

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092319\
 Data File : VN058303.D
 Acq On : 23 Sep 2019 19:12
 Operator : JC/SP
 Sample : K4665-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-01-091919

Quant Time: Sep 24 01:35:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	474324	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	785233	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	686673	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	278907	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	358006	54.19	ug/l	0.00
Spiked Amount			Recovery	=	108.38%	
35) Dibromofluoromethane	7.57	113	248171	51.99	ug/l	0.00
Spiked Amount			Recovery	=	103.98%	
50) Toluene-d8	10.09	98	1005304	54.05	ug/l	0.00
Spiked Amount			Recovery	=	108.10%	
62) 4-Bromofluorobenzene	12.41	95	318349	46.08	ug/l	0.00
Spiked Amount			Recovery	=	92.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	542	Below Cal	#	42
5) Bromomethane	2.55	94	111	0.785	ug/l	95
6) Chloroethane	2.69	64	106	Below Cal	#	44
8) Diethyl Ether	3.38	74	728	0.299	ug/l	95
14) Allyl chloride	4.54	41	8640	1.377	ug/l	# 23
16) Acetone	3.80	43	45297	20.200	ug/l	95
17) Carbon Disulfide	4.04	76	551	0.405	ug/l	# 74
18) Methyl Acetate	4.32	43	3649	0.618	ug/l	# 82
20) Methylene Chloride	4.53	84	227327	57.936	ug/l	98
25) 2-Butanone	6.82	43	913	0.299	ug/l	# 51
30) Chloroform	7.35	83	2614	0.285	ug/l	86
31) Cyclohexane	7.65	56	12650	Below Cal	#	14
36) 1,1-Dichloropropene	7.65	75	42941	7.583	ug/l	# 51
38) Carbon Tetrachloride	7.65	117	49408	8.680	ug/l	# 15
41) Methacrylonitrile	7.19	41	93	0.942	ug/l	# 100
43) Isopropyl Acetate	8.15	43	77523	7.063	ug/l	# 90
45) 1,2-Dichloropropane	9.26	63	1519	0.294	ug/l	# 45
47) Bromodichloromethane	9.40	83	1464	0.223	ug/l	# 78
48) Methyl methacrylate	9.17	41	5064	1.016	ug/l	# 14
51) 4-Methyl-2-Pentanone	9.98	43	5750	0.986	ug/l	97
52) Toluene	10.15	92	3748	0.346	ug/l	88
54) cis-1,3-Dichloropropene	9.90	75	35674	4.795	ug/l	# 68
56) Ethyl methacrylate	10.54	69	2156	0.311	ug/l	# 1
57) 1,3-Dichloropropane	10.76	76	4871	0.589	ug/l	# 43
59) 2-Hexanone	10.76	43	80373	18.564	ug/l	# 53
67) Ethyl Benzene	11.51	91	23619	1.141	ug/l	99
68) m/p-Xylenes	11.62	106	35626	4.571	ug/l	98
69) o-Xylene	11.95	106	19754	2.577	ug/l	99
73) Isopropylbenzene	12.26	105	3887	0.223	ug/l	88
74) N-amyl acetate	12.04	43	4233	0.580	ug/l	# 49
76) 1,2,3-Trichloropropane	12.41	75	176324	35.324	ug/l	# 100
78) n-propylbenzene	12.60	91	15153	0.764	ug/l	100
79) 2-Chlorotoluene	12.66	91	7115	0.574	ug/l	# 42
80) 1,3,5-Trimethylbenzene	12.74	105	42061	2.849	ug/l	99

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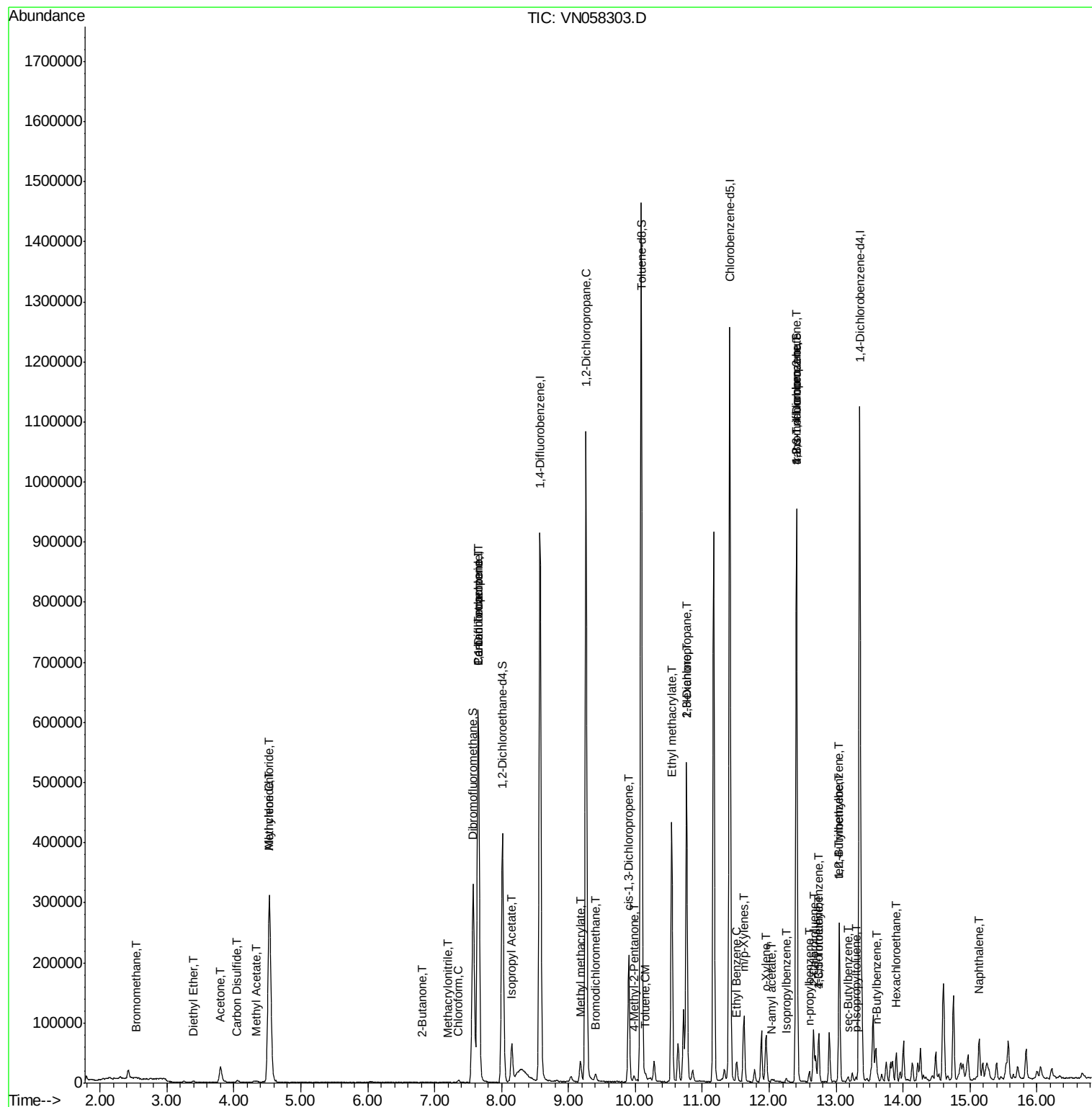
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	12.41	75	176324	98.761	ug/l #	5
82) 4-Chlorotoluene	12.74	91	5136	0.394	ug/l #	43
83) tert-Butylbenzene	13.05	119	17839	1.355	ug/l #	67
84) 1,2,4-Trimethylbenzene	13.05	105	144008	9.802	ug/l	100
85) sec-Butylbenzene	13.18	105	5649	0.328	ug/l	95
86) p-Isopropyltoluene	13.30	119	4779	0.312	ug/l	90
89) n-Butylbenzene	13.62	91	4379	0.302	ug/l #	84
90) Hexachloroethane	13.90	117	2643	3.752	ug/l #	12
95) Naphthalene	15.14	128	53209	3.994	ug/l	99

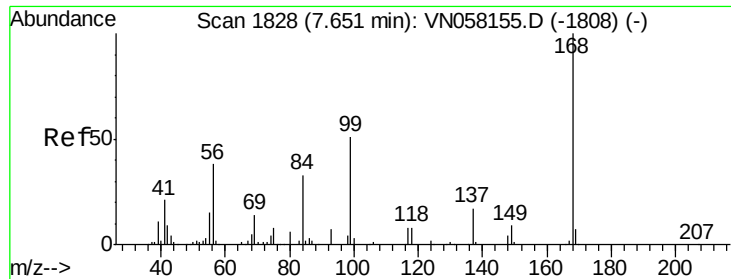
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058303.D

Acq: 23 Sep 2019 19:12

Instrument :

MSVOA_N

ClientSampleId :

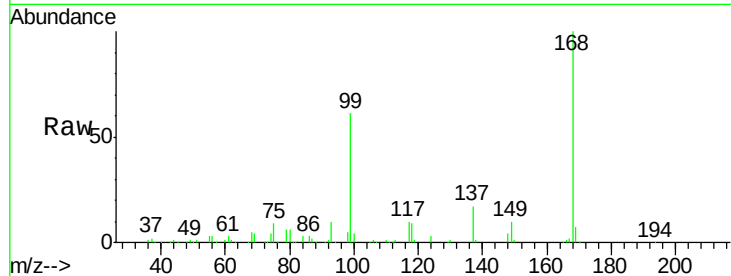
EO-01-091919

Tot Ion:168 Resp: 474324

Ion Ratio Lower Upper

168 100

99 61.4 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

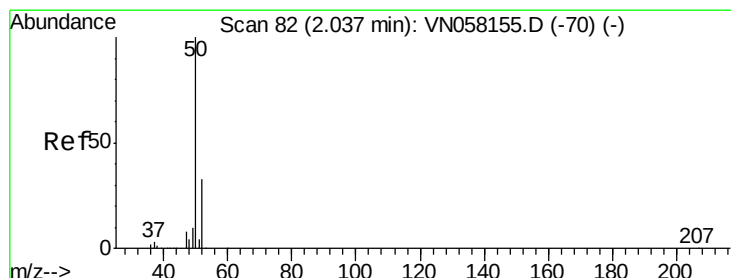
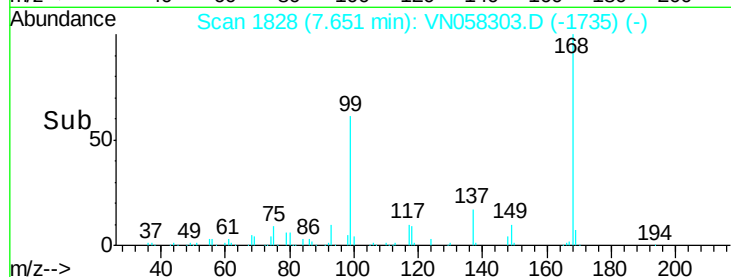
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN058303.D

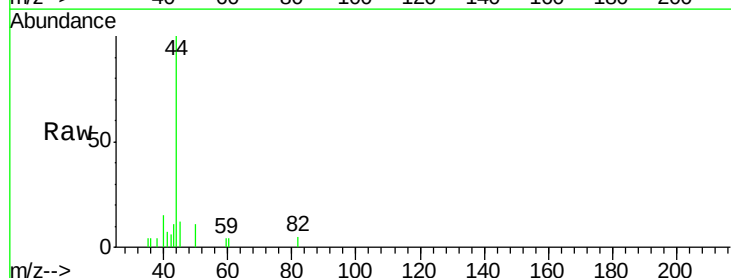
Acq: 23 Sep 2019 19:12

Tgt Ion: 50 Resp: 542

Ion Ratio Lower Upper

50 100

52 0.0 26.3 39.5#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.03

400

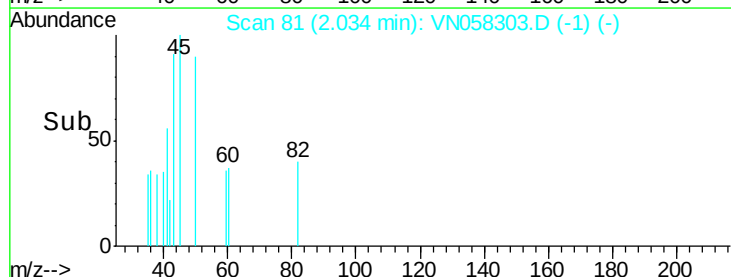
300

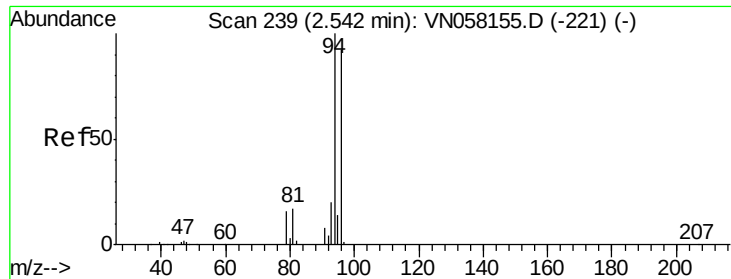
200

100

0

Time-->





#5

Bromomethane

Concen: 0.785 ug/l

RT: 2.55 min Scan# 242

Delta R.T. 0.01 min

Lab File: VN058303.D

Acq: 23 Sep 2019 19:12

Instrument :

MSVOA_N

ClientSampleId :

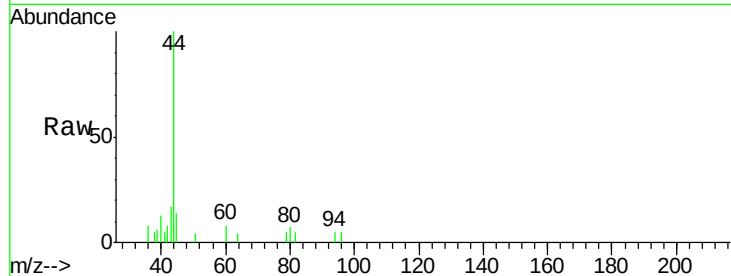
EO-01-091919

Tot Ion: 94 Resp: 111

Ion Ratio Lower Upper

94 100

96 96.2 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.55

200

150

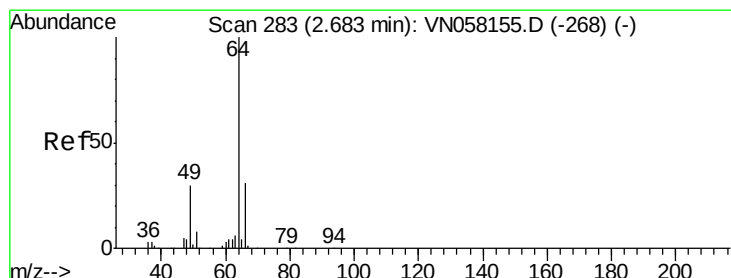
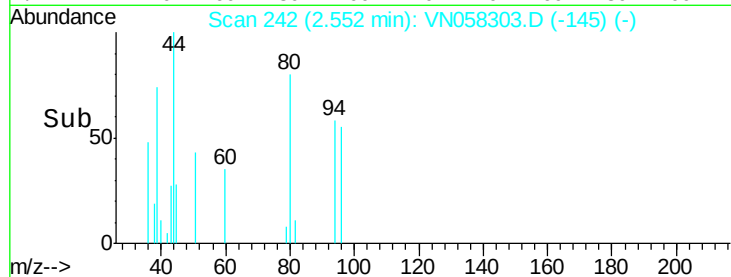
100

50

0

2.54 2.55 2.56

Time-->



#6

Chloroethane

Concen: Below Cal

RT: 2.69 min Scan# 286

Delta R.T. 0.01 min

Lab File: VN058303.D

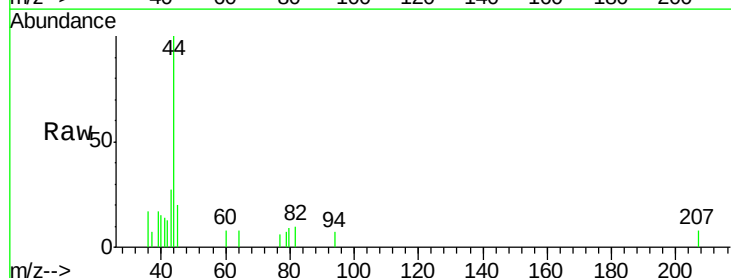
Acq: 23 Sep 2019 19:12

Tgt Ion: 64 Resp: 106

Ion Ratio Lower Upper

64 100

66 0.0 24.6 37.0#



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.69

200

150

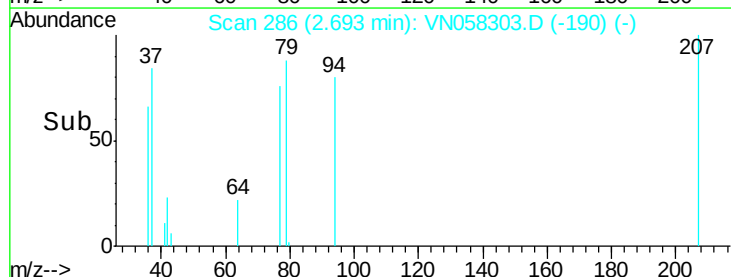
100

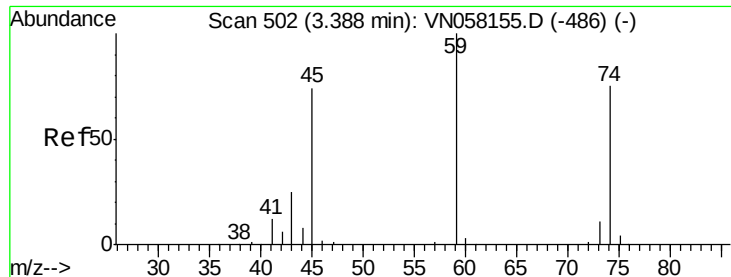
50

0

2.68 2.69 2.70

Time-->





#8

Diethyl Ether

Concen: 0.299 ug/l

RT: 3.38 min Scan# 501

Delta R.T. -0.00 min

Lab File: VN058303.D

Acq: 23 Sep 2019 19:12

Instrument :

MSVOA_N

ClientSampled :

