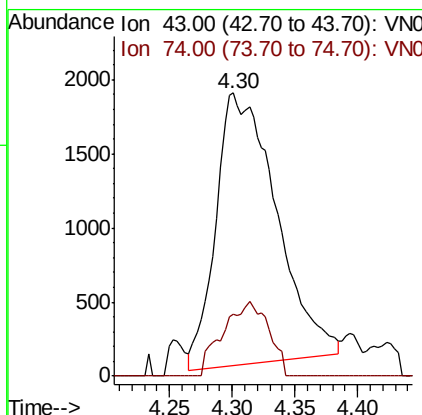
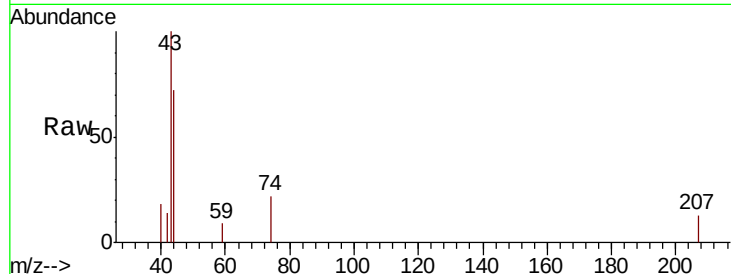




#18
Methyl Acetate
Concen: 0.928 ug/l
RT: 4.30 min Scan# 786
Delta R.T. 0.00 min
Lab File: VN059164.D
Acq: 11 Nov 2019 16:22

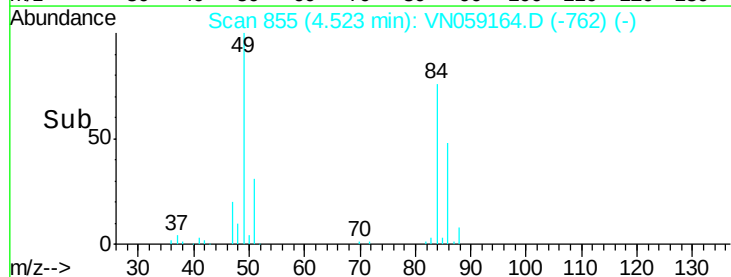
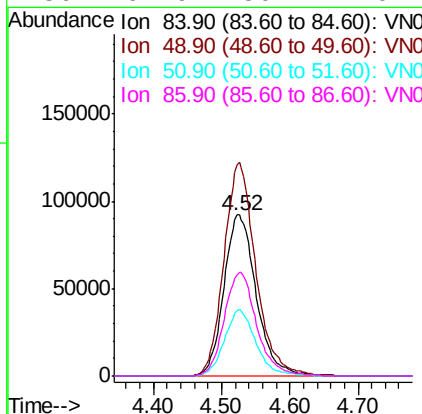
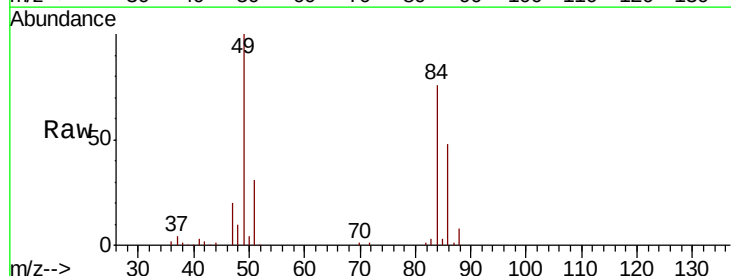
Instrument :
MSVOA_N
ClientSampleId :
3425

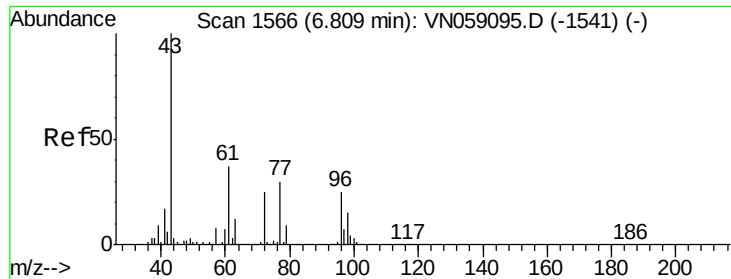
Tot Ion: 43 Resp: 6132
Ion Ratio Lower Upper
43 100
74 20.8 17.8 26.8



#20
Methylene Chloride
Concen: 62.601 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059164.D
Acq: 11 Nov 2019 16:22

Tgt Ion: 84 Resp: 303513
Ion Ratio Lower Upper
84 100
49 131.3 102.0 153.0
51 40.7 32.2 48.2
86 62.9 50.7 76.1





#25

2-Butanone

Concen: 2.371 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. 0.01 min

Lab File: VN059164.D

Acq: 11 Nov 2019 16:22

Instrument :

MSVOA_N

ClientSampled :

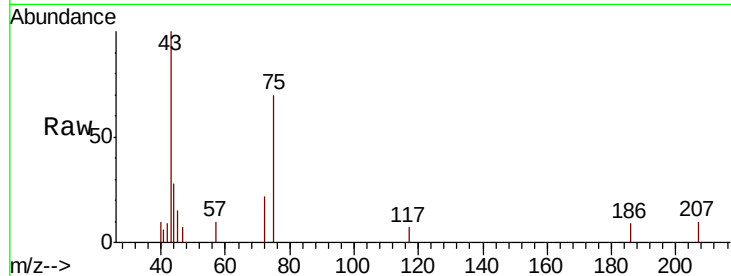
3425

Tot Ion: 43 Resp: 8695

Ion Ratio Lower Upper

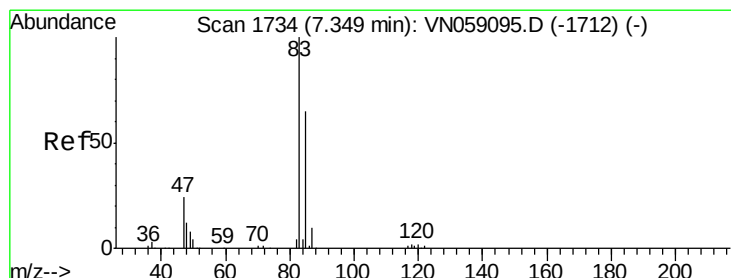
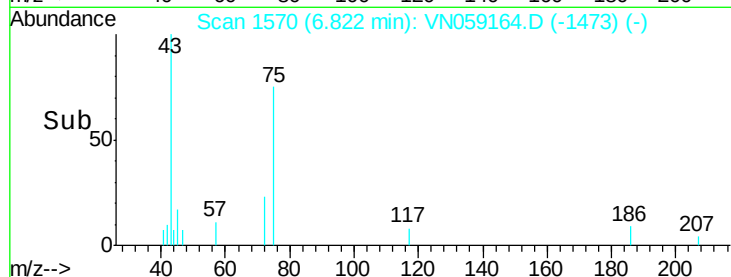
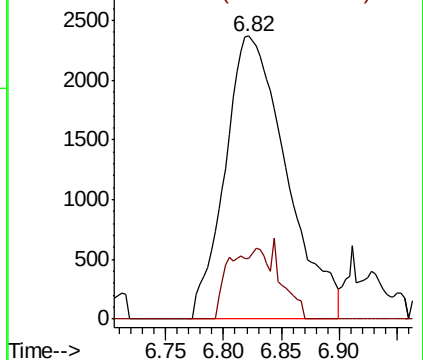
43 100

72 21.6 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#30

Chloroform

Concen: 0.427 ug/l

RT: 7.35 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VN059164.D

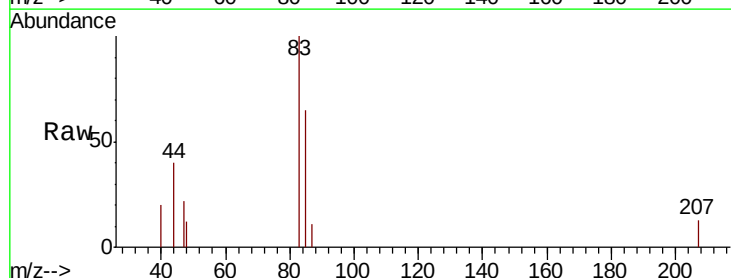
Acq: 11 Nov 2019 16:22

Tgt Ion: 83 Resp: 3608

Ion Ratio Lower Upper

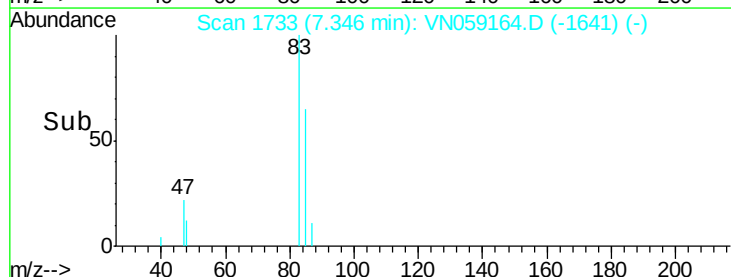
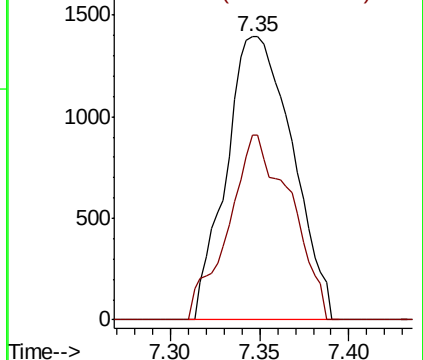
83 100

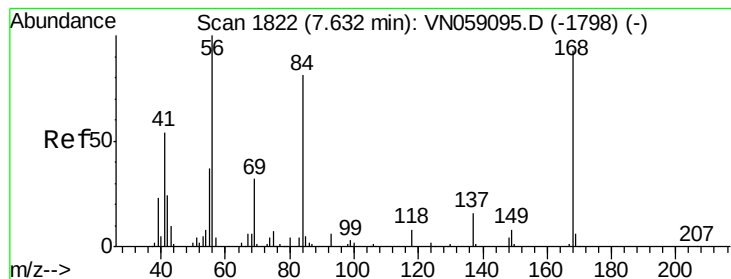
85 65.4 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 1.065 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VN059164.D

Acq: 11 Nov 2019 16:22

Instrument :

MSVOA_N

ClientSampleId :

