

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121719\
 Data File : VN059628.D
 Acq On : 17 Dec 2019 16:36
 Operator : JC/SP
 Sample : K6310-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-01

Quant Time: Dec 18 05:48:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	236352	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	382951	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	346875	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	132053	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	172459	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
35) Dibromofluoromethane	7.57	113	122488	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
50) Toluene-d8	10.08	98	481000	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
62) 4-Bromofluorobenzene	12.40	95	157422	45.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.96%	

Target Compounds

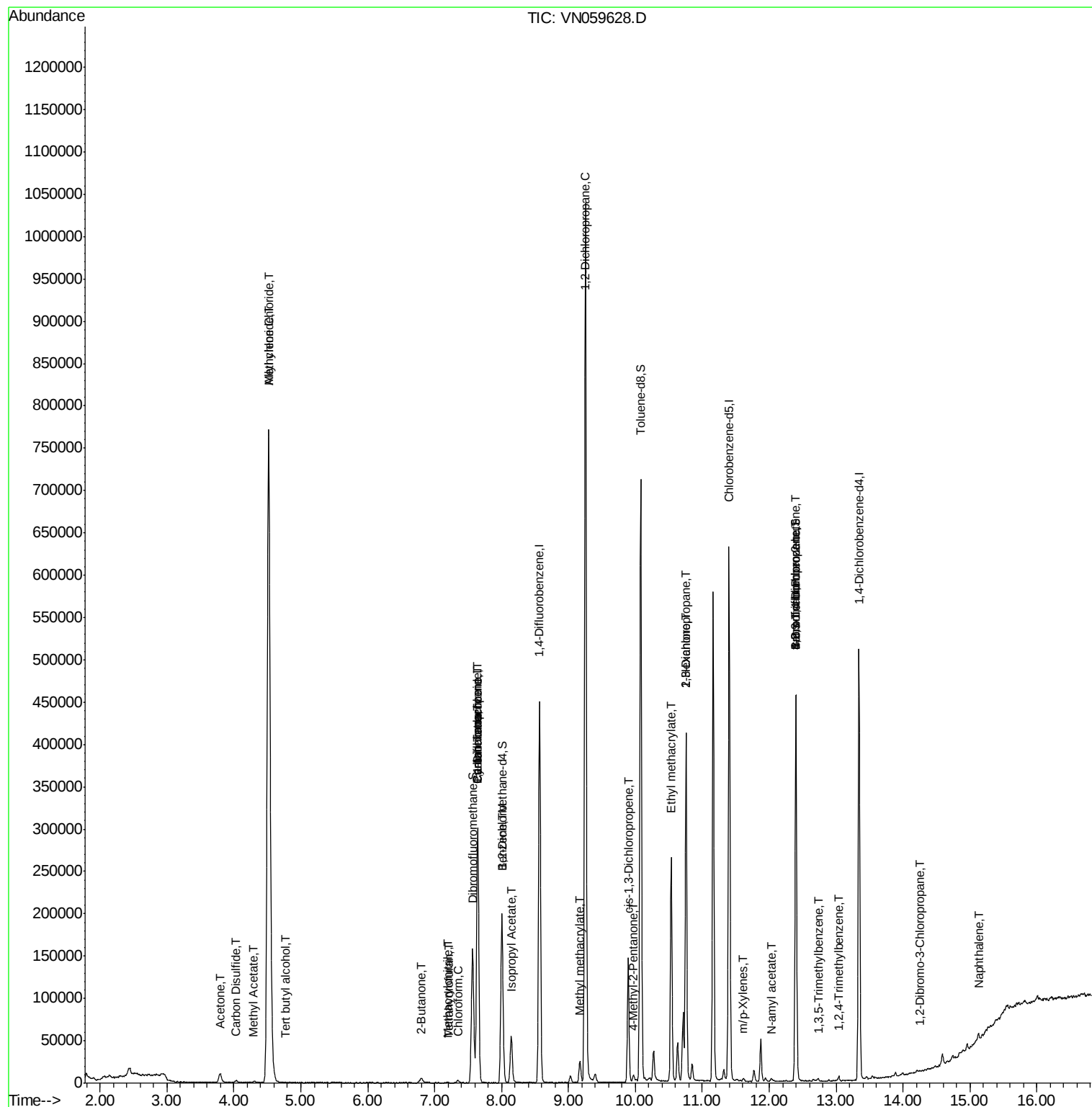
						Qvalue
11) Tert butyl alcohol	4.77	59	177	0.281	ug/l #	72
14) Allyl chloride	4.52	41	21840	4.292	ug/l #	23
16) Acetone	3.79	43	18610	9.114	ug/l	99
17) Carbon Disulfide	4.02	76	2376	2.139	ug/l #	75
18) Methyl Acetate	4.30	43	3381	0.790	ug/l #	69
20) Methylene Chloride	4.52	84	580455	196.829	ug/l	99
25) 2-Butanone	6.81	43	1504	0.616	ug/l	94
29) Tetrahydrofuran	7.20	42	475	0.319	ug/l #	35
30) Chloroform	7.35	83	3062	0.585	ug/l	96
31) Cyclohexane	7.64	56	5407	1.077	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	19745	4.944	ug/l #	50
38) Carbon Tetrachloride	7.64	117	23131	5.582	ug/l #	16
40) Benzene	8.02	78	3005	0.257	ug/l	96
41) Methacrylonitrile	7.19	41	512	0.267	ug/l #	100
43) Isopropyl Acetate	8.14	43	64713	8.967	ug/l #	91
45) 1,2-Dichloropropane	9.26	63	1117	0.354	ug/l #	44
48) Methyl methacrylate	9.17	41	4659	1.423	ug/l #	13
51) 4-Methyl-2-Pentanone	9.97	43	6182	1.437	ug/l	96
54) cis-1,3-Dichloropropene	9.89	75	24288	4.853	ug/l #	64
56) Ethyl methacrylate	10.54	69	928	0.222	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	3896	0.795	ug/l #	42
59) 2-Hexanone	10.76	43	61005	17.990	ug/l #	53
68) m/p-Xylenes	11.62	106	1052	0.210	ug/l	89
71) Bromoform	12.40	173	1130	0.527	ug/l #	1
74) N-amyl acetate	12.03	43	3031	0.637	ug/l #	45
76) 1,2,3-Trichloropropane	12.40	75	84003	25.696	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	1922	0.219	ug/l	89
81) trans-1,4-Dichloro-2-buten	12.40	75	84003	63.467	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	3916	0.449	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	14.26	75	245	1.881	ug/l #	6
95) Naphthalene	15.12	128	5825	0.654	ug/l	95

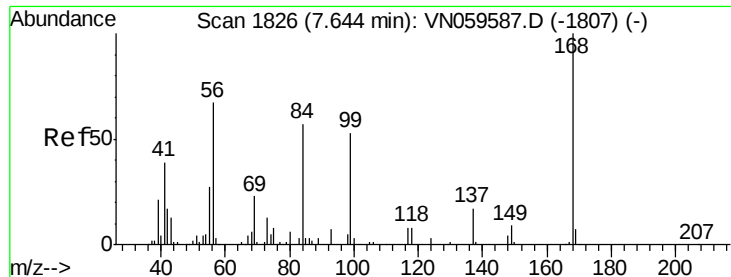
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 13 23:17:39 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: VN059628.D

Acq: 17 Dec 2019 16:36

Instrument :

MSVOA_N

ClientSampled :

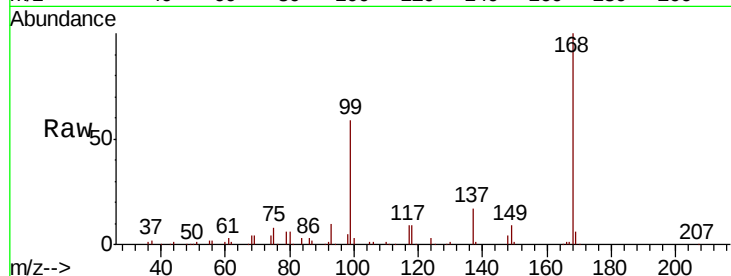
SP-01

Tot Ion:168 Resp: 236352

Ion Ratio Lower Upper

168 100

99 59.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

100000

80000

60000

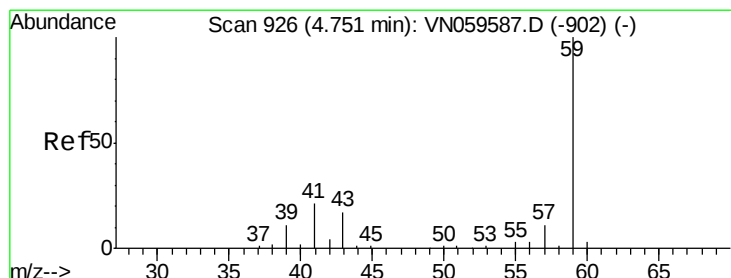
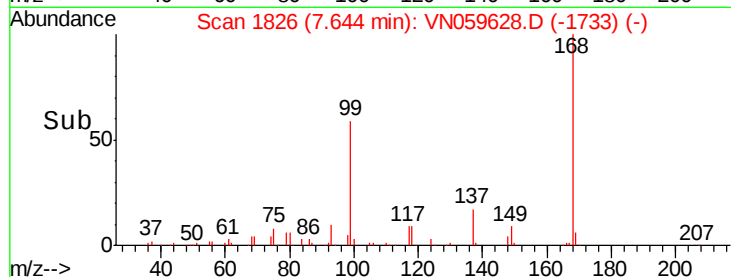
40000

20000

0

7.60 7.70

Time-->



#11

Tert butyl alcohol

Concen: 0.281 ug/l

RT: 4.77 min Scan# 931

Delta R.T. 0.02 min

Lab File: VN059628.D

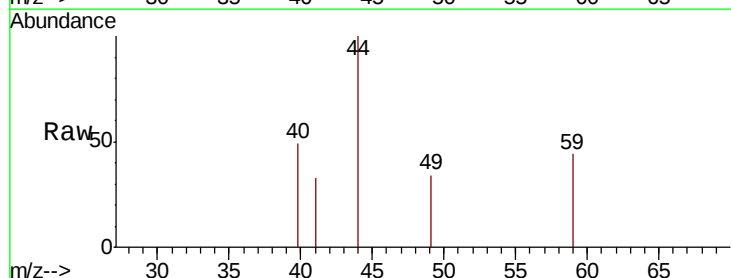
Acq: 17 Dec 2019 16:36

Tgt Ion: 59 Resp: 177

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

250

200

150

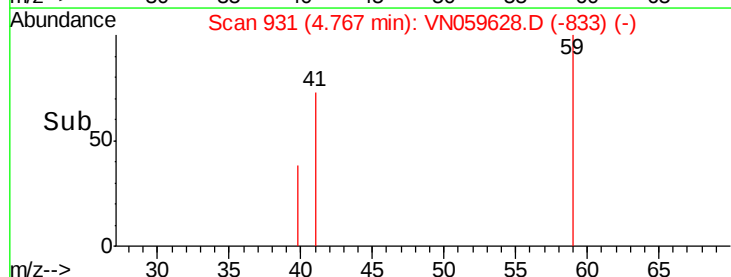
100

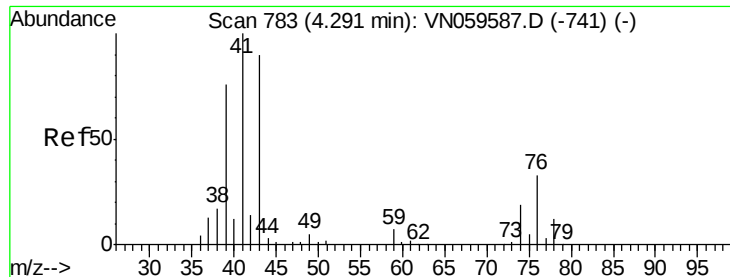
50

0

4.75 4.76 4.77 4.78

Time-->

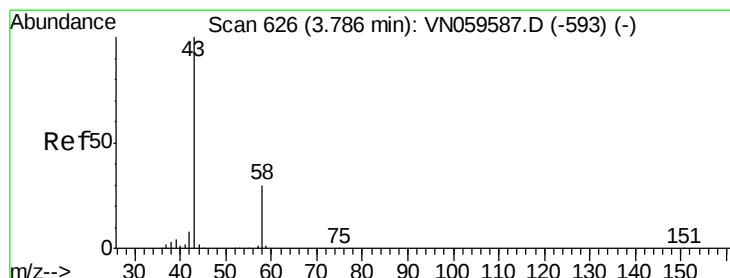
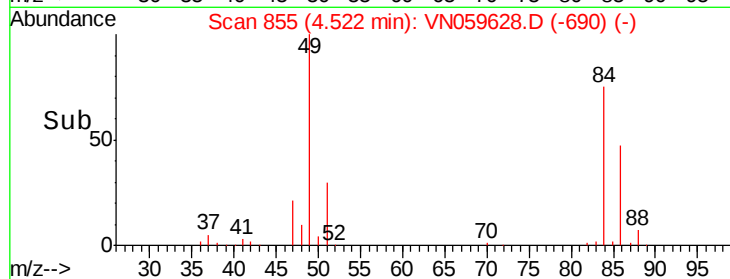
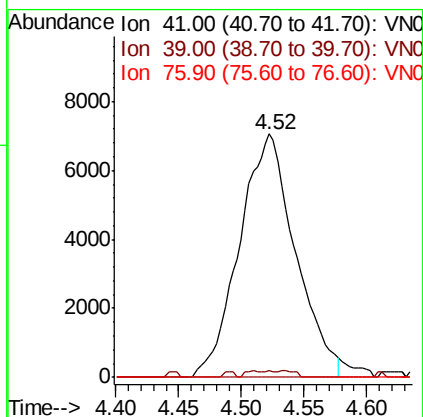
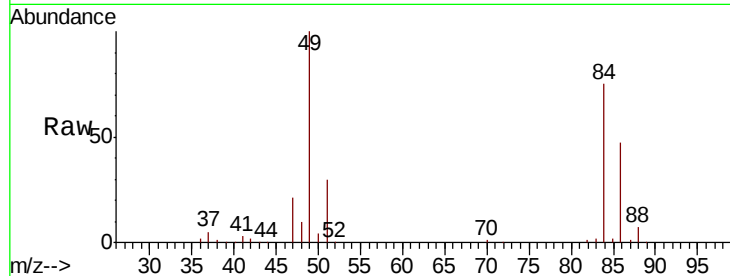