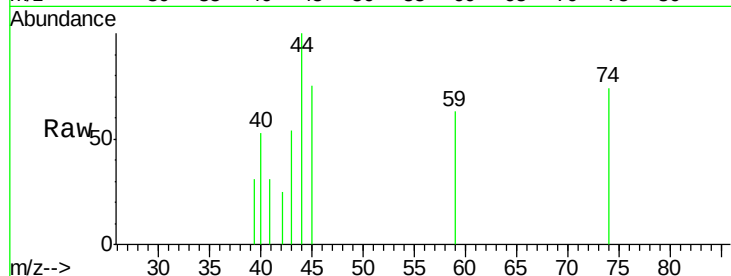
EO-01-091919

Tot Ion: 74 Resp: 728

Ion Ratio Lower Upper

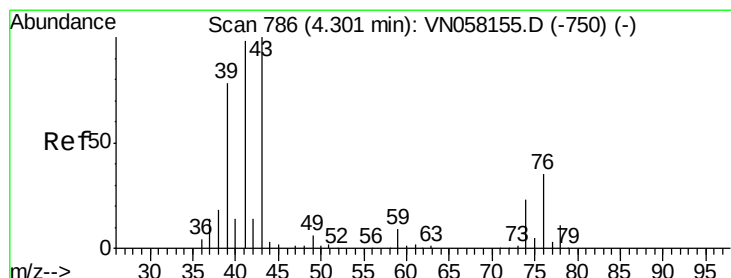
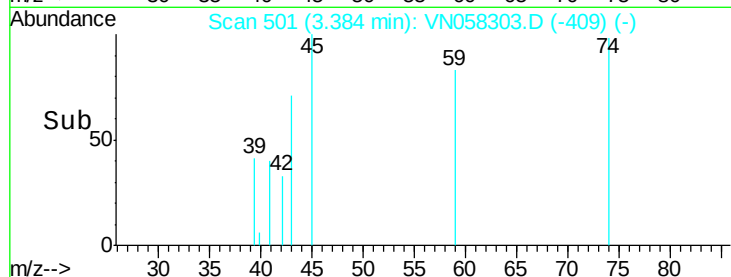
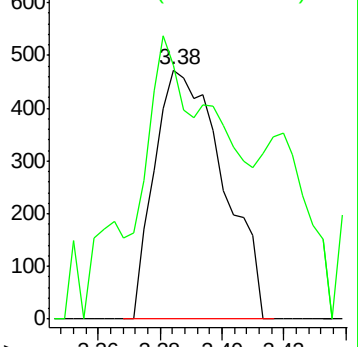
74 100

45 92.0 48.5 145.5



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#14

Allyl chloride

Concen: 1.377 ug/l

RT: 4.54 min Scan# 859

Delta R.T. 0.23 min

Lab File: VN058303.D

Acq: 23 Sep 2019 19:12

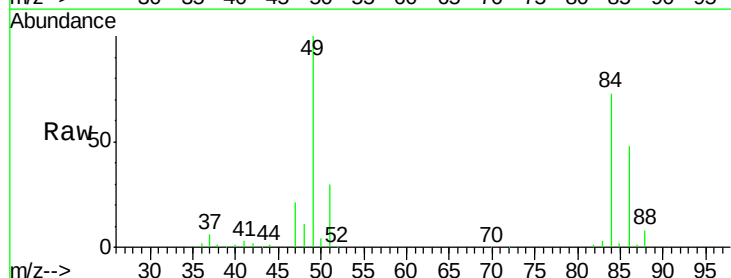
Tgt Ion: 41 Resp: 8640

Ion Ratio Lower Upper

41 100

39 1.7 59.1 88.7#

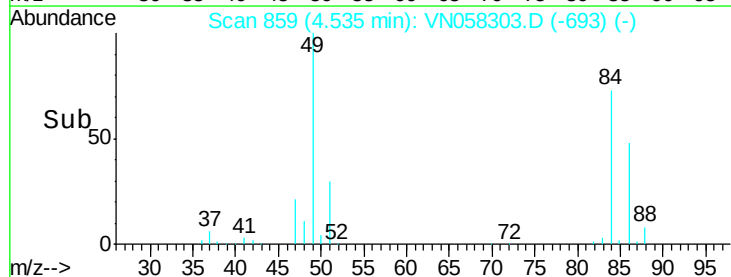
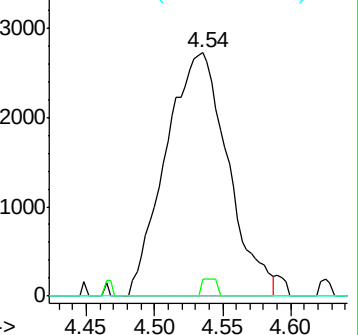
76 0.0 25.1 37.7#

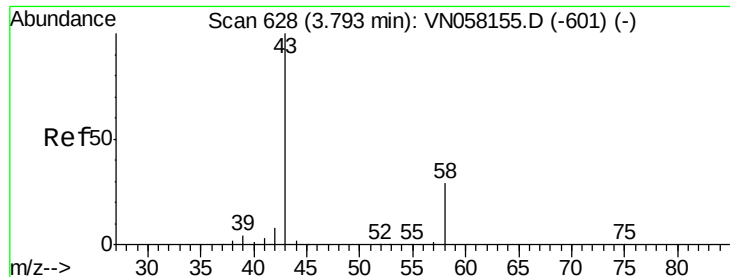


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#16

Acetone

Concen: 20.200 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN058303.D

Acq: 23 Sep 2019 19:12

Instrument :

MSVOA_N

ClientSampleId :

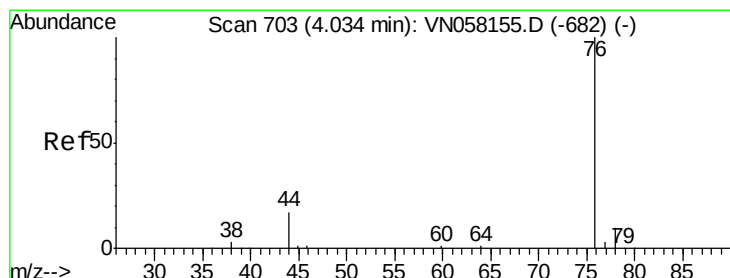
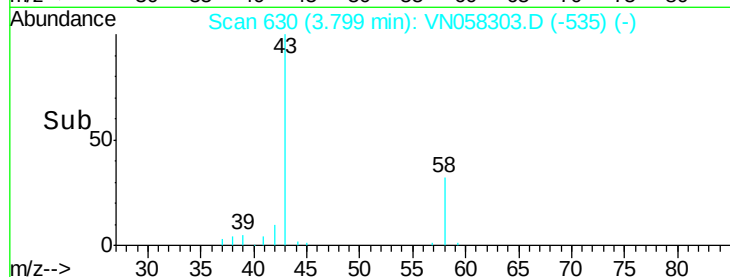
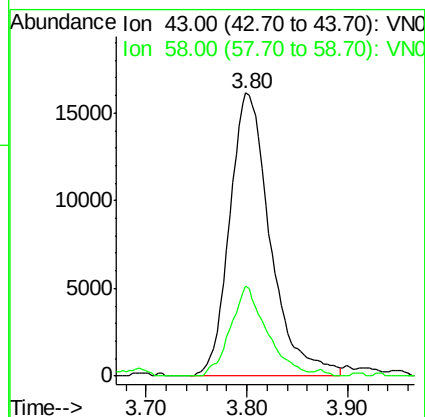
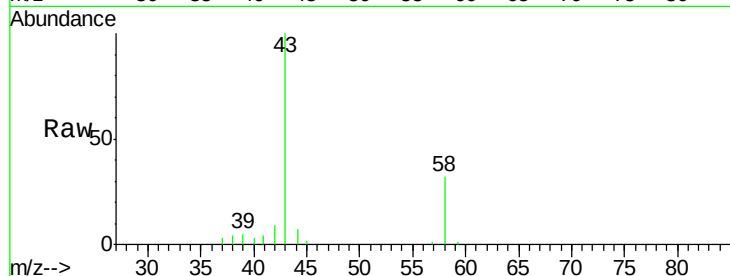
EO-01-091919

Tot Ion: 43 Resp: 45297

Ion Ratio Lower Upper

43 100

58 32.0 23.4 35.2



#17

Carbon Disulfide

Concen: 0.405 ug/l

RT: 4.04 min Scan# 704

Delta R.T. 0.00 min

Lab File: VN058303.D

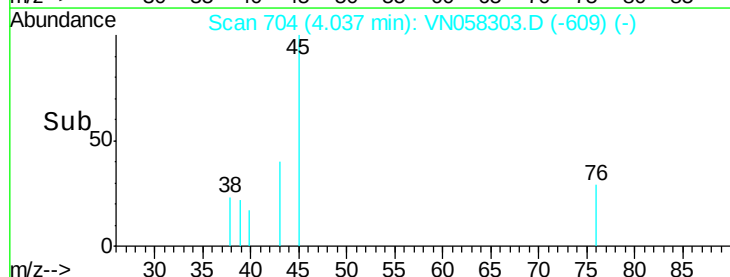
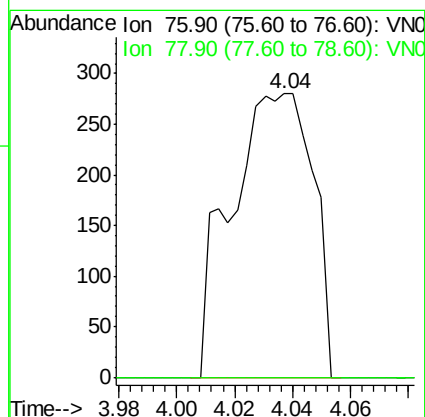
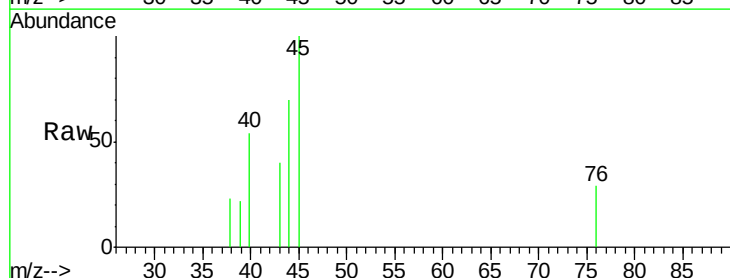
Acq: 23 Sep 2019 19:12

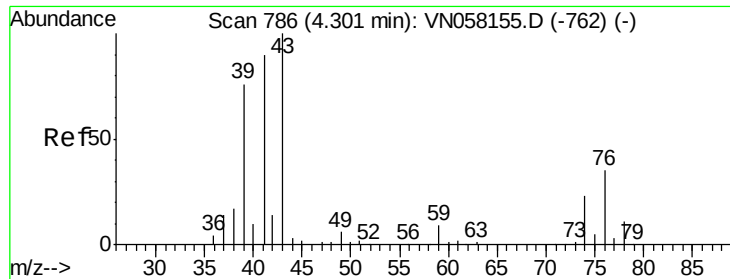
Tgt Ion: 76 Resp: 551

Ion Ratio Lower Upper

76 100

78 0.0 7.7 11.5#

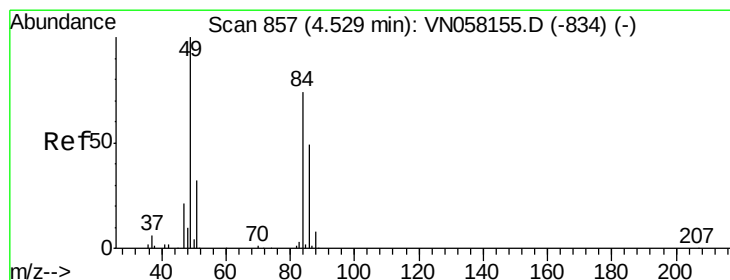
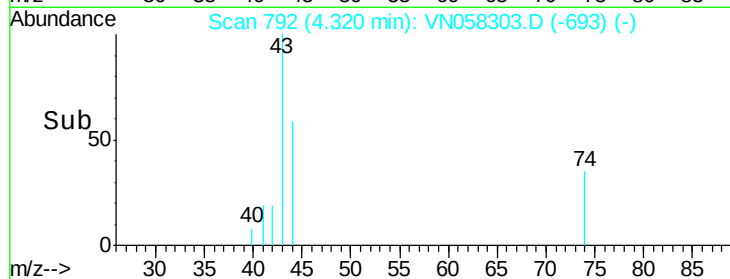
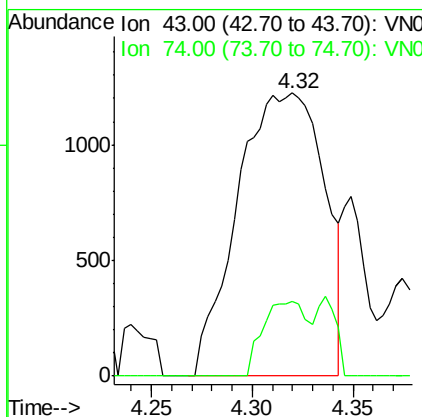
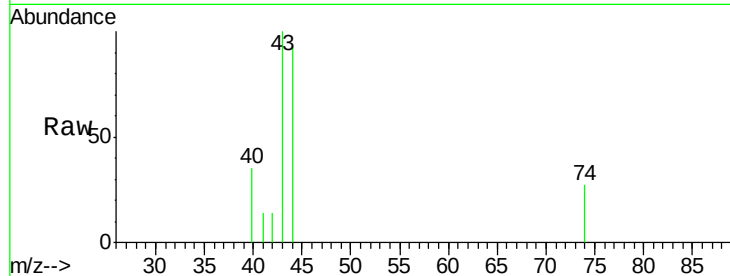




#18
Methvl Acetate
Concen: 0.618 ug/l
RT: 4.32 min Scan# 792
Delta R.T. 0.02 min
Lab File: VN058303.D
Acq: 23 Sep 2019 19:12

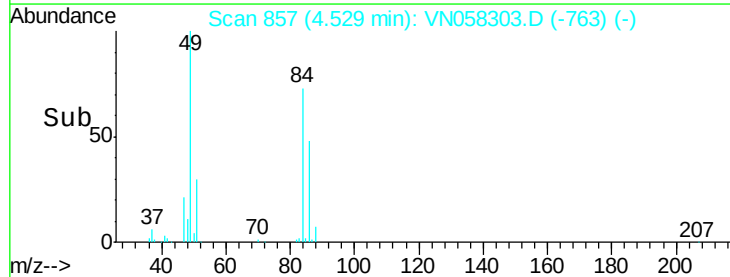
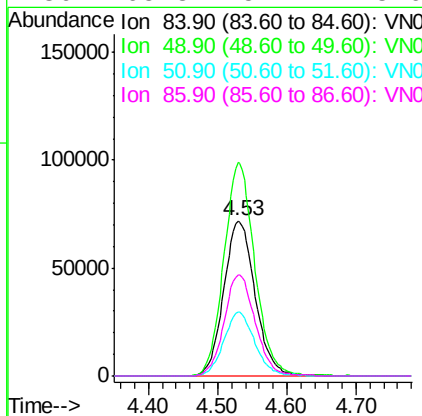
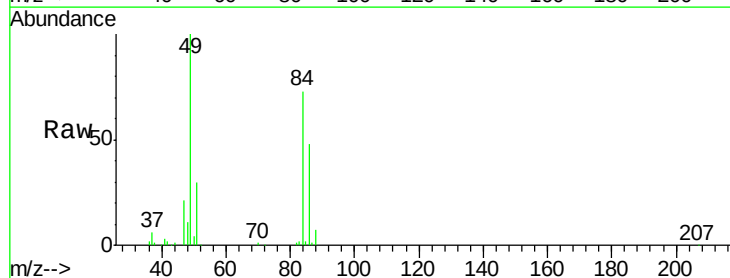
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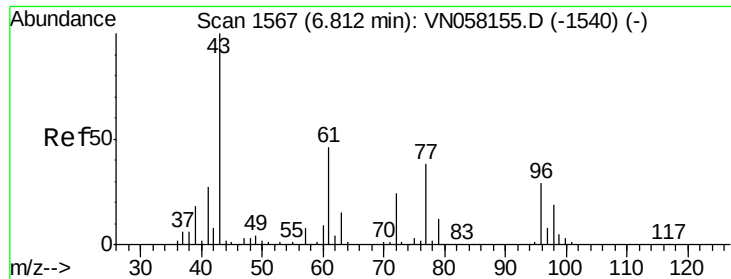
Tot Ion: 43 Resp: 3649
Ion Ratio Lower Upper
43 100
74 13.7 18.0 27.0#



#20
Methylene Chloride
Concen: 57.936 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058303.D
Acq: 23 Sep 2019 19:12

Tgt Ion: 84 Resp: 227327
Ion Ratio Lower Upper
84 100
49 137.3 107.5 161.3
51 41.2 33.9 50.9
86 65.3 52.4 78.6





#25

2-Butanone

Concen: 0.299 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. 0.01 min

Lab File: VN058303.D

Acq: 23 Sep 2019 19:12

Instrument :

MSVOA_N

ClientSampleId :

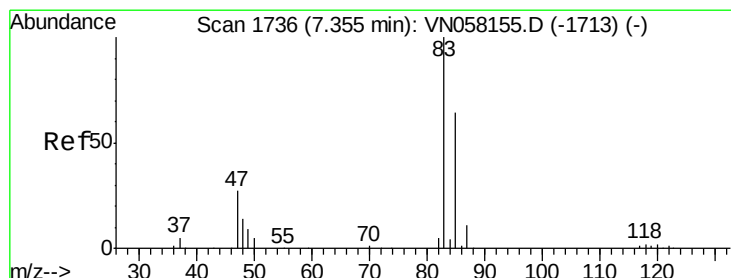
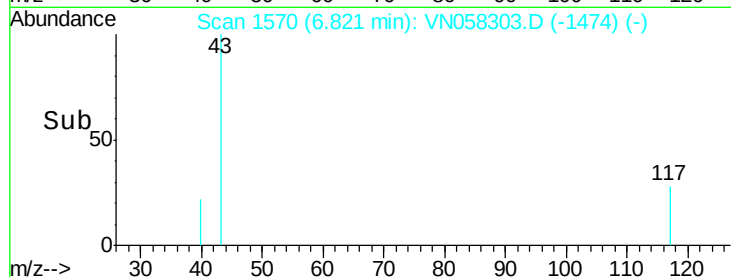
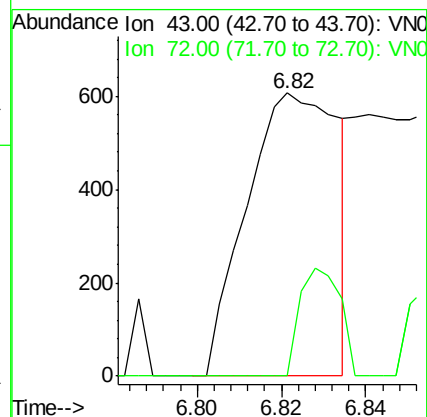
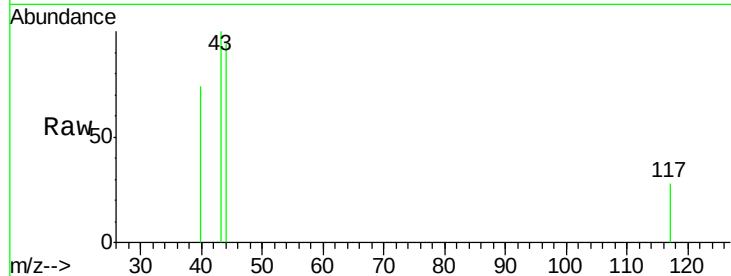
EO-01-091919