3425

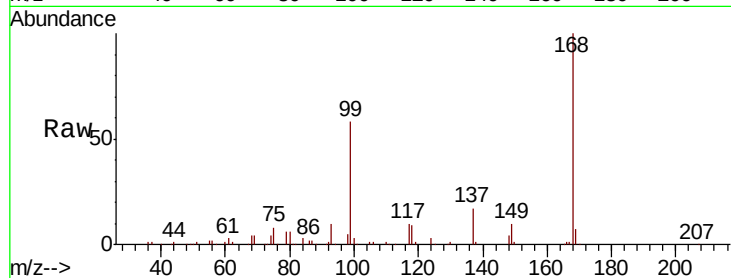
Tot Ion: 56 Resp: 8870

Ion Ratio Lower Upper

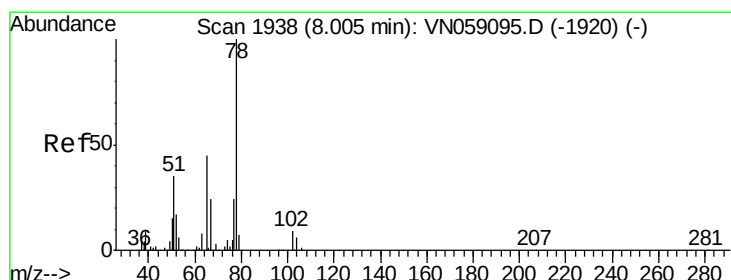
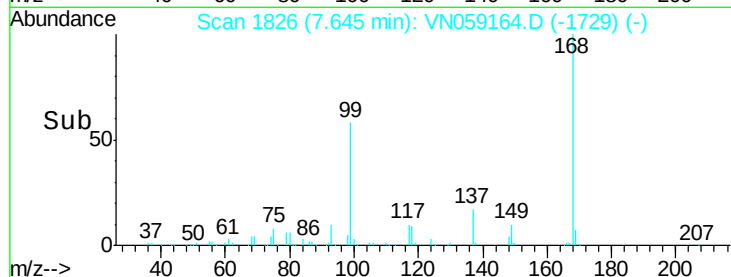
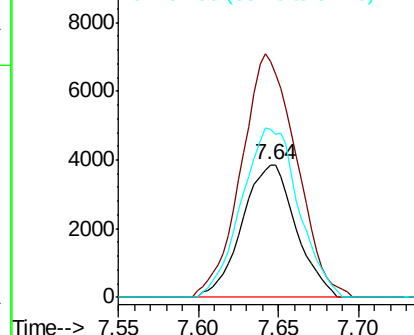
56 100

69 178.1 25.8 38.8#

84 126.6 65.0 97.4#



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



#33

1,2-Dichloroethane-d4

Concen: 55.040 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059164.D

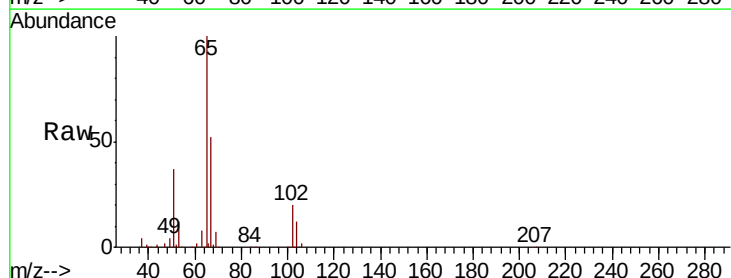
Acq: 11 Nov 2019 16:22

Tgt Ion: 65 Resp: 294557

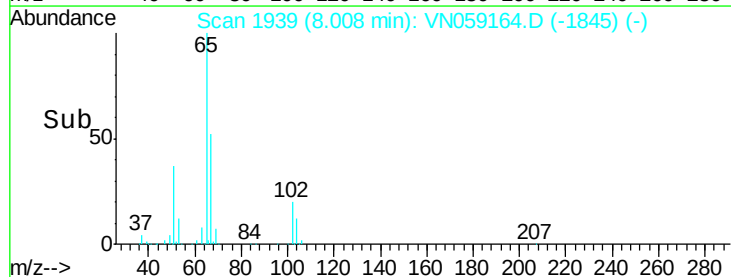
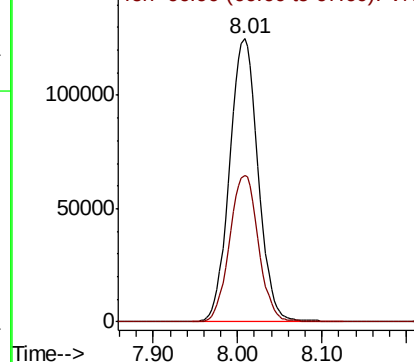
Ion Ratio Lower Upper

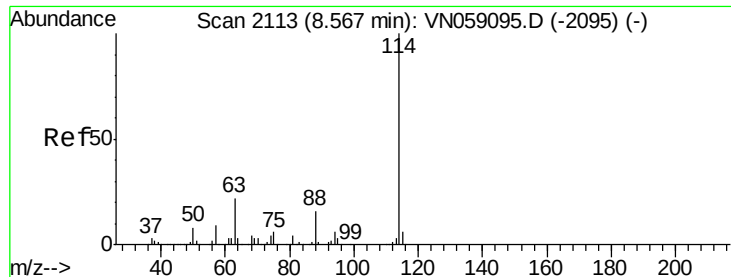
65 100

67 52.2 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VNC
Ion 66.90 (66.60 to 67.60): VNC

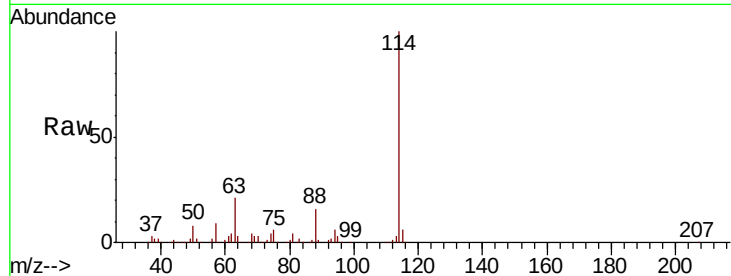




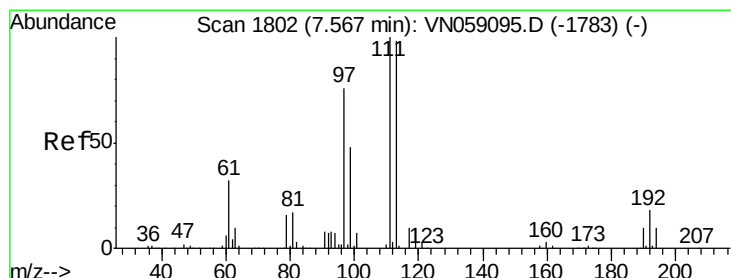
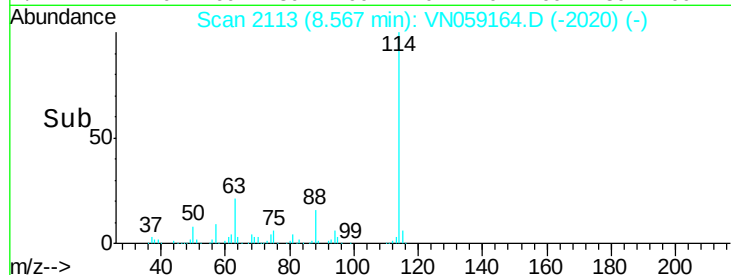
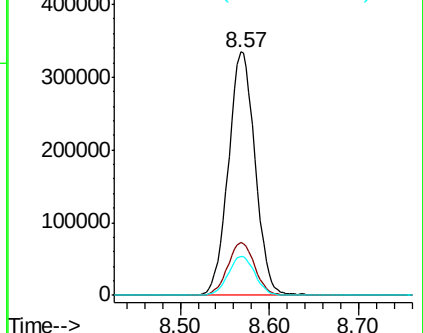
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059164.D
 Acq: 11 Nov 2019 16:22

Instrument :
 MSVOA_N
 ClientSampleId :
 3425

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	43.4
88	16.1	0.0	32.2

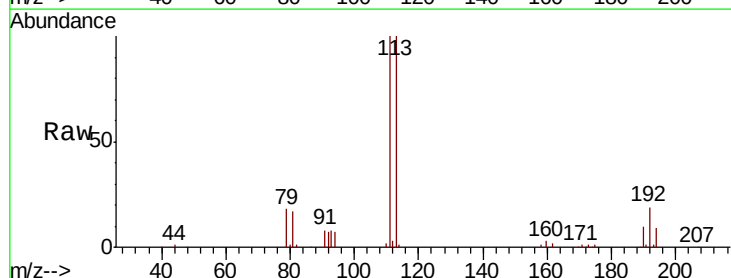


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

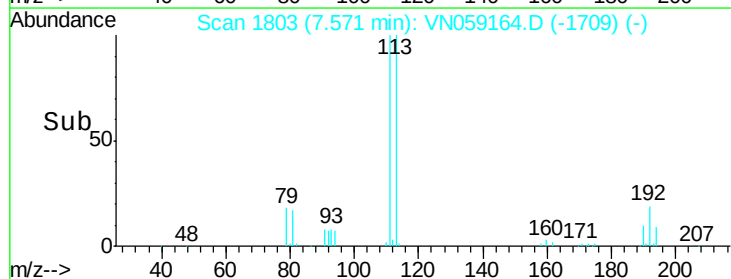
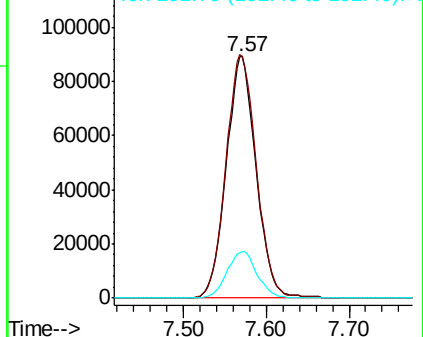


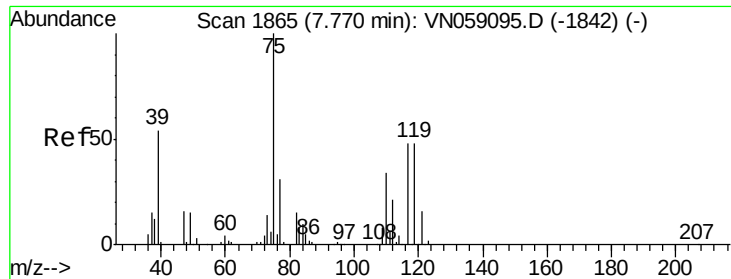
#35
 Dibromofluoromethane
 Concen: 53.718 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059164.D
 Acq: 11 Nov 2019 16:22