#14
Allvl chloride
Concen: 4.292 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.23 min
Lab File: VN059628.D
Acq: 17 Dec 2019 16:36

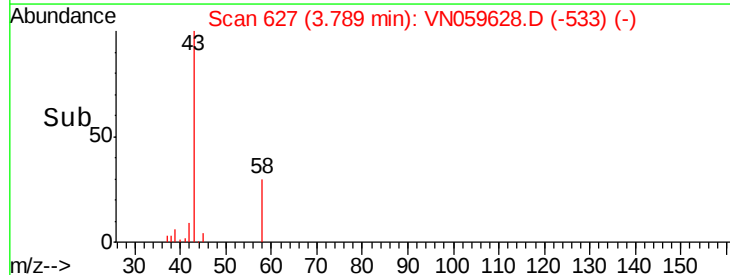
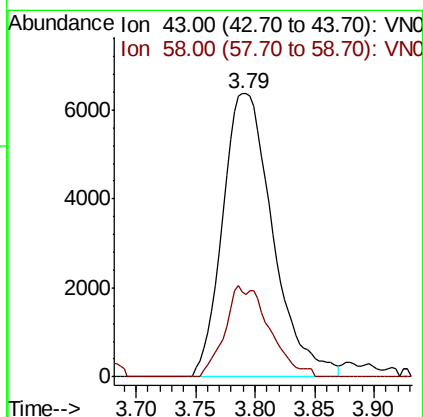
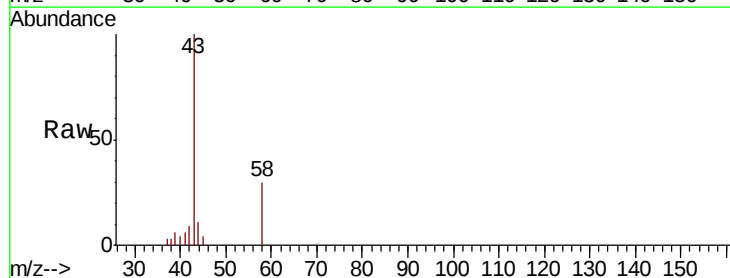
Instrument :
MSVOA_N
ClientSampled :
SP-01

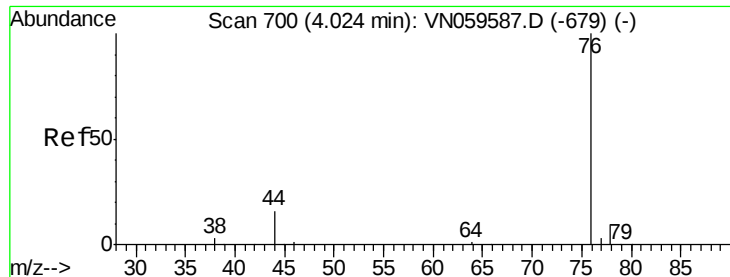
Tot Ion: 41 Resp: 21840
Ion Ratio Lower Upper
41 100
39 0.7 57.8 86.8#
76 0.0 25.4 38.0#



#16
Acetone
Concen: 9.114 ug/l
RT: 3.79 min Scan# 627
Delta R.T. 0.00 min
Lab File: VN059628.D
Acq: 17 Dec 2019 16:36

Tgt Ion: 43 Resp: 18610
Ion Ratio Lower Upper
43 100
58 29.9 23.6 35.4





#17

Carbon Disulfide

Concen: 2.139 ug/l

RT: 4.02 min Scan# 698

Delta R.T. -0.01 min

Lab File: VN059628.D

Acq: 17 Dec 2019 16:36

Instrument :

MSVOA_N

ClientSampled :

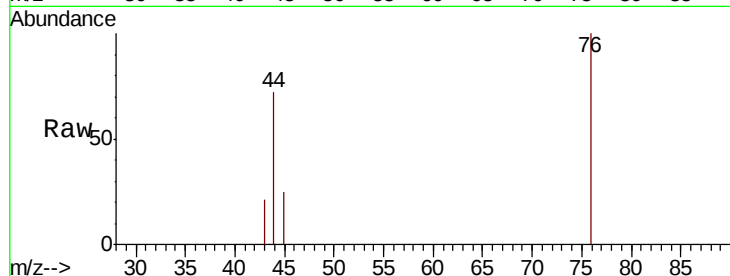
SP-01

Tot Ion: 76 Resp: 2376

Ion Ratio Lower Upper

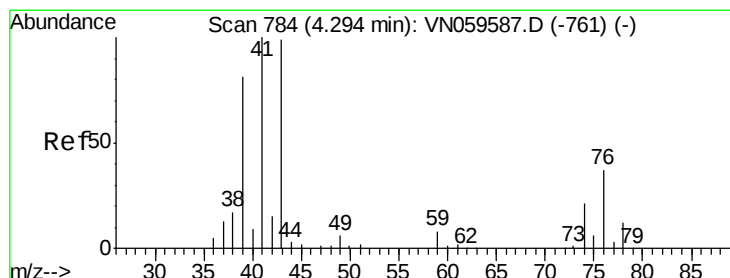
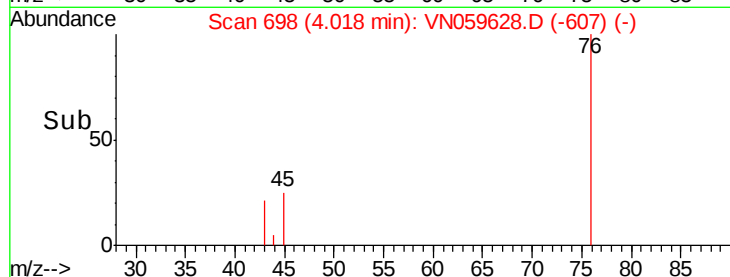
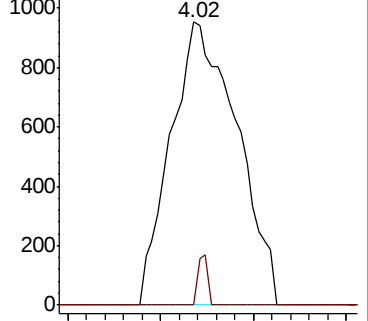
76 100

78 0.0 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 0.790 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN059628.D

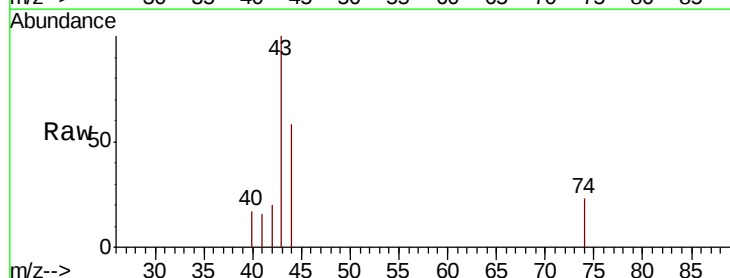
Acq: 17 Dec 2019 16:36

Tgt Ion: 43 Resp: 3381

Ion Ratio Lower Upper

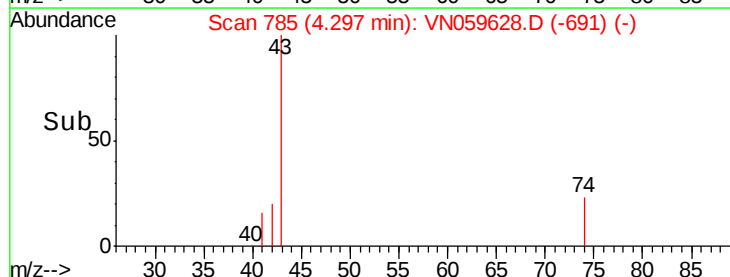
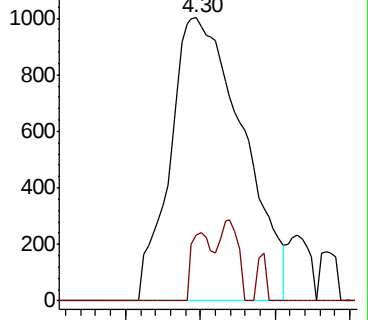
43 100

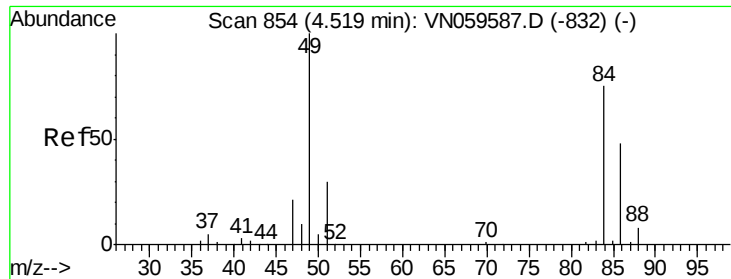
74 7.1 17.5 26.3#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

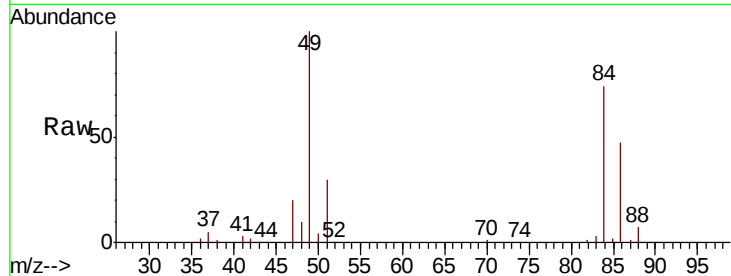




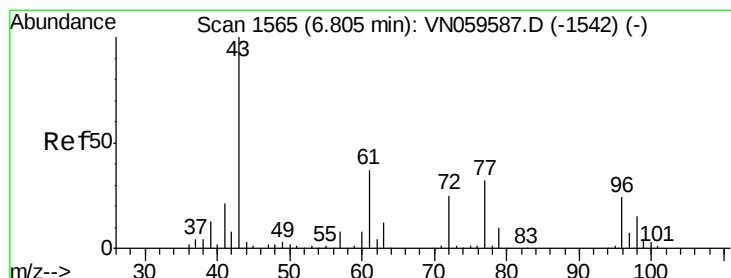
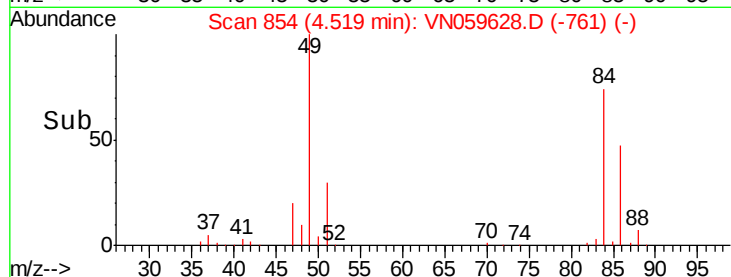
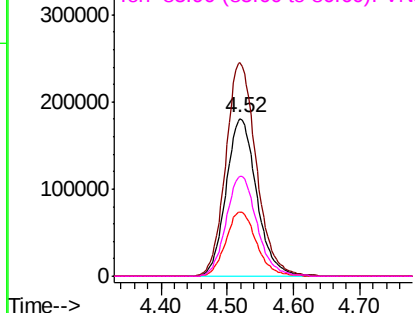
#20
Methvlene Chloride
Concen: 196.829 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059628.D
Acq: 17 Dec 2019 16:36

Instrument :
MSVOA_N
ClientSampled :
SP-01

Tot Ion:	84	Resp:	580455
Ion	Ratio	Lower	Upper
84	100		
49	135.1	106.6	160.0
51	40.8	31.9	47.9
86	63.5	50.8	76.2

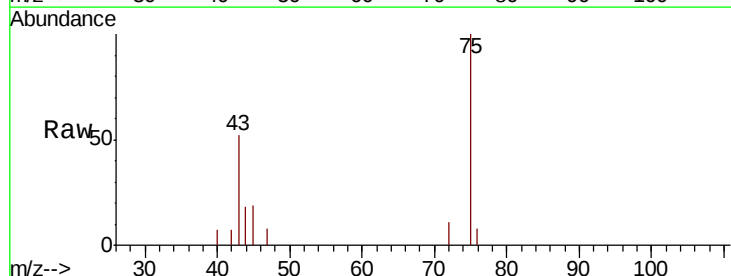


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

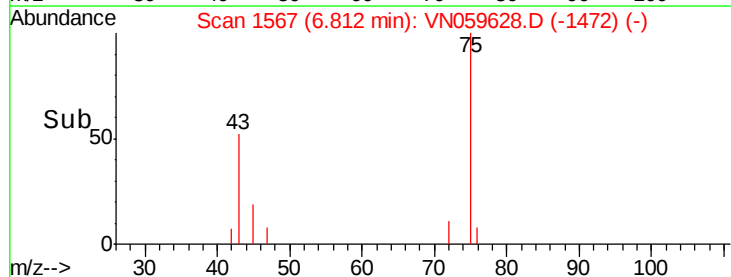
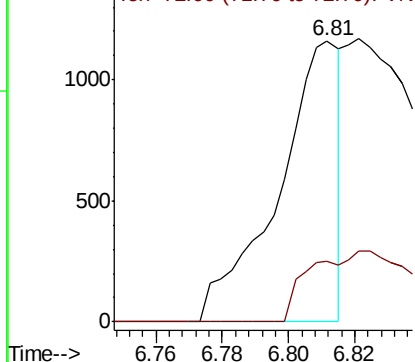


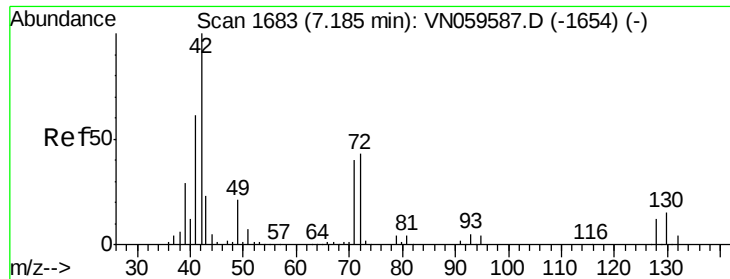
#25
2-Butanone
Concen: 0.616 ug/l
RT: 6.81 min Scan# 1567
Delta R.T. 0.01 min
Lab File: VN059628.D
Acq: 17 Dec 2019 16:36