Tot Ion: 43 Resp: 913

Ion Ratio Lower Upper

43 100

72 0.0 19.5 29.3#



#30

Chloroform

Concen: 0.285 ug/l

RT: 7.35 min Scan# 1734

Delta R.T. -0.01 min

Lab File: VN058303.D

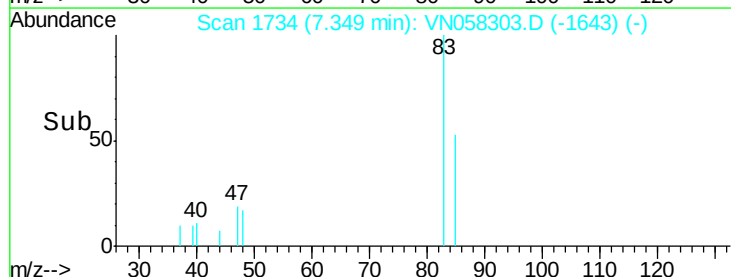
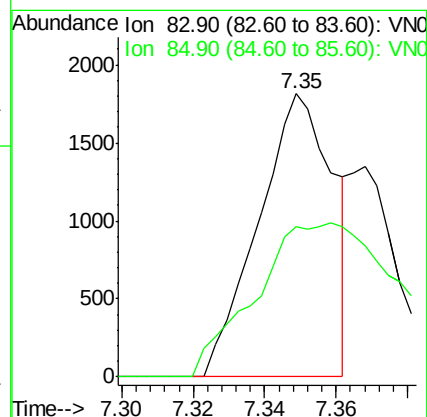
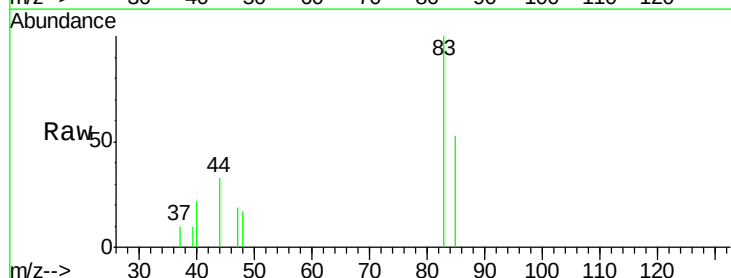
Acq: 23 Sep 2019 19:12

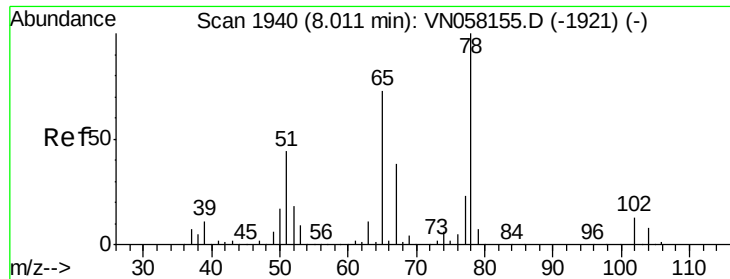
Tgt Ion: 83 Resp: 2614

Ion Ratio Lower Upper

83 100

85 53.1 51.4 77.2

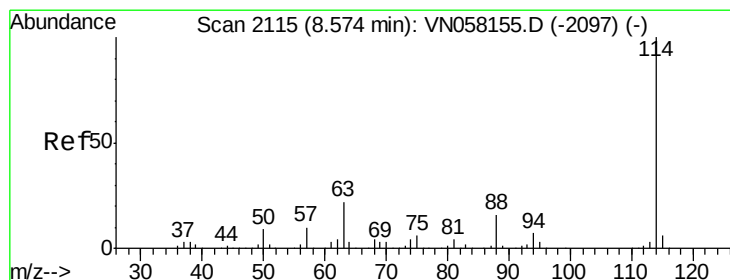
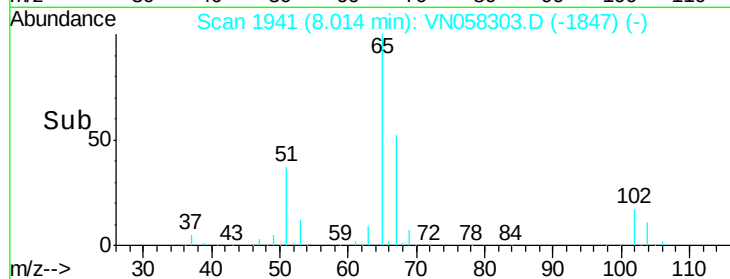
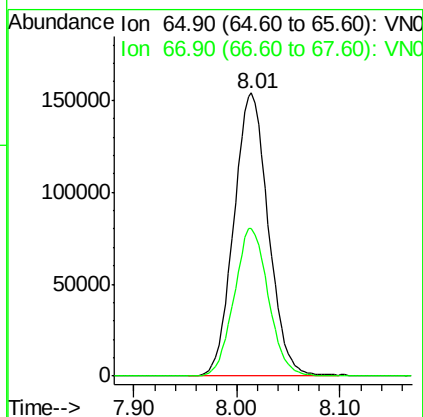
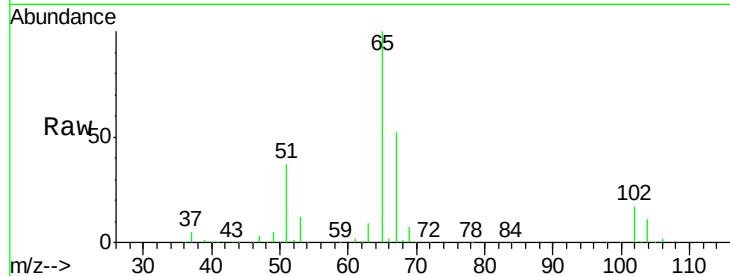




#33
 1,2-Dichloroethane-d4
 Concen: 54.191 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN058303.D
 Acq: 23 Sep 2019 19:12

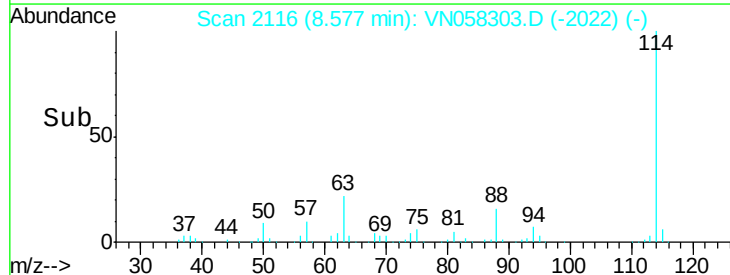
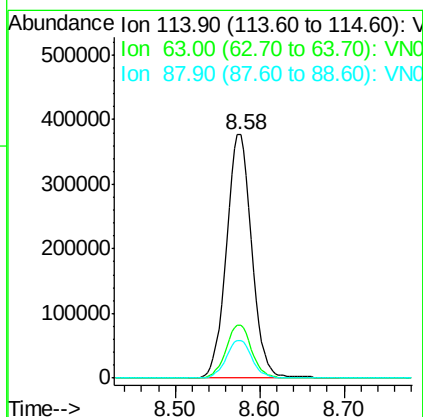
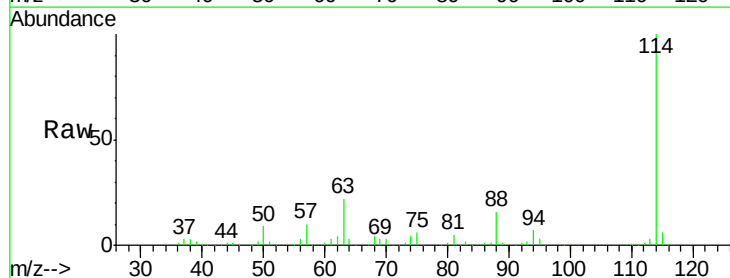
Instrument :
 MSVOA_N
 ClientSampleId :
 EO-01-091919

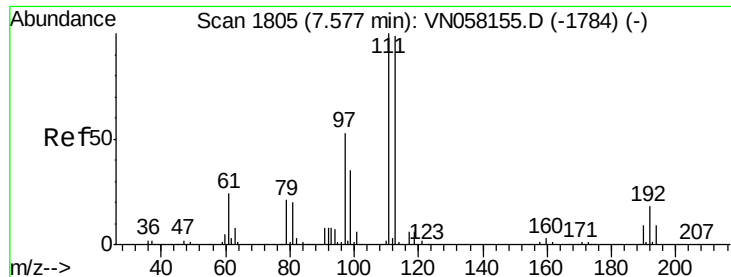
Tot Ion: 65 Resp: 358006
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN058303.D
 Acq: 23 Sep 2019 19:12

Tgt Ion: 114 Resp: 785233
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 44.2
 88 15.6 0.0 31.6





#35

Dibromofluoromethane

Concen: 51.989 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VN058303.D

Acq: 23 Sep 2019 19:12

Instrument :

MSVOA_N

ClientSampled :

EO-01-091919

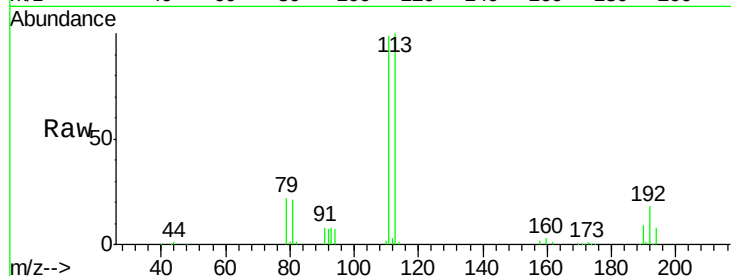
Tot Ion:113 Resp: 248171

Ion Ratio Lower Upper

113 100

111 102.5 81.8 122.6

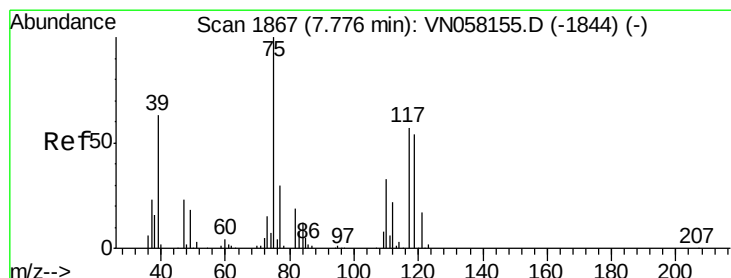
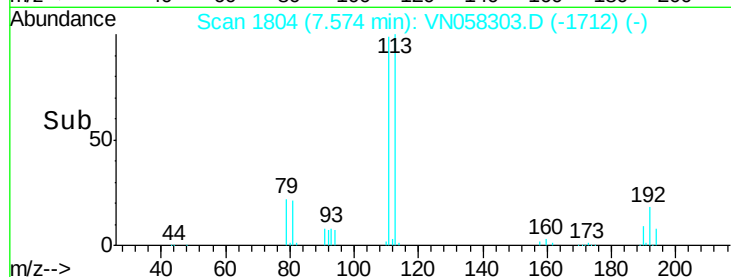
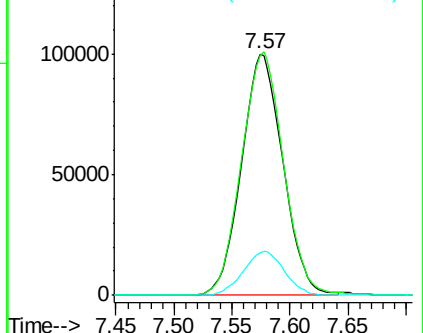
192 18.2 14.5 21.7



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: 7.583 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.13 min

Lab File: VN058303.D

Acq: 23 Sep 2019 19:12

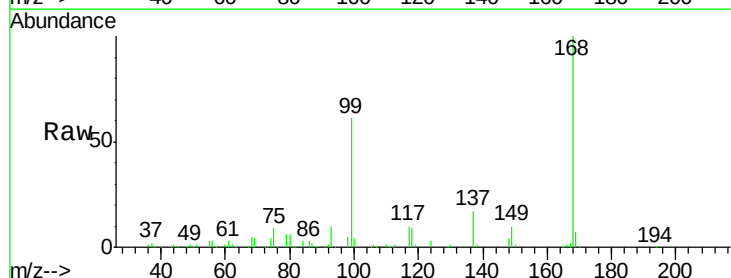
Tgt Ion: 75 Resp: 42941

Ion Ratio Lower Upper

75 100

110 8.7 16.6 49.7#

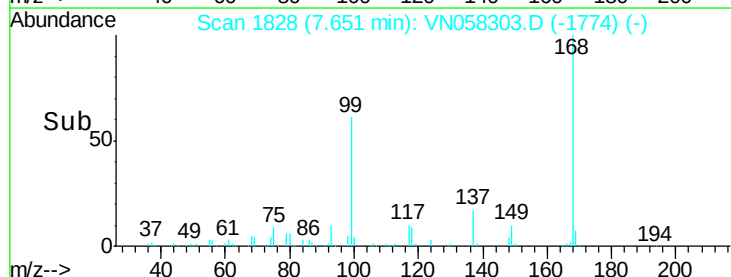
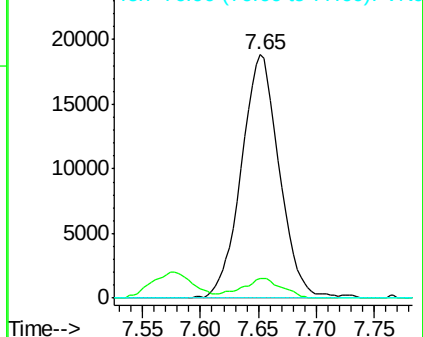
77 0.0 24.3 36.5#

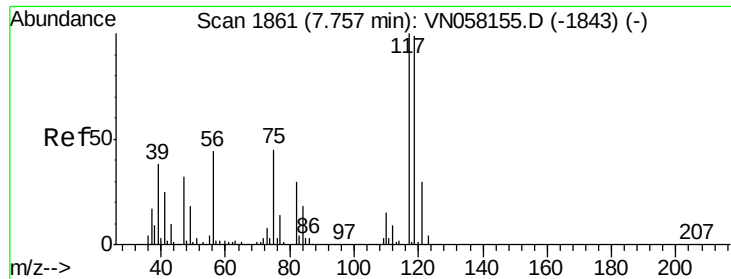


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VNO





#38

Carbon Tetrachloride

Concen: 8.680 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.11 min

Lab File: VN058303.D

Acq: 23 Sep 2019 19:12

Instrument :

MSVOA_N

ClientSampleId :

EO-01-091919

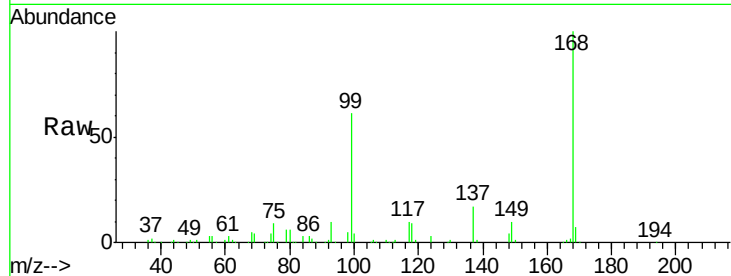
Tot Ion:117 Resp: 49408

Ion Ratio Lower Upper

117 100

119 5.5 78.6 117.8#

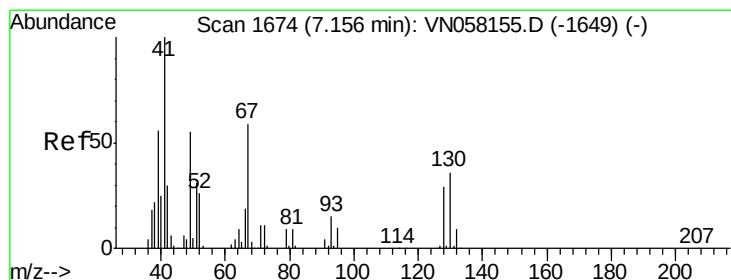
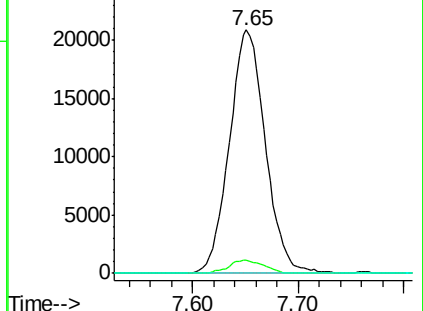
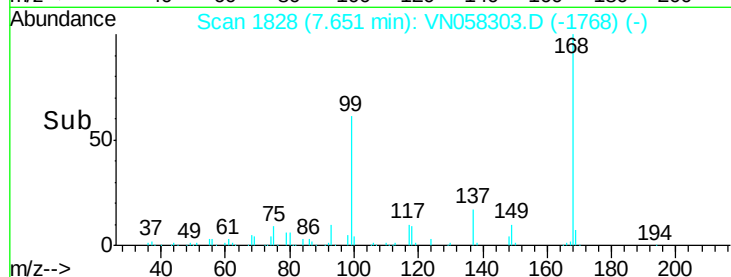
121 0.0 24.1 36.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#41

