

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092519\
 Data File : VN058367.D
 Acq On : 25 Sep 2019 15:11
 Operator : JC/SP
 Sample : K4663-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-02-092419

Quant Time: Sep 26 01:11:28 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	475620	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	789332	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	684270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	284486	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	355489	53.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.32%	
35) Dibromofluoromethane	7.58	113	247356	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
50) Toluene-d8	10.08	98	1010416	54.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.08%	
62) 4-Bromofluorobenzene	12.41	95	331250	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	

Target Compounds			Qvalue			
3) Chloromethane	2.04	50	758	Below Cal	#	42
5) Bromomethane	2.56	94	147	0.806	ug/l	95
6) Chloroethane	2.70	64	152	Below Cal	#	44
14) Allyl chloride	4.53	41	134576	21.389	ug/l #	22
16) Acetone	3.80	43	62917	27.980	ug/l	98
17) Carbon Disulfide	4.03	76	531	0.399	ug/l #	74
18) Methyl Acetate	4.33	43	3957	0.669	ug/l #	53
20) Methylene Chloride	4.53	84	3897376	994.162	ug/l	96
29) Tetrahydrofuran	7.20	42	511	0.271	ug/l #	39
31) Cyclohexane	7.64	56	12775	Below Cal	#	17
36) 1,1-Dichloropropene	7.65	75	41043	7.210	ug/l #	51
38) Carbon Tetrachloride	7.65	117	48751	8.520	ug/l #	15
41) Methacrylonitrile	7.19	41	236	0.989	ug/l #	100
43) Isopropyl Acetate	8.16	43	110073	9.977	ug/l #	85
45) 1,2-Dichloropropane	9.26	63	1708	0.329	ug/l #	45
48) Methyl methacrylate	9.18	41	5602	1.118	ug/l #	14
51) 4-Methyl-2-Pentanone	9.98	43	6992	1.193	ug/l	91
52) Toluene	10.15	92	2873	0.264	ug/l	99
54) cis-1,3-Dichloropropene	9.90	75	38264	5.116	ug/l #	68
56) Ethyl methacrylate	10.54	69	1790	0.257	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	6235	0.750	ug/l #	43
59) 2-Hexanone	10.76	43	95716	21.993	ug/l #	52
68) m/p-Xylenes	11.62	106	4769	0.614	ug/l	97
69) o-Xylene	11.95	106	2126	0.278	ug/l	86
71) Bromoform	12.38	173	36	3.605	ug/l #	29
74) N-amyl acetate	12.04	43	3678	0.494	ug/l #	47
76) 1,2,3-Trichloropropane	12.41	75	183182	35.979	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	6848	0.455	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.41	75	183182	100.483	ug/l #	5
84) 1,2,4-Trimethylbenzene	13.05	105	13672	0.912	ug/l	99
90) Hexachloroethane	13.89	117	159	2.877	ug/l #	12
95) Naphthalene	15.14	128	108556	7.989	ug/l	99

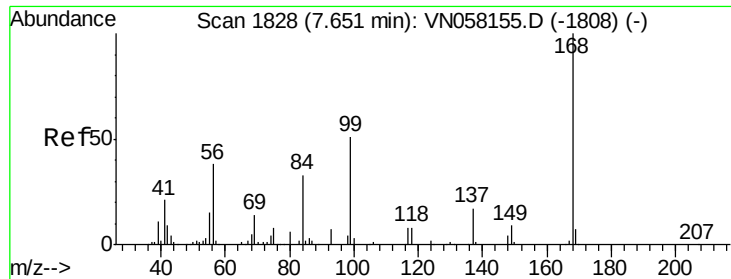
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092519\
Data File : VN058367.D
Acq On : 25 Sep 2019 15:11
Operator : JC/SP
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Quant Title : SW846 8260
QLast Update : Thu Sep 19 09:27:53 2019
Response via : Initial Calibration

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

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN058367.D

Acq: 25 Sep 2019 15:11

Instrument :

MSVOA_N

ClientSampleId :

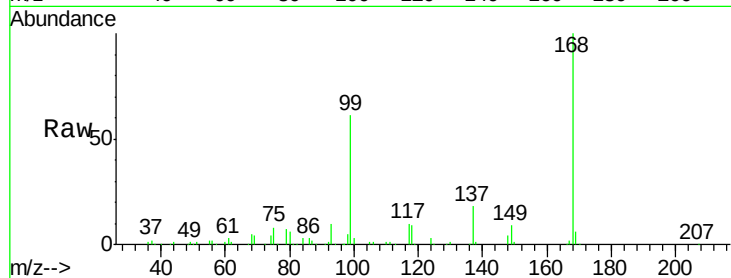
OK-02-092419

Tot Ion:168 Resp: 475620

Ion Ratio Lower Upper

168 100

99 61.1 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): VN058155.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN058155.D (-1808) (-)

7.65

200000

150000

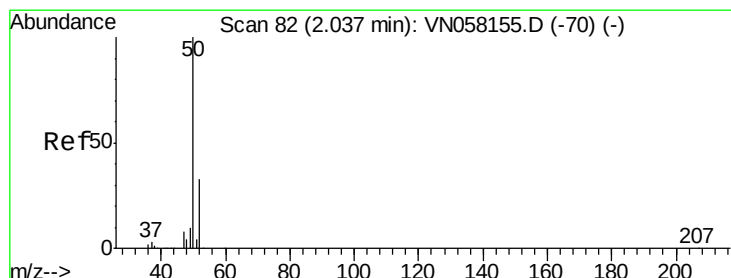
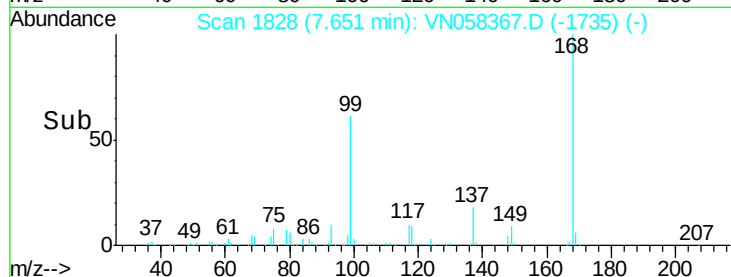
100000

50000

0

7.60 7.70

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.04 min Scan# 84

Delta R.T. 0.01 min

Lab File: VN058367.D

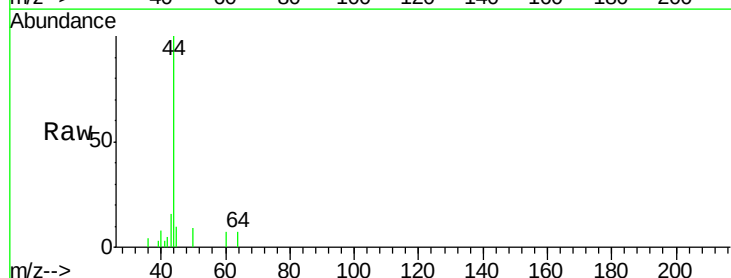
Acq: 25 Sep 2019 15:11

Tgt Ion: 50 Resp: 758

Ion Ratio Lower Upper

50 100

52 0.0 26.3 39.5#



Abundance Ion 49.90 (49.60 to 50.60): VN058155.D (-70) (-)

Ion 51.90 (51.60 to 52.60): VN058155.D (-70) (-)

2.04

600

500

400

300

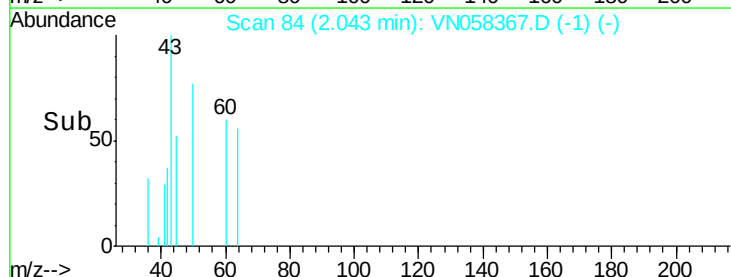
200

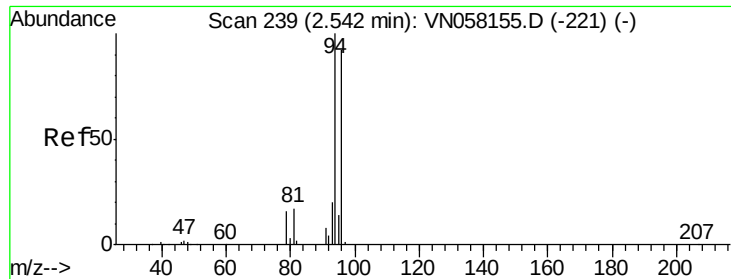
100

0

2.00 2.02 2.04 2.06

Time-->





#5

Bromomethane

Concen: 0.806 ug/l

RT: 2.56 min Scan# 246

Delta R.T. 0.02 min

Lab File: VN058367.D

Acq: 25 Sep 2019 15:11

Instrument :

MSVOA_N

ClientSampleId :