Tgt Ion:	43	Resp:	1504
Ion	Ratio	Lower	Upper
43	100		
72	21.8	19.9	29.9



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 72.00 (71.70 to 72.70): VNO





#29

Tetrahydrofuran

Concen: 0.319 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. 0.02 min

Lab File: VN059628.D

Acq: 17 Dec 2019 16:36

Instrument :

MSVOA_N

ClientSampled :

SP-01

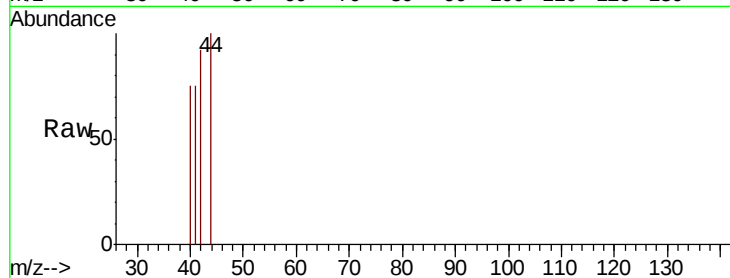
Tot Ion: 42 Resp: 475

Ion Ratio Lower Upper

42 100

72 0.0 33.1 49.7#

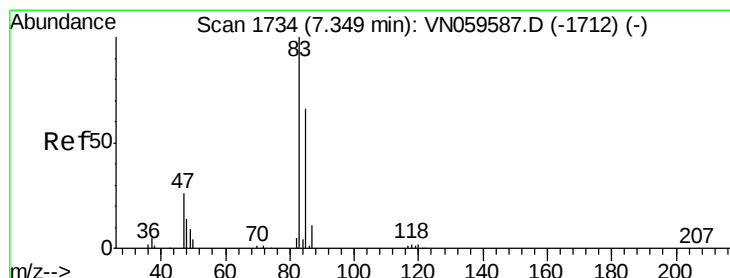
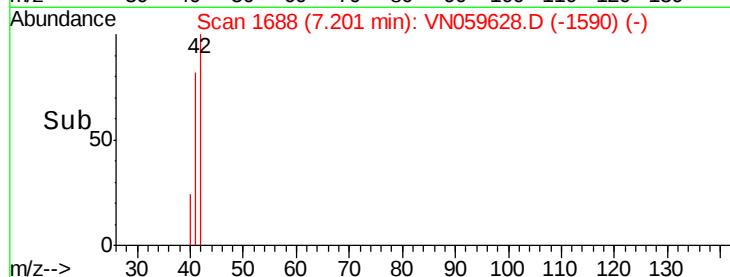
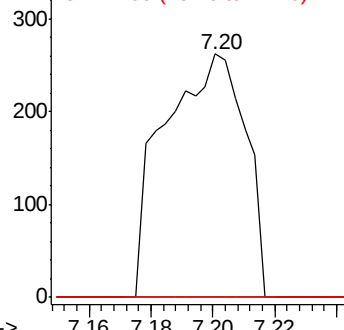
71 0.0 31.4 47.0#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 0.585 ug/l

RT: 7.35 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VN059628.D

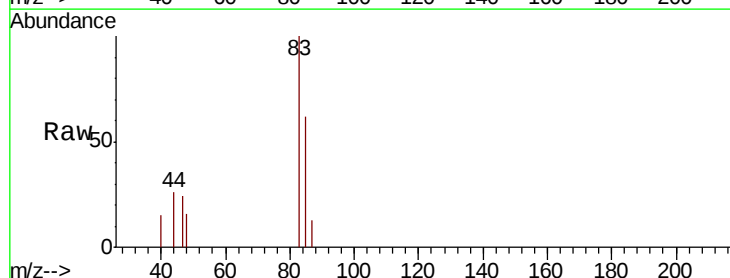
Acq: 17 Dec 2019 16:36

Tgt Ion: 83 Resp: 3062

Ion Ratio Lower Upper

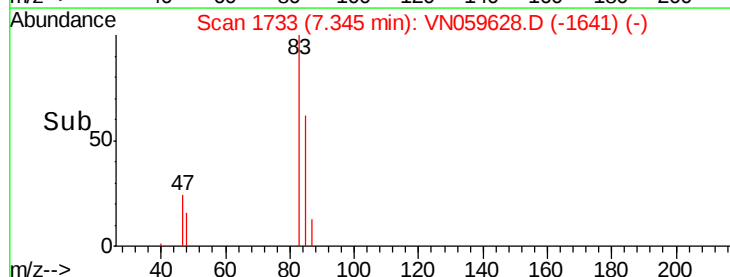
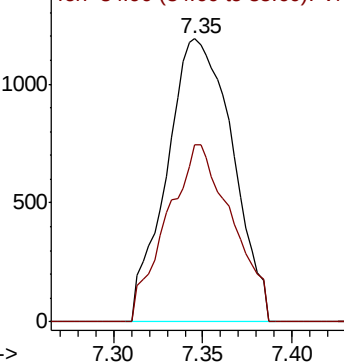
83 100

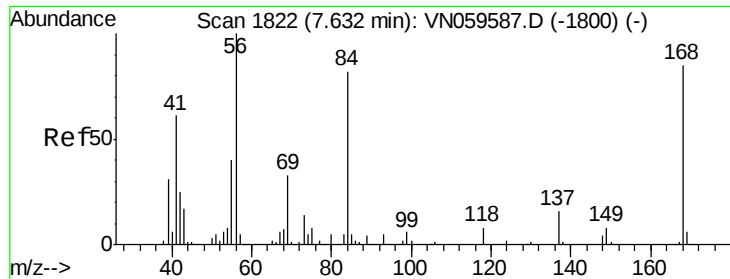
85 62.4 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

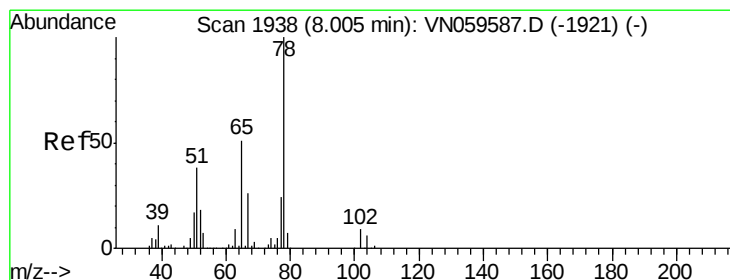
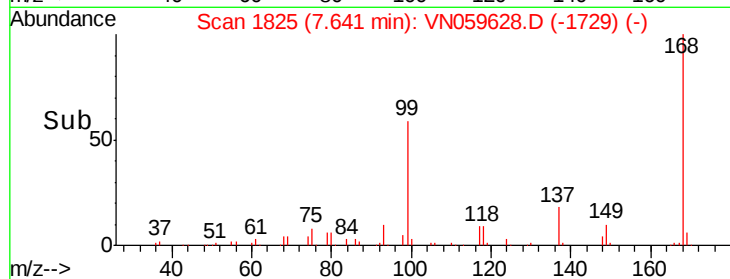
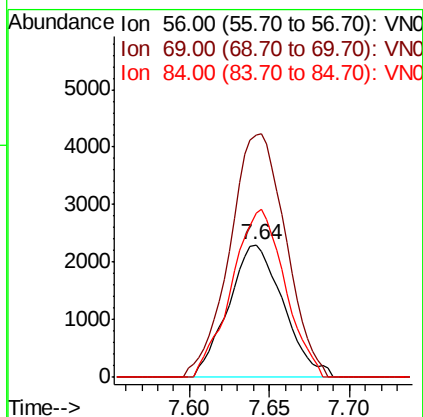
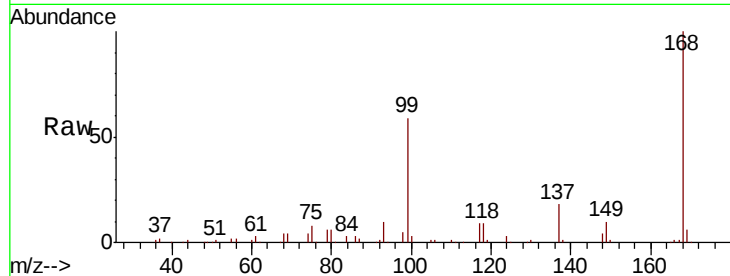




#31
Cyclohexane
Concen: 1.077 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.01 min
Lab File: VN059628.D
Acq: 17 Dec 2019 16:36

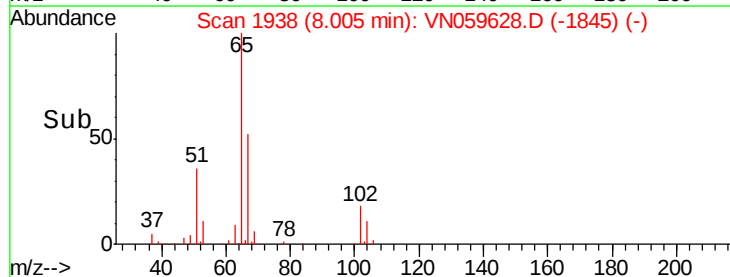
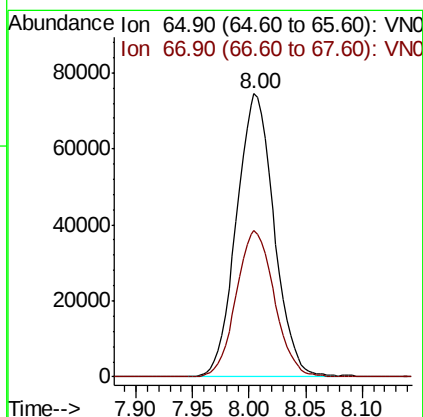
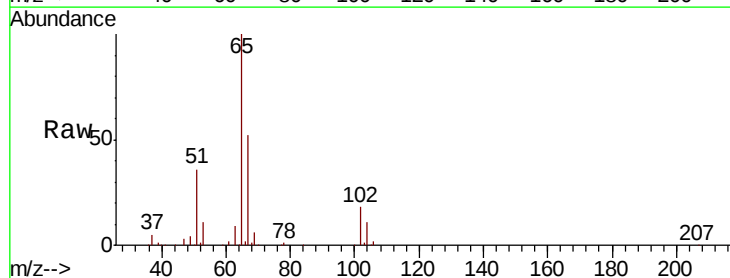
Instrument :
MSVOA_N
ClientSampled :
SP-01

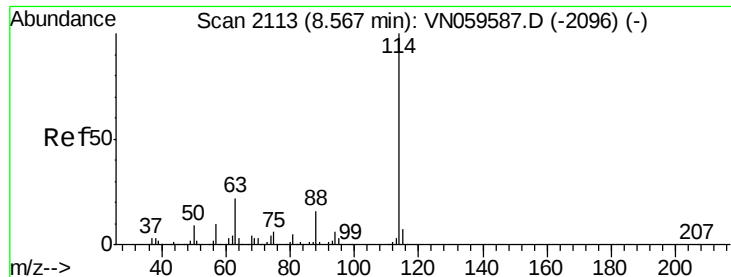
Tot Ion: 56 Resp: 5407
Ion Ratio Lower Upper
56 100
69 182.4 26.5 39.7#
84 124.0 65.3 97.9#



#33
1,2-Dichloroethane-d4
Concen: 50.144 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN059628.D
Acq: 17 Dec 2019 16:36

Tgt Ion: 65 Resp: 172459
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.0

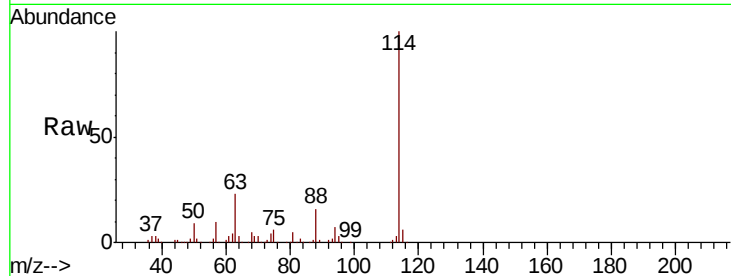




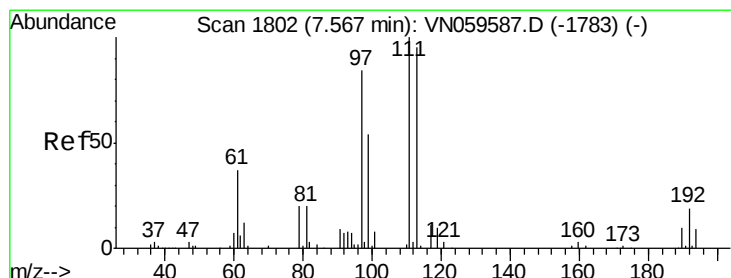
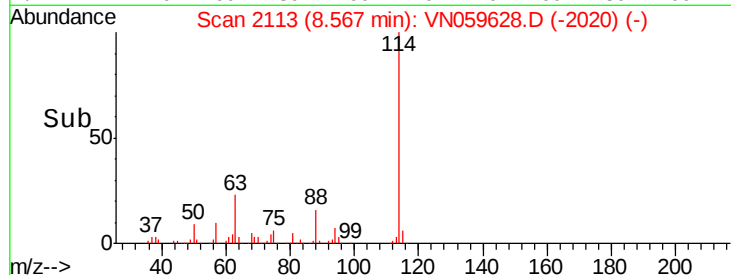
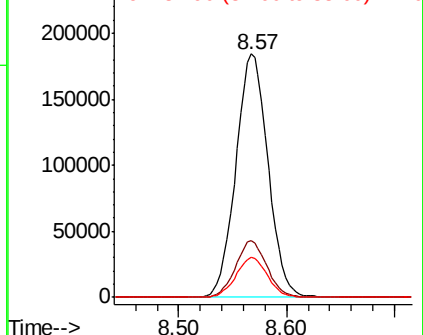
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. -0.00 min
Lab File: VN059628.D
Acq: 17 Dec 2019 16:36

Instrument :
MSVOA_N
ClientSampleId :
SP-01

Tot Ion:114	Resp:	382951
Ion Ratio	Lower	Upper
114 100		
63 23.2	0.0	43.6
88 16.2	0.0	31.4