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.8	124.2
192	19.4	16.1	24.1



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

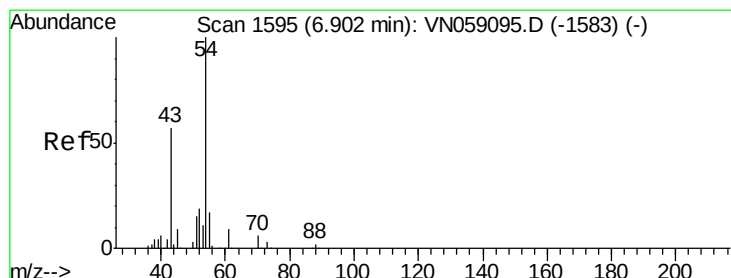
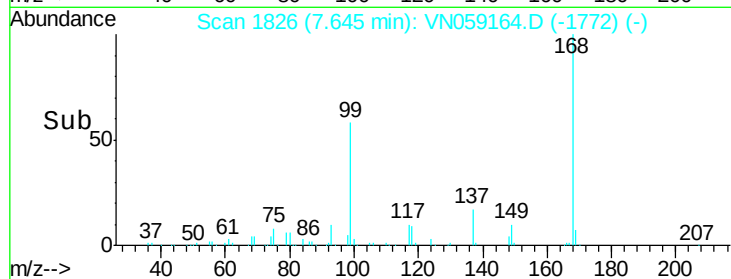
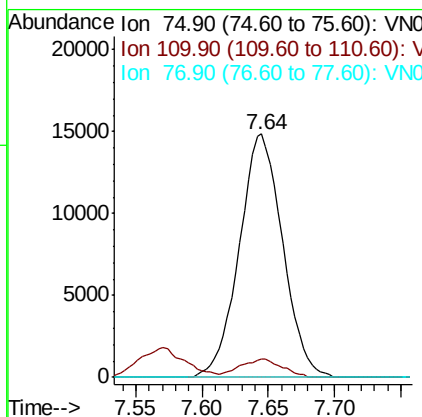
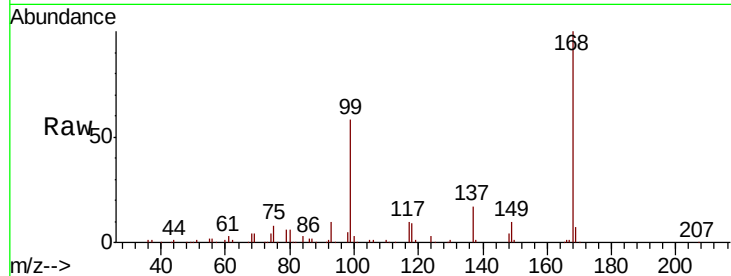




#36
 1,1-Dichloropropene
 Concen: 5.215 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN059164.D
 Acq: 11 Nov 2019 16:22

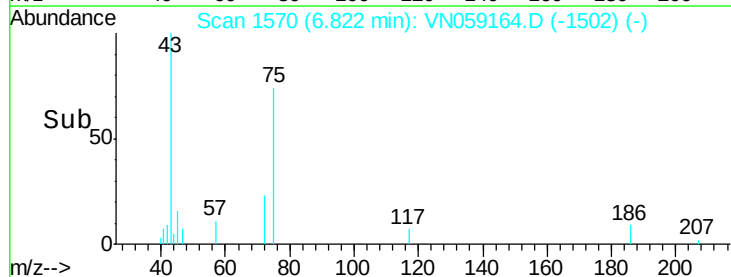
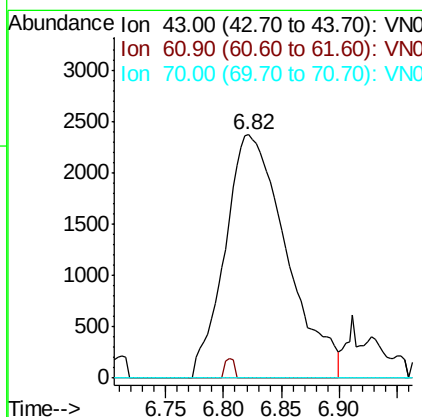
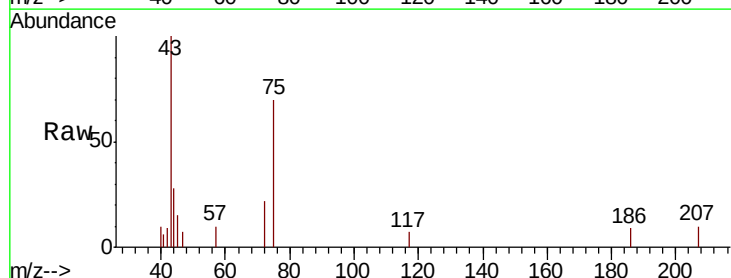
Instrument :
 MSVOA_N
 ClientSampled :
 3425

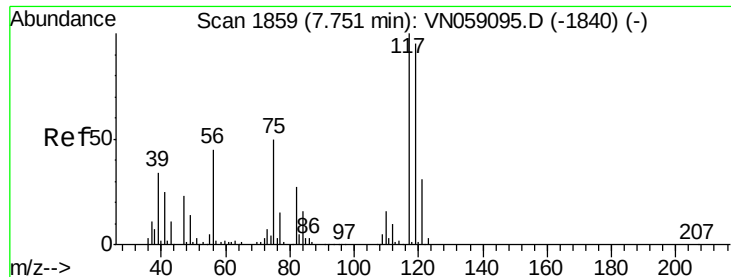
Tot Ion	75	Resp	33828
Ion Ratio	Lower	Upper	
75	100		
110	7.4	17.1	51.2#
77	0.0	24.8	37.2#



#37
 Ethyl Acetate
 Concen: 1.205 ug/l
 RT: 6.82 min Scan# 1570
 Delta R.T. -0.08 min
 Lab File: VN059164.D
 Acq: 11 Nov 2019 16:22

Tgt Ion	43	Resp	8695
Ion Ratio	Lower	Upper	
43	100		
61	1.2	11.2	16.8#
70	0.0	7.8	11.8#

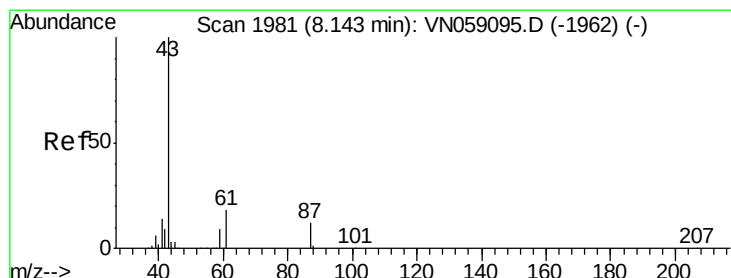
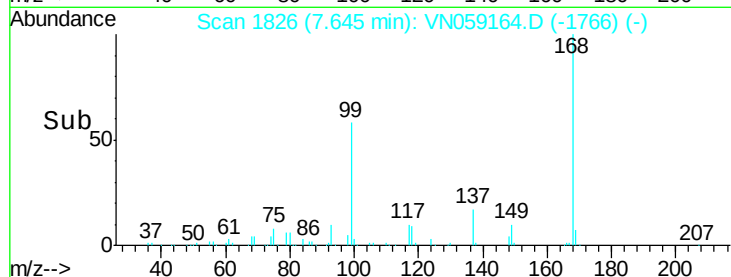
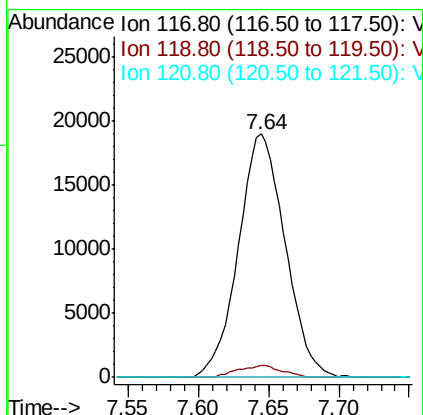
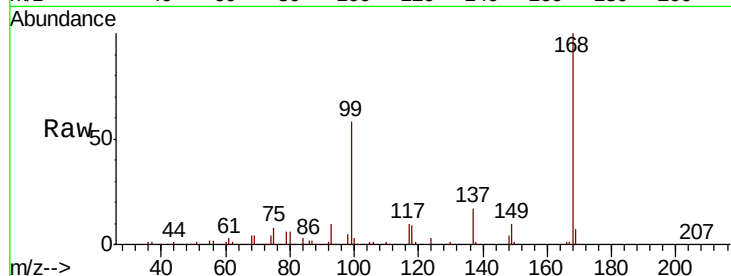




#38
Carbon Tetrachloride
Concen: 6.811 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.11 min
Lab File: VN059164.D
Acq: 11 Nov 2019 16:22

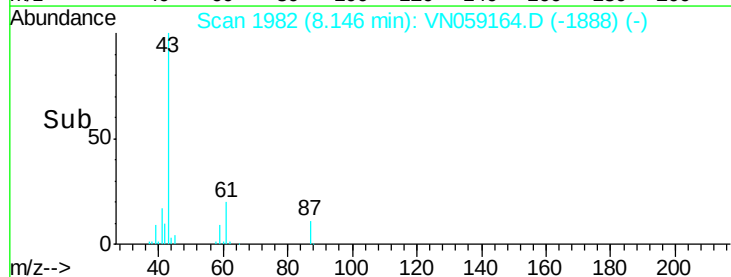
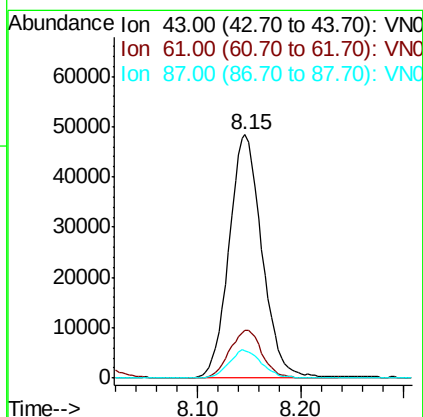
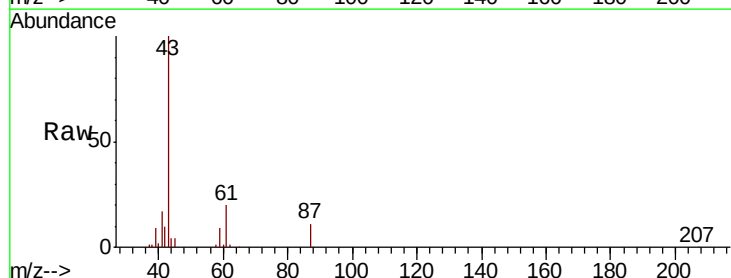
Instrument :
MSVOA_N
ClientSampled :
3425