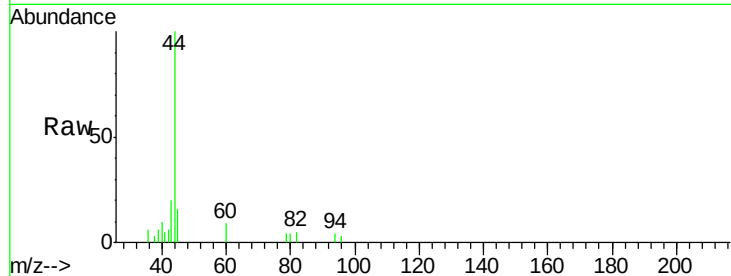
OK-02-092419

Tot Ion: 94 Resp: 147

Ion Ratio Lower Upper

94 100

96 86.7 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

250

200

150

100

50

0

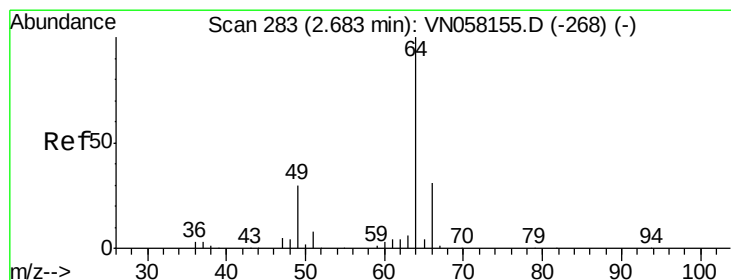
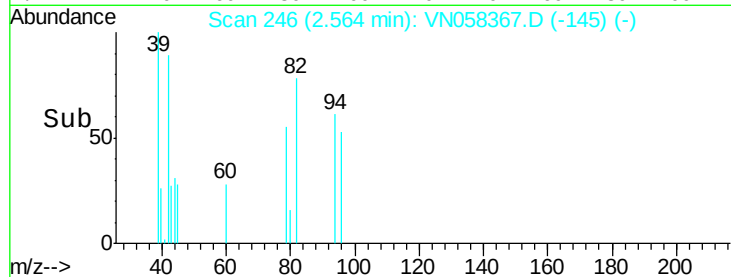
2.55

2.56

2.57

2.58

Time-->



#6

Chloroethane

Concen: Below Cal

RT: 2.70 min Scan# 288

Delta R.T. 0.02 min

Lab File: VN058367.D

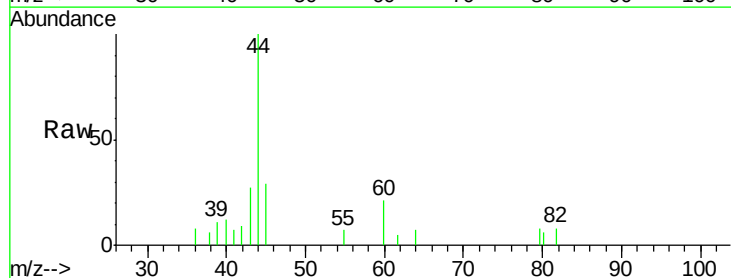
Acq: 25 Sep 2019 15:11

Tgt Ion: 64 Resp: 152

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

250

200

150

100

50

0

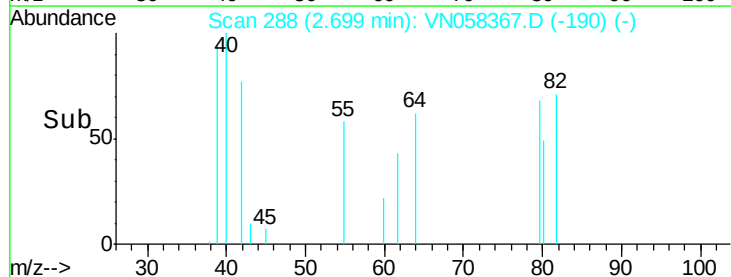
2.68

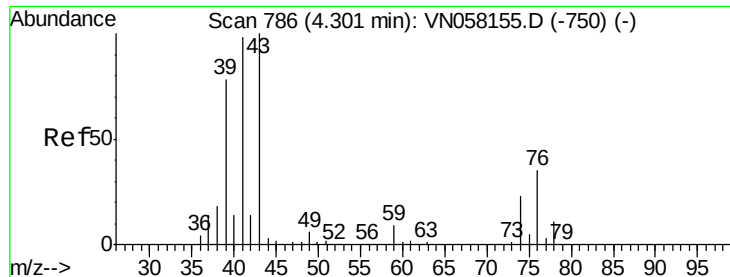
2.69

2.70

2.71

Time-->

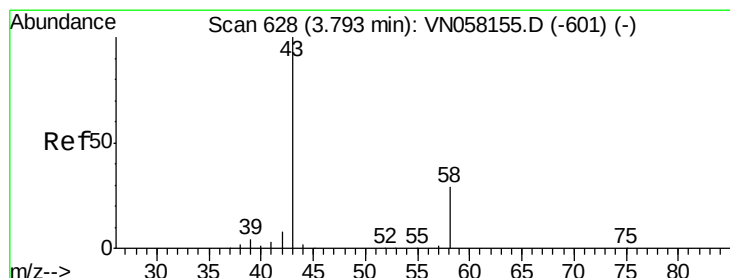
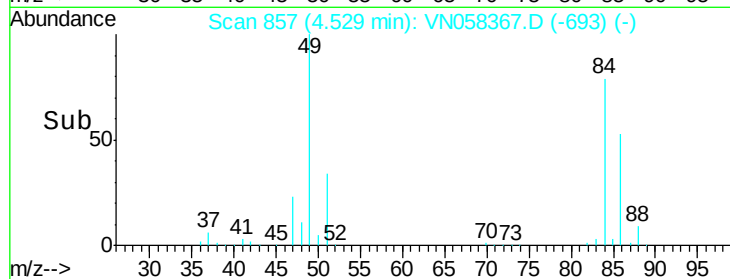
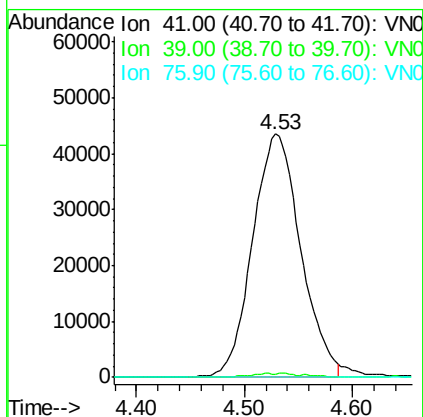
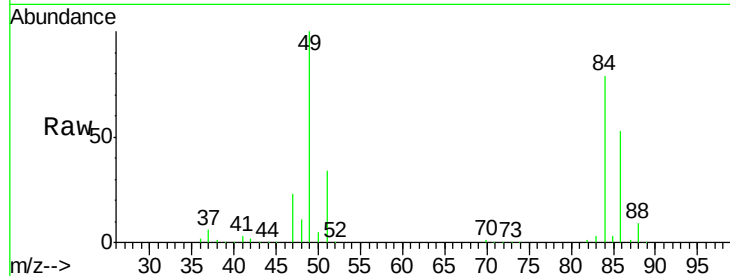




#14
Allvl chloride
Concen: 21.389 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.23 min
Lab File: VN058367.D
Acq: 25 Sep 2019 15:11

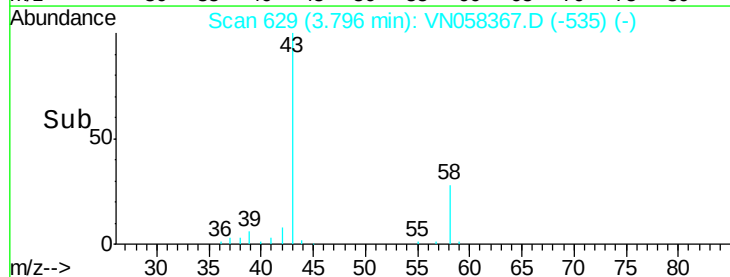
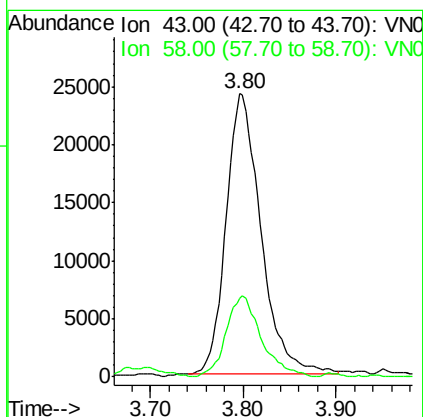
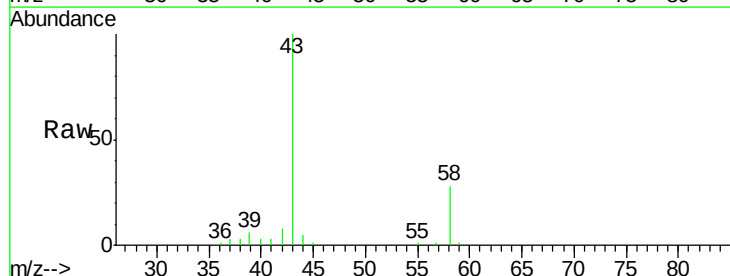
Instrument :
MSVOA_N
ClientSampled :
OK-02-092419

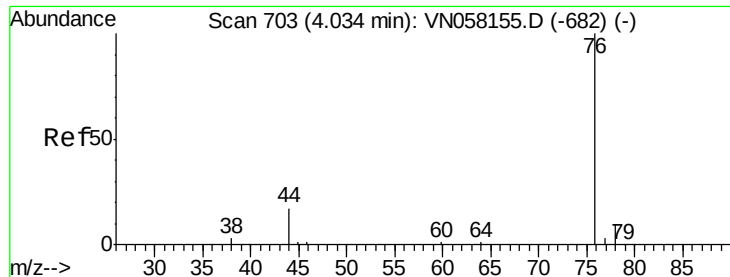
Tot Ion: 41 Resp: 134576
Ion Ratio Lower Upper
41 100
39 0.7 59.1 88.7#
76 0.0 25.1 37.7#