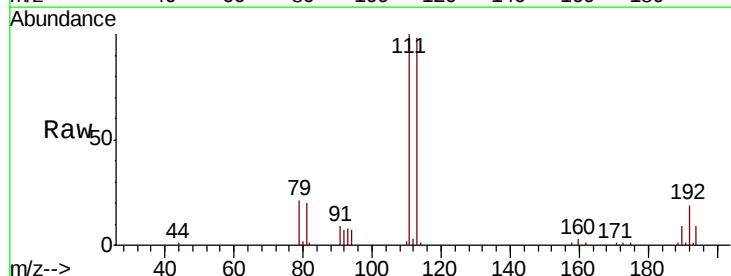


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

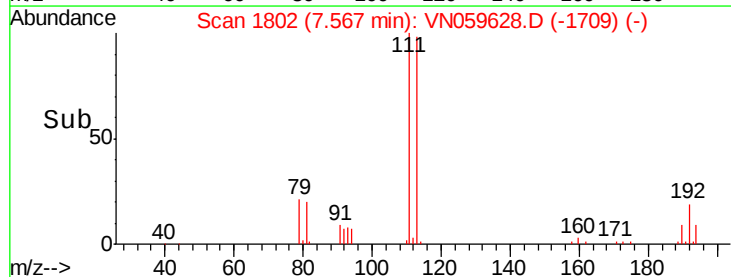
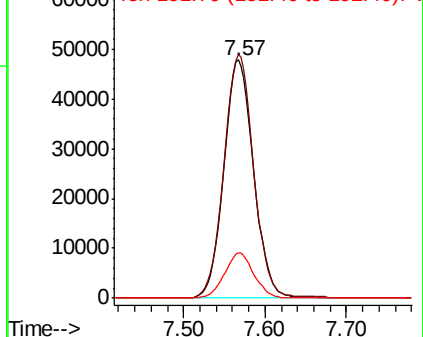


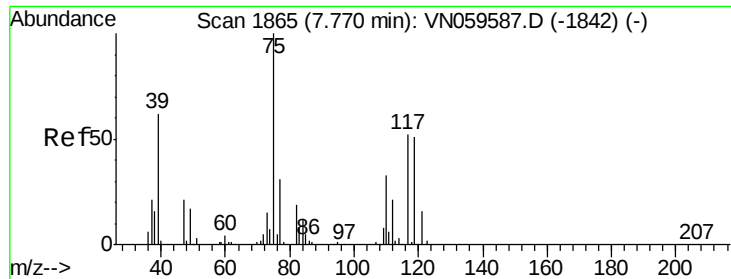
#35
Dibromofluoromethane
Concen: 51.120 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN059628.D
Acq: 17 Dec 2019 16:36

Tgt Ion:113	Resp:	122488
Ion Ratio	Lower	Upper
113 100		
111 101.9	83.5	125.3
192 18.8	15.4	23.2



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

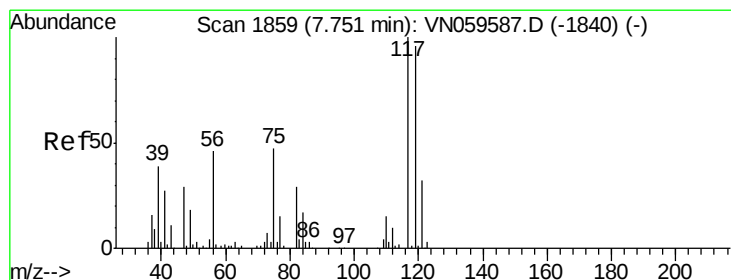
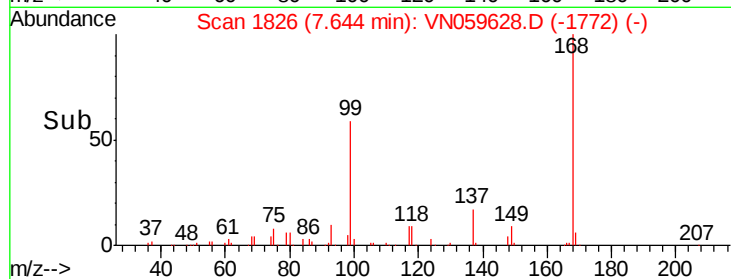
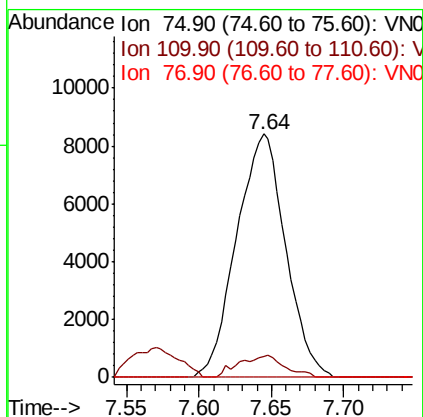
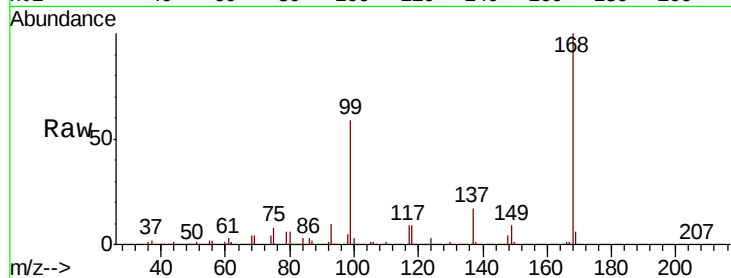




#36
 1,1-Dichloropropene
 Concen: 4.944 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN059628.D
 Acq: 17 Dec 2019 16:36

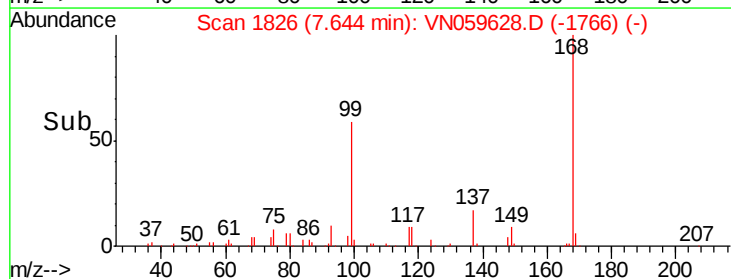
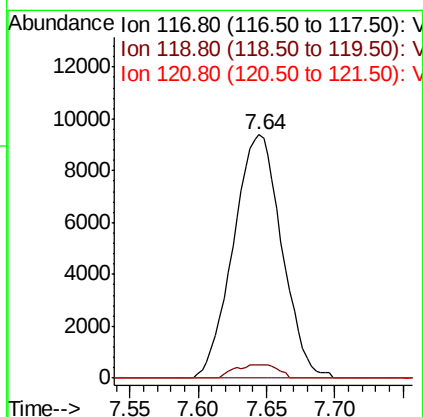
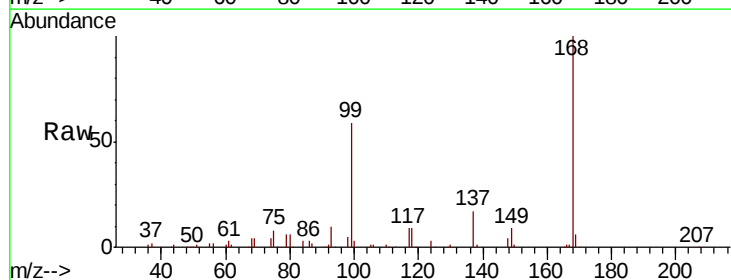
Instrument :
 MSVOA_N
 ClientSampled :
 SP-01

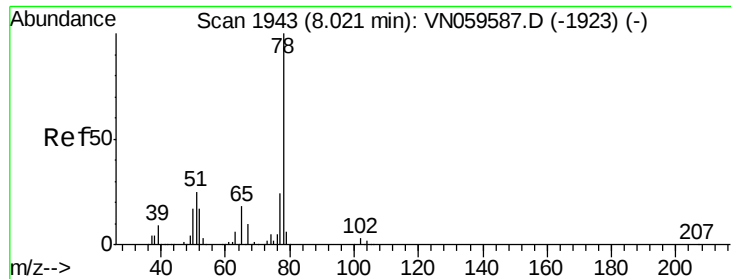
Tot Ion	75	Resp	19745
Ion Ratio	100	Lower	Upper
75	100		
110	8.5	16.6	49.7#
77	0.0	25.1	37.7#



#38
 Carbon Tetrachloride
 Concen: 5.582 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.11 min
 Lab File: VN059628.D
 Acq: 17 Dec 2019 16:36

Tgt Ion	117	Resp	23131
Ion Ratio	100	Lower	Upper
117	100		
119	5.2	76.5	114.7#
121	0.0	25.1	37.7#

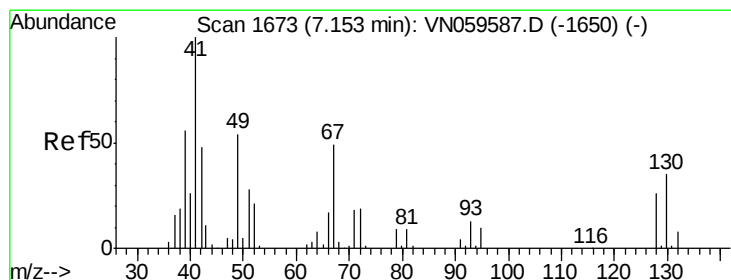
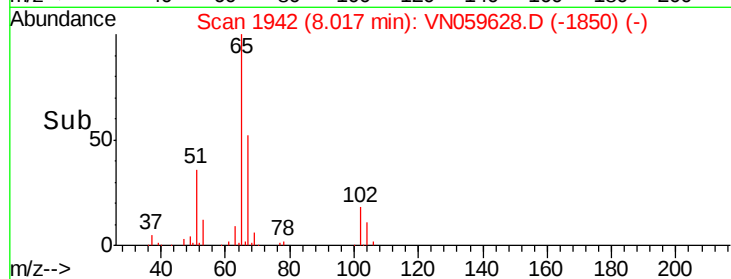
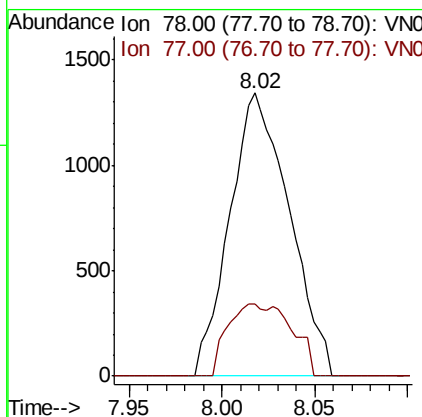
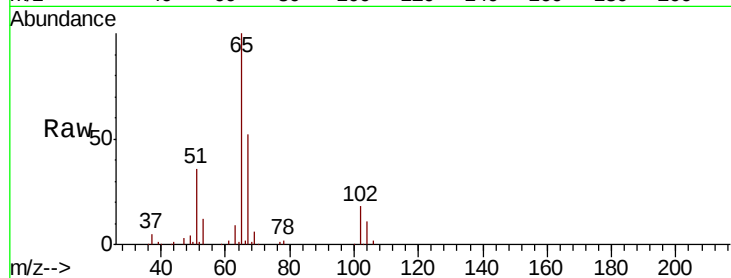




#40
Benzene
Concen: 0.257 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059628.D
Acq: 17 Dec 2019 16:36

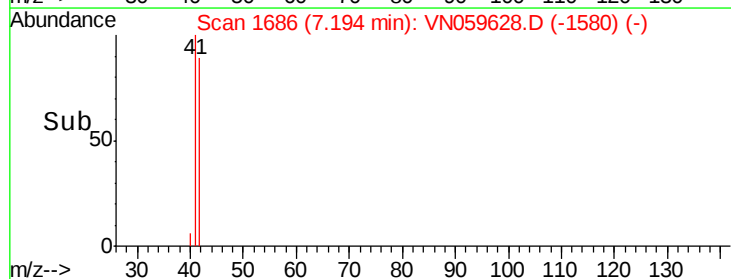
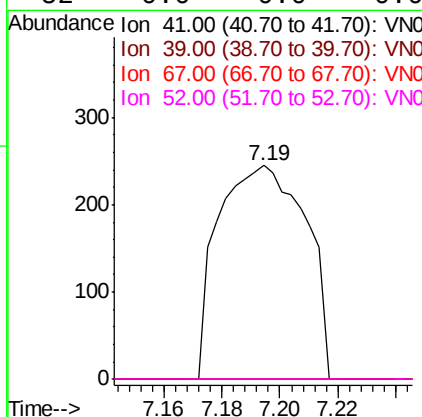
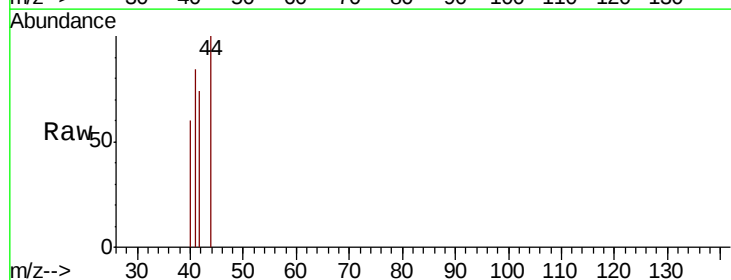
Instrument :
MSVOA_N
ClientSampled :
SP-01

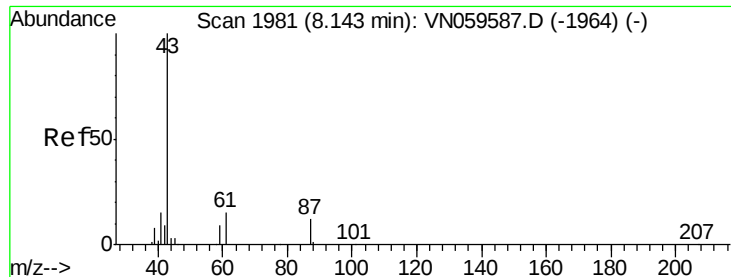
Tot Ion: 78 Resp: 3005
Ion Ratio Lower Upper
78 100
77 25.5 18.9 28.3