Methacrylonitrile

Concen: 0.942 ug/l

RT: 7.19 min Scan# 1684

Delta R.T. 0.03 min

Lab File: VN058303.D

Acq: 23 Sep 2019 19:12

Tgt Ion: 41 Resp: 93

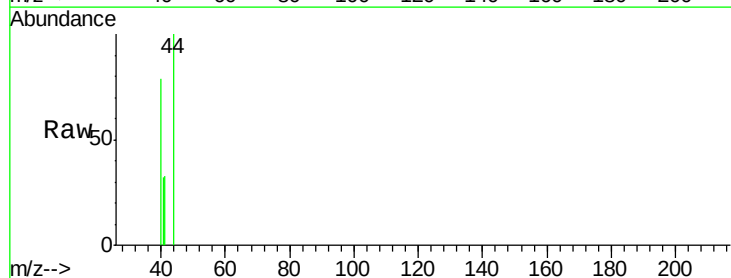
Ion Ratio Lower Upper

41 100

39 102.2 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

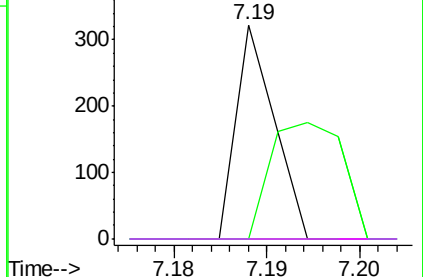
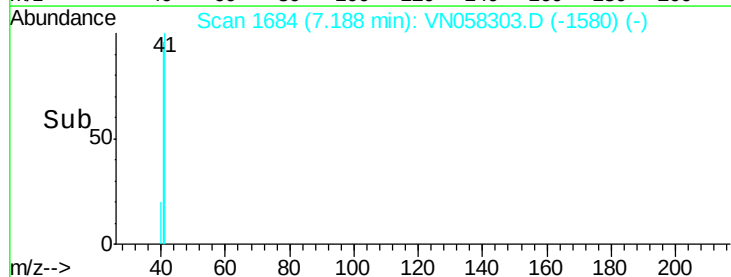


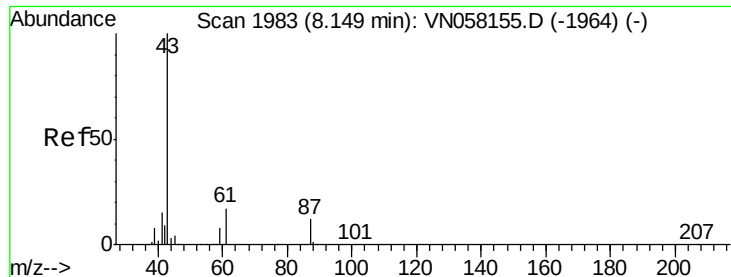
Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC





#43

Isopropyl Acetate

Concen: 7.063 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN058303.D

Acq: 23 Sep 2019 19:12

Instrument :

MSVOA_N

ClientSampleId :

EO-01-091919

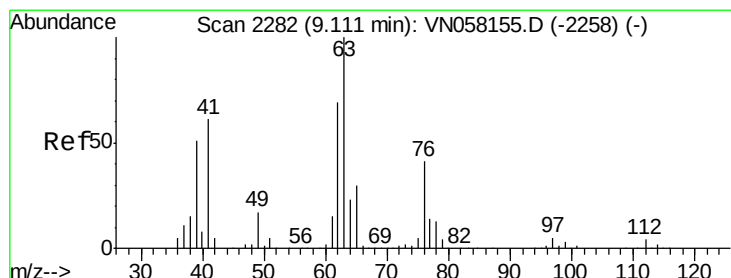
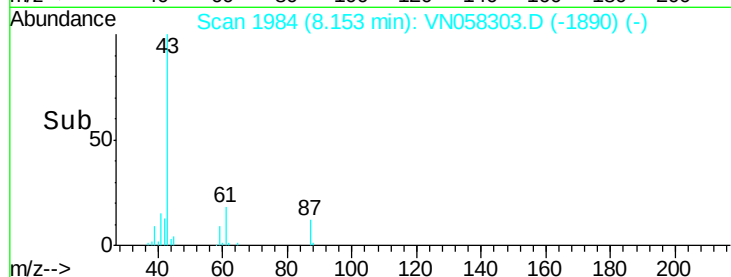
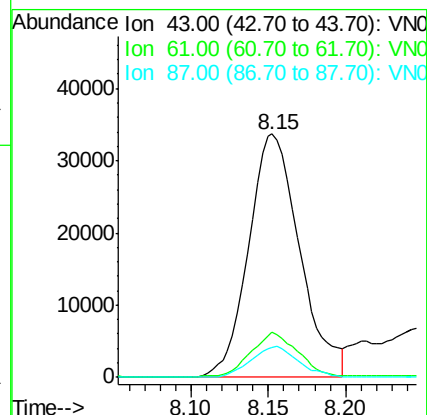
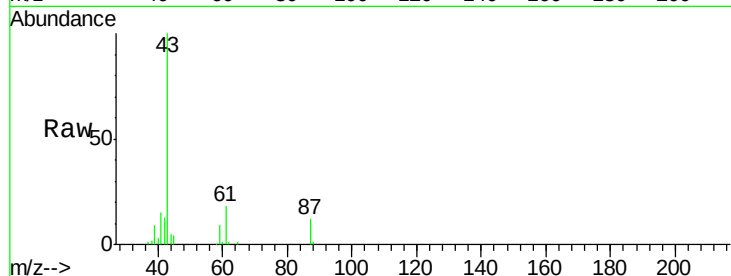
Tot Ion: 43 Resp: 77523

Ion Ratio Lower Upper

43 100

61 17.4 19.7 29.5#

87 11.6 9.4 14.2



#45

1,2-Dichloropropane

Concen: 0.294 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.15 min

Lab File: VN058303.D

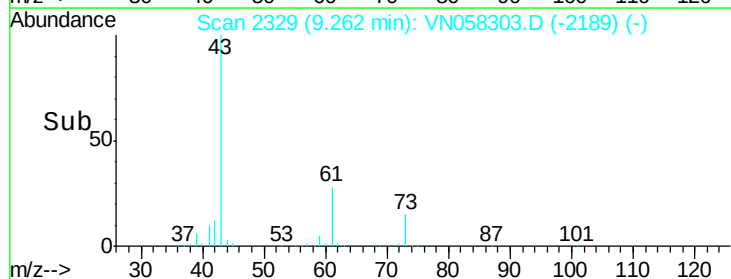
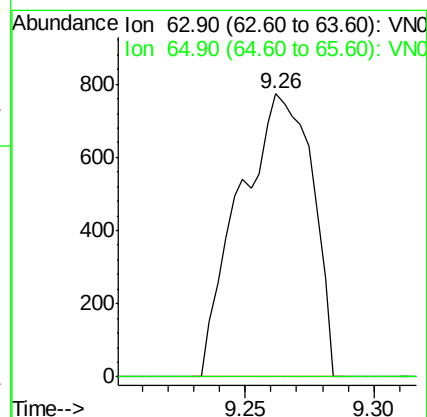
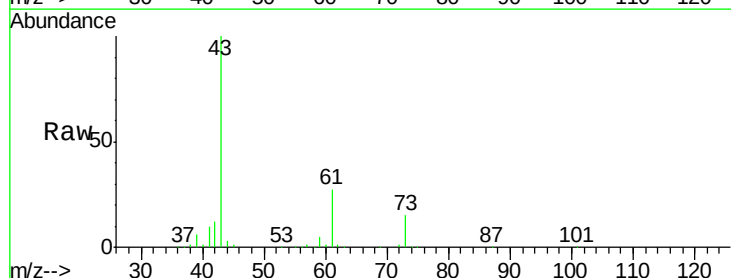
Acq: 23 Sep 2019 19:12

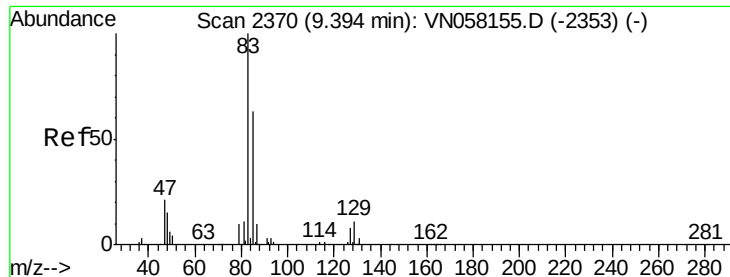
Tgt Ion: 63 Resp: 1519

Ion Ratio Lower Upper

63 100

65 0.0 23.8 35.6#





#47

Bromodichloromethane

Concen: 0.223 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN058303.D

Acq: 23 Sep 2019 19:12

Instrument :

MSVOA_N

ClientSampled :

EO-01-091919

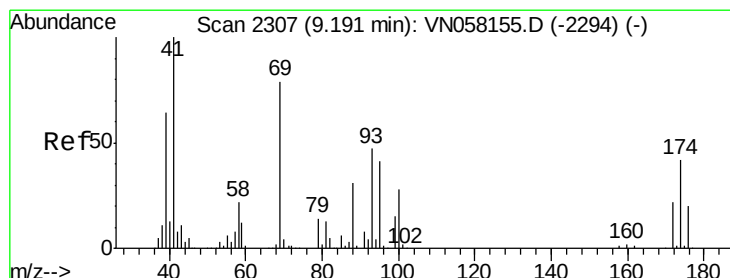
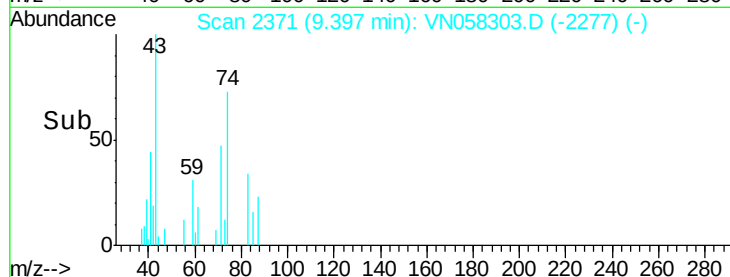
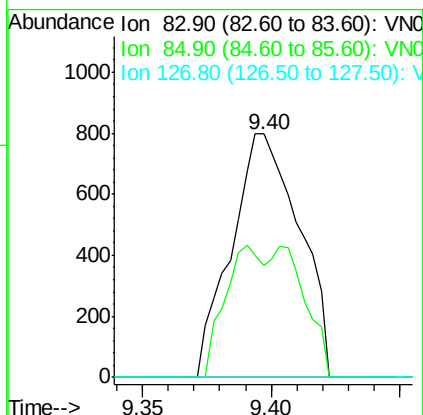
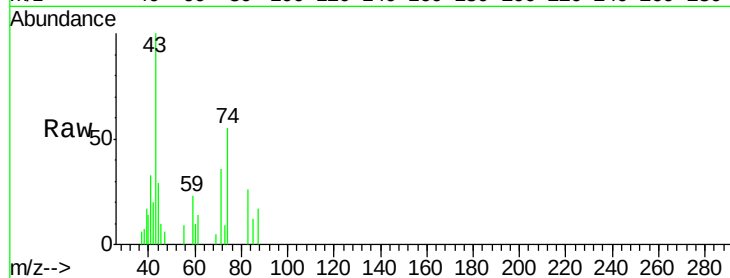
Tot Ion: 83 Resp: 1464

Ion Ratio Lower Upper

83 100

85 46.0 50.1 75.1#

127 0.0 6.4 9.6#



#48

Methyl methacrylate

Concen: 1.016 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.02 min

Lab File: VN058303.D

Acq: 23 Sep 2019 19:12

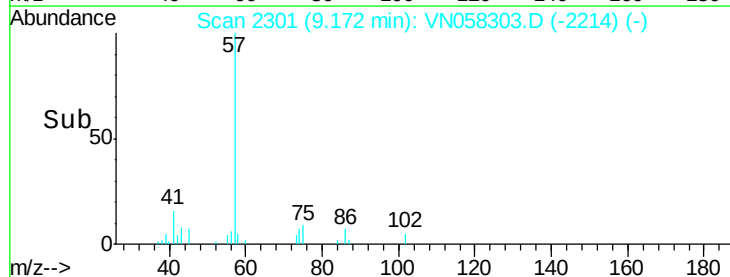
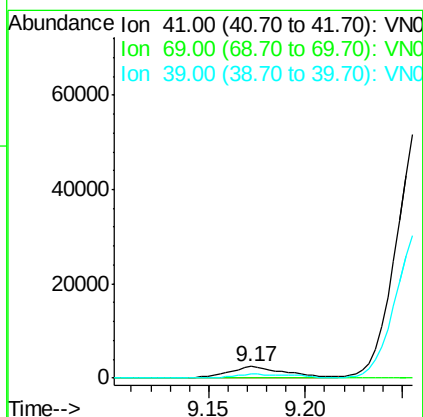
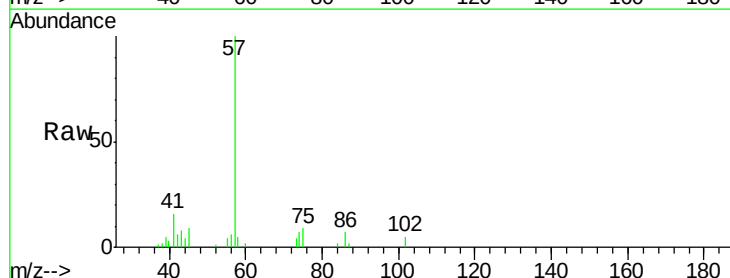
Tgt Ion: 41 Resp: 5064

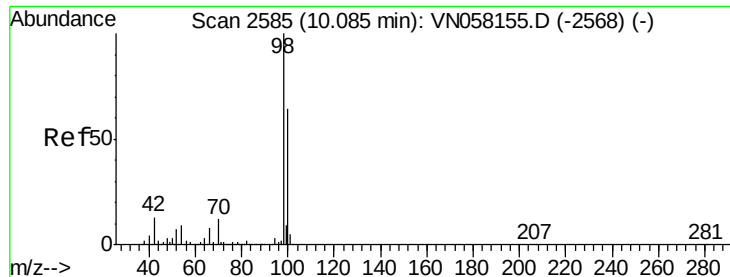
Ion Ratio Lower Upper

41 100

69 0.0 62.5 93.7#

39 0.0 52.3 78.5#

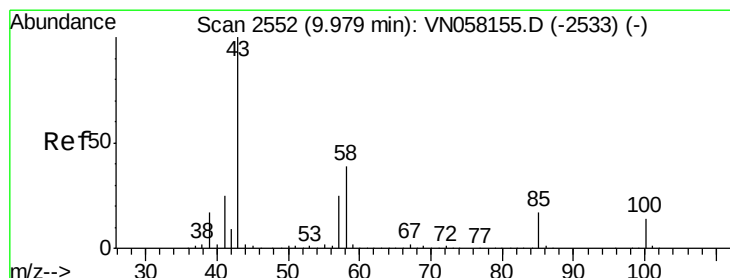
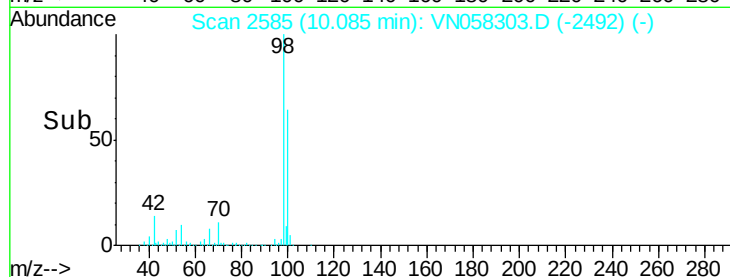
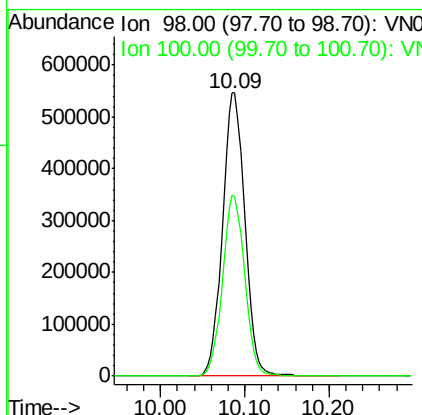
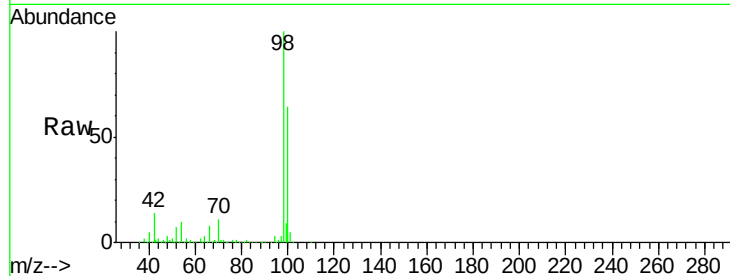




#50
Toluene-d8
Concen: 54.052 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058303.D
Acq: 23 Sep 2019 19:12

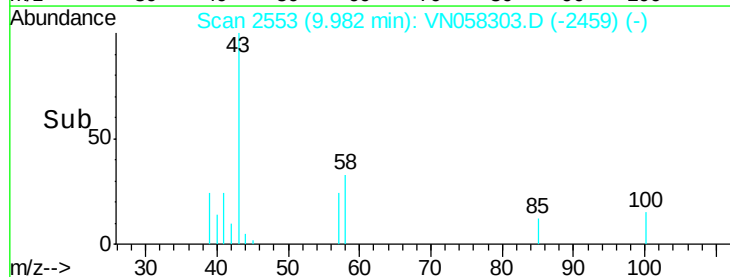
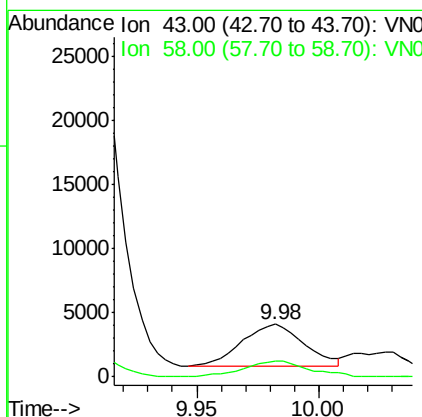
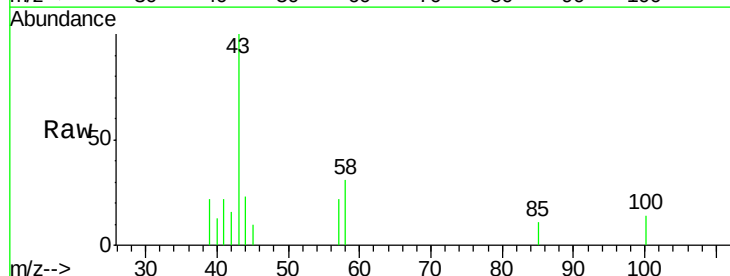
Instrument :
MSVOA_N
ClientSampled :
EO-01-091919