#16
Acetone
Concen: 27.980 ug/l
RT: 3.80 min Scan# 629
Delta R.T. 0.00 min
Lab File: VN058367.D
Acq: 25 Sep 2019 15:11

Tgt Ion: 43 Resp: 62917
Ion Ratio Lower Upper
43 100
58 28.0 23.4 35.2





#17

Carbon Disulfide

Concen: 0.399 ug/l

RT: 4.03 min Scan# 703

Delta R.T. 0.00 min

Lab File: VN058367.D

Acq: 25 Sep 2019 15:11

Instrument :

MSVOA_N

ClientSampleId :

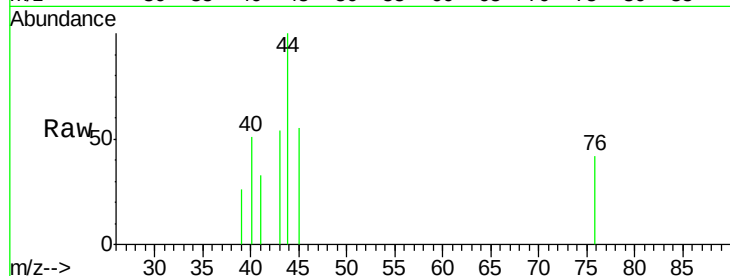
OK-02-092419

Tot Ion: 76 Resp: 531

Ion Ratio Lower Upper

76 100

78 0.0 7.7 11.5#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.03

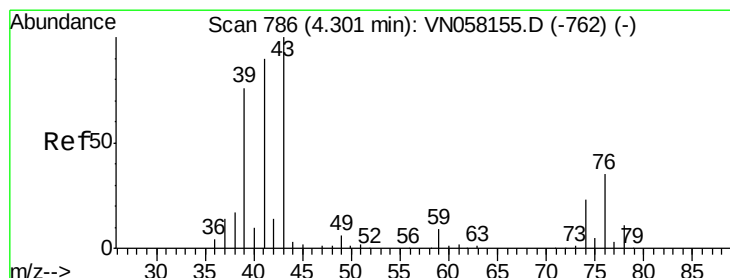
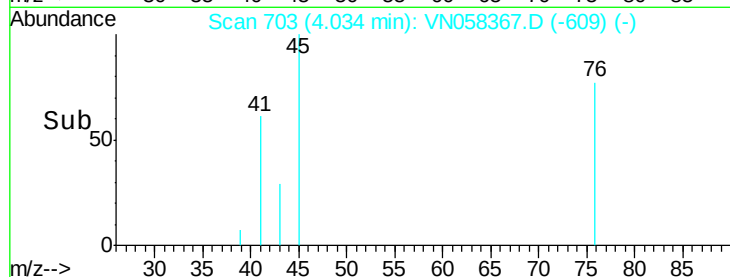
300

200

100

0

Time-->



#18

Methyl Acetate

Concen: 0.669 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.03 min

Lab File: VN058367.D

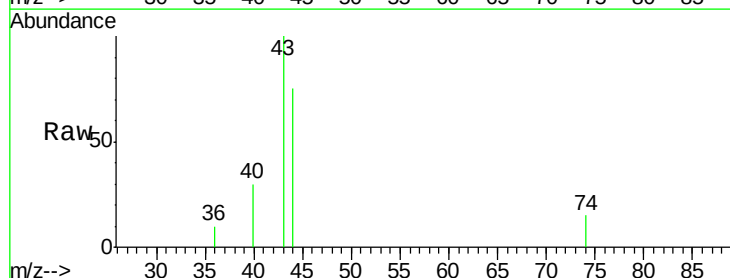
Acq: 25 Sep 2019 15:11

Tgt Ion: 43 Resp: 3957

Ion Ratio Lower Upper

43 100

74 0.0 18.0 27.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.33

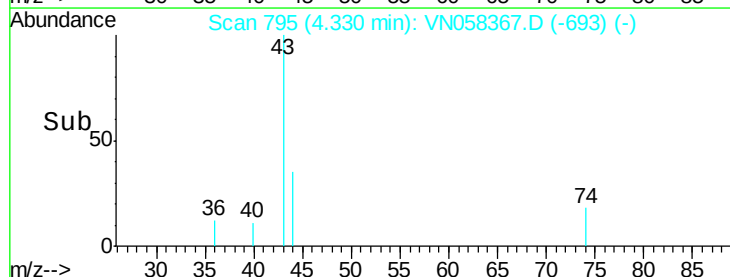
1500

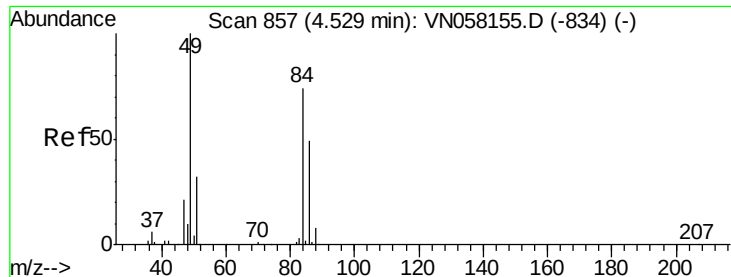
1000

500

0

Time-->



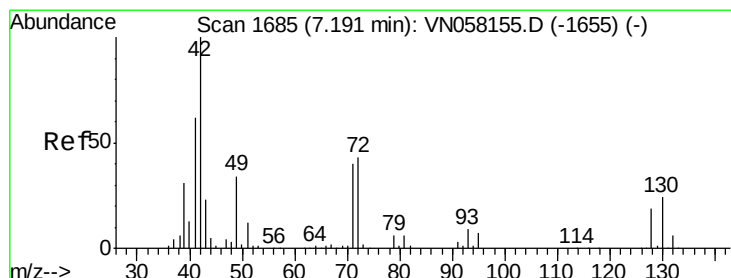
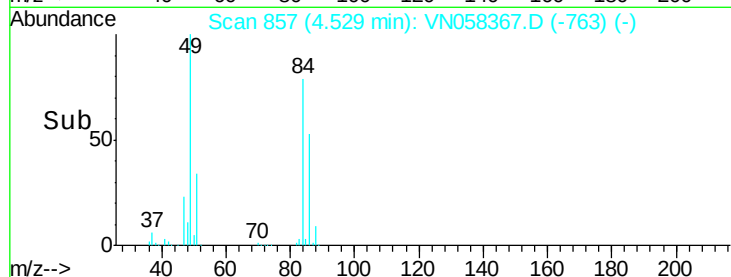
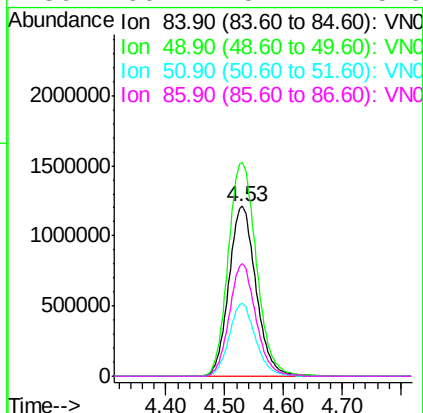
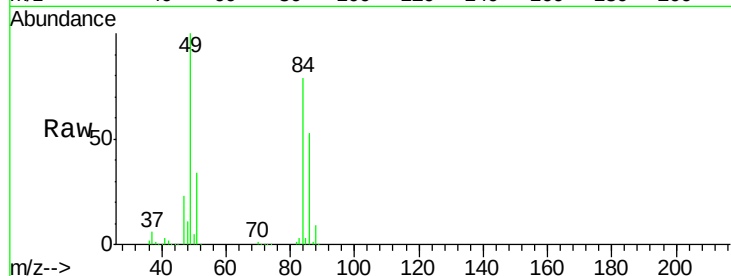


#20
Methvlene Chloride
Concen: 994.162 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058367.D
Acq: 25 Sep 2019 15:11

Instrument :
MSVOA_N
ClientSampleId :
OK-02-092419

Tot Ion: 84 Resp: 3897376

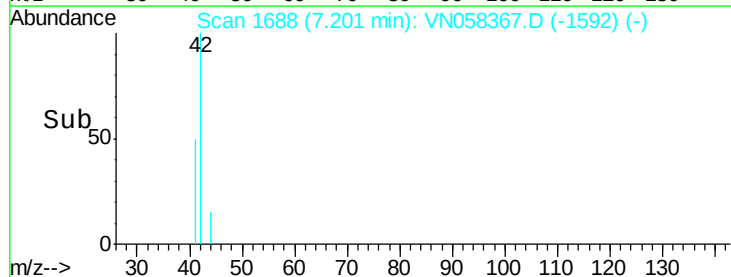
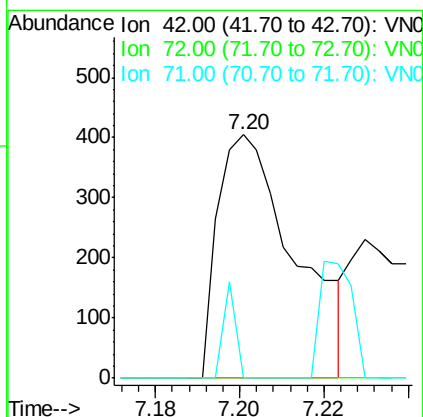
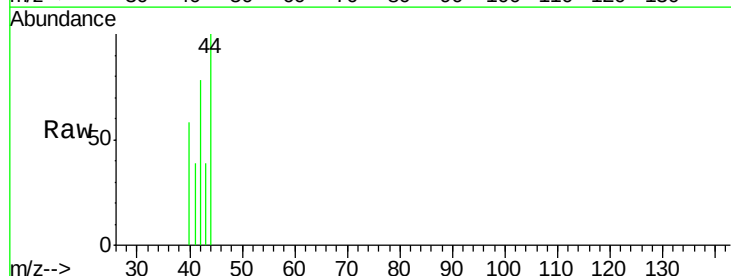
Ion	Ratio	Lower	Upper
84	100		
49	125.9	107.5	161.3
51	43.0	33.9	50.9
86	66.2	52.4	78.6