#41
Methacrylonitrile
Concen: 0.267 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. 0.04 min
Lab File: VN059628.D
Acq: 17 Dec 2019 16:36

Tgt Ion: 41 Resp: 512
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0





#43

Isopropyl Acetate

Concen: 8.967 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. -0.00 min

Lab File: VN059628.D

Acq: 17 Dec 2019 16:36

Instrument :

MSVOA_N

ClientSampleId :

SP-01

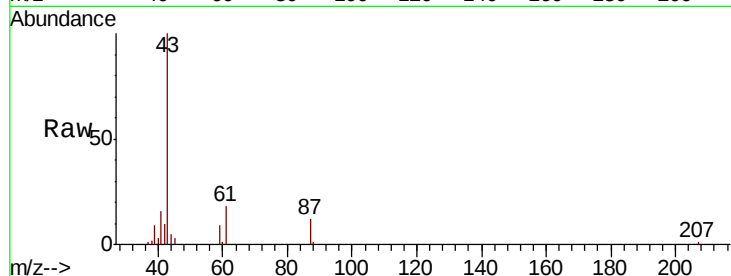
Tot Ion: 43 Resp: 64713

Ion Ratio Lower Upper

43 100

61 18.8 20.2 30.2#

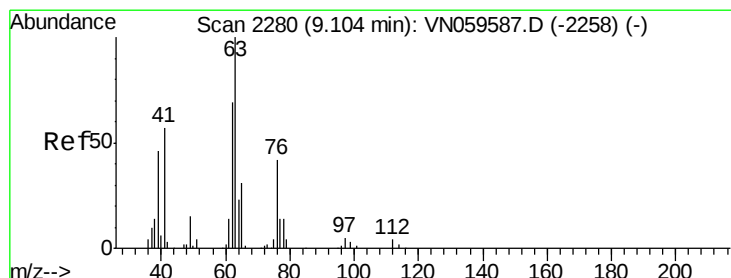
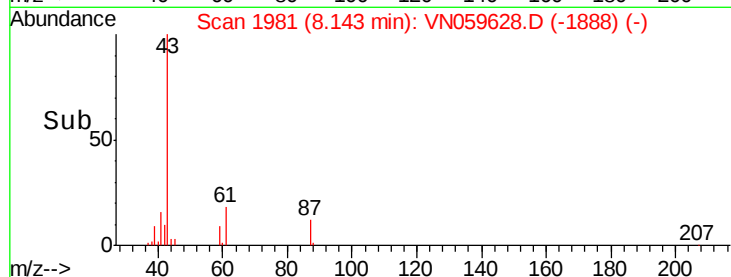
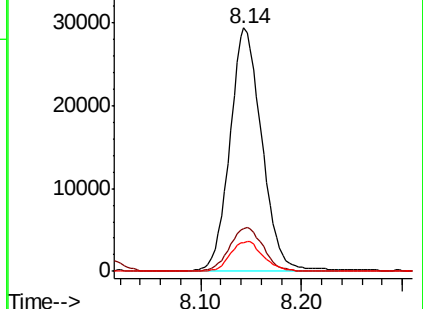
87 12.5 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VN059628.D (-1888) (-)

Ion 61.00 (60.70 to 61.70): VN059628.D (-1888) (-)

Ion 87.00 (86.70 to 87.70): VN059628.D (-1888) (-)



#45

1,2-Dichloropropane

Concen: 0.354 ug/l

RT: 9.26 min Scan# 2327

Delta R.T. 0.15 min

Lab File: VN059628.D

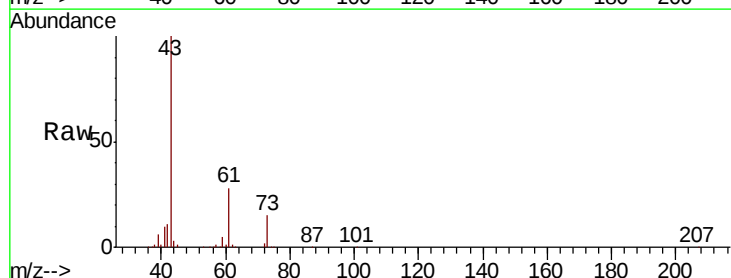
Acq: 17 Dec 2019 16:36

Tgt Ion: 63 Resp: 1117

Ion Ratio Lower Upper

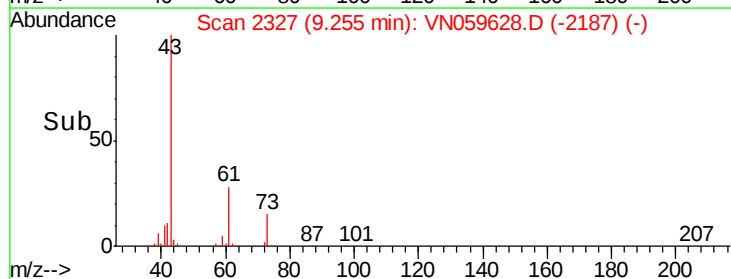
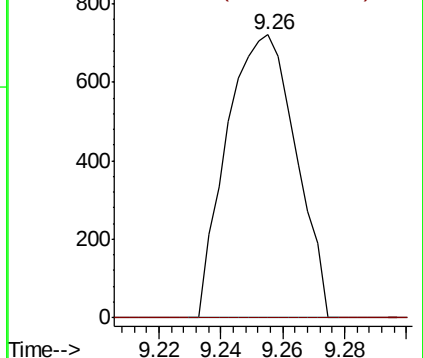
63 100

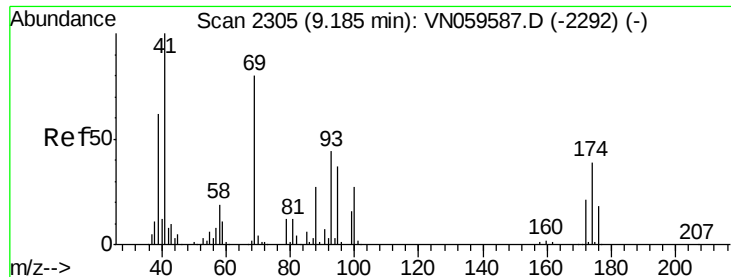
65 0.0 24.9 37.3#



Abundance Ion 62.90 (62.60 to 63.60): VN059628.D (-2187) (-)

Ion 64.90 (64.60 to 65.60): VN059628.D (-2187) (-)

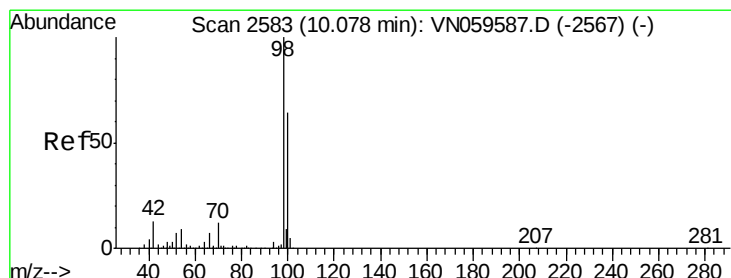
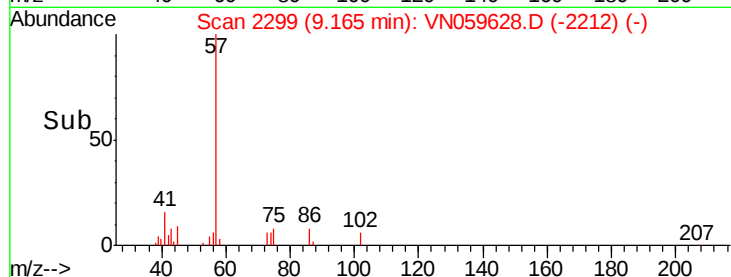
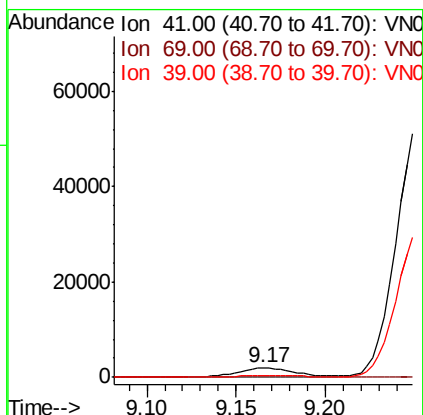
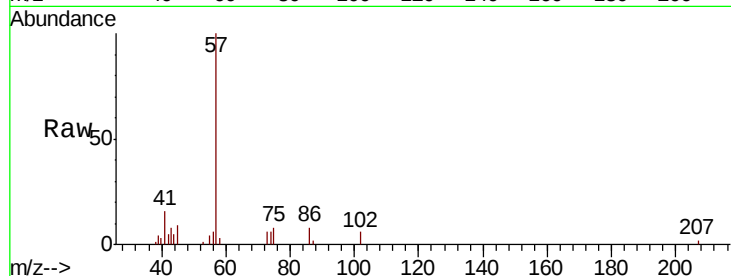




#48
Methvl methacrylate
Concen: 1.423 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.02 min
Lab File: VN059628.D
Acq: 17 Dec 2019 16:36

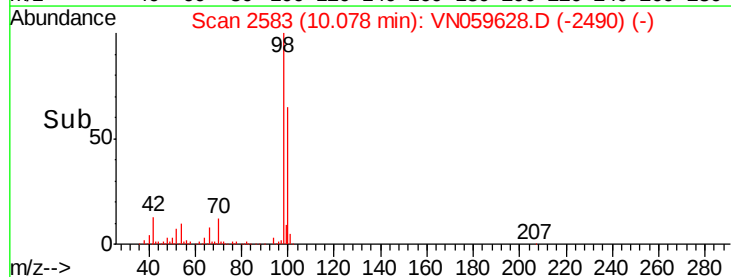
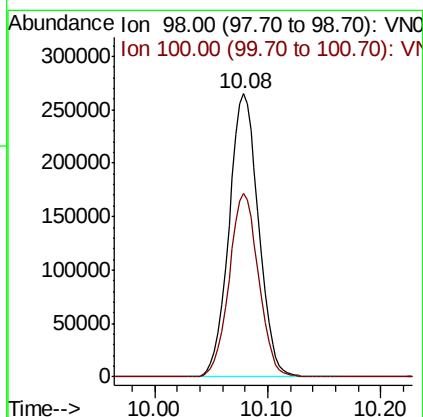
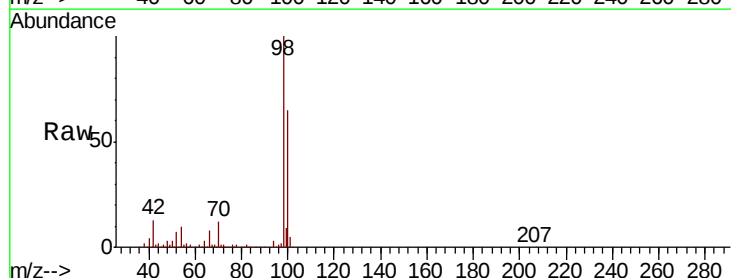
Instrument :
MSVOA_N
ClientSampleId :
SP-01

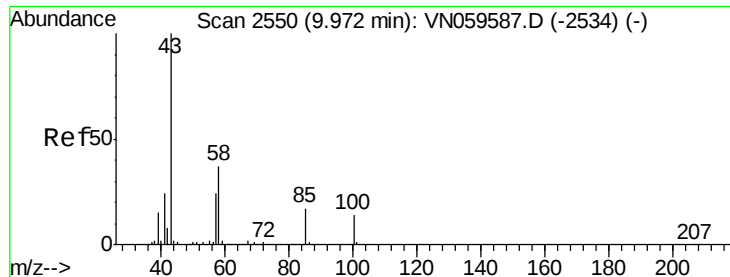
Tot Ion: 41 Resp: 4659
Ion Ratio Lower Upper
41 100
69 0.0 64.4 96.6#
39 0.0 51.3 76.9#



#50
Toluene-d8
Concen: 50.704 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059628.D
Acq: 17 Dec 2019 16:36

Tgt Ion: 98 Resp: 481000
Ion Ratio Lower Upper
98 100
100 64.6 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 1.437 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VN059628.D

Acq: 17 Dec 2019 16:36

Instrument :

MSVOA_N

ClientSampled :

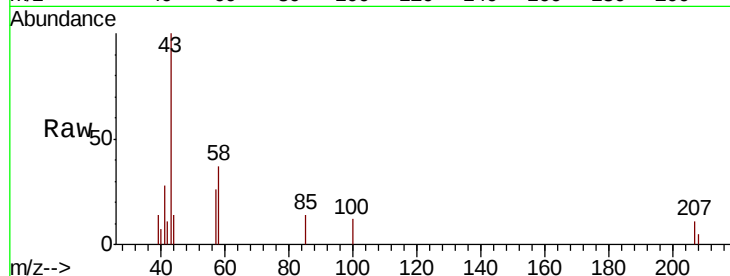
SP-01

Tot Ion: 43 Resp: 6182

Ion Ratio Lower Upper

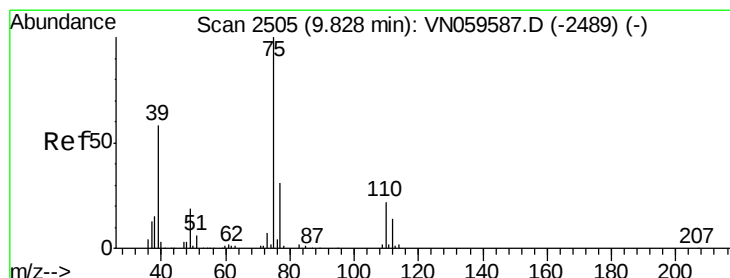
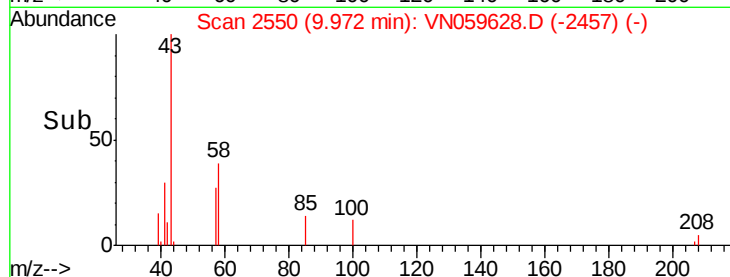
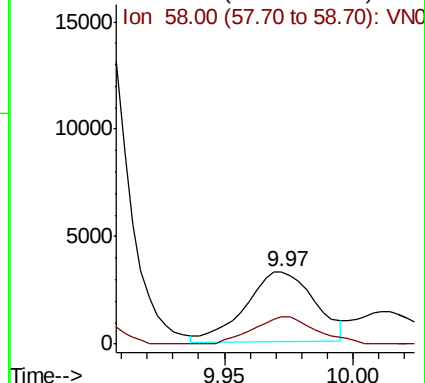
43 100