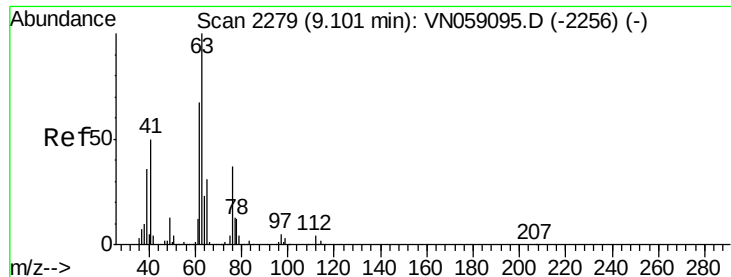
Tot Ion:117 Resp: 43977
Ion Ratio Lower Upper
117 100
119 5.1 75.6 113.4#
121 0.0 24.6 36.8#



#43
Isopropyl Acetate
Concen: 9.395 ug/l
RT: 8.15 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VN059164.D
Acq: 11 Nov 2019 16:22

Tgt Ion: 43 Resp: 108093
Ion Ratio Lower Upper
43 100
61 19.2 21.0 31.6#
87 11.5 9.8 14.6

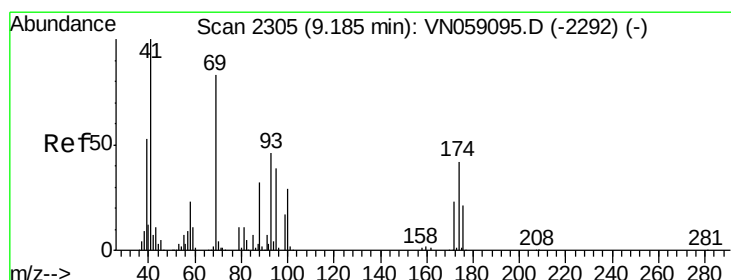
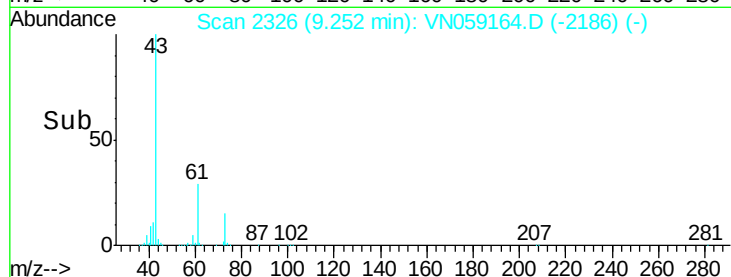
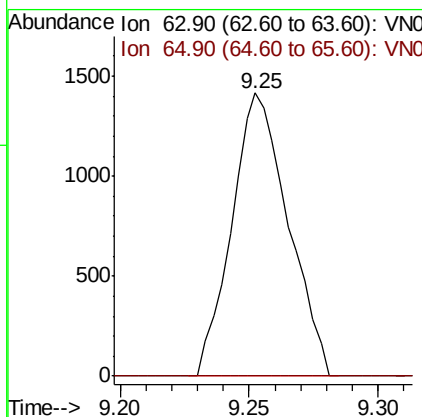
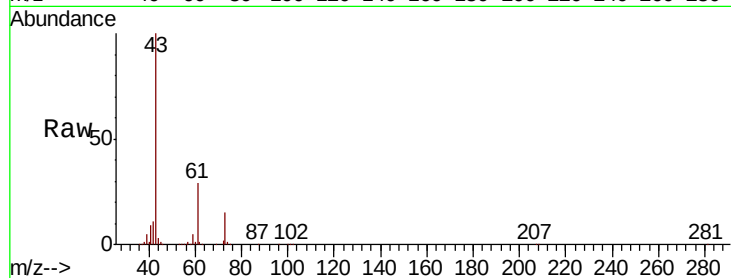




#45
 1,2-Dichloropropane
 Concen: 0.405 ug/l
 RT: 9.25 min Scan# 2326
 Delta R.T. 0.15 min
 Lab File: VN059164.D
 Acq: 11 Nov 2019 16:22

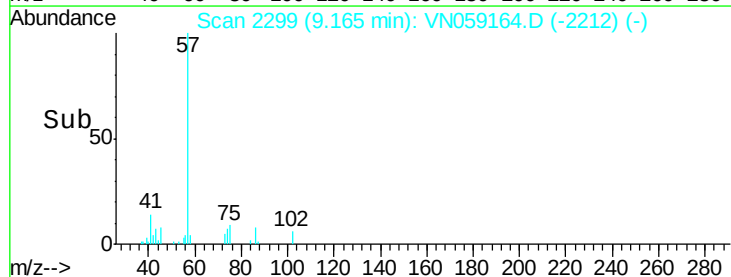
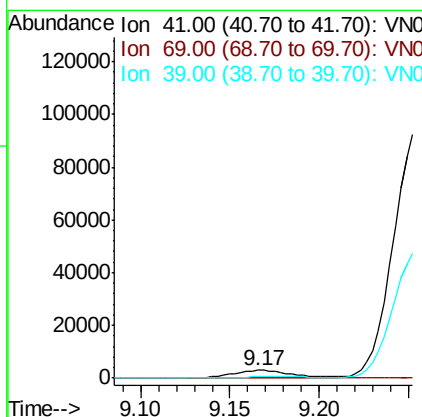
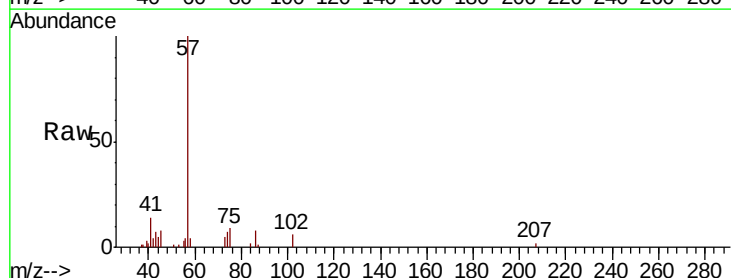
Instrument :
 MSVOA_N
 ClientSampleId :
 3425

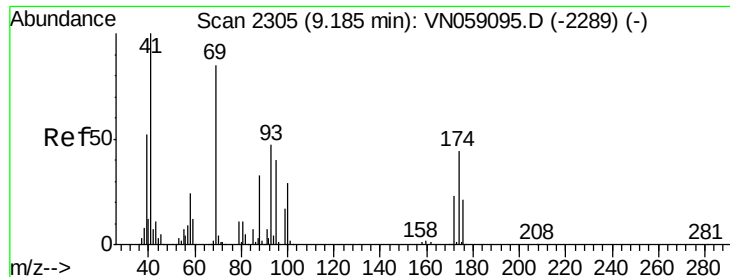
Tot Ion: 63 Resp: 2147
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.6 37.0#



#48
 Methyl methacrylate
 Concen: 1.311 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.02 min
 Lab File: VN059164.D
 Acq: 11 Nov 2019 16:22

Tgt Ion: 41 Resp: 6747
 Ion Ratio Lower Upper
 41 100
 69 0.0 67.3 100.9#
 39 0.0 43.3 64.9#





#49

1,4-Dioxane

Concen: 0.744 ug/l

RT: 9.26 min Scan# 2328

Delta R.T. 0.07 min

Lab File: VN059164.D

Acq: 11 Nov 2019 16:22

Instrument :

MSVOA_N

ClientSampled :

3425

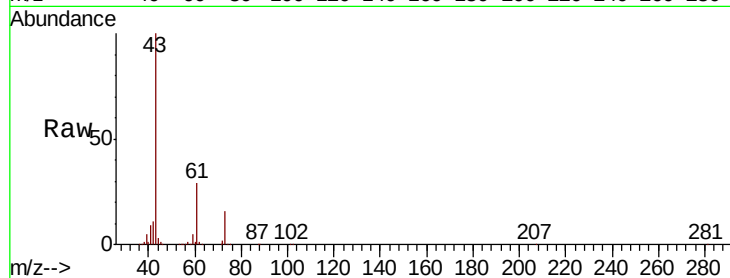
Tot Ion: 88 Resp: 68

Ion Ratio Lower Upper

88 100

43 2750088.2 26.3 39.5#

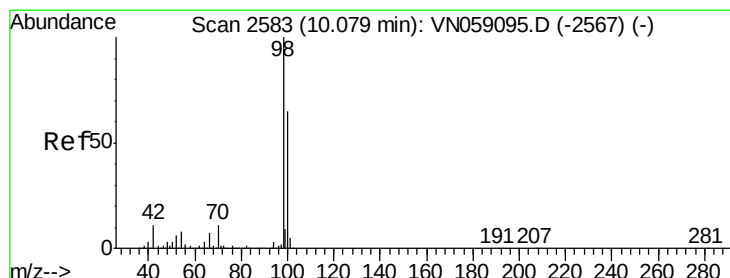
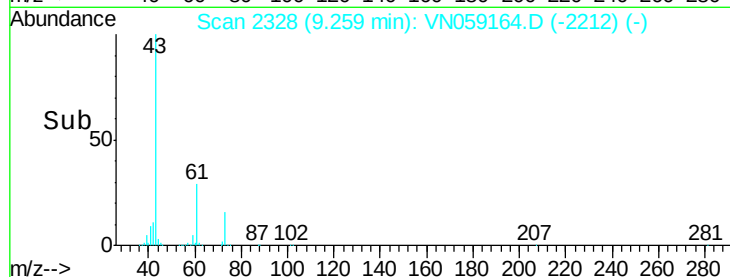
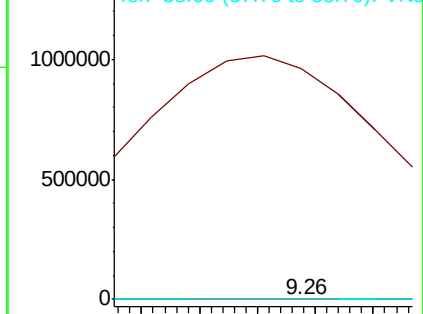
58 11613.2 60.6 90.8#



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: 53.092 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059164.D