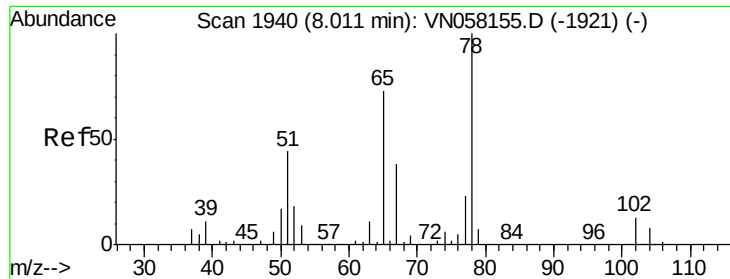


#29
Tetrahydrofuran
Concen: 0.271 ug/l
RT: 7.20 min Scan# 1688
Delta R.T. 0.01 min
Lab File: VN058367.D
Acq: 25 Sep 2019 15:11

Tgt Ion: 42 Resp: 511

Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.8	50.6#
71	6.1	31.4	47.0#

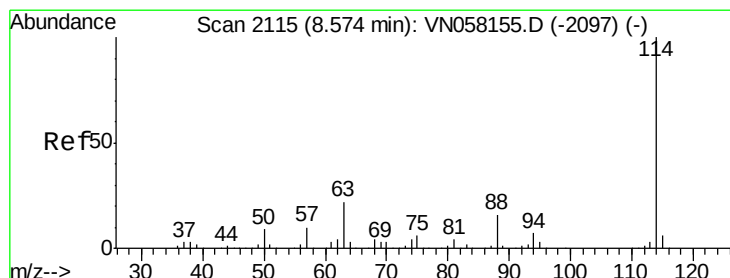
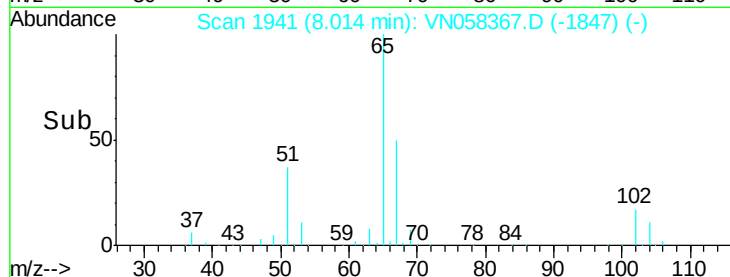
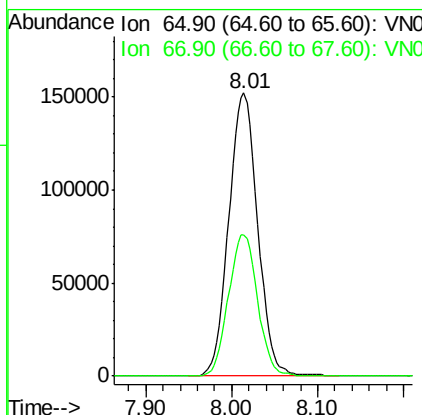
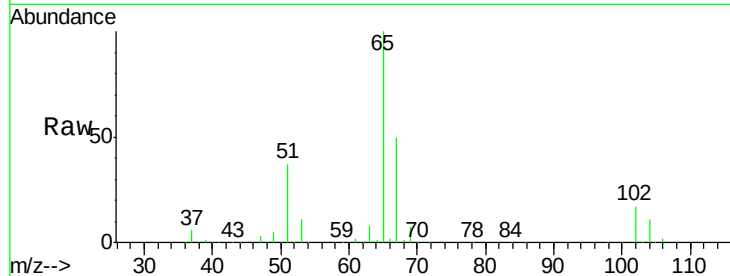




#33
 1,2-Dichloroethane-d4
 Concen: 53.663 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN058367.D
 Acq: 25 Sep 2019 15:11

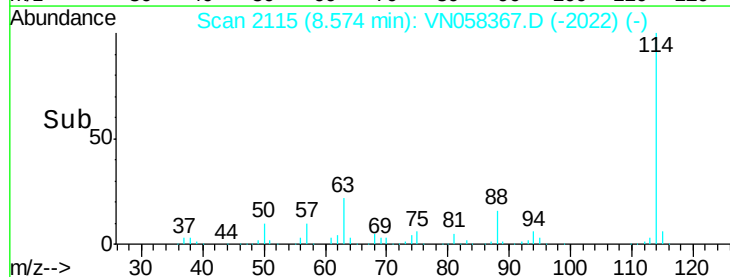
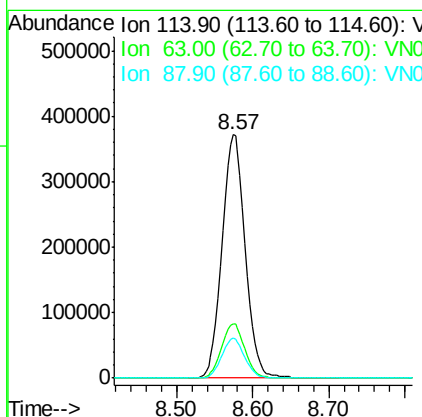
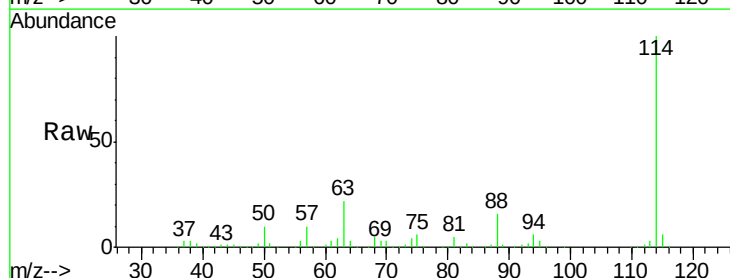
Instrument :
 MSVOA_N
 ClientSampleId :
 OK-02-092419

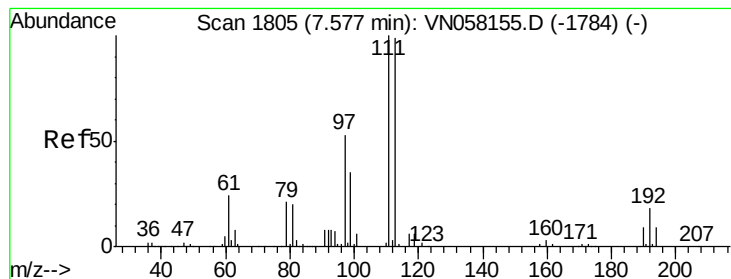
Tot Ion: 65 Resp: 355489
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058367.D
 Acq: 25 Sep 2019 15:11

Tgt Ion: 114 Resp: 789332
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 44.2
 88 16.3 0.0 31.6





#35

Dibromofluoromethane

Concen: 51.549 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. -0.00 min

Lab File: VN058367.D

Acq: 25 Sep 2019 15:11

Instrument :

MSVOA_N

ClientSampleId :

OK-02-092419

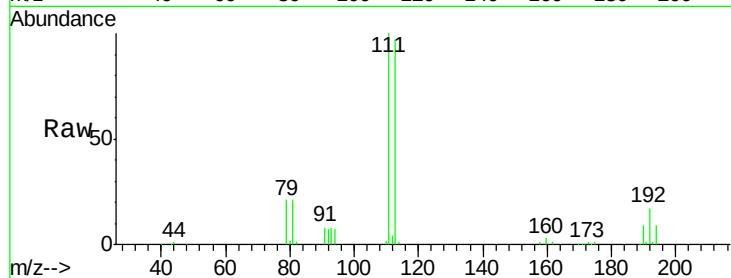
Tot Ion:113 Resp: 247356

Ion Ratio Lower Upper

113 100

111 104.1 81.8 122.6

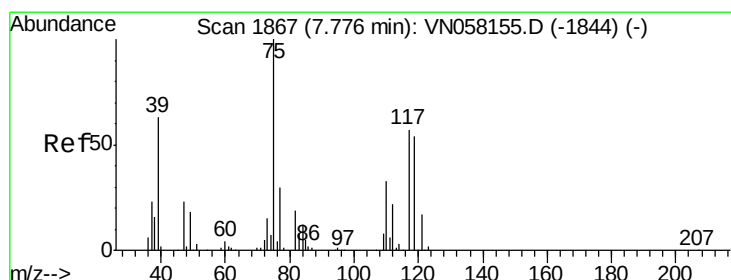
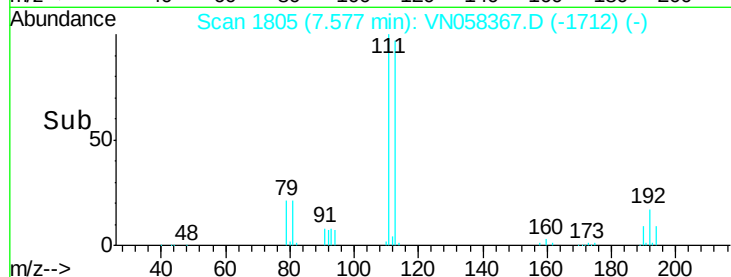
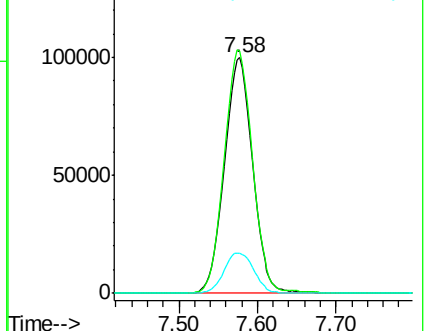
192 18.1 14.5 21.7