58 35.1 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VN059587.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN059587.D (-2534) (-)



#54

cis-1,3-Dichloropropene

Concen: 4.853 ug/l

RT: 9.89 min Scan# 2525

Delta R.T. 0.06 min

Lab File: VN059628.D

Acq: 17 Dec 2019 16:36

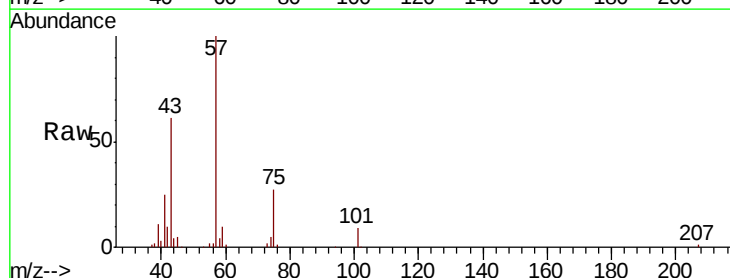
Tgt Ion: 75 Resp: 24288

Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#

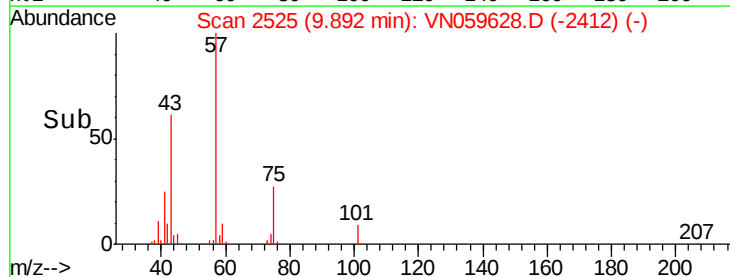
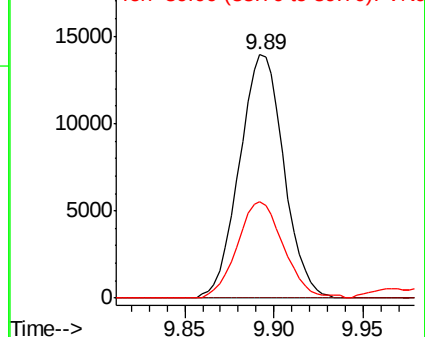
39 39.5 46.1 69.1#

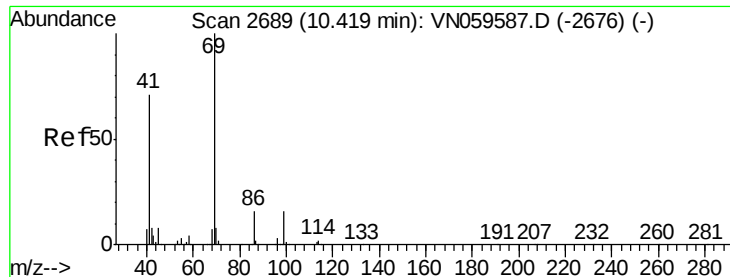


Abundance Ion 74.90 (74.60 to 75.60): VN059587.D (-2489) (-)

Ion 76.90 (76.60 to 77.60): VN059587.D (-2489) (-)

Ion 39.00 (38.70 to 39.70): VN059587.D (-2489) (-)





#56

Ethyl methacrylate

Concen: 0.222 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. 0.12 min

Lab File: VN059628.D

Acq: 17 Dec 2019 16:36

Instrument :

MSVOA_N

ClientSampled :

SP-01

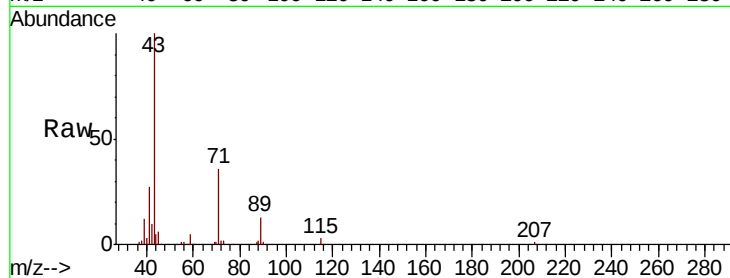
Tot Ion: 69 Resp: 928

Ion Ratio Lower Upper

69 100

41 5667.6 57.1 85.7#

39 2568.1 34.7 52.1#

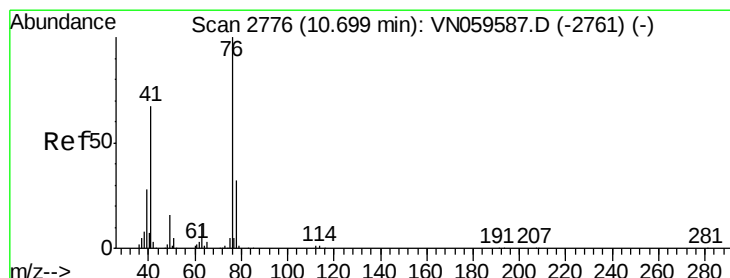
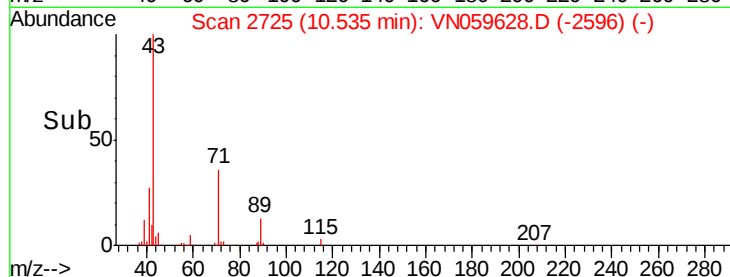
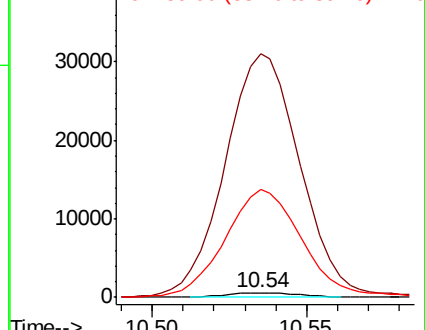


Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 0.795 ug/l

RT: 10.76 min Scan# 2794

Delta R.T. 0.06 min

Lab File: VN059628.D

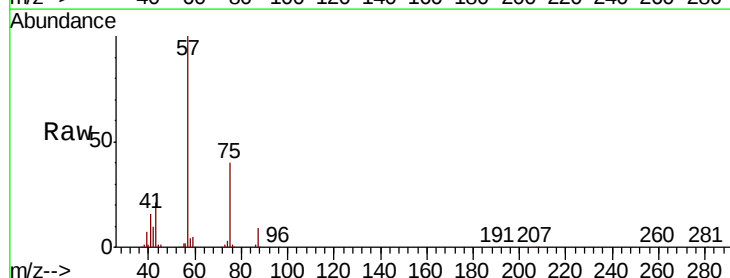
Acq: 17 Dec 2019 16:36

Tgt Ion: 76 Resp: 3896

Ion Ratio Lower Upper

76 100

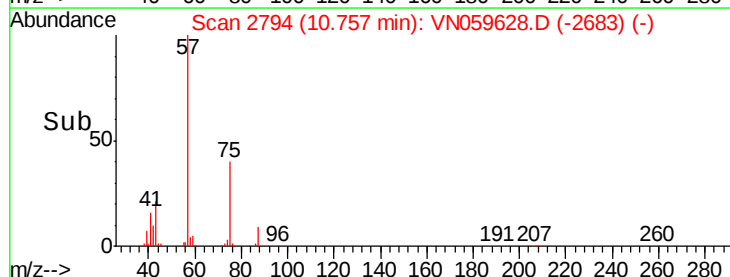
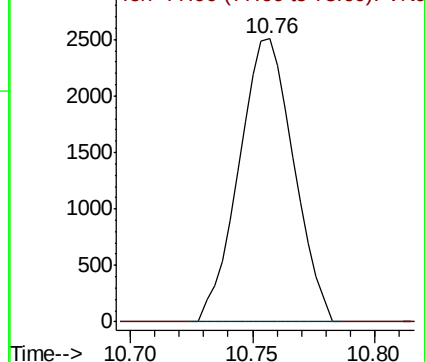
78 0.0 25.8 38.8#

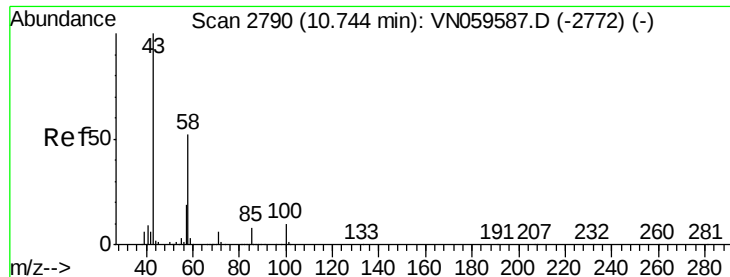


Abundance

Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

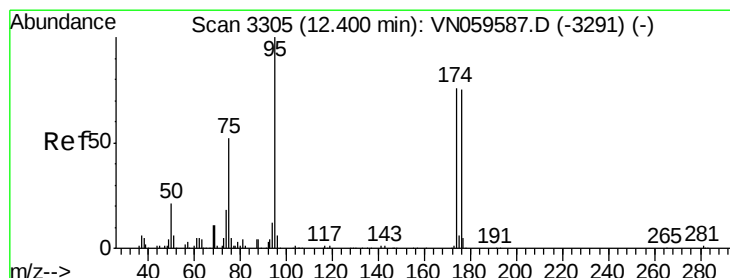
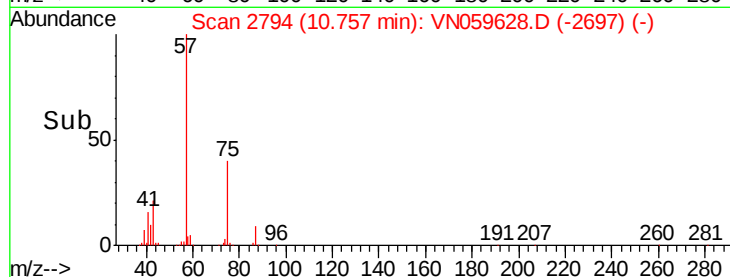
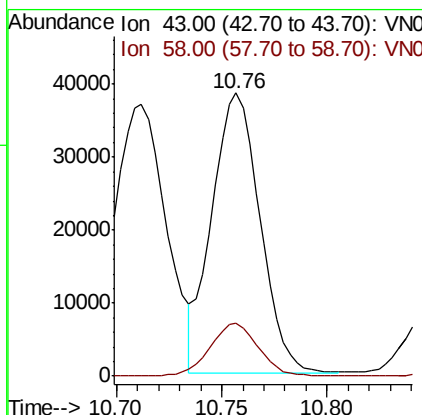
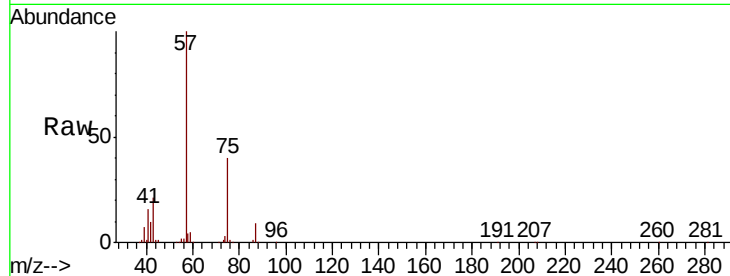




#59
2-Hexanone
Concen: 17.990 ug/l
RT: 10.76 min Scan# 2794
Delta R.T. 0.01 min
Lab File: VN059628.D
Acq: 17 Dec 2019 16:36

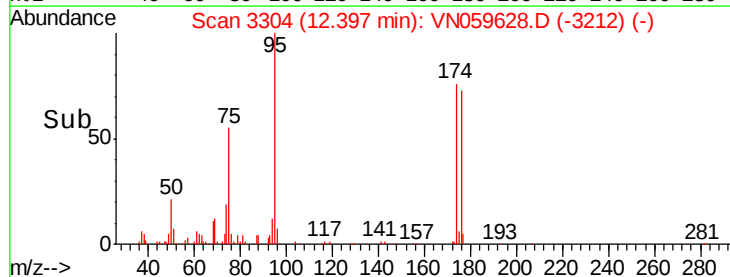
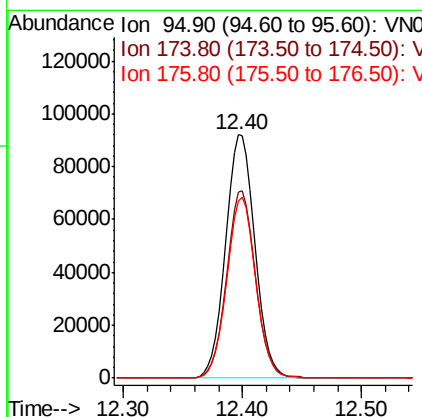
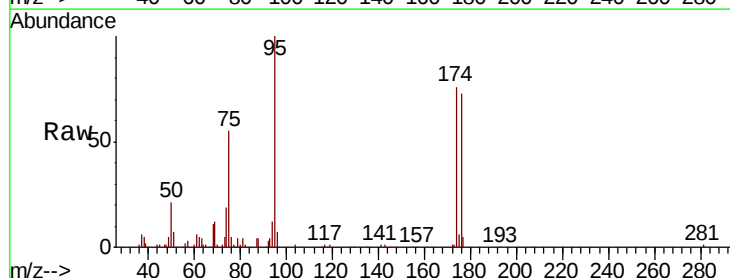
Instrument :
MSVOA_N
ClientSampleId :
SP-01