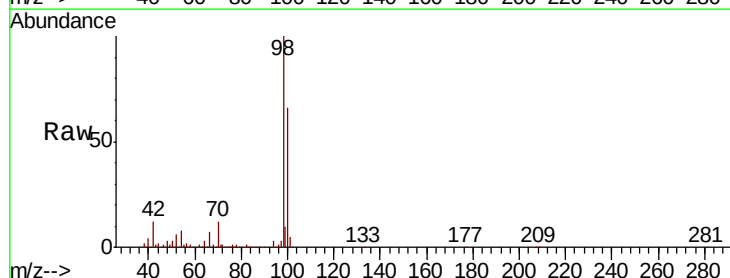
Acq: 11 Nov 2019 16:22

Tgt Ion: 98 Resp: 866629

Ion Ratio Lower Upper

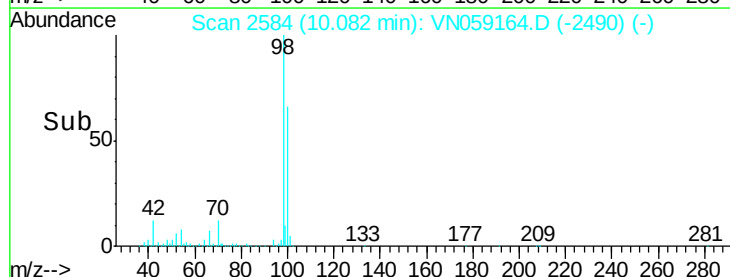
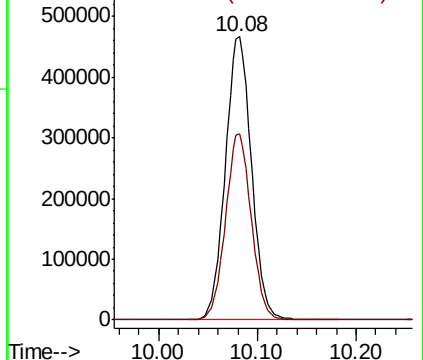
98 100

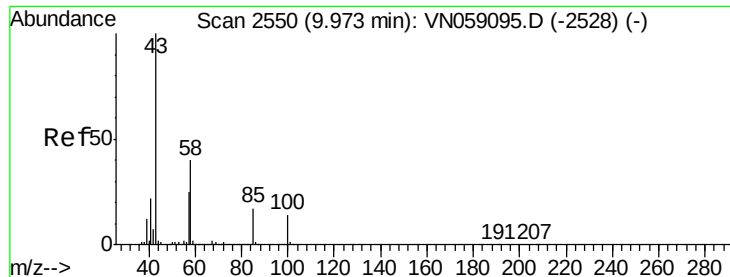
100 64.7 52.2 78.2



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: 0.890 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN059164.D

Acq: 11 Nov 2019 16:22

Instrument :

MSVOA_N

ClientSampleId :

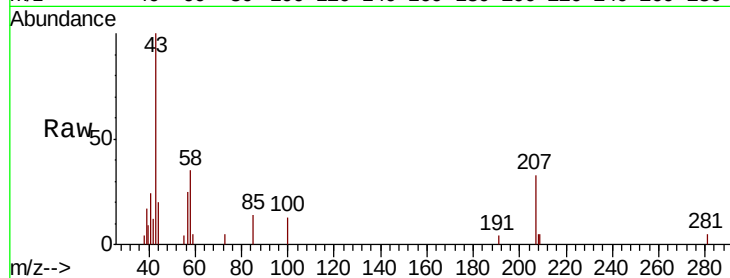
3425

Tot Ion: 43 Resp: 5791

Ion Ratio Lower Upper

43 100

58 46.8 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VN059164.D (-2457) (-)

Ion 58.00 (57.70 to 58.70): VN059164.D (-2457) (-)

9.98

4000

3000

2000

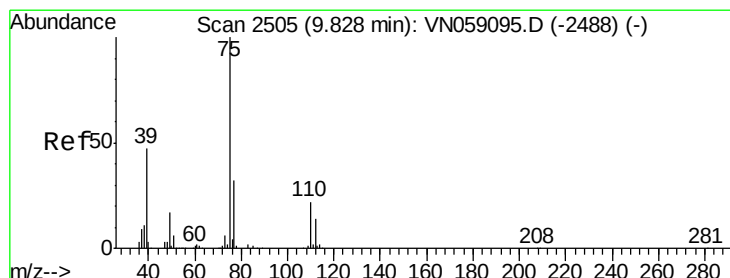
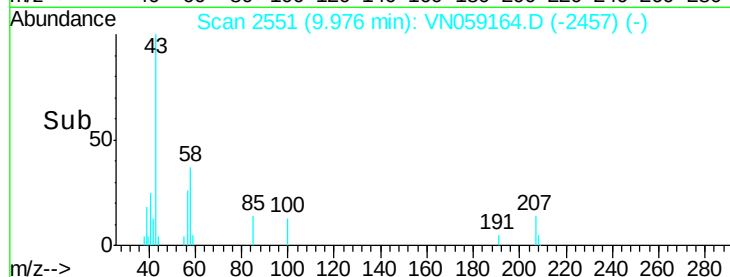
1000

0

9.95

10.00

Time-->



#54

cis-1,3-Dichloropropene

Concen: 5.300 ug/l

RT: 9.90 min Scan# 2526

Delta R.T. 0.07 min

Lab File: VN059164.D

Acq: 11 Nov 2019 16:22

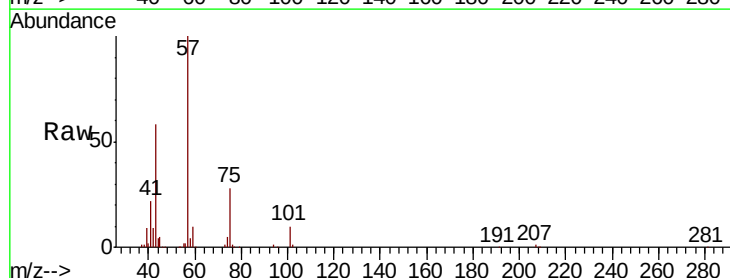
Tgt Ion: 75 Resp: 43485

Ion Ratio Lower Upper

75 100

77 0.9 25.5 38.3#

39 32.4 37.3 55.9#



Abundance Ion 74.90 (74.60 to 75.60): VN059164.D (-2412) (-)

Ion 76.90 (76.60 to 77.60): VN059164.D (-2412) (-)

Ion 39.00 (38.70 to 39.70): VN059164.D (-2412) (-)

9.90

30000

20000

10000

0

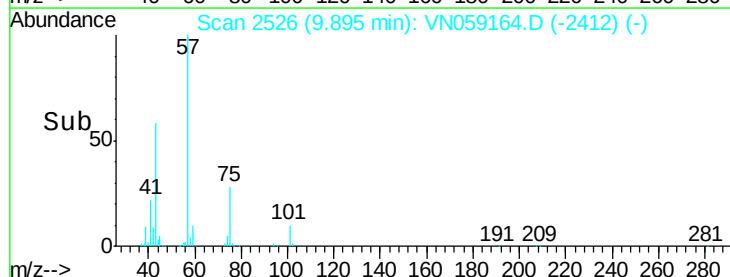
9.80

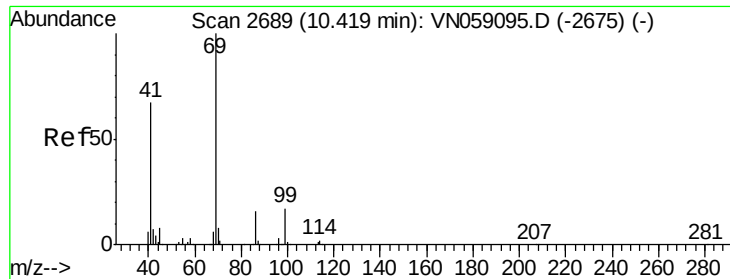
9.85

9.90

9.95

Time-->





#56

Ethyl methacrylate

Concen: 2.061 ug/l

RT: 10.54 min Scan# 2726

Delta R.T. 0.12 min

Lab File: VN059164.D

Acq: 11 Nov 2019 16:22

Instrument :

MSVOA_N

ClientSampled :

3425

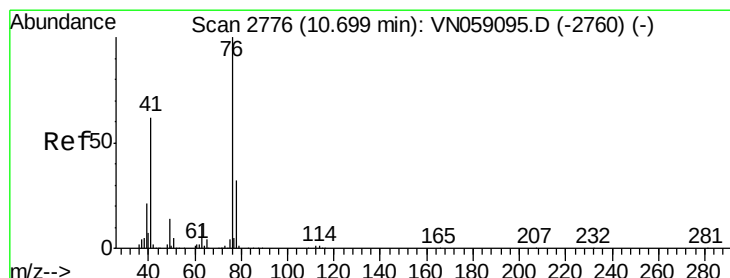
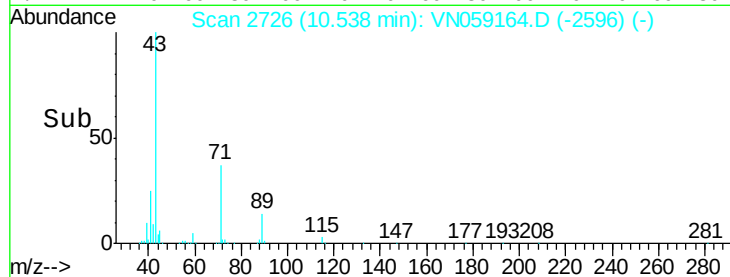
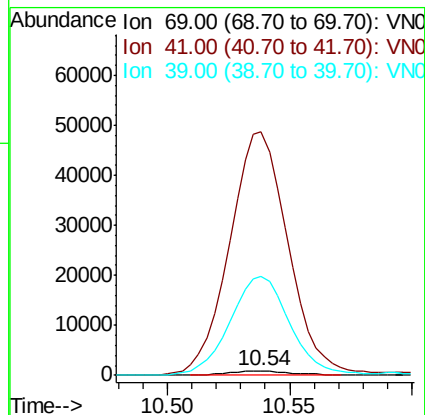
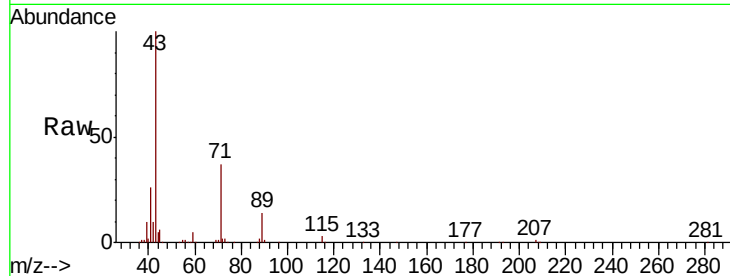
Tot Ion: 69 Resp: 1543