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: 7.210 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.13 min

Lab File: VN058367.D

Acq: 25 Sep 2019 15:11

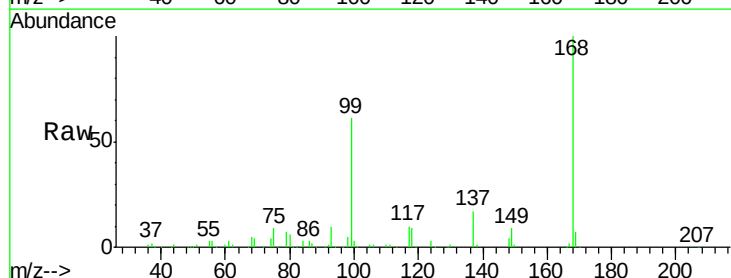
Tgt Ion: 75 Resp: 41043

Ion Ratio Lower Upper

75 100

110 8.4 16.6 49.7#

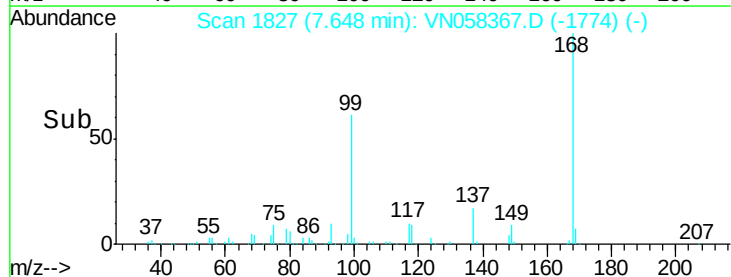
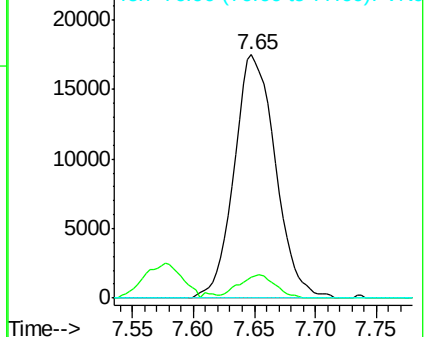
77 0.0 24.3 36.5#

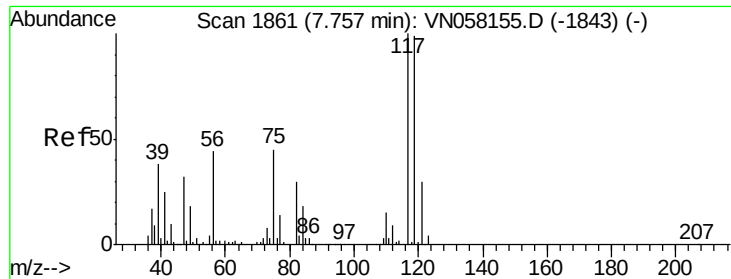


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 8.520 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.11 min

Lab File: VN058367.D

Acq: 25 Sep 2019 15:11

Instrument :

MSVOA_N

ClientSampled :

OK-02-092419

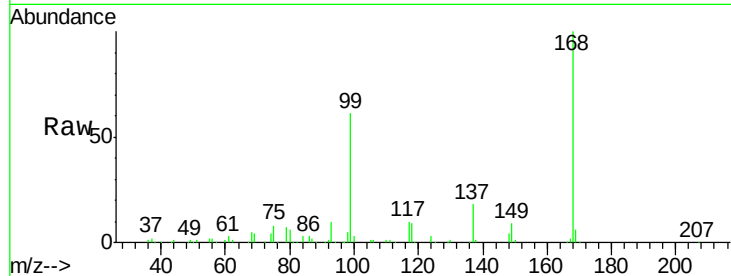
Tot Ion:117 Resp: 48751

Ion Ratio Lower Upper

117 100

119 4.6 78.6 117.8#

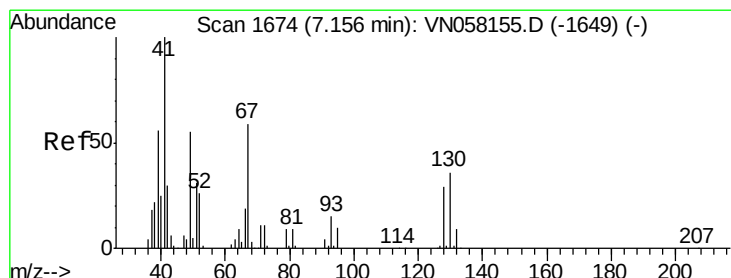
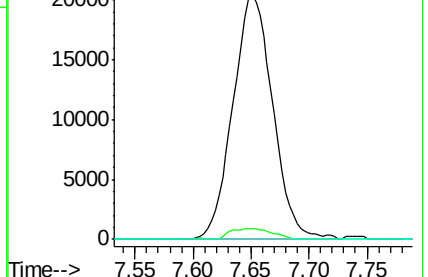
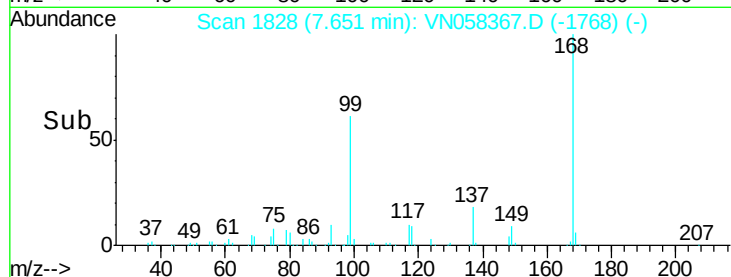
121 0.0 24.1 36.1#



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: 0.989 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.04 min

Lab File: VN058367.D

Acq: 25 Sep 2019 15:11

Tgt Ion: 41 Resp: 236

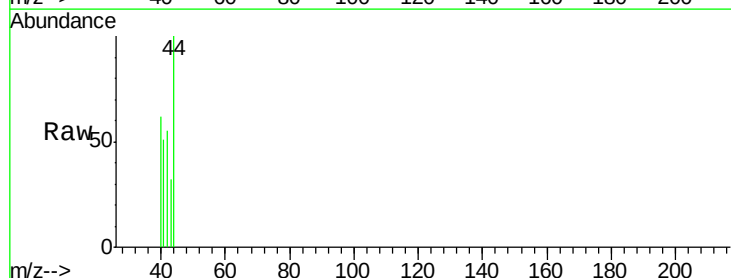
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

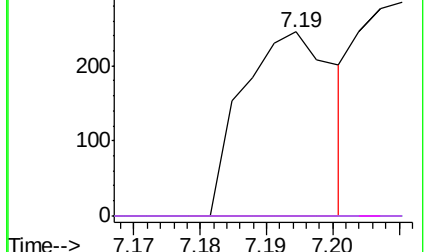
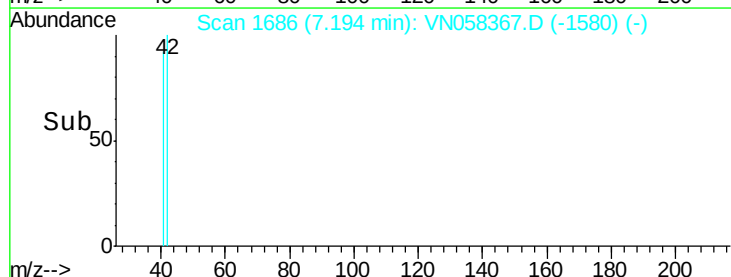


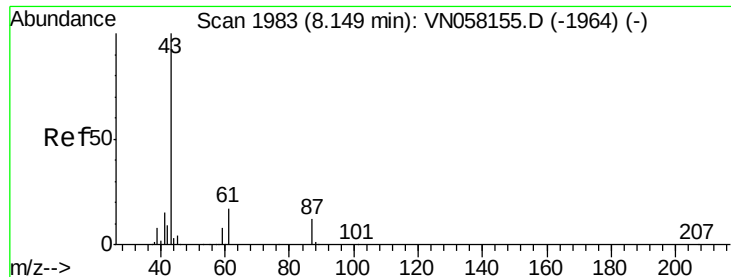
Abundance Ion 41.00 (40.70 to 41.70): V

Ion 39.00 (38.70 to 39.70): V

Ion 67.00 (66.70 to 67.70): V

Ion 52.00 (51.70 to 52.70): V





#43

Isopropyl Acetate

Concen: 9.977 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.01 min

Lab File: VN058367.D

Acq: 25 Sep 2019 15:11

Instrument :

MSVOA_N

ClientSampled :