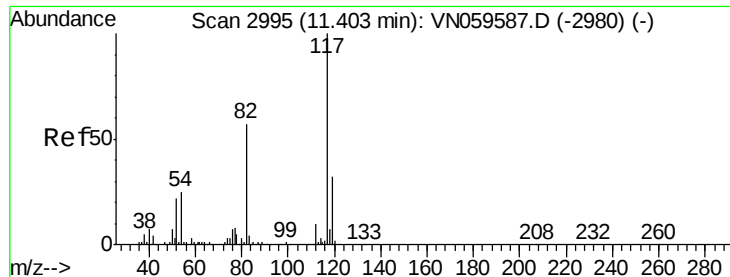
Tot Ion: 43 Resp: 61005
Ion Ratio Lower Upper
43 100
58 18.8 25.8 77.3#



#62
4-Bromofluorobenzene
Concen: 45.478 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN059628.D
Acq: 17 Dec 2019 16:36

Tgt Ion: 95 Resp: 157422
Ion Ratio Lower Upper
95 100
174 75.3 0.0 151.4
176 73.3 0.0 146.0

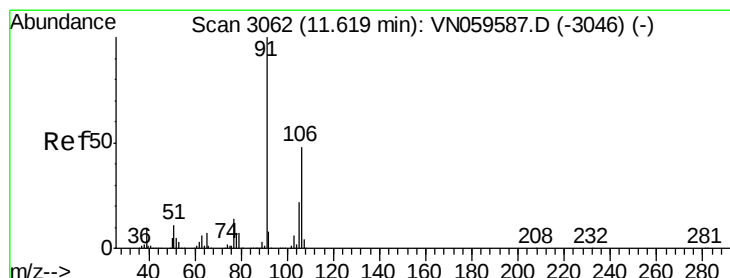
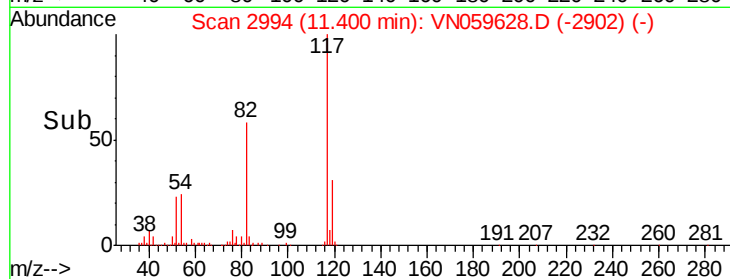
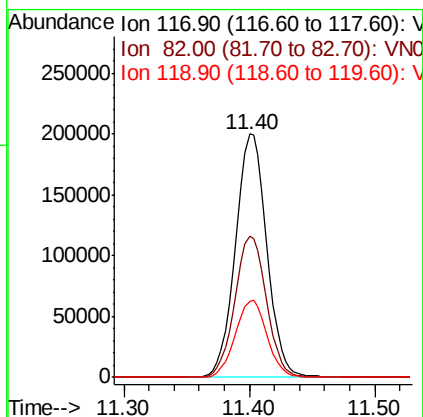
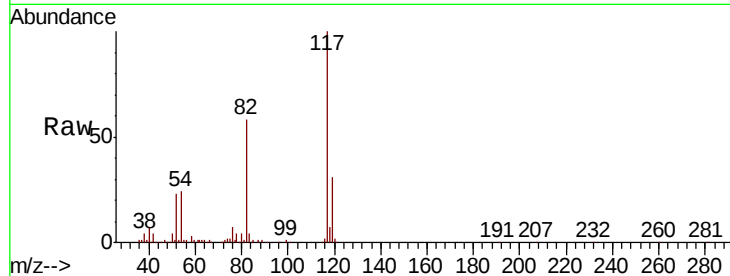




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN059628.D
Acq: 17 Dec 2019 16:36

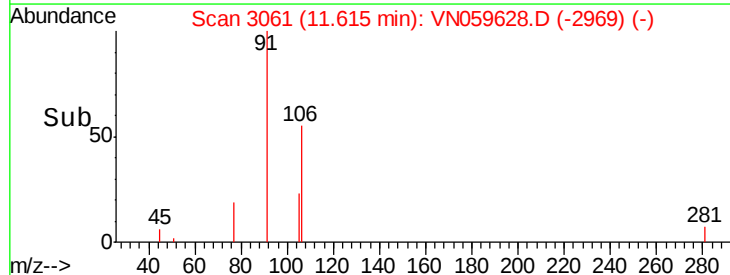
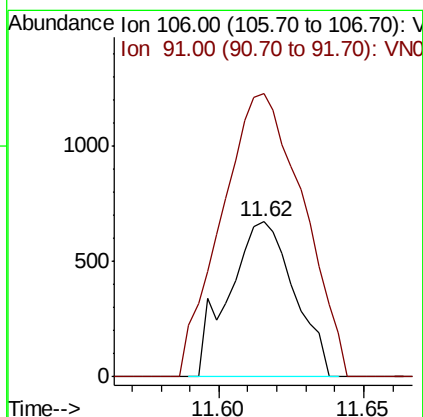
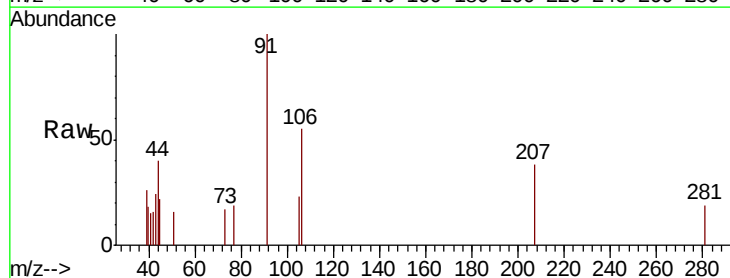
Instrument :
MSVOA_N
ClientSampled :
SP-01

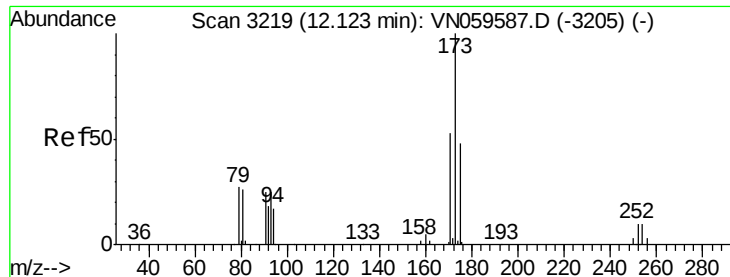
Tot Ion:117 Resp: 346875
Ion Ratio Lower Upper
117 100
82 58.2 45.9 68.9
119 31.4 25.5 38.3



#68
m/p-Xylenes
Concen: 0.210 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN059628.D
Acq: 17 Dec 2019 16:36

Tgt Ion:106 Resp: 1052
Ion Ratio Lower Upper
106 100
91 227.6 167.9 251.9





#71

Bromoform

Concen: 0.527 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.27 min

Lab File: VN059628.D

Acq: 17 Dec 2019 16:36

Instrument :

MSVOA_N

ClientSampleId :

SP-01

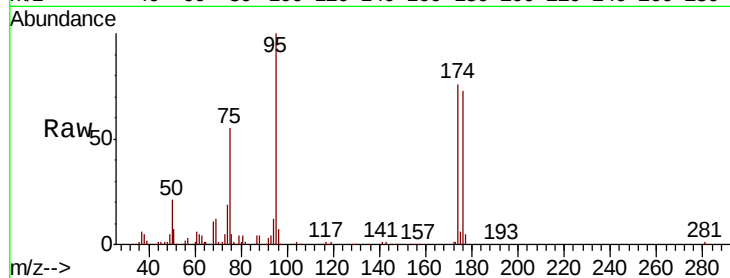
Tot Ion:173 Resp: 1130

Ion Ratio Lower Upper

173 100

175 658.9 23.8 71.4#

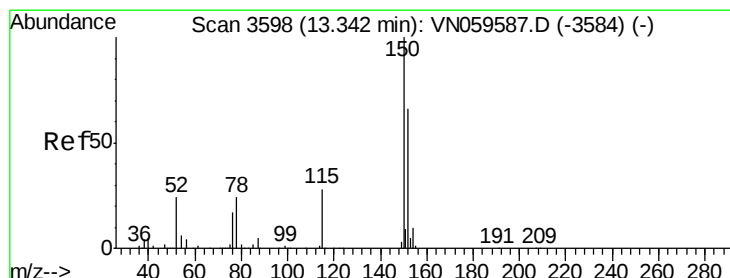
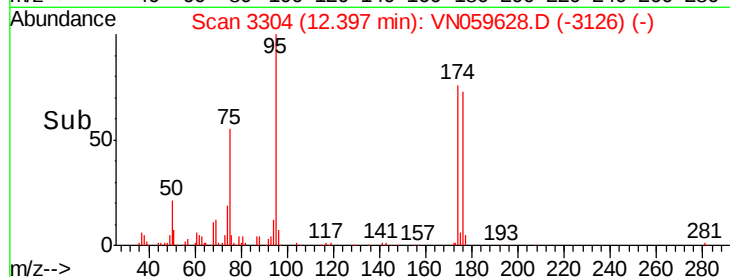
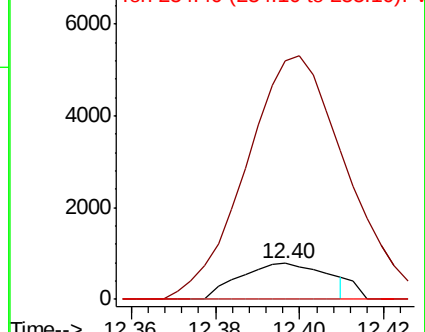
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN059628.D

Acq: 17 Dec 2019 16:36

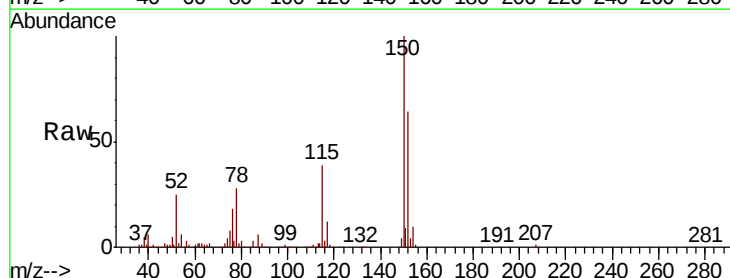
Tgt Ion:152 Resp: 132053

Ion Ratio Lower Upper

152 100

115 60.9 30.3 90.9

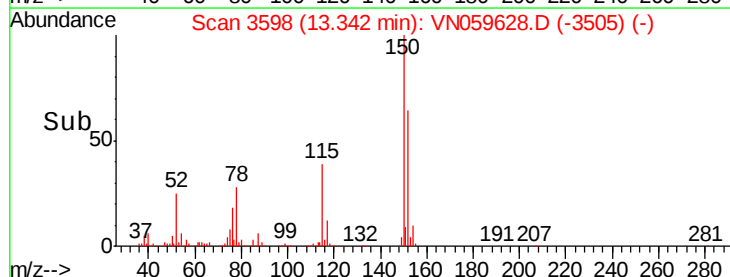
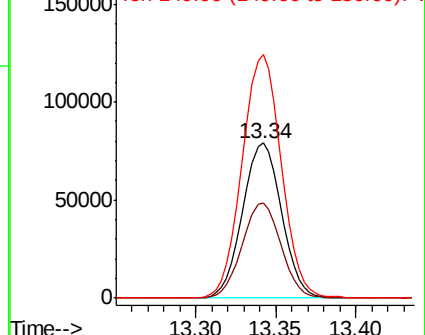
150 157.3 0.0 345.2

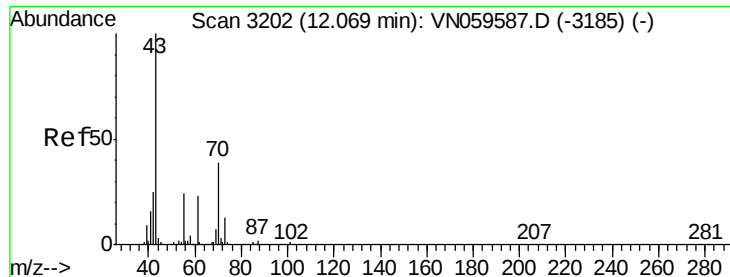


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.637 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN059628.D

Acq: 17 Dec 2019 16:36

Instrument :

MSVOA_N

ClientSampleId :

SP-01

Tot Ion: 43 Resp: 3031

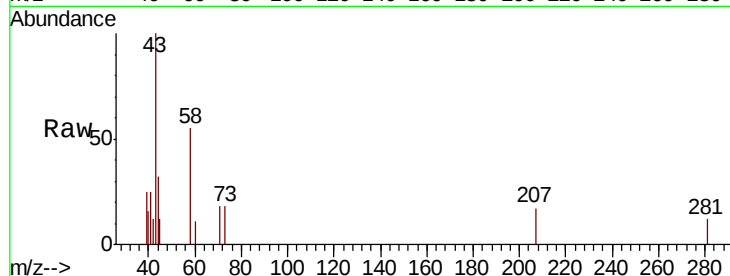
Ion Ratio Lower Upper

43 100

70 0.0 31.3 46.9#

55 0.0 19.8 29.6#

61 0.0 18.3 27.5#

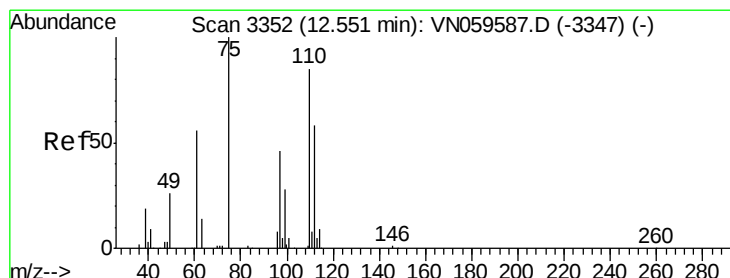
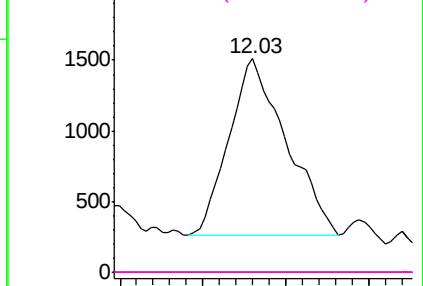
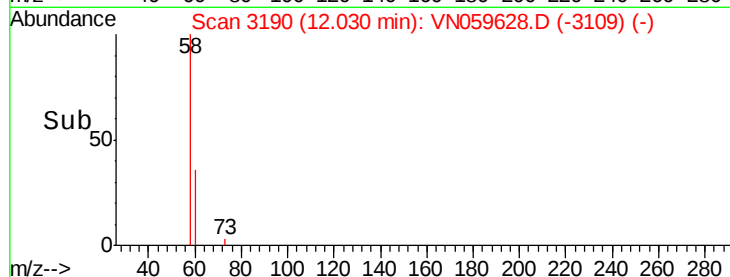