Ion Ratio Lower Upper

69 100

41 5331.2 53.6 80.4#

39 2191.0 26.2 39.4#



#57

1,3-Dichloropropane

Concen: 0.941 ug/l

RT: 10.76 min Scan# 2794

Delta R.T. 0.06 min

Lab File: VN059164.D

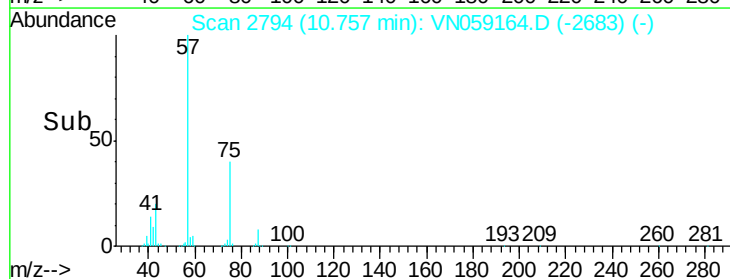
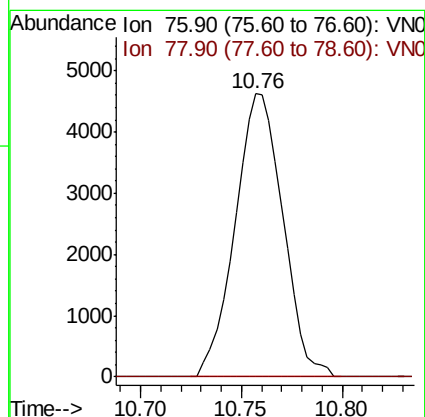
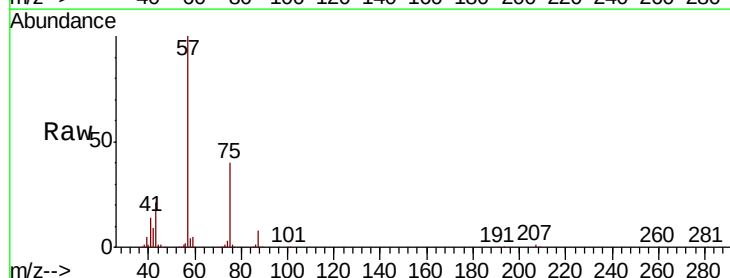
Acq: 11 Nov 2019 16:22

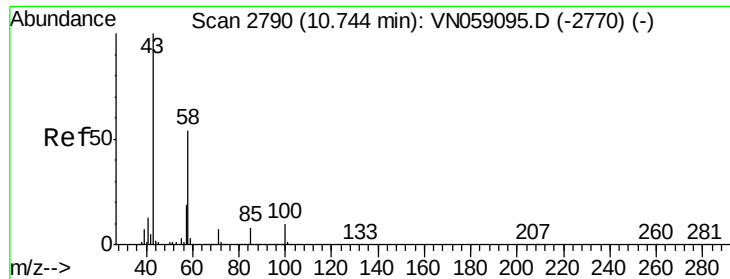
Tgt Ion: 76 Resp: 7678

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.8#

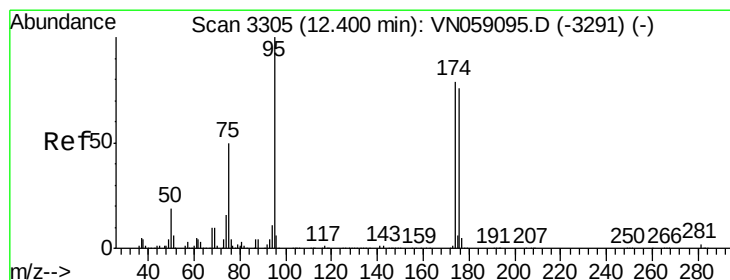
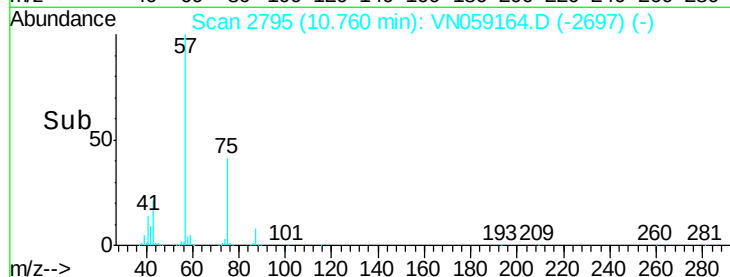
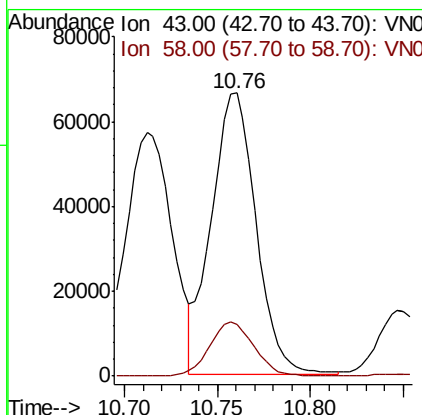
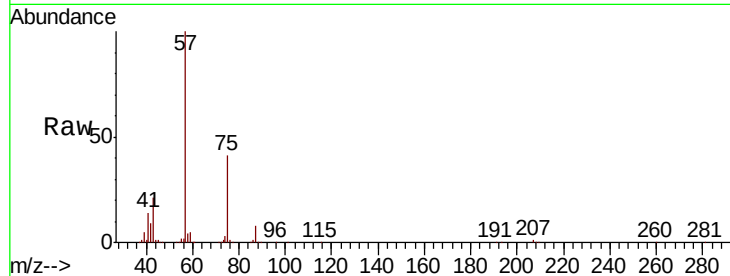




#59
2-Hexanone
Concen: 22.244 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.02 min
Lab File: VN059164.D
Acq: 11 Nov 2019 16:22

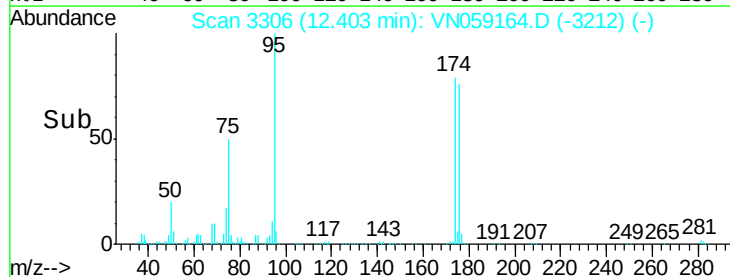
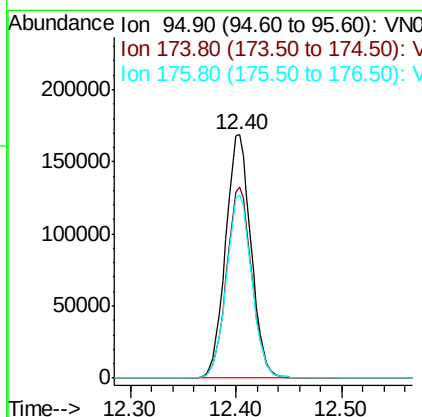
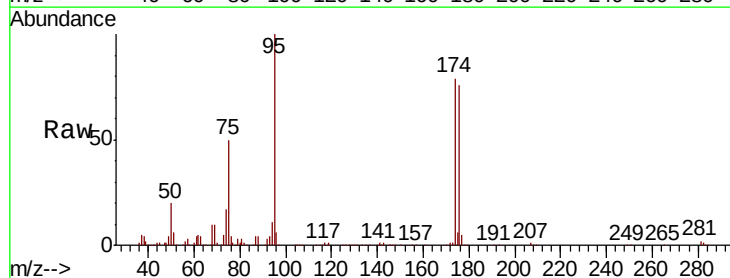
Instrument :
MSVOA_N
ClientSampled :
3425

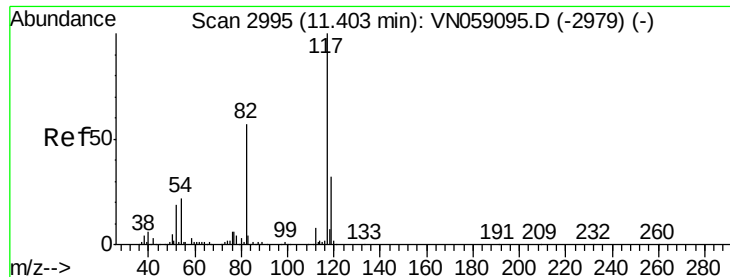
Tot Ion: 43 Resp: 111146
Ion Ratio Lower Upper
43 100
58 19.3 27.3 81.8#



#62
4-Bromofluorobenzene
Concen: 47.730 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN059164.D
Acq: 11 Nov 2019 16:22

Tgt Ion: 95 Resp: 280913
Ion Ratio Lower Upper
95 100
174 77.7 0.0 158.2
176 75.1 0.0 151.8

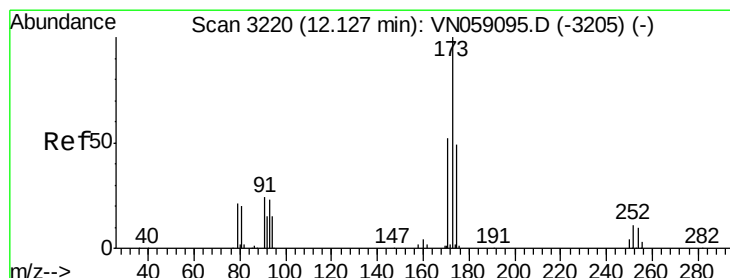
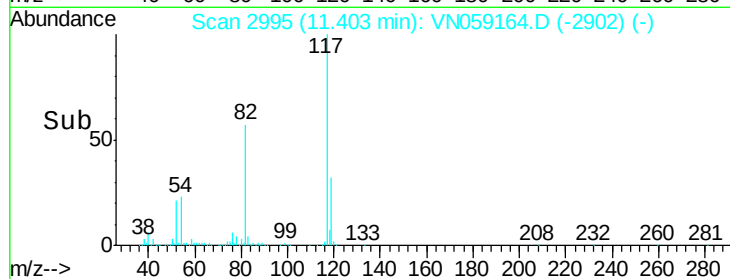
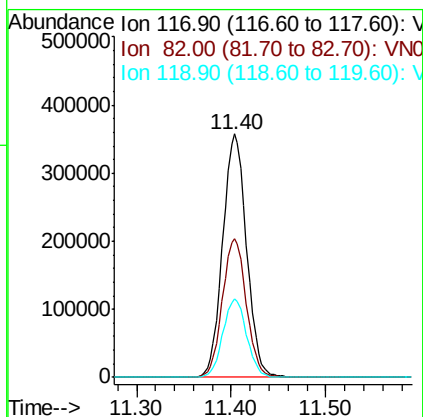
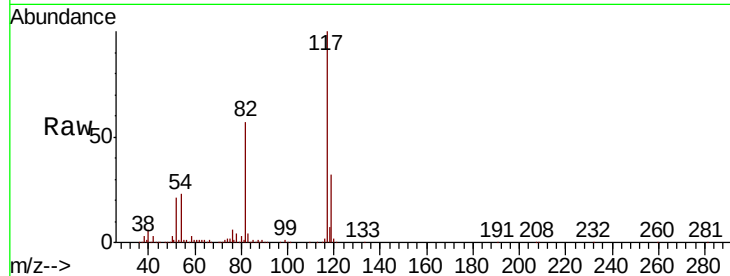