OK-02-092419

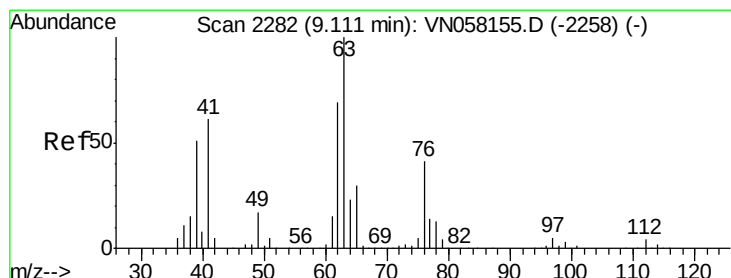
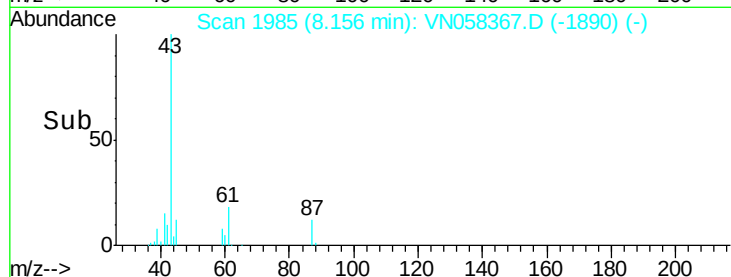
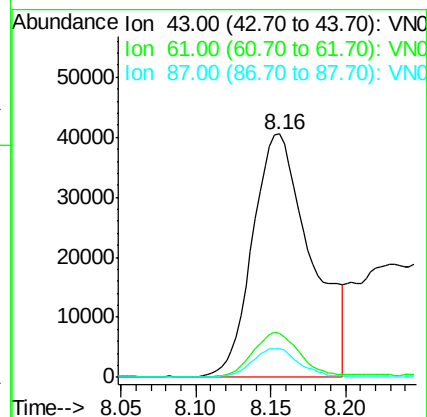
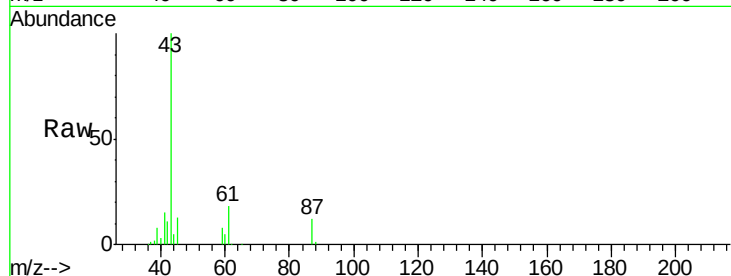
Tot Ion: 43 Resp: 110073

Ion Ratio Lower Upper

43 100

61 15.0 19.7 29.5#

87 9.5 9.4 14.2



#45

1,2-Dichloropropane

Concen: 0.329 ug/l

RT: 9.26 min Scan# 2328

Delta R.T. 0.15 min

Lab File: VN058367.D

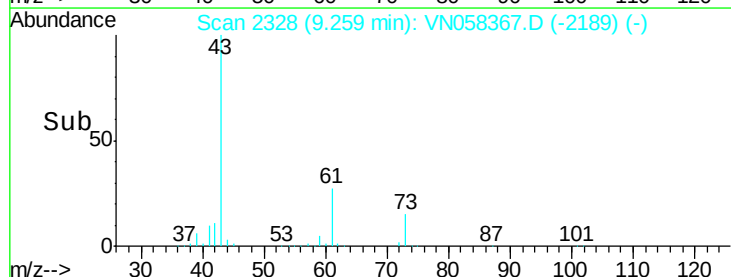
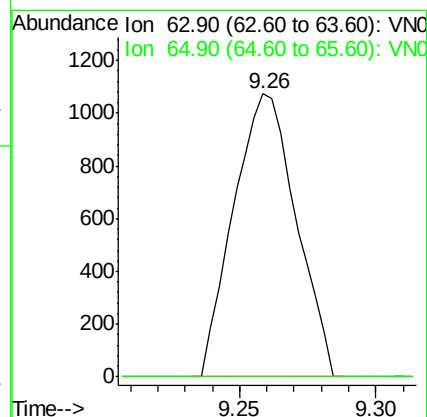
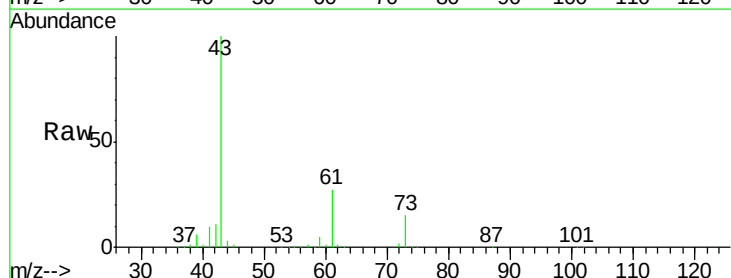
Acq: 25 Sep 2019 15:11

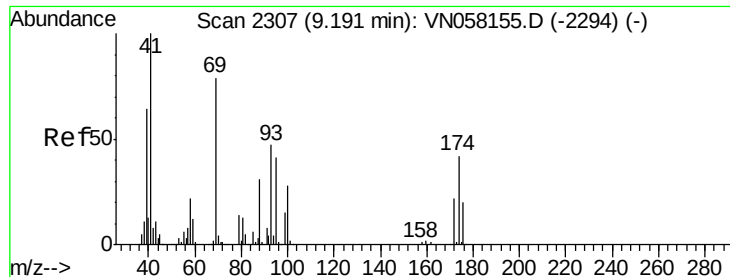
Tgt Ion: 63 Resp: 1708

Ion Ratio Lower Upper

63 100

65 0.0 23.8 35.6#

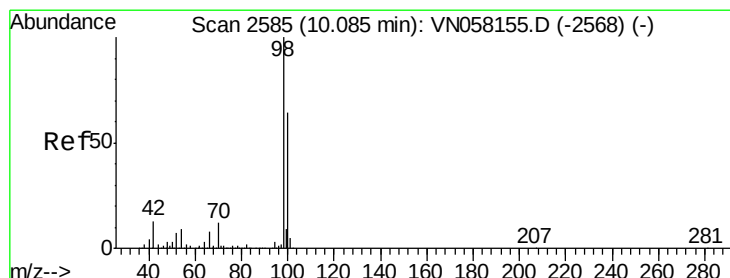
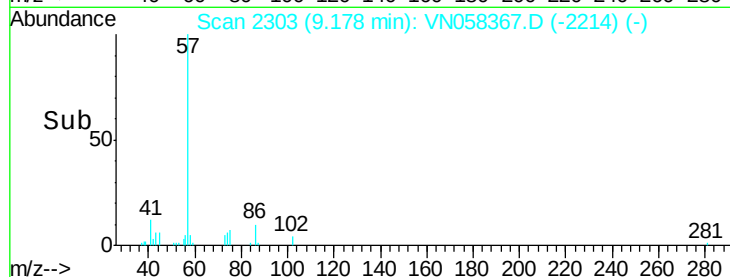
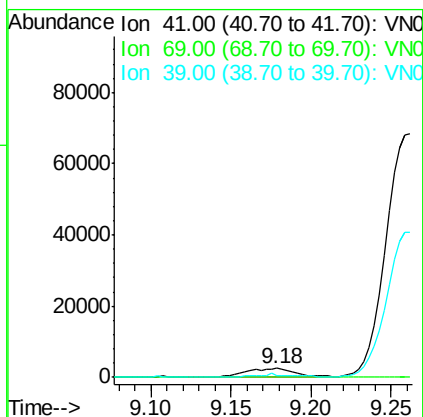
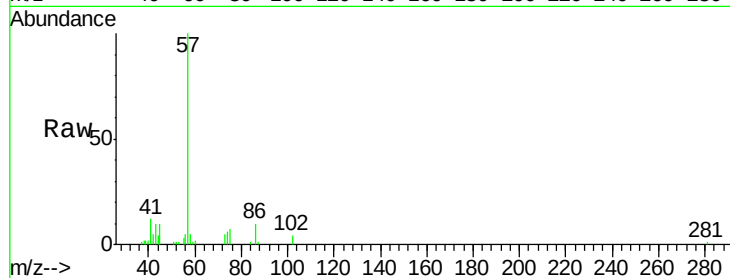




#48
Methvl methacrylate
Concen: 1.118 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.01 min
Lab File: VN058367.D
Acq: 25 Sep 2019 15:11

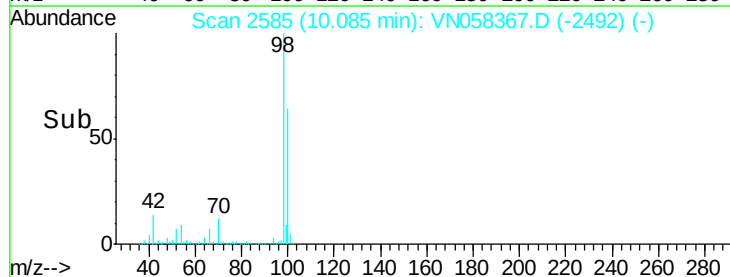
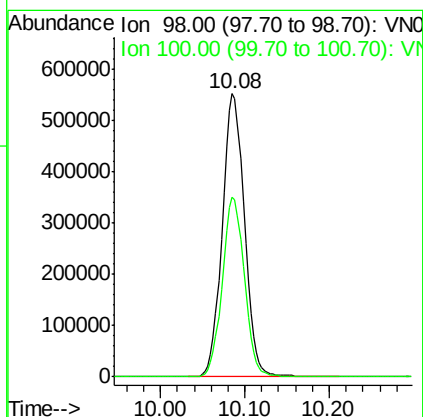
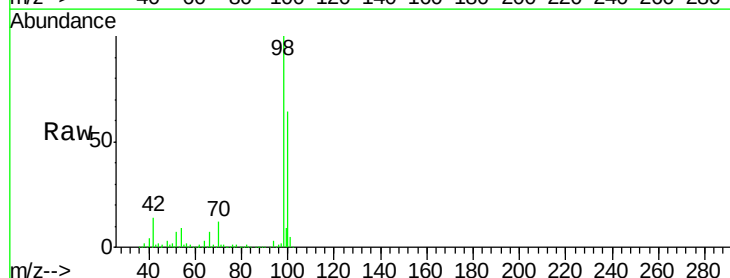
Instrument :
MSVOA_N
ClientSampleId :
OK-02-092419