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 25.696 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN059628.D

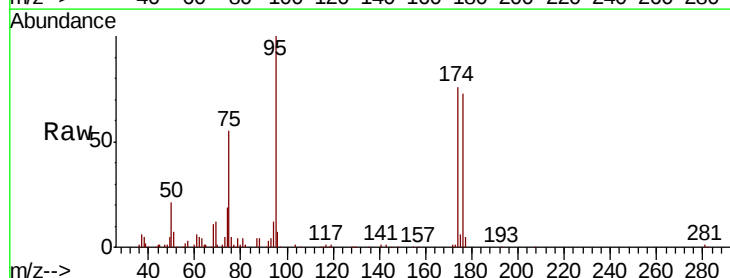
Acq: 17 Dec 2019 16:36

Tgt Ion: 75 Resp: 84003

Ion Ratio Lower Upper

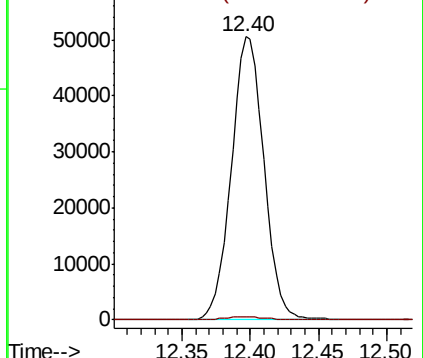
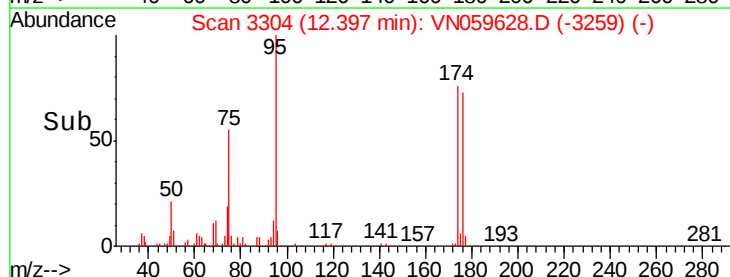
75 100

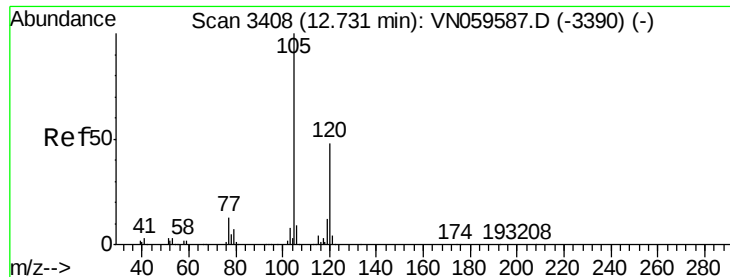
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#80

1,3,5-Trimethylbenzene

Concen: 0.219 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN059628.D

Acq: 17 Dec 2019 16:36

Instrument :

MSVOA_N

ClientSampled :

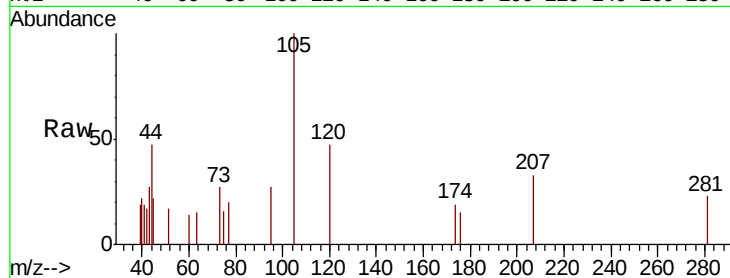
SP-01

Tot Ion:105 Resp: 1922

Ion Ratio Lower Upper

105 100

120 41.0 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1200

1000

800

600

400

200

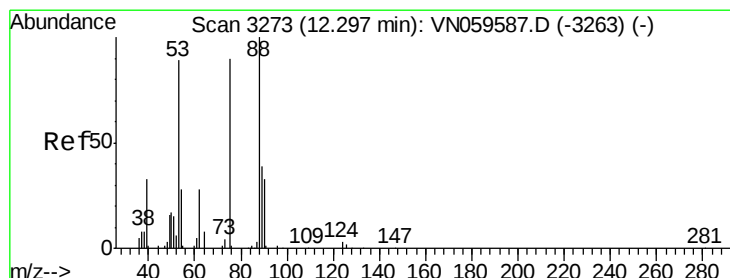
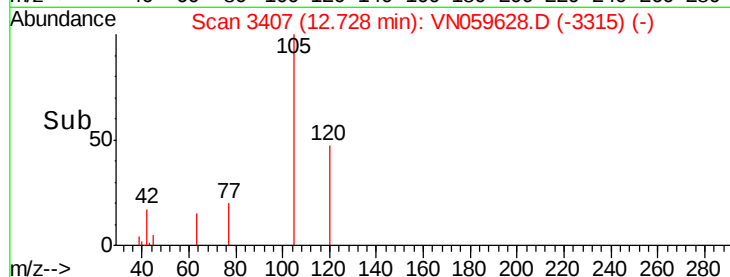
0

12.70

12.73

12.75

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 63.467 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN059628.D

Acq: 17 Dec 2019 16:36

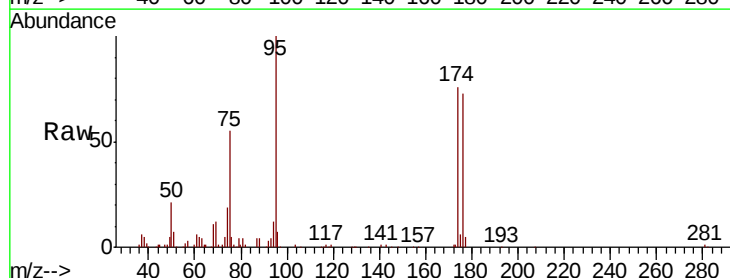
Tgt Ion: 75 Resp: 84003

Ion Ratio Lower Upper

75 100

53 0.0 78.1 117.1#

89 0.0 35.4 53.2#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 53.00 (52.70 to 53.70): V

Ion 88.90 (88.60 to 89.60): V

60000

40000

20000

0

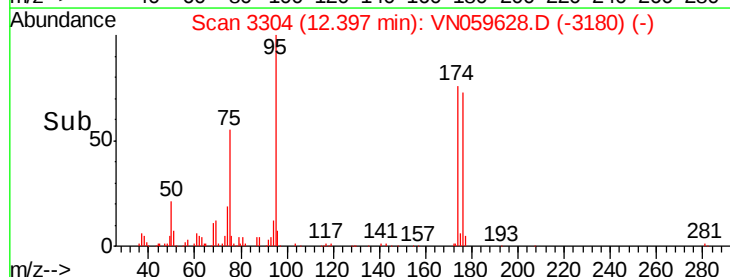
12.35

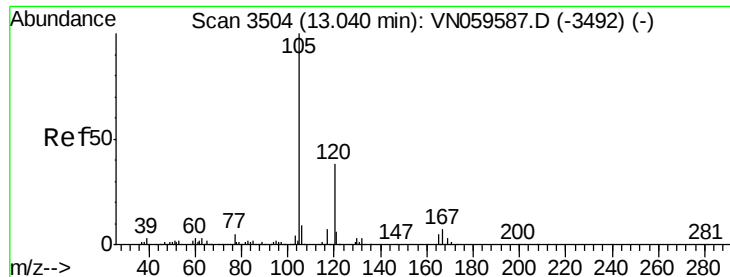
12.40

12.45

12.50

Time-->





#84

1,2,4-Trimethylbenzene

Concen: 0.449 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN059628.D

Acq: 17 Dec 2019 16:36

Instrument :

MSVOA_N

ClientSampled :

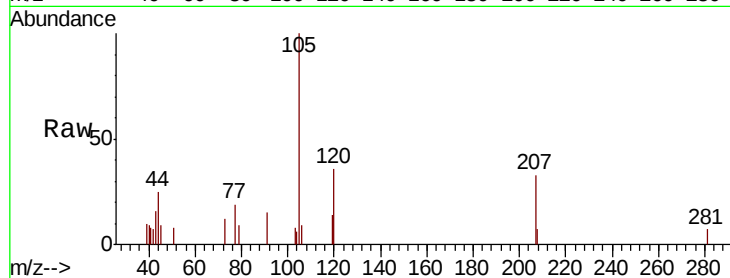
SP-01

Tot Ion:105 Resp: 3916

Ion Ratio Lower Upper

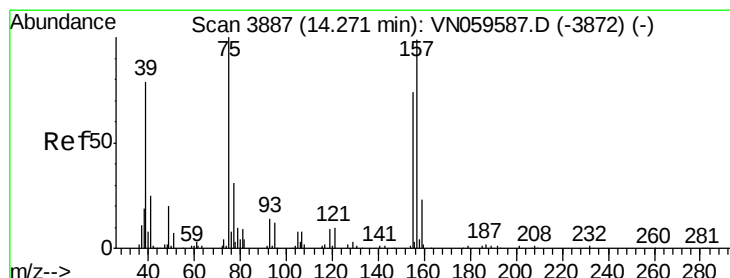
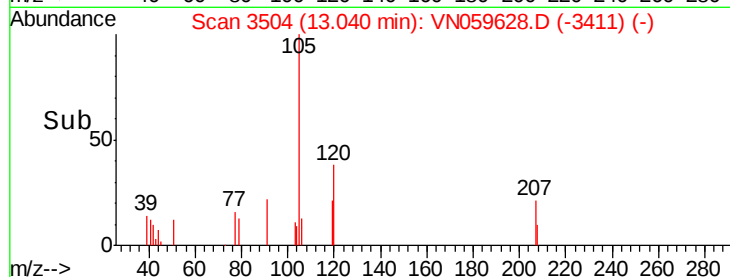
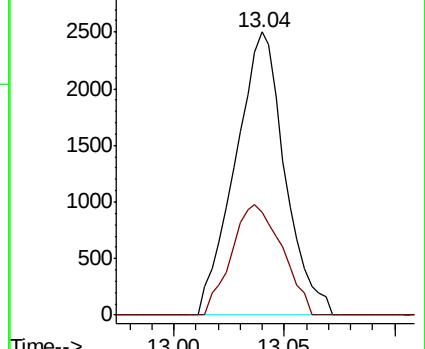
105 100

120 39.9 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.881 ug/l

RT: 14.26 min Scan# 3884

Delta R.T. -0.01 min

Lab File: VN059628.D

Acq: 17 Dec 2019 16:36

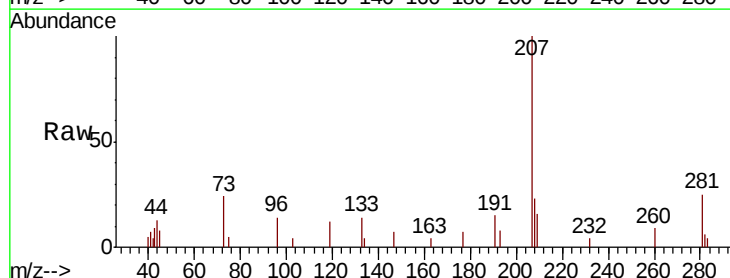
Tgt Ion: 75 Resp: 245

Ion Ratio Lower Upper

75 100

155 0.0 37.0 110.9#

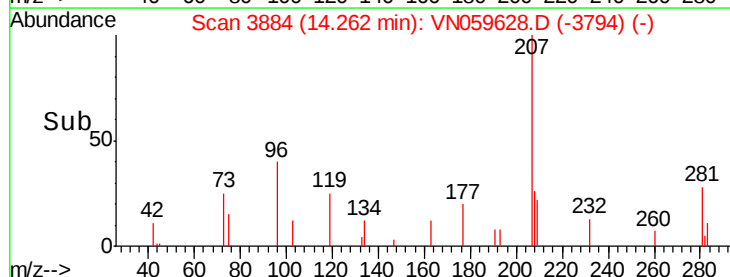
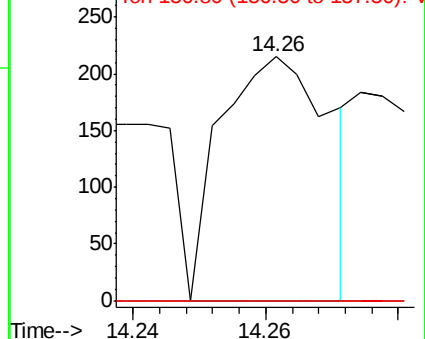
157 0.0 48.4 145.2#

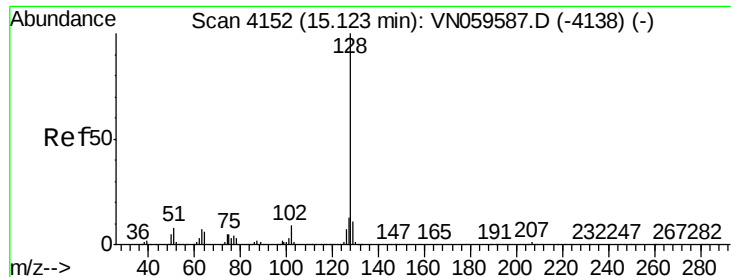


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
 Naphthalene
 Concen: 0.654 ug/l
 RT: 15.12 min Scan# 4152
 Delta R.T. -0.00 min
 Lab File: VN059628.D
 Acq: 17 Dec 2019 16:36

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-01

Tot Ion	Ratio	Lower	Upper
128	100		
127	10.7	10.4	15.6
129	9.4	8.6	12.8