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN059164.D
Acq: 11 Nov 2019 16:22

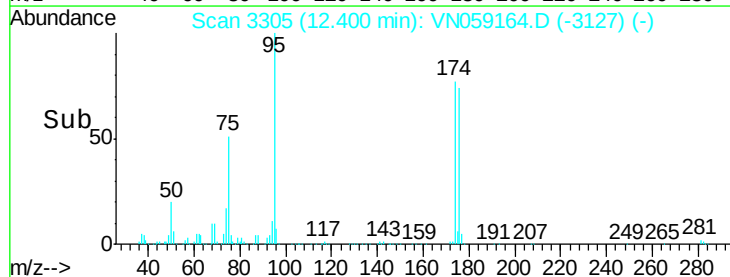
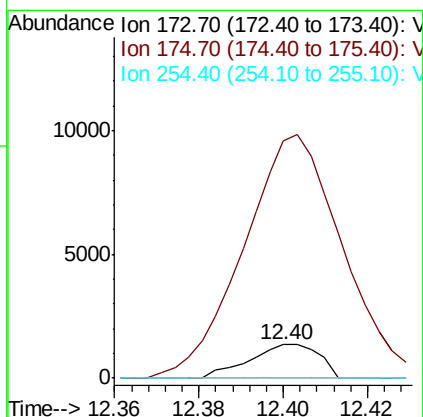
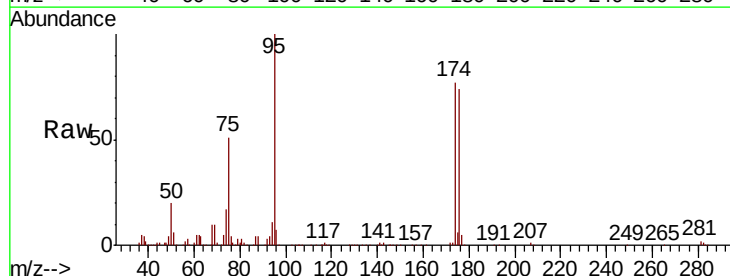
Instrument :
MSVOA_N
ClientSampled :
3425

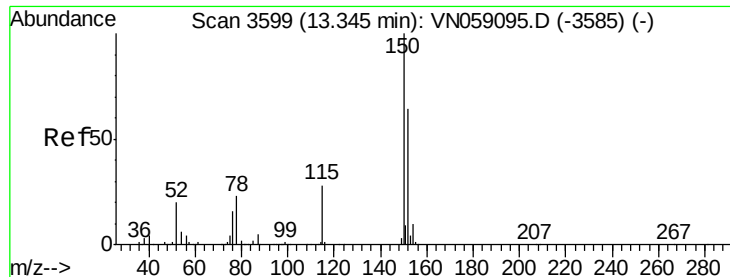
Tot Ion:117 Resp: 626228
Ion Ratio Lower Upper
117 100
82 57.2 45.8 68.8
119 32.1 25.8 38.6



#71
Bromoform
Concen: 0.435 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN059164.D
Acq: 11 Nov 2019 16:22

Tgt Ion:173 Resp: 1549
Ion Ratio Lower Upper
173 100
175 888.3 24.2 72.6#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059164.D

Acq: 11 Nov 2019 16:22

Instrument :

MSVOA_N

ClientSampled :

3425

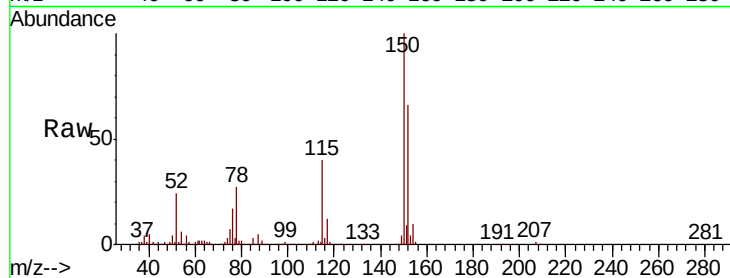
Tot Ion:152 Resp: 233316

Ion Ratio Lower Upper

152 100

115 59.4 29.4 88.2

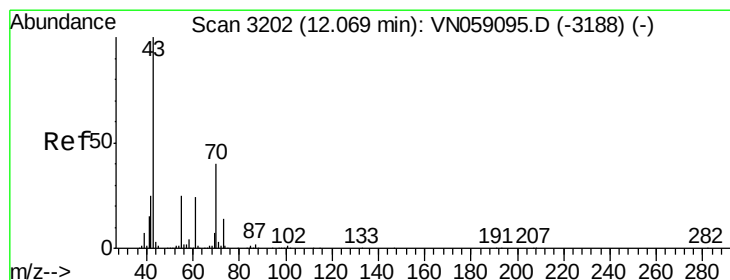
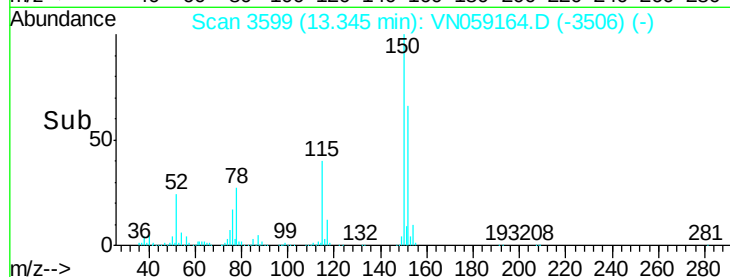
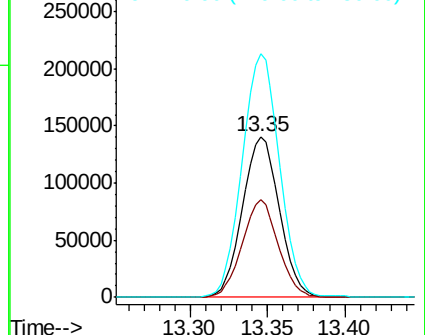
150 154.5 0.0 345.8



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



#74

N-ethyl acetate

Concen: 0.763 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN059164.D

Acq: 11 Nov 2019 16:22

Tgt Ion: 43 Resp: 5490

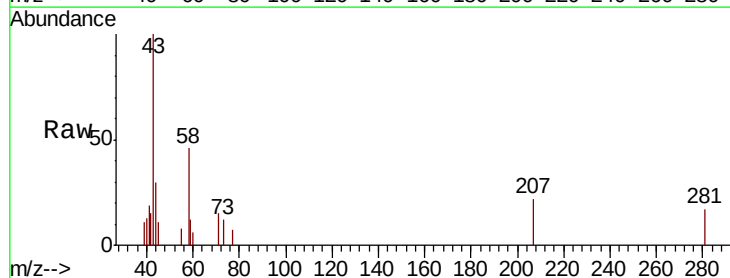
Ion Ratio Lower Upper

43 100

70 0.0 32.2 48.4#

55 4.6 20.4 30.6#

61 0.0 19.3 28.9#

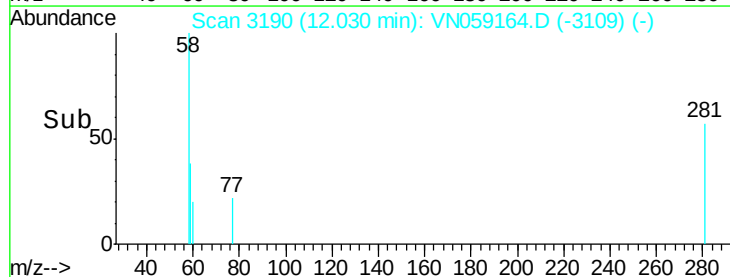
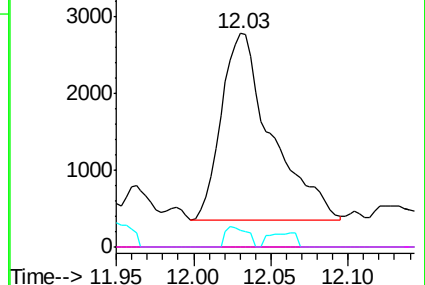


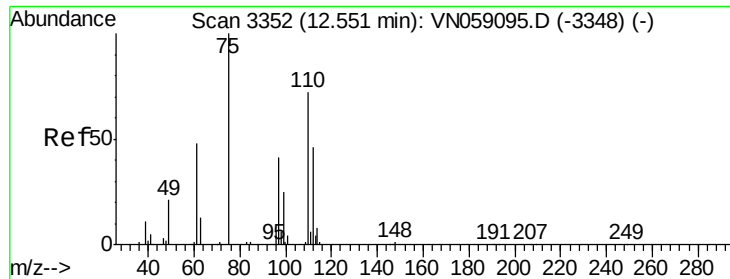
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

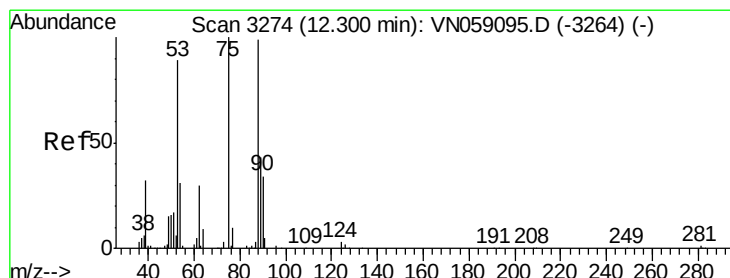
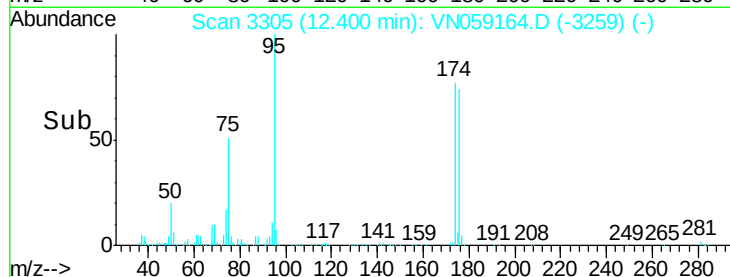
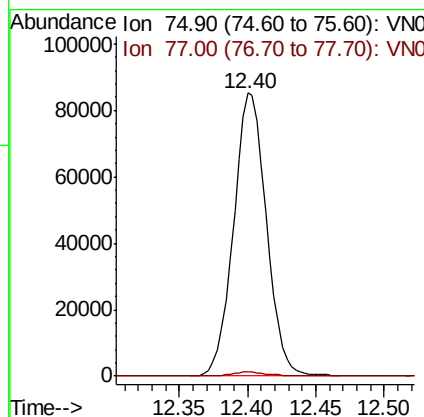
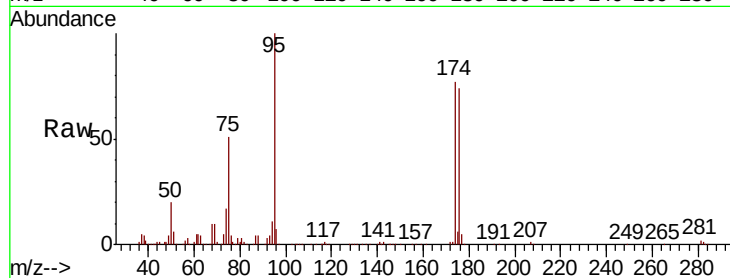