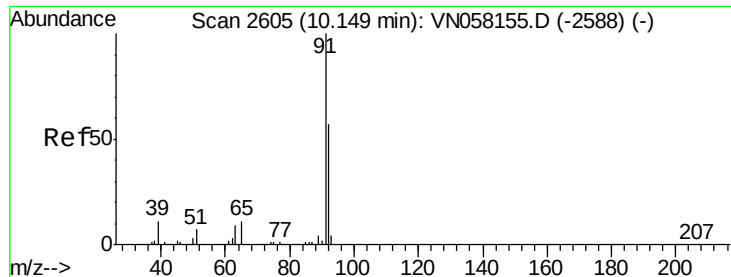
Tot Ion: 98 Resp: 1005304
Ion Ratio Lower Upper
98 100
100 63.5 51.1 76.7



#51
4-Methyl-2-Pentanone
Concen: 0.986 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. 0.00 min
Lab File: VN058303.D
Acq: 23 Sep 2019 19:12

Tgt Ion: 43 Resp: 5750
Ion Ratio Lower Upper
43 100
58 39.3 30.2 45.4





#52

Toluene

Concen: 0.346 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN058303.D

Acq: 23 Sep 2019 19:12

Instrument :

MSVOA_N

ClientSampleId :

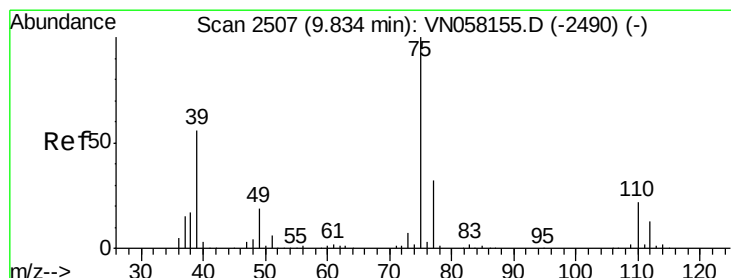
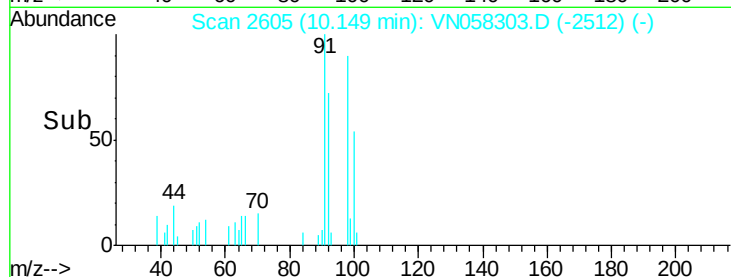
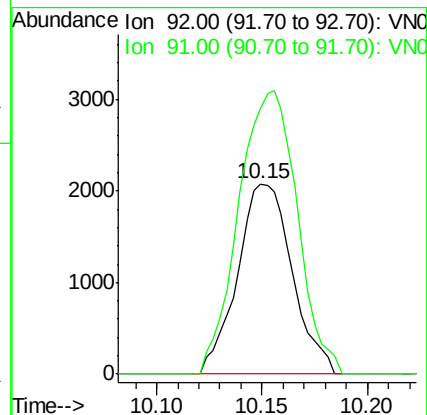
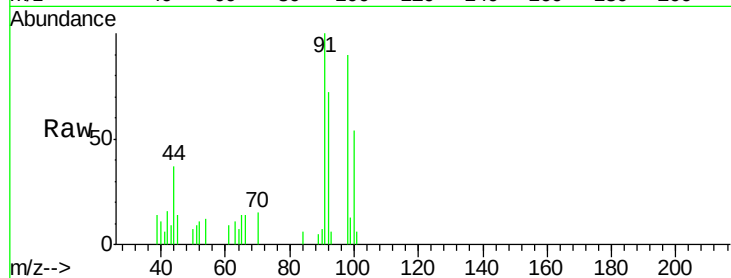
EO-01-091919

Tot Ion: 92 Resp: 3748

Ion Ratio Lower Upper

92 100

91 159.2 140.2 210.2



#54

cis-1,3-Dichloropropene

Concen: 4.795 ug/l

RT: 9.90 min Scan# 2527

Delta R.T. 0.06 min

Lab File: VN058303.D

Acq: 23 Sep 2019 19:12

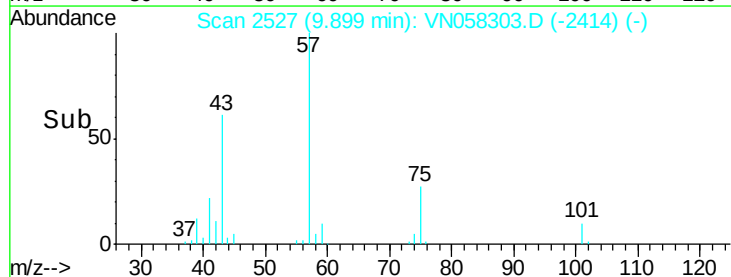
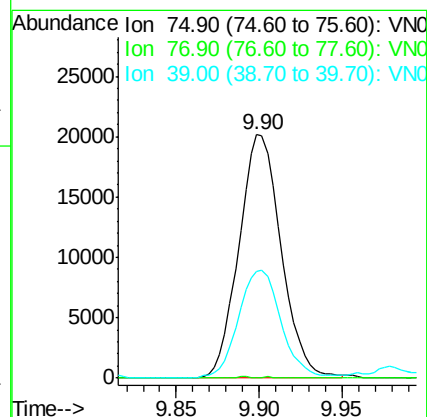
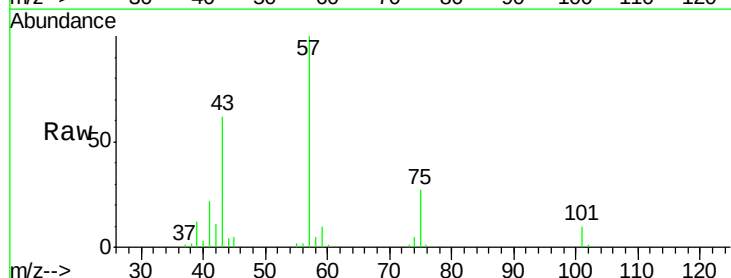
Tgt Ion: 75 Resp: 35674

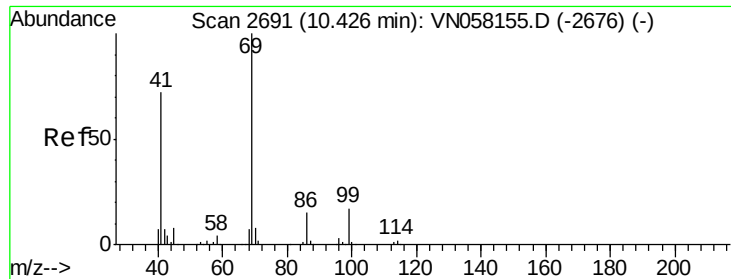
Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#

39 43.7 45.0 67.6#





#56

Ethyl methacrylate

Concen: 0.311 ug/l

RT: 10.54 min Scan# 2727

Delta R.T. 0.12 min

Lab File: VN058303.D

Acq: 23 Sep 2019 19:12

Instrument :

MSVOA_N

ClientSampleId :

EO-01-091919

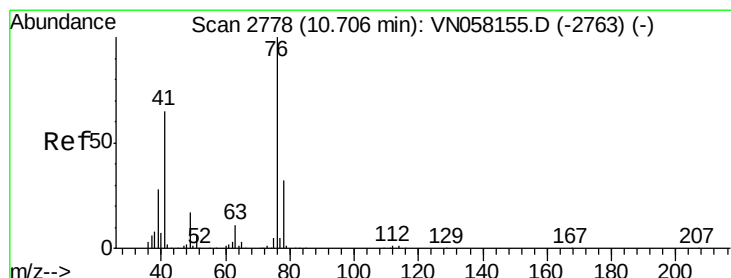
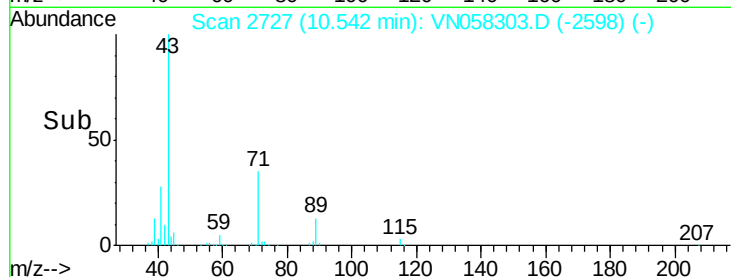
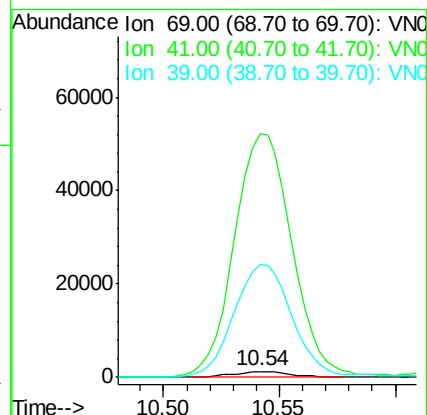
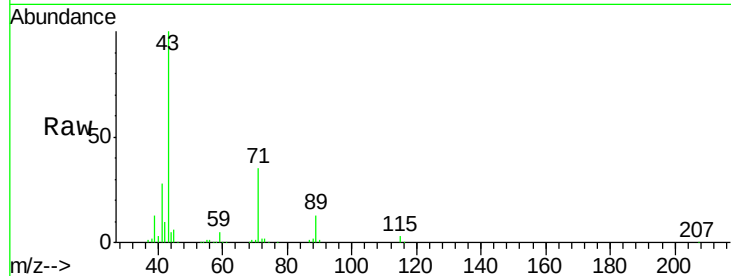
Tot Ion: 69 Resp: 2156

Ion Ratio Lower Upper

69 100

41 4202.5 57.5 86.3#

39 1969.5 36.1 54.1#



#57

1,3-Dichloropropane

Concen: 0.589 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN058303.D

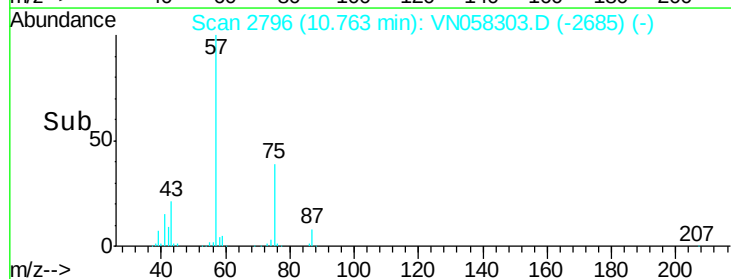
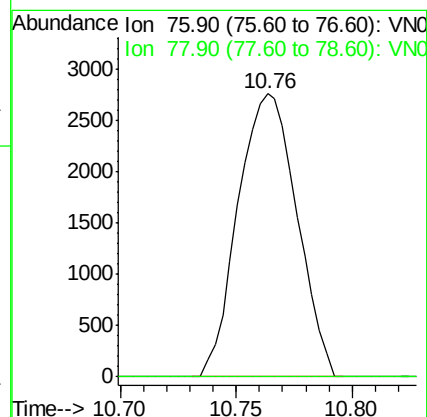
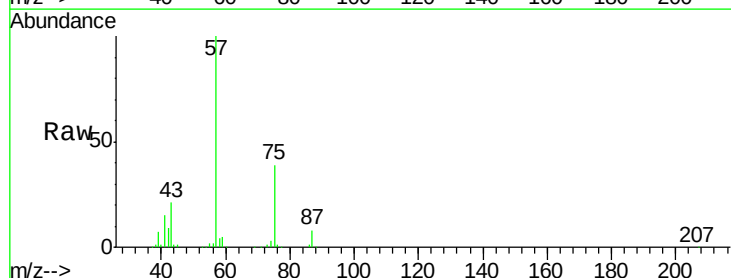
Acq: 23 Sep 2019 19:12

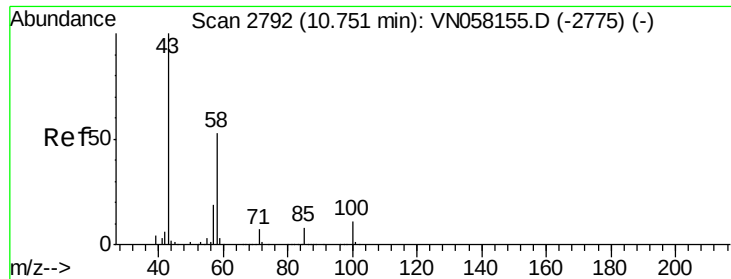
Tgt Ion: 76 Resp: 4871

Ion Ratio Lower Upper

76 100

78 0.0 25.4 38.0#

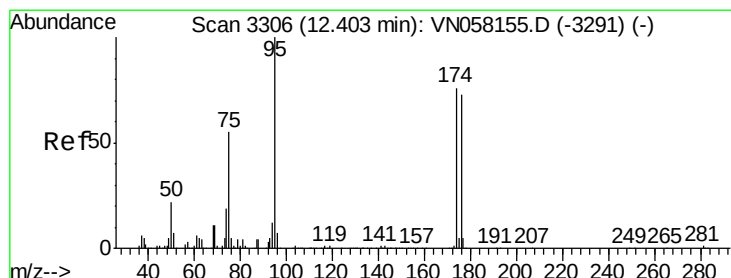
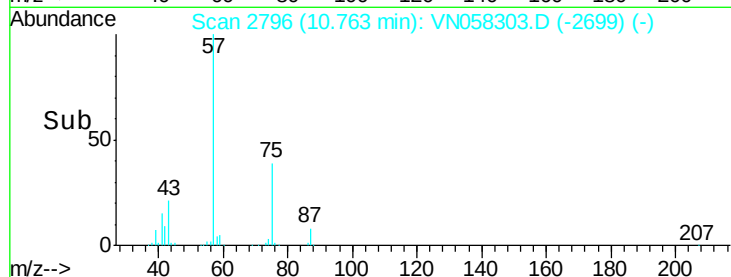
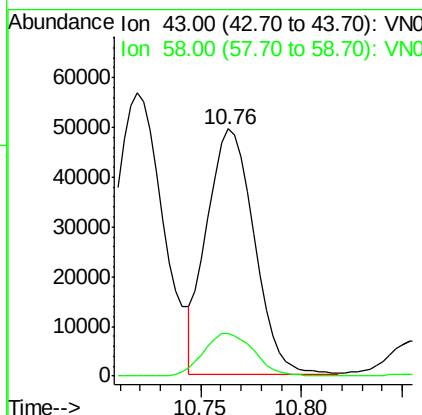
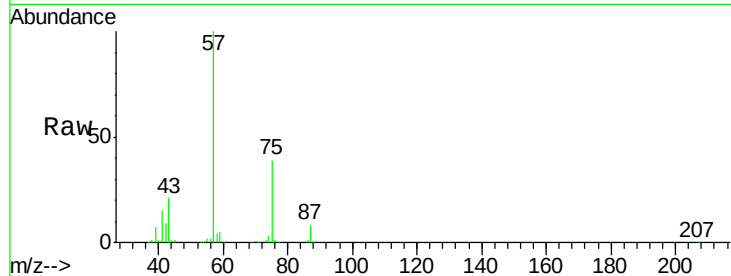




#59
2-Hexanone
Concen: 18.564 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN058303.D
Acq: 23 Sep 2019 19:12

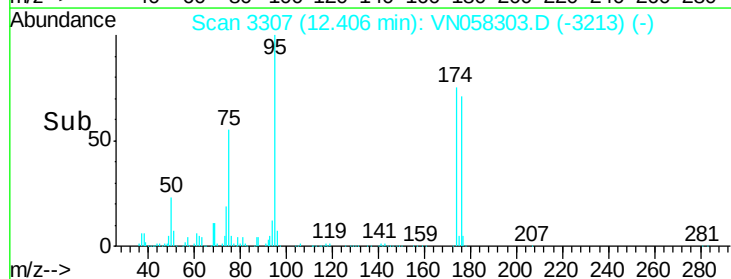
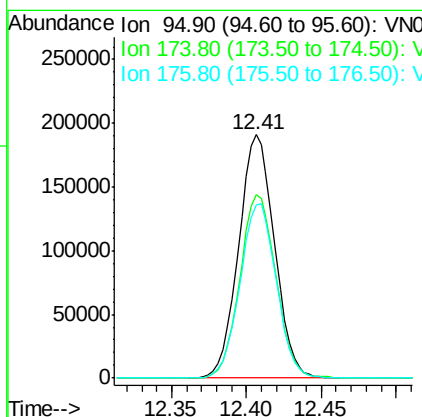
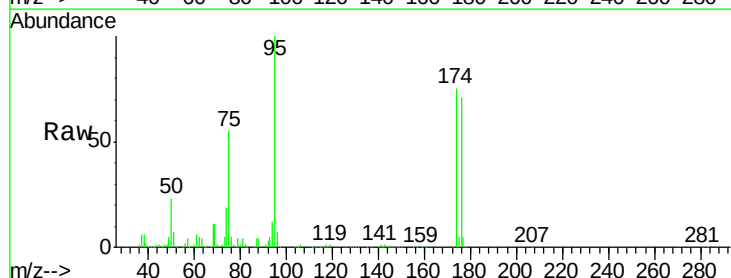
Instrument :
MSVOA_N
ClientSampled :
EO-01-091919

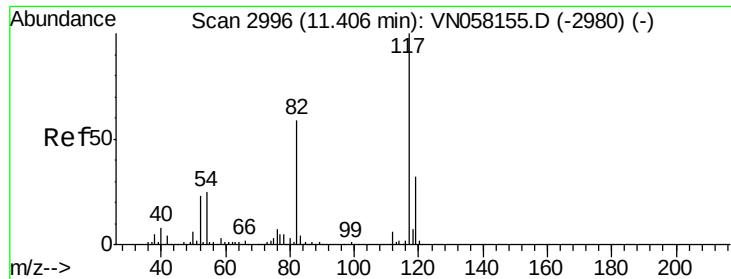
Tot Ion: 43 Resp: 80373
Ion Ratio Lower Upper
43 100
58 18.7 26.0 78.0#



#62
4-Bromofluorobenzene
Concen: 46.079 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058303.D
Acq: 23 Sep 2019 19:12

Tgt Ion: 95 Resp: 318349
Ion Ratio Lower Upper
95 100
174 75.9 0.0 152.2
176 72.8 0.0 148.0