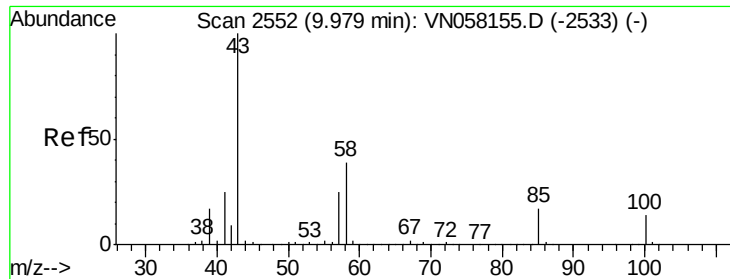
Tot Ion: 41 Resp: 5602
Ion Ratio Lower Upper
41 100
69 0.0 62.5 93.7#
39 0.0 52.3 78.5#



#50
Toluene-d8
Concen: 54.045 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058367.D
Acq: 25 Sep 2019 15:11

Tgt Ion: 98 Resp: 1010416
Ion Ratio Lower Upper
98 100
100 63.3 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 1.193 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. -0.00 min

Lab File: VN058367.D

Acq: 25 Sep 2019 15:11

Instrument :

MSVOA_N

ClientSampled :

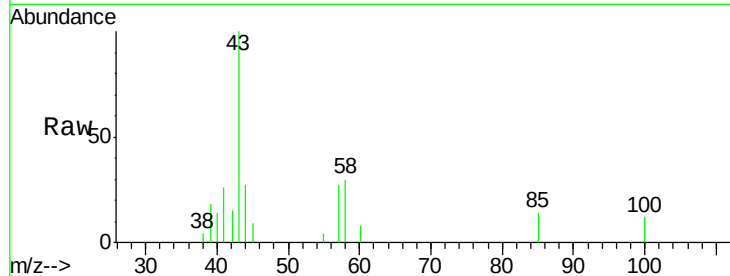
OK-02-092419

Tot Ion: 43 Resp: 6992

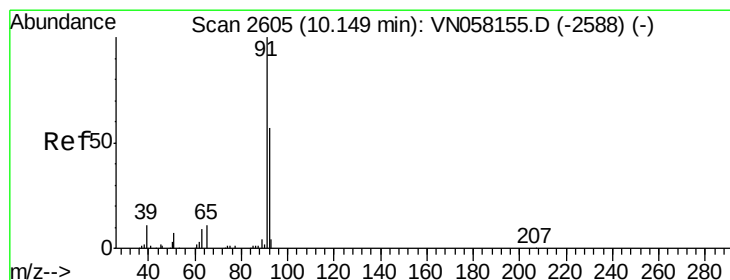
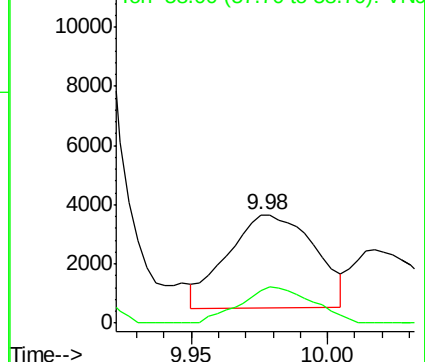
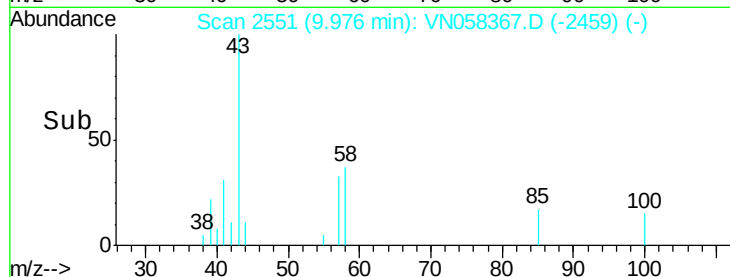
Ion Ratio Lower Upper

43 100

58 32.1 30.2 45.4



Abundance Ion 43.00 (42.70 to 43.70): VN058367.D (-2459) (-)



#52

Toluene

Concen: 0.264 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. -0.00 min

Lab File: VN058367.D

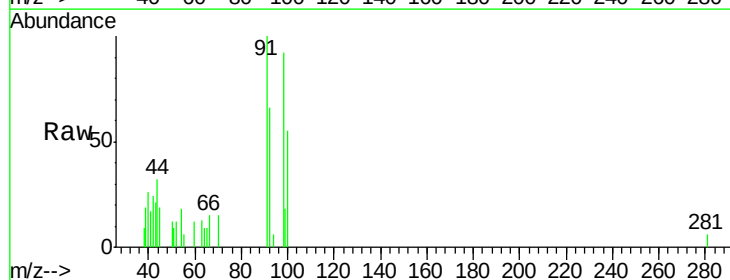
Acq: 25 Sep 2019 15:11

Tgt Ion: 92 Resp: 2873

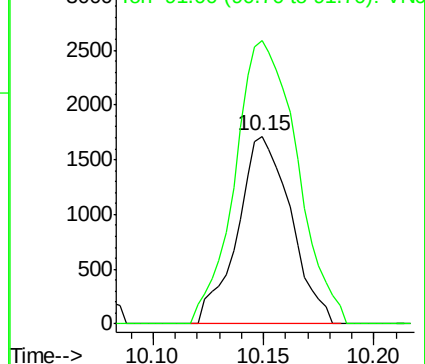
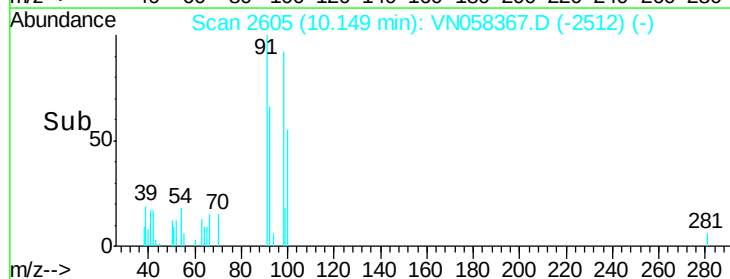
Ion Ratio Lower Upper

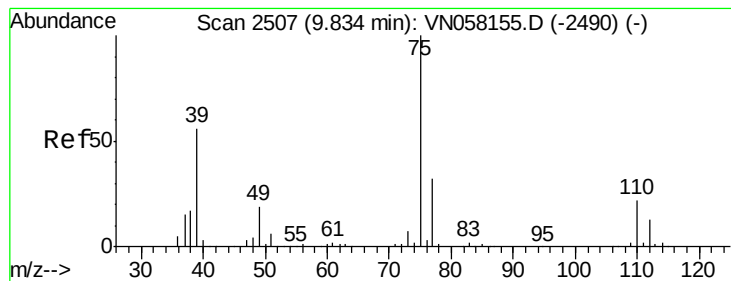
92 100

91 176.0 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VN058367.D (-2512) (-)





#54

cis-1,3-Dichloropropene

Concen: 5.116 ug/l

RT: 9.90 min Scan# 2528

Delta R.T. 0.07 min

Lab File: VN058367.D

Acq: 25 Sep 2019 15:11

Instrument :

MSVOA_N

ClientSampled :

OK-02-092419

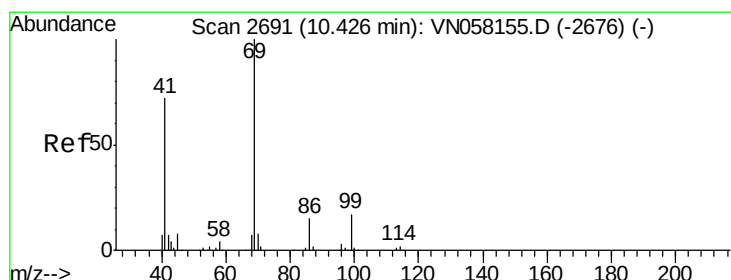
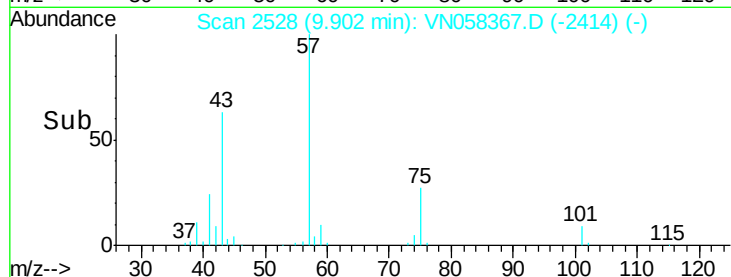
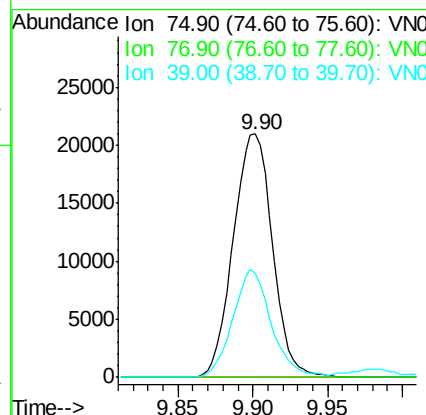
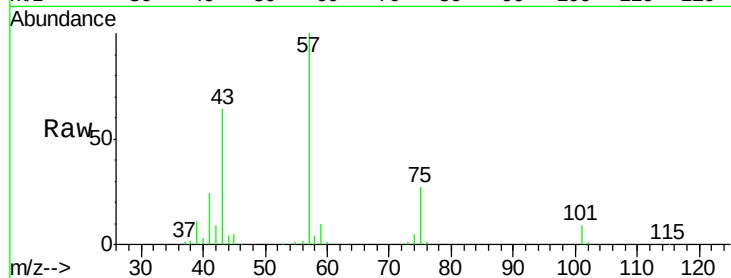
Tot Ion: 75 Resp: 38264