#76
 1,2,3-Trichloropropane
 Concen: 26.813 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN059164.D
 Acq: 11 Nov 2019 16:22

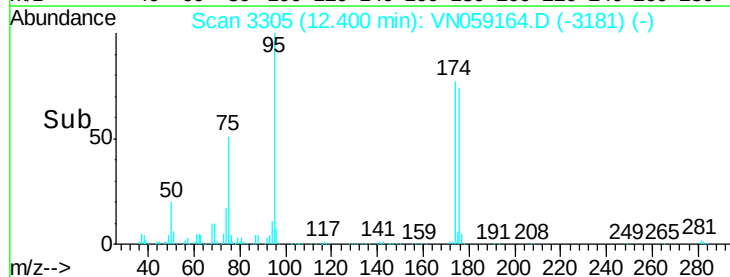
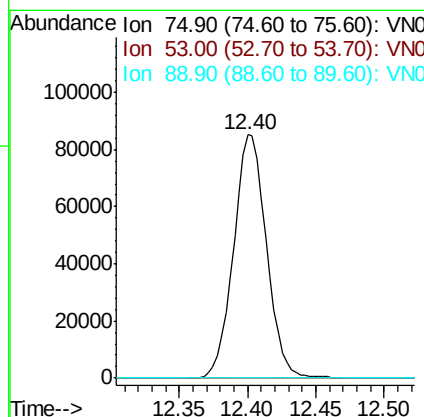
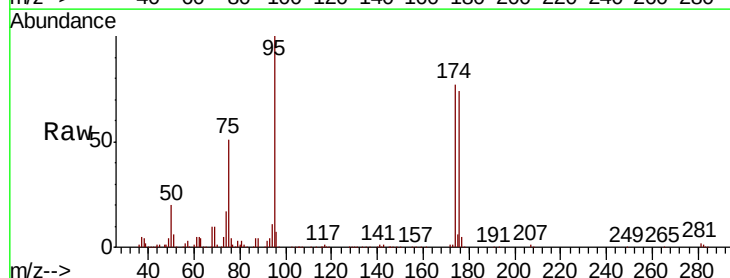
Instrument :
 MSVOA_N
 ClientSampleId :
 3425

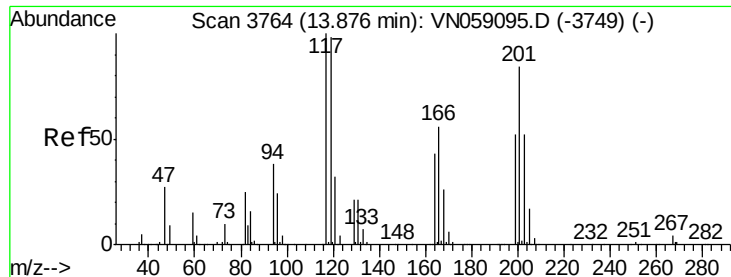
Tot Ion: 75 Resp: 142428
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.822 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN059164.D
 Acq: 11 Nov 2019 16:22

Tgt Ion: 75 Resp: 142428
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.2 108.2#
 89 0.0 35.8 53.8#





#90

Hexachloroethane

Concen: 0.233 ug/l

RT: 14.00 min Scan# 3803

Delta R.T. 0.13 min

Lab File: VN059164.D

Acq: 11 Nov 2019 16:22

Instrument :

MSVOA_N

ClientSampled :

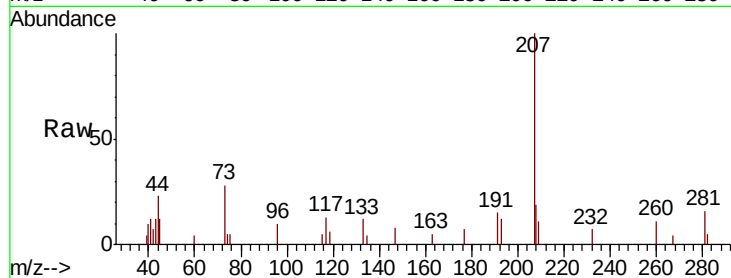
3425

Tot Ion:117 Resp: 666

Ion Ratio Lower Upper

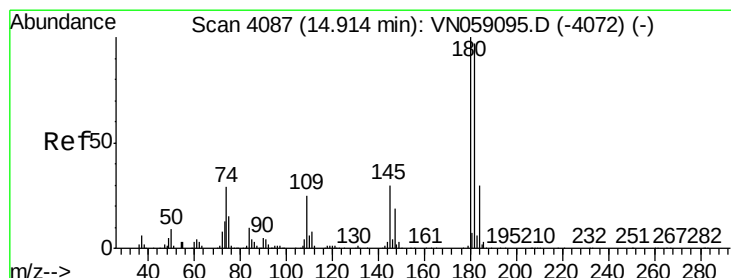
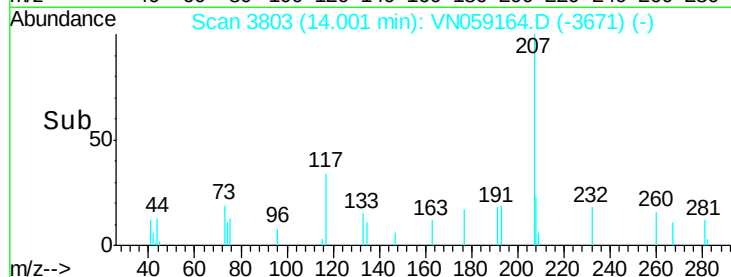
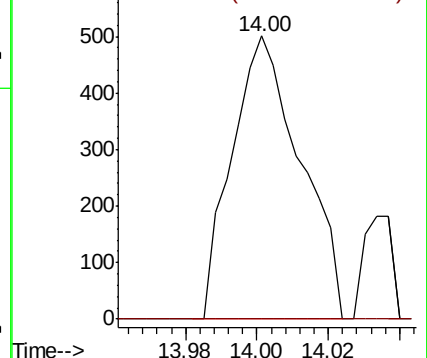
117 100

201 0.0 41.8 125.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#93

1,2,4-Trichlorobenzene

Concen: 3.083 ug/l

RT: 14.92 min Scan# 4088

Delta R.T. 0.00 min

Lab File: VN059164.D

Acq: 11 Nov 2019 16:22

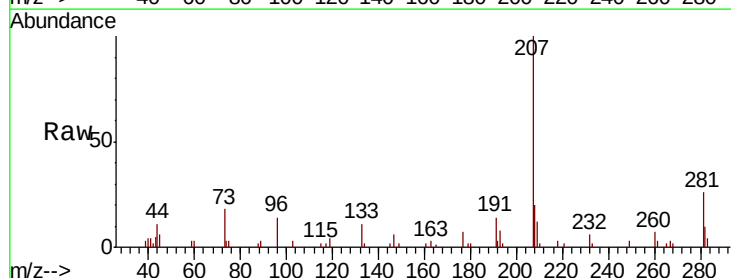
Tgt Ion:180 Resp: 170

Ion Ratio Lower Upper

180 100

182 18.2 48.1 144.3#

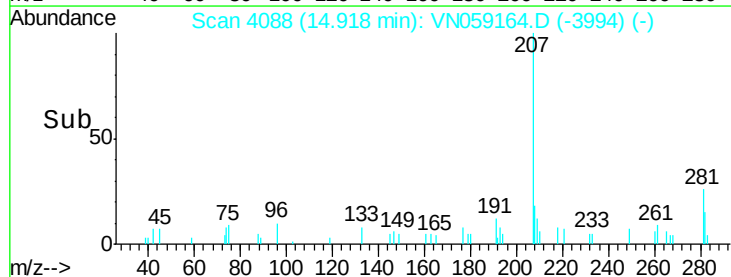
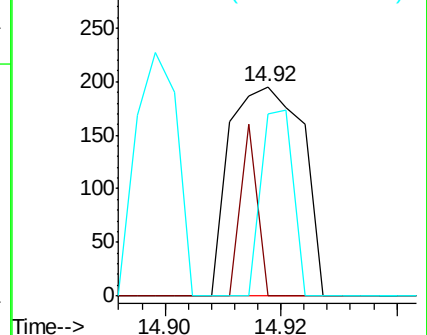
145 38.8 15.1 45.3

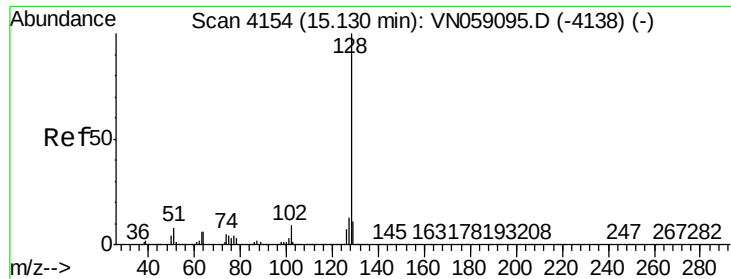


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

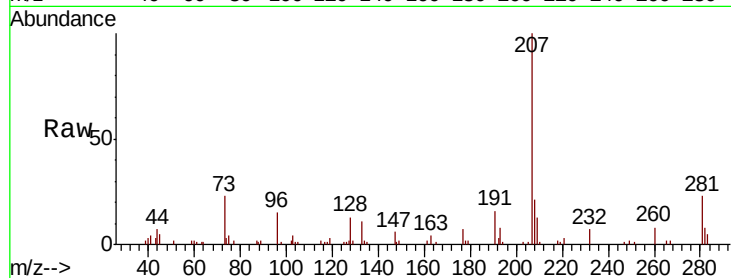




#95
Naphthalene
Concen: 3.314 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059164.D
Acq: 11 Nov 2019 16:22

Instrument :
MSVOA_N
ClientSampleId :
3425

Tot Ion:128 Resp: 3468
Ion Ratio Lower Upper
128 100
127 13.6 10.2 15.2
129 12.7 8.6 12.8



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