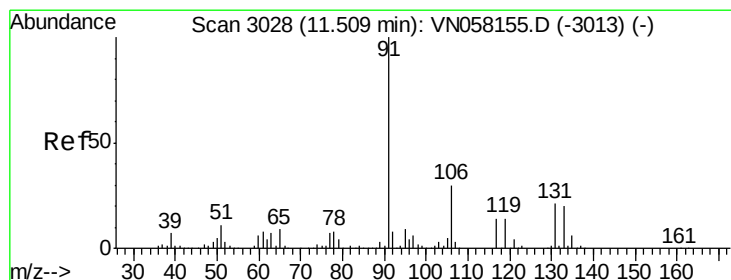
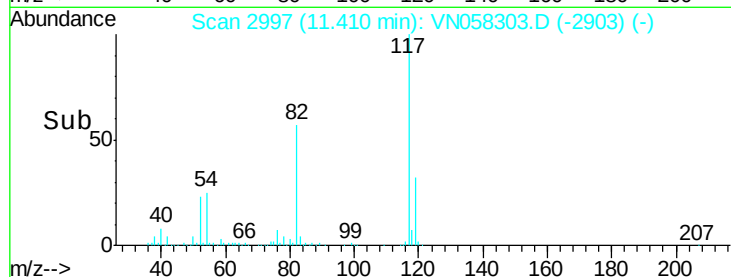
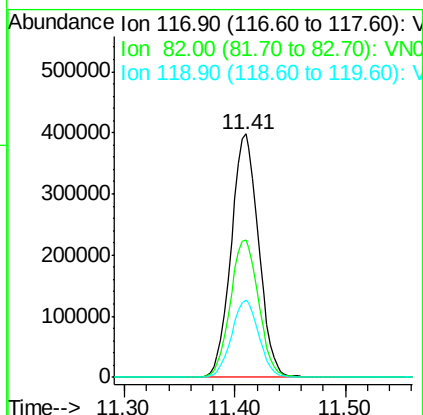
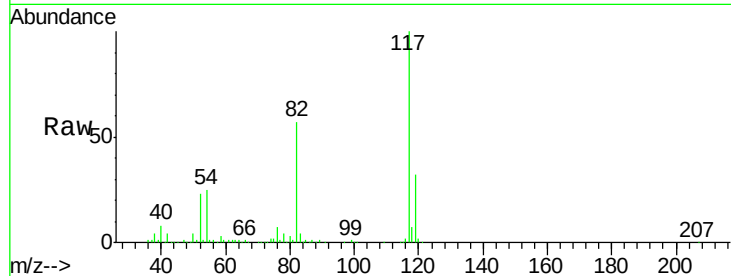




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058303.D
Acq: 23 Sep 2019 19:12

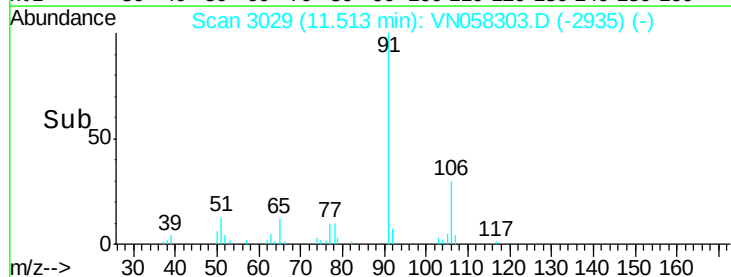
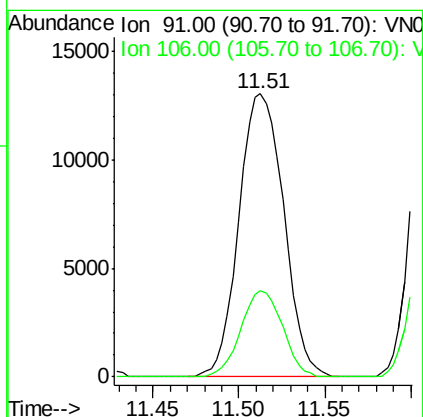
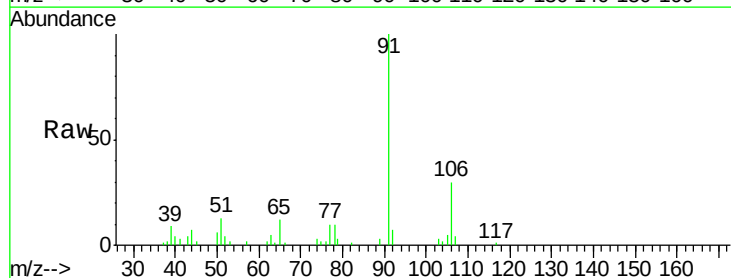
Instrument :
MSVOA_N
ClientSampled :
EO-01-091919

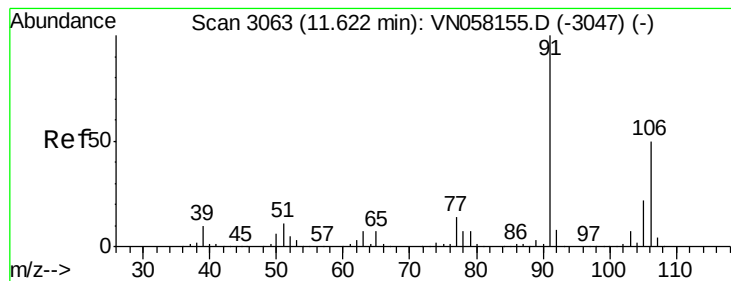
Tot Ion:117 Resp: 686673
Ion Ratio Lower Upper
117 100
82 56.7 46.9 70.3
119 31.8 25.3 37.9



#67
Ethyl Benzene
Concen: 1.141 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN058303.D
Acq: 23 Sep 2019 19:12

Tgt Ion: 91 Resp: 23619
Ion Ratio Lower Upper
91 100
106 30.4 24.0 36.0





#68

m/p-Xylenes

Concen: 4.571 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN058303.D

Acq: 23 Sep 2019 19:12

Instrument :

MSVOA_N

ClientSampleId :

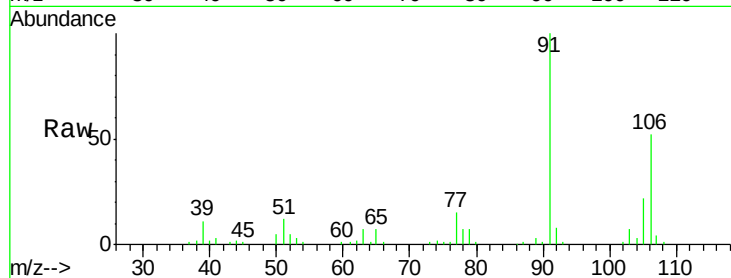
EO-01-091919

Tot Ion:106 Resp: 35626

Ion Ratio Lower Upper

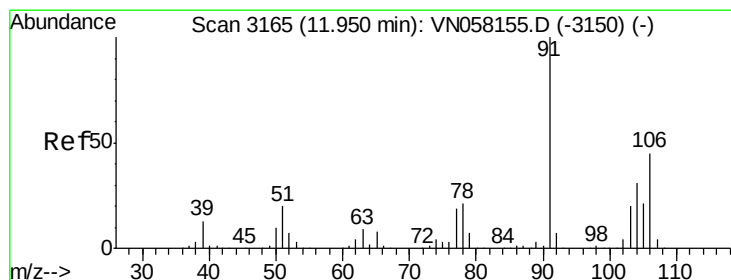
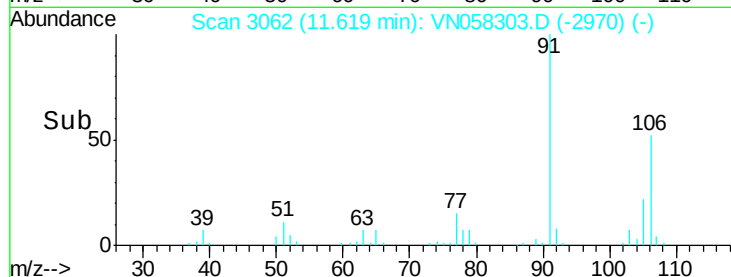
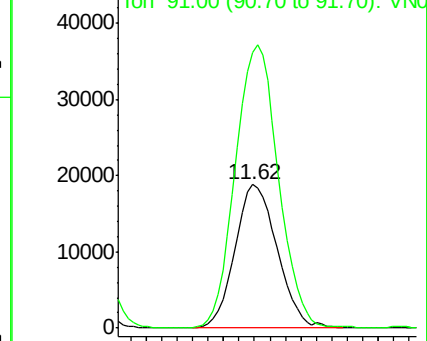
106 100

91 201.1 163.6 245.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#69

o-Xylene

Concen: 2.577 ug/l

RT: 11.95 min Scan# 3166

Delta R.T. 0.00 min

Lab File: VN058303.D

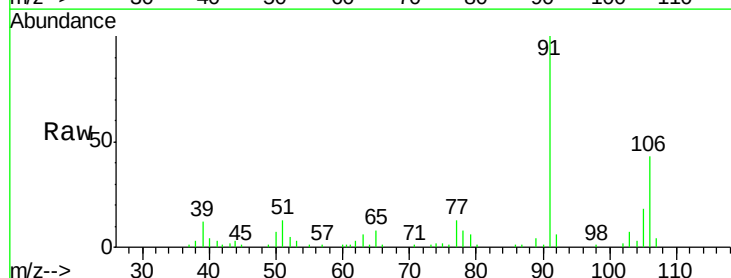
Acq: 23 Sep 2019 19:12

Tgt Ion:106 Resp: 19754

Ion Ratio Lower Upper

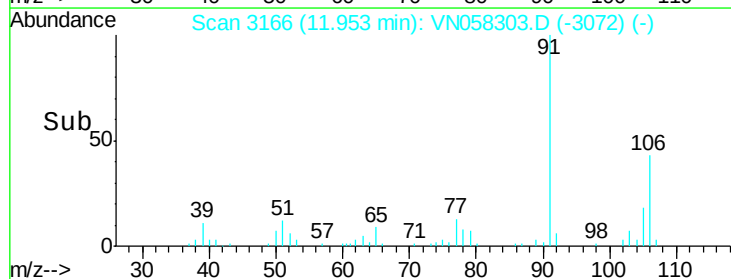
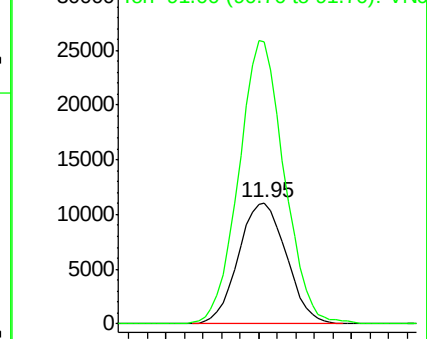
106 100

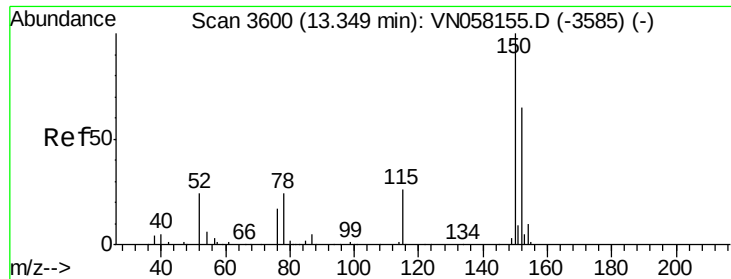
91 222.5 111.8 335.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058303.D

Acq: 23 Sep 2019 19:12

Instrument :

MSVOA_N

ClientSampleId :

EO-01-091919

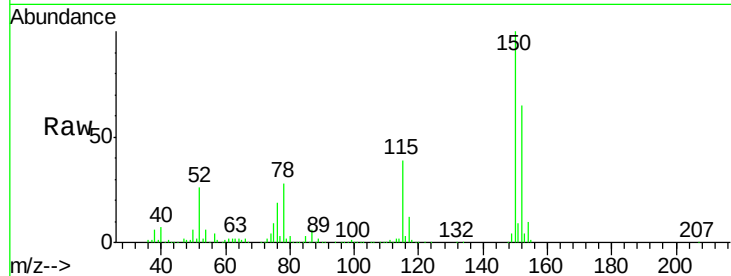
Tot Ion:152 Resp: 278907

Ion Ratio Lower Upper

152 100

115 61.7 30.1 90.3

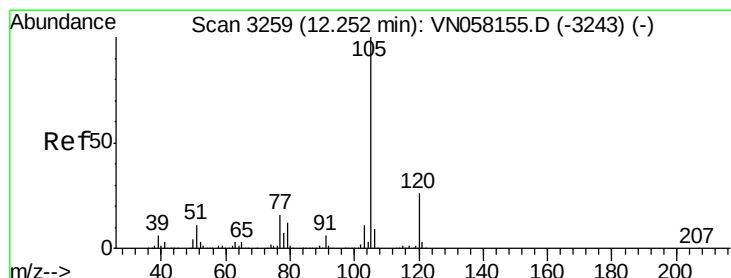
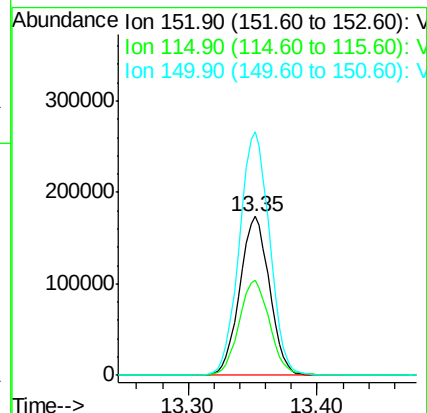
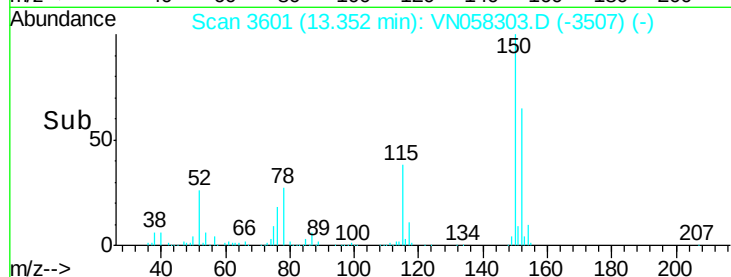
150 155.6 0.0 346.4



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: 0.223 ug/l

RT: 12.26 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN058303.D

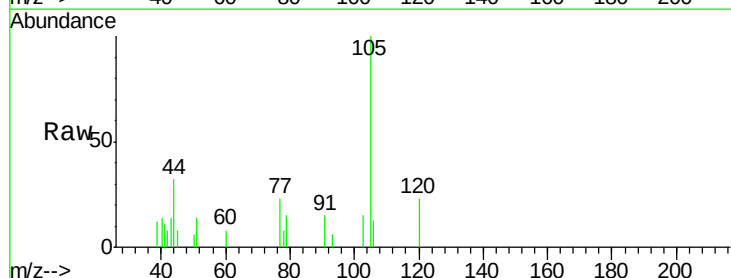
Acq: 23 Sep 2019 19:12

Tgt Ion:105 Resp: 3887

Ion Ratio Lower Upper

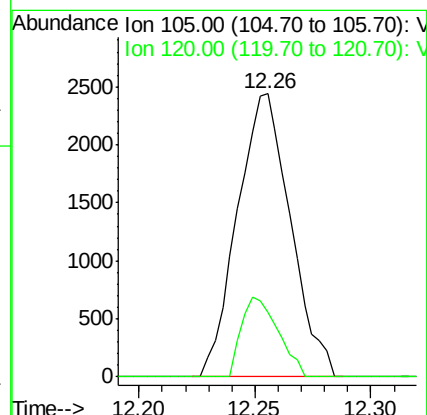
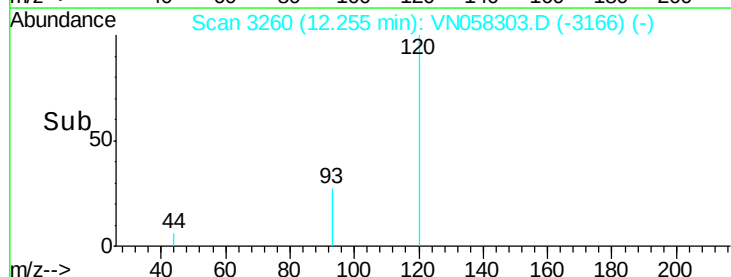
105 100

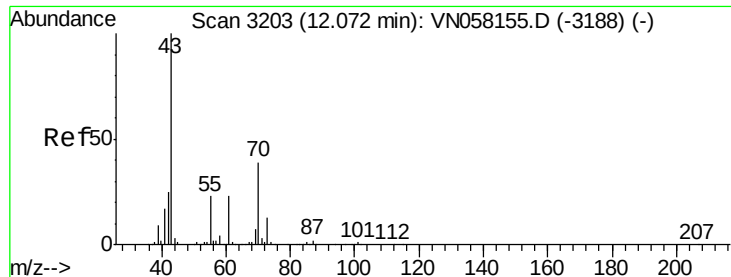
120 19.3 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyl acetate

Concen: 0.580 ug/l

RT: 12.04 min Scan# 3193

Delta R.T. -0.03 min

Lab File: VN058303.D

Acq: 23 Sep 2019 19:12

Instrument :

MSVOA_N

ClientSampleId :

EO-01-091919

Tot Ion: 43 Resp: 4233

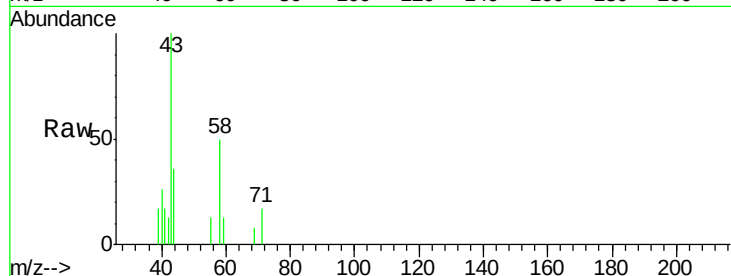
Ion Ratio Lower Upper

43 100

70 0.0 31.0 46.6#

55 6.9 18.5 27.7#

61 0.0 18.2 27.2#

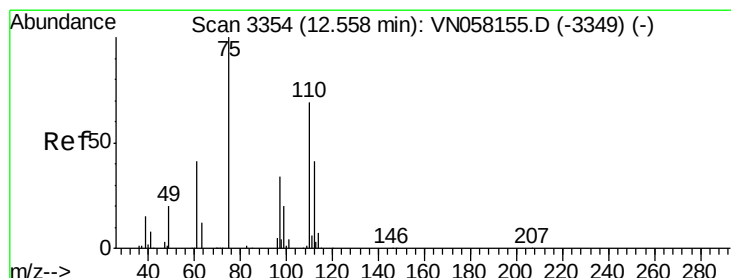
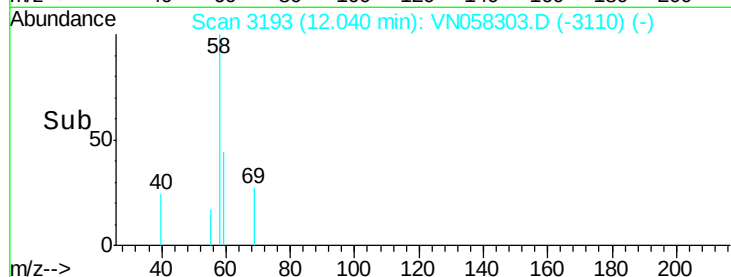
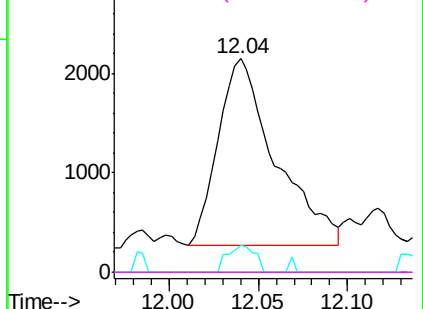


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 35.324 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058303.D

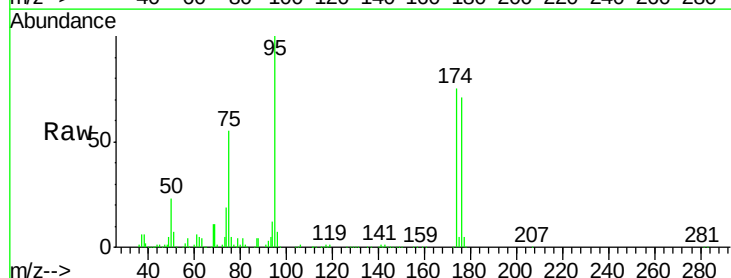
Acq: 23 Sep 2019 19:12

Tgt Ion: 75 Resp: 176324

Ion Ratio Lower Upper

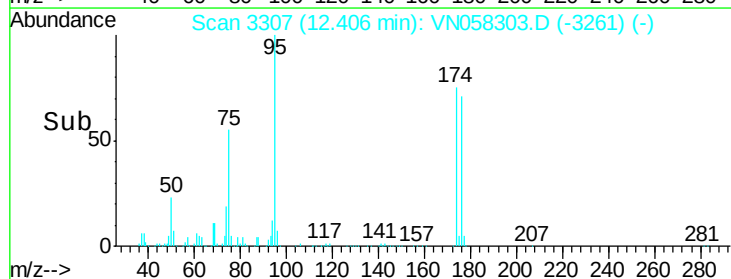
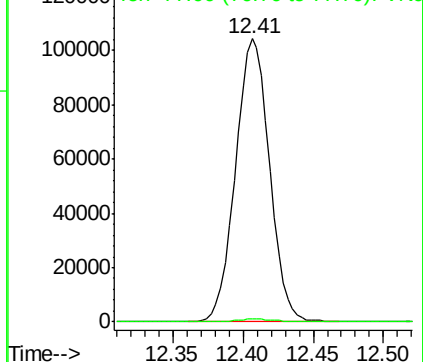
75 100

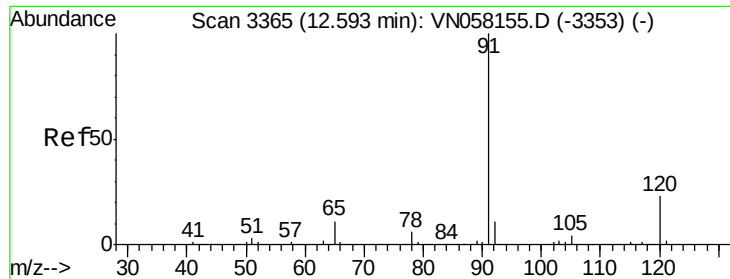
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#78

n-propylbenzene

Concen: 0.764 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN058303.D

Acq: 23 Sep 2019 19:12

Instrument :

MSVOA_N

ClientSampled :

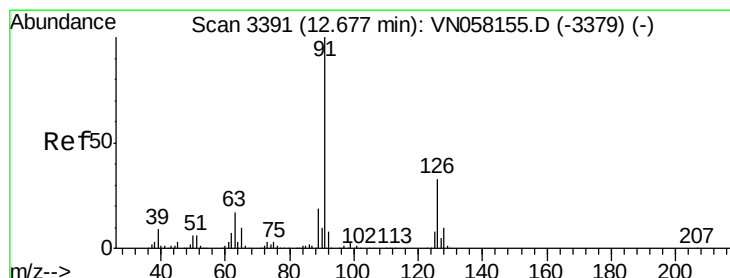
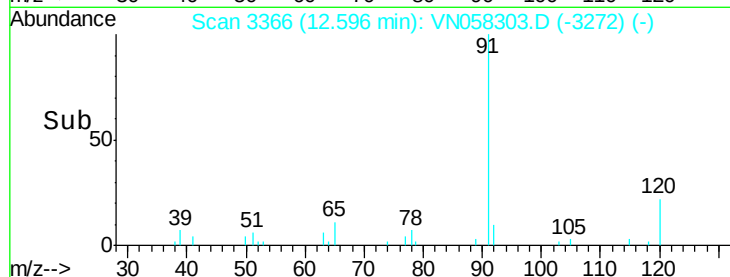
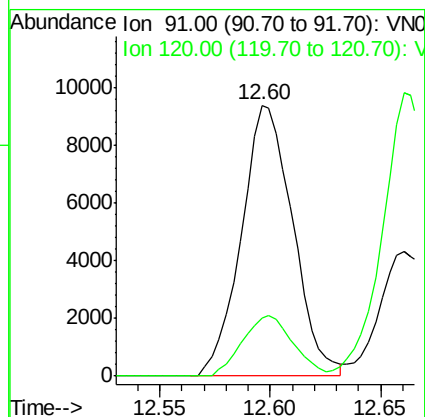
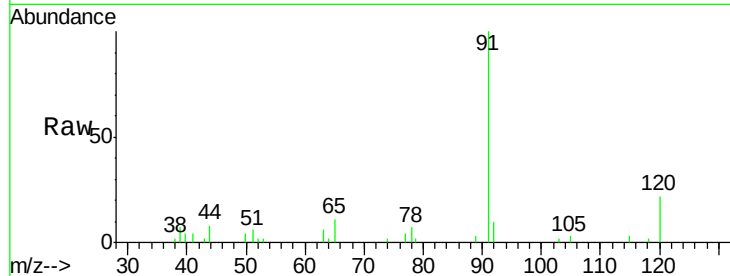
EO-01-091919

Tot Ion: 91 Resp: 15153

Ion Ratio Lower Upper

91 100

120 22.0 11.1 33.3



#79

2-Chlorotoluene

Concen: 0.574 ug/l

RT: 12.66 min Scan# 3386

Delta R.T. -0.02 min

Lab File: VN058303.D

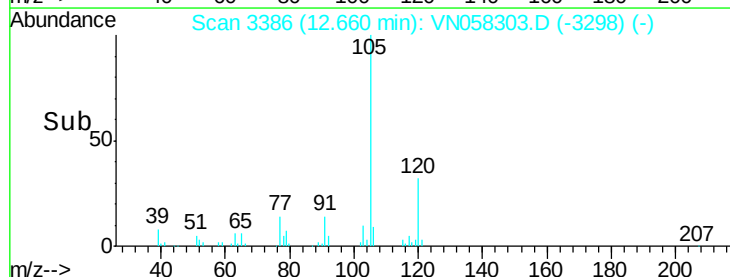
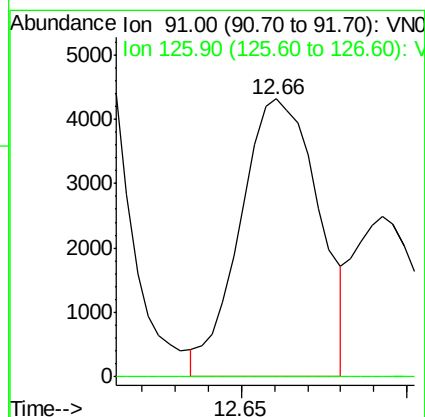
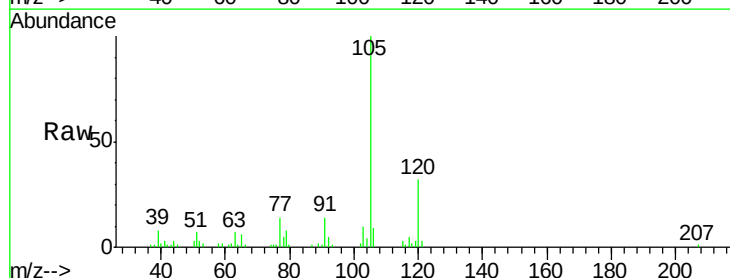
Acq: 23 Sep 2019 19:12

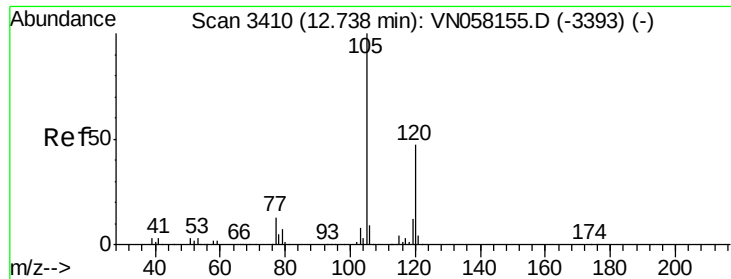
Tgt Ion: 91 Resp: 7115

Ion Ratio Lower Upper

91 100

126 0.0 16.4 49.1#

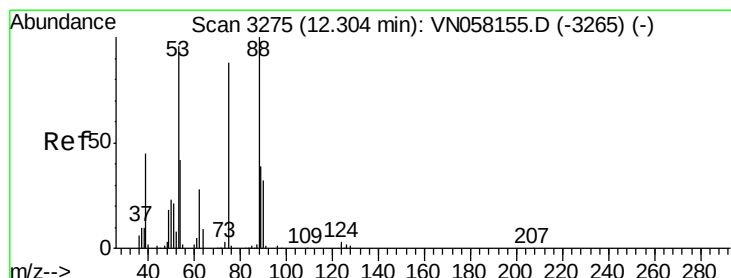
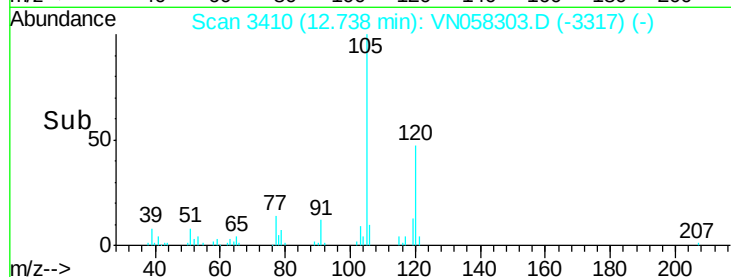
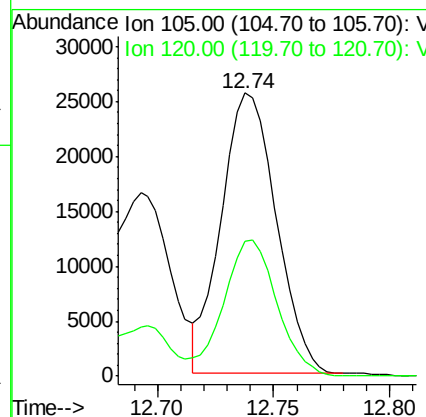
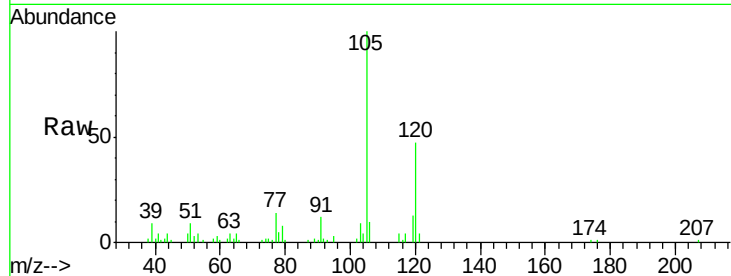




#80
 1,3,5-Trimethylbenzene
 Concen: 2.849 ug/l
 RT: 12.74 min Scan# 3410
 Delta R.T. 0.00 min
 Lab File: VN058303.D
 Acq: 23 Sep 2019 19:12

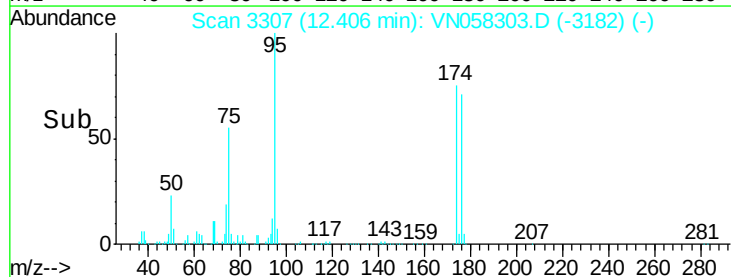
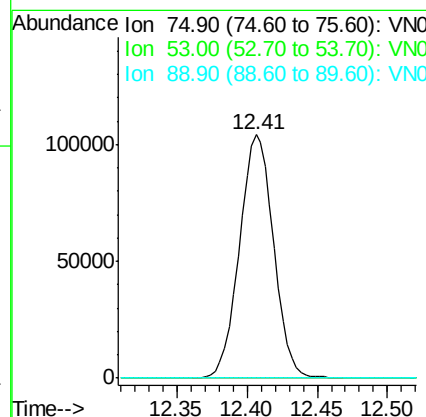
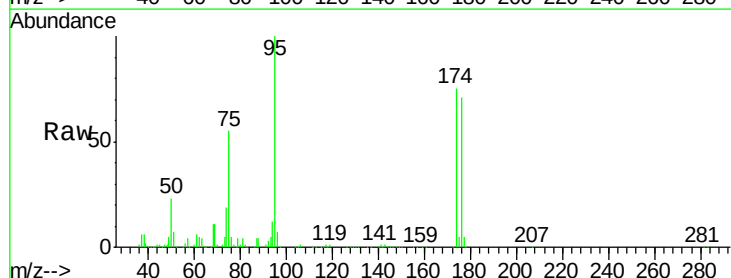
Instrument :
 MSVOA_N
 ClientSampleId :
 EO-01-091919

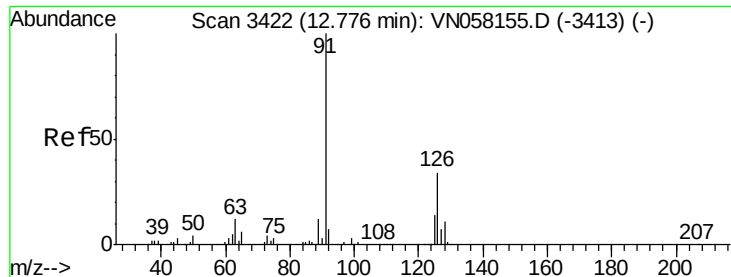
Tot Ion:105 Resp: 42061
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.4 70.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.761 ug/l
 RT: 12.41 min Scan# 3307
 Delta R.T. 0.10 min
 Lab File: VN058303.D
 Acq: 23 Sep 2019 19:12

Tgt Ion: 75 Resp: 176324
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.1 135.1#
 89 0.0 36.2 54.2#





#82

4-Chlorotoluene

Concen: 0.394 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. -0.04 min

Lab File: VN058303.D

Acq: 23 Sep 2019 19:12

Instrument :

MSVOA_N

ClientSampleId :

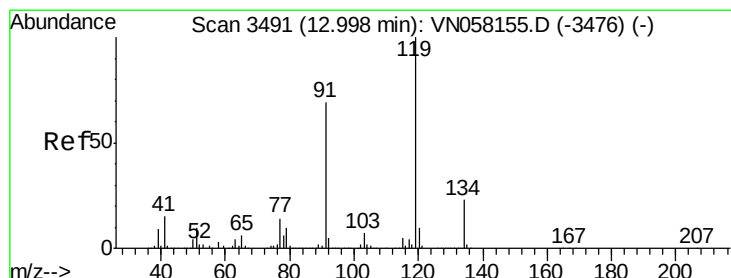
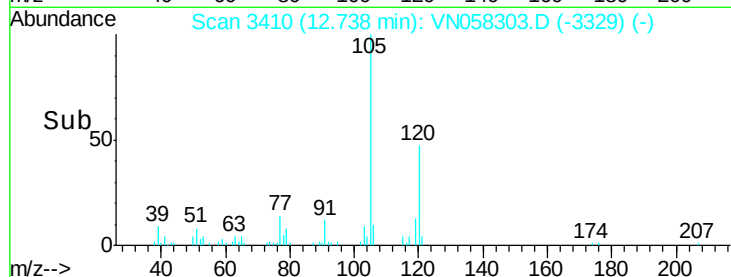
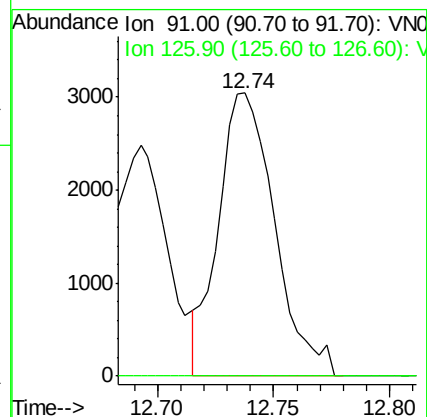
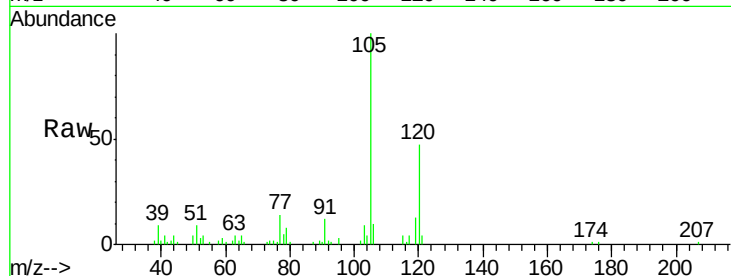
EO-01-091919

Tot Ion: 91 Resp: 5136

Ion Ratio Lower Upper

91 100

126 0.0 15.7 47.1#



#83

tert-Butylbenzene

Concen: 1.355 ug/l

RT: 13.05 min Scan# 3506

Delta R.T. 0.05 min

Lab File: VN058303.D

Acq: 23 Sep 2019 19:12

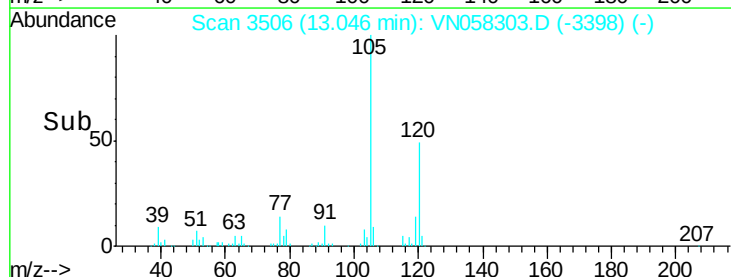
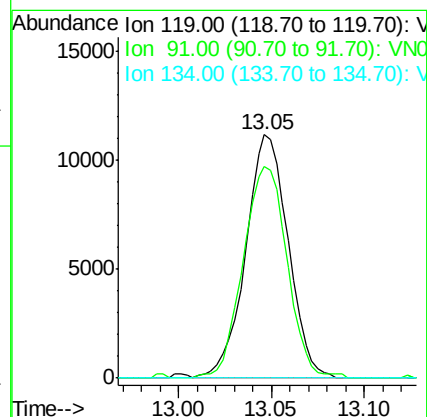
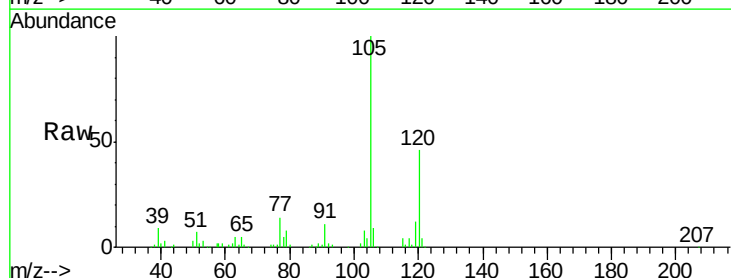
Tgt Ion: 119 Resp: 17839

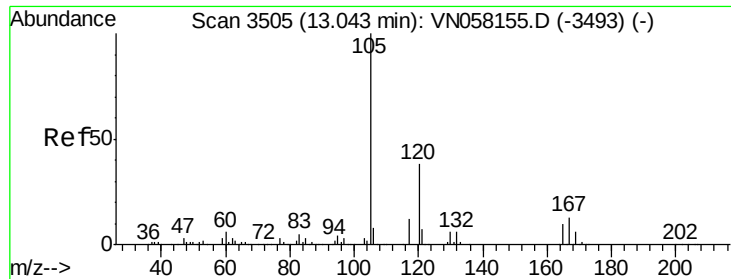
Ion Ratio Lower Upper

119 100

91 90.1 33.8 101.3

134 0.0 11.6 34.8#





#84

1,2,4-Trimethylbenzene

Concen: 9.802 ug/l

RT: 13.05 min Scan# 3506

Delta R.T. 0.00 min

Lab File: VN058303.D

Acq: 23 Sep 2019 19:12

Instrument :

MSVOA_N

ClientSampled :

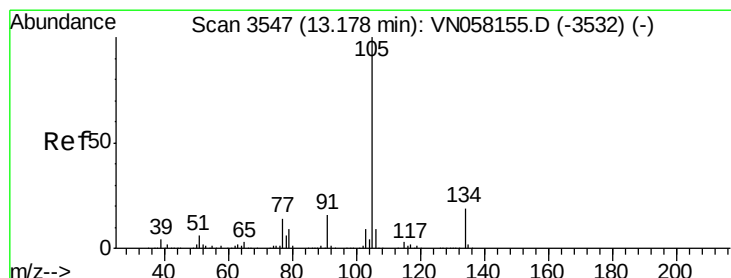
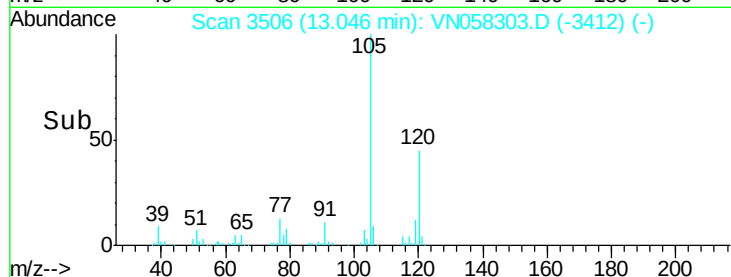
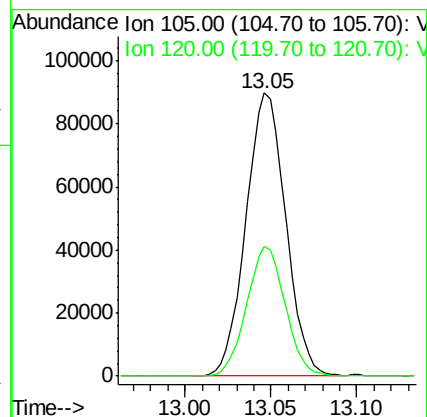
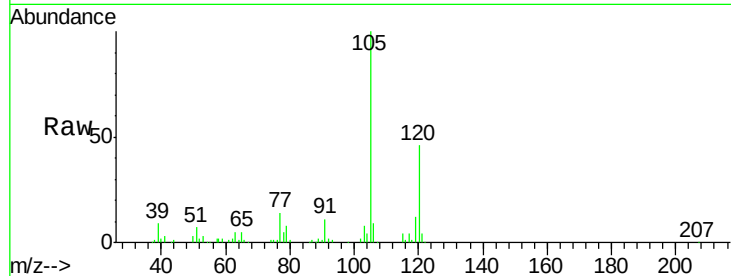
EO-01-091919

Tot Ion:105 Resp: 144008

Ion Ratio Lower Upper

105 100

120 44.3 22.1 66.5



#85

sec-Butylbenzene

Concen: 0.328 ug/l

RT: 13.18 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN058303.D

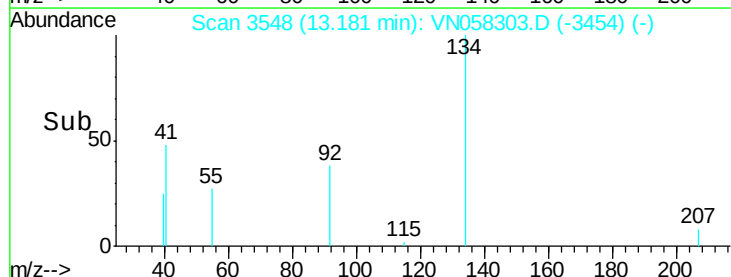
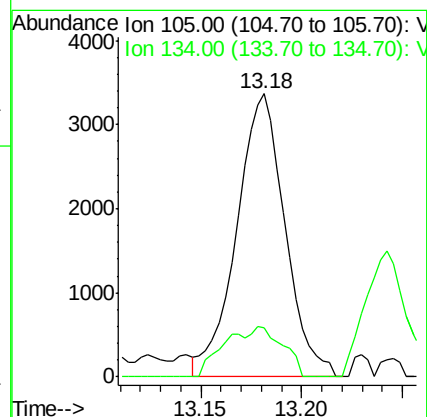
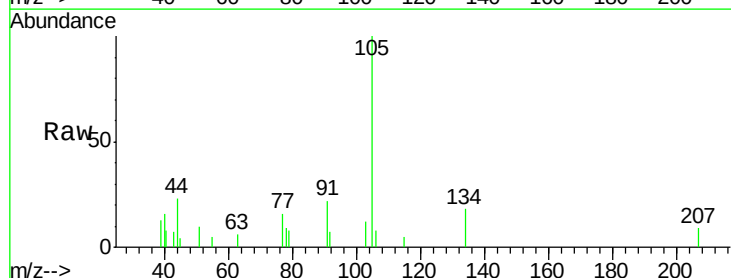
Acq: 23 Sep 2019 19:12

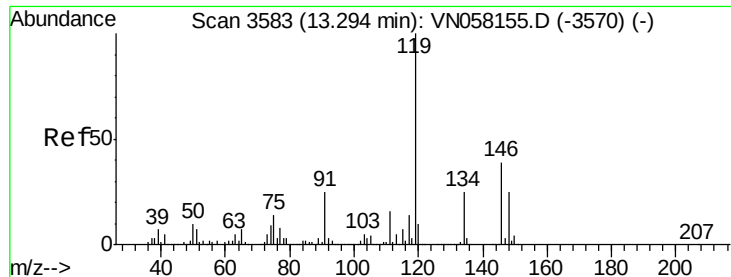
Tgt Ion:105 Resp: 5649

Ion Ratio Lower Upper

105 100

134 21.3 9.5 28.5

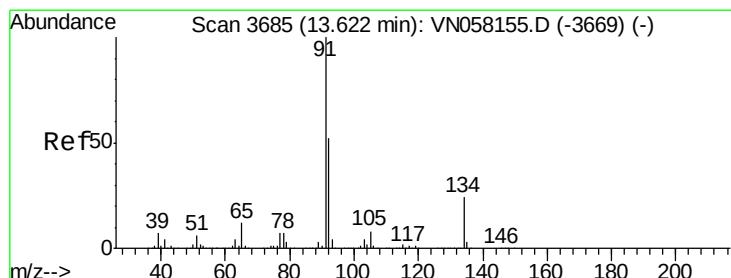
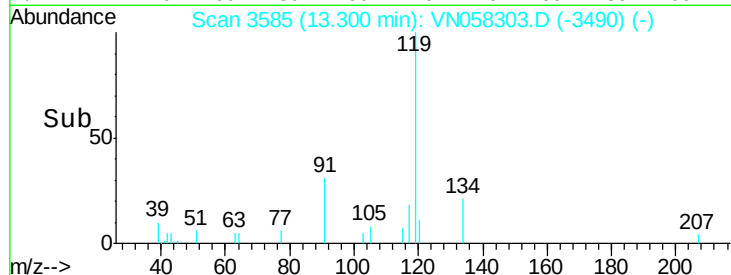
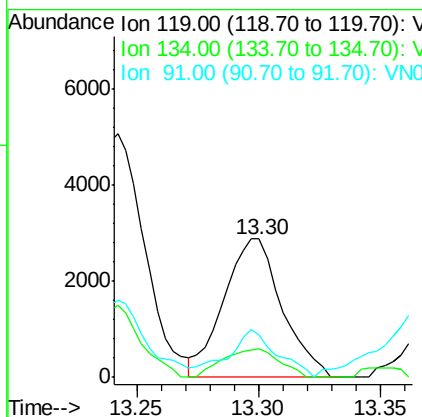
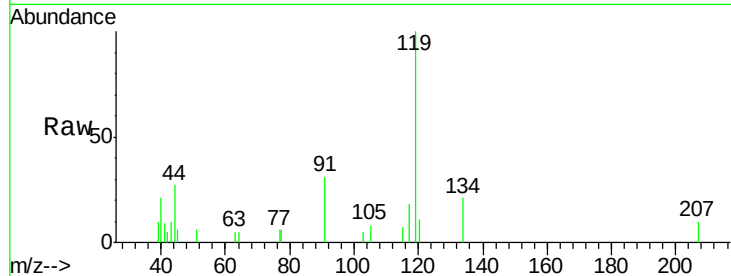




#86
 p-Isopropyltoluene
 Concen: 0.312 ug/l
 RT: 13.30 min Scan# 3585
 Delta R.T. 0.01 min
 Lab File: VN058303.D
 Acq: 23 Sep 2019 19:12

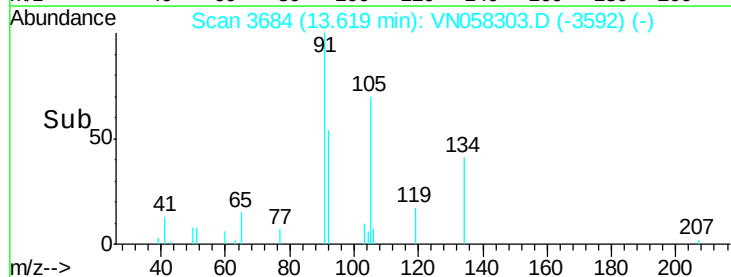
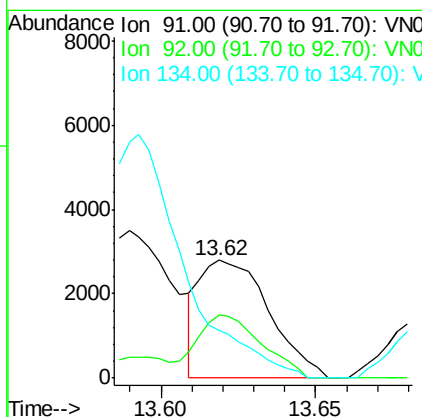
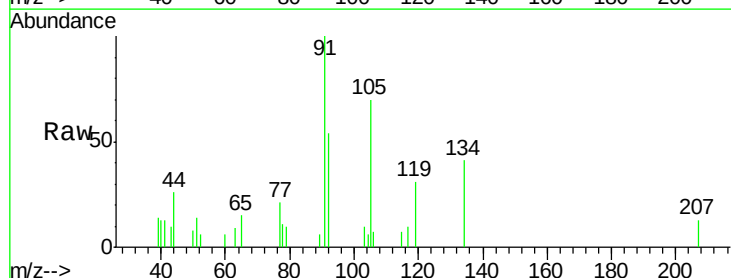
Instrument :
 MSVOA_N
 ClientSampled :
 EO-01-091919

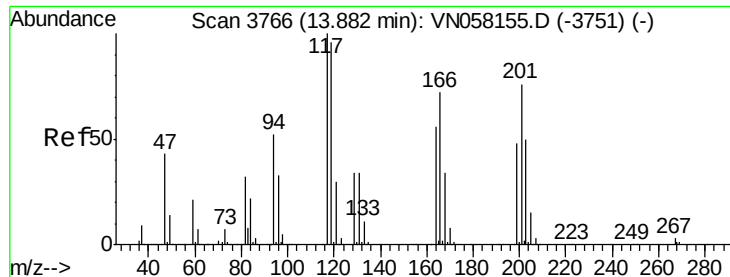
Tot Ion: 119 Resp: 4779
 Ion Ratio Lower Upper
 119 100
 134 20.1 12.7 38.0
 91 28.9 12.3 36.8



#89
 n-Butylbenzene
 Concen: 0.302 ug/l
 RT: 13.62 min Scan# 3684
 Delta R.T. -0.00 min
 Lab File: VN058303.D
 Acq: 23 Sep 2019 19:12

Tgt Ion: 91 Resp: 4379
 Ion Ratio Lower Upper
 91 100
 92 50.4 25.7 77.0
 134 0.0 11.8 35.4#





#90

Hexachloroethane

Concen: 3.752 ug/l

RT: 13.90 min Scan# 3771

Delta R.T. 0.02 min

Lab File: VN058303.D

Acq: 23 Sep 2019 19:12

Instrument :

MSVOA_N

ClientSampled :

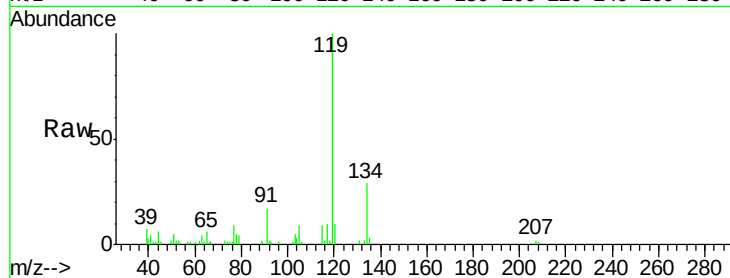
EO-01-091919

Tot Ion:117 Resp: 2643

Ion Ratio Lower Upper

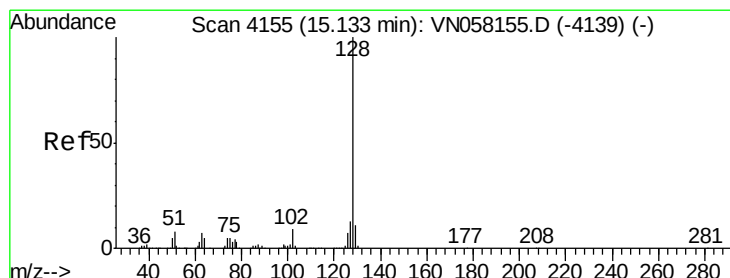
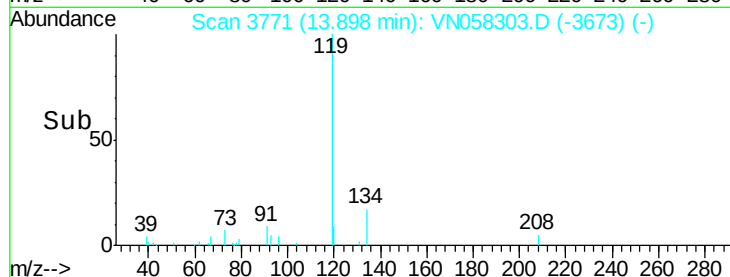
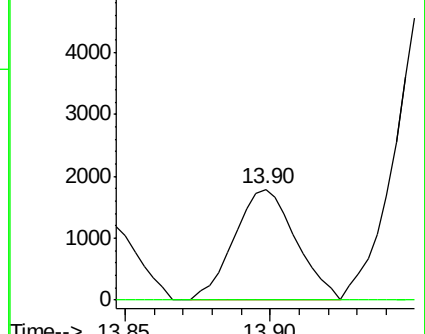
117 100

201 0.0 37.5 112.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 3.994 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN058303.D

Acq: 23 Sep 2019 19:12

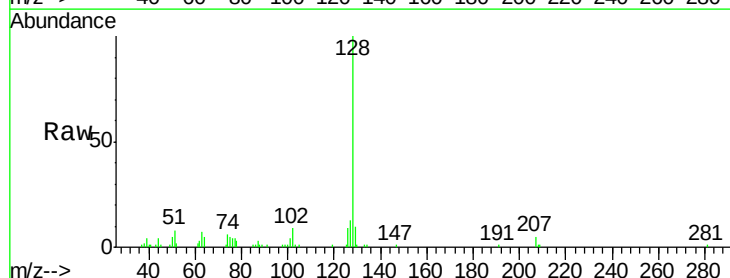
Tgt Ion:128 Resp: 53209

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.2

129 11.0 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