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#

39 42.7 45.0 67.6#



#56

Ethyl methacrylate

Concen: 0.257 ug/l

RT: 10.54 min Scan# 2728

Delta R.T. 0.12 min

Lab File: VN058367.D

Acq: 25 Sep 2019 15:11

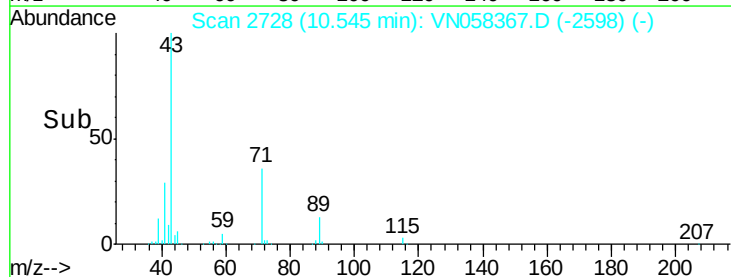
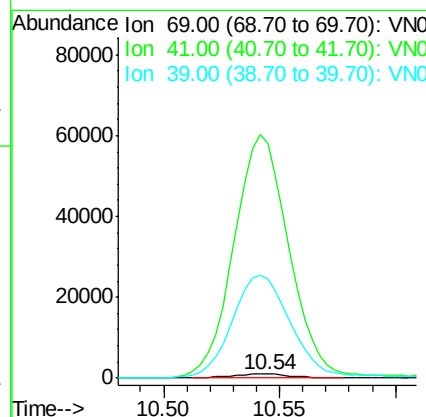
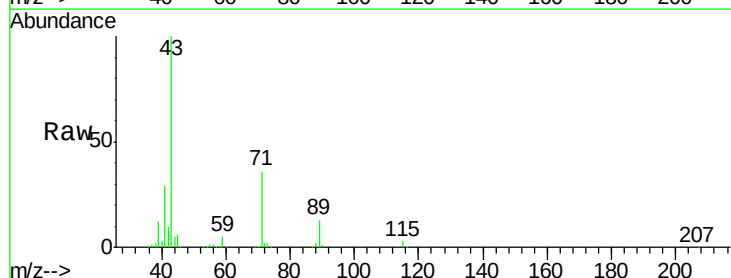
Tgt Ion: 69 Resp: 1790

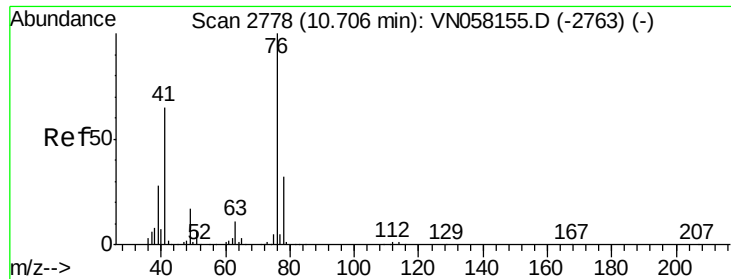
Ion Ratio Lower Upper

69 100

41 5522.6 57.5 86.3#

39 2520.2 36.1 54.1#





#57

1,3-Dichloropropane

Concen: 0.750 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN058367.D

Acq: 25 Sep 2019 15:11

Instrument :

MSVOA_N

ClientSampled :

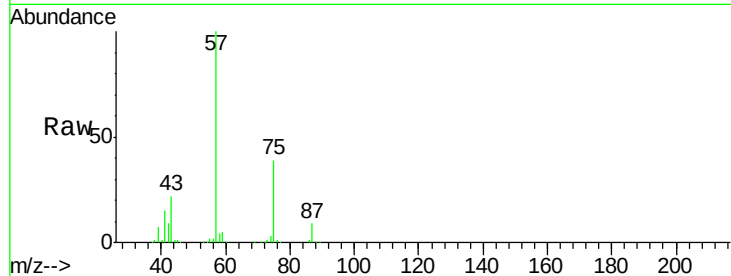
OK-02-092419

Tot Ion: 76 Resp: 6235

Ion Ratio Lower Upper

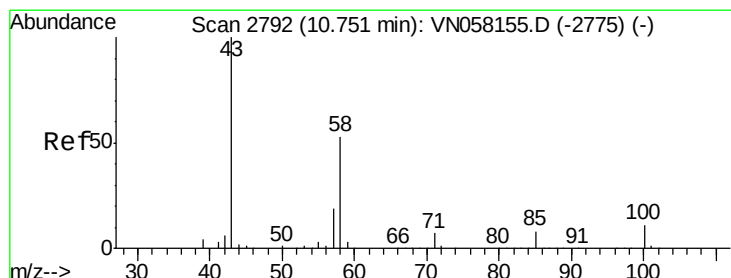
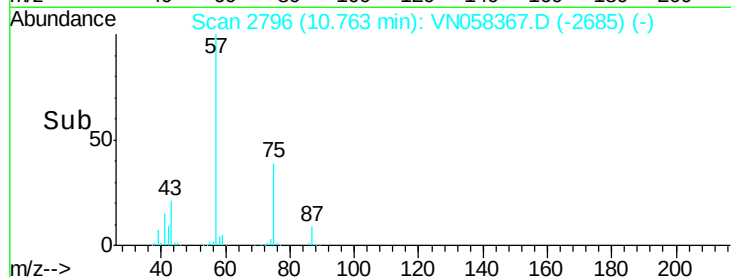
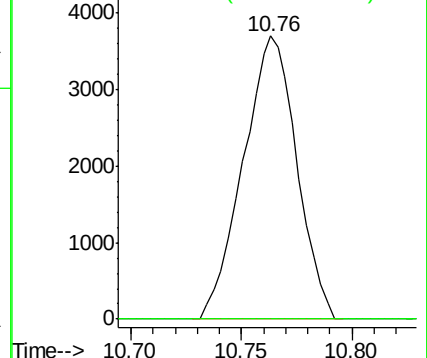
76 100

78 0.0 25.4 38.0#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#59

2-Hexanone

Concen: 21.993 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN058367.D

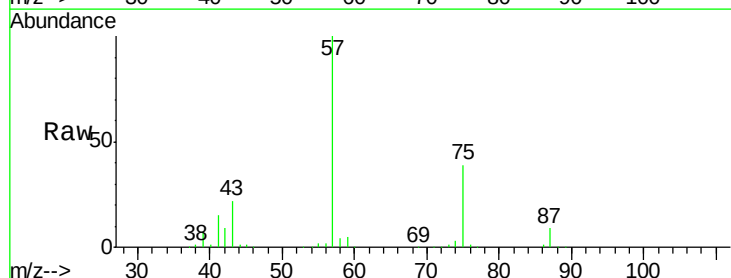
Acq: 25 Sep 2019 15:11

Tgt Ion: 43 Resp: 95716

Ion Ratio Lower Upper

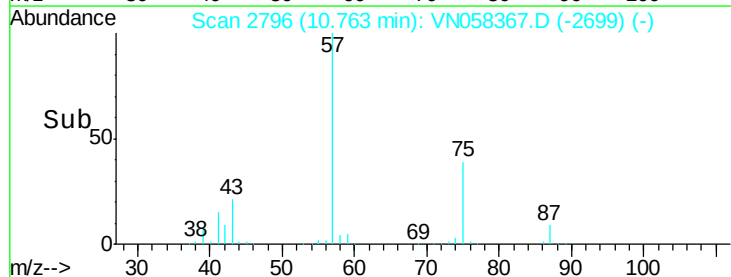
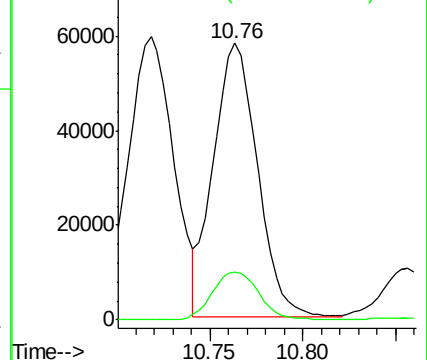
43 100

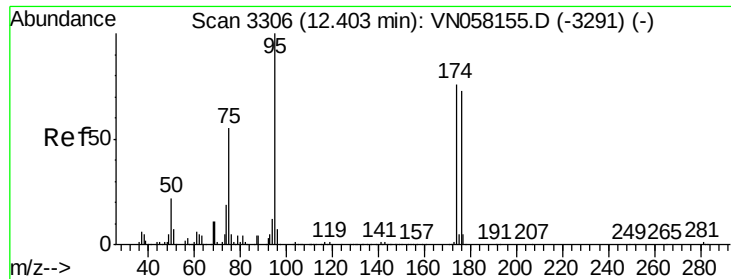
58 18.6 26.0 78.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 47.697 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058367.D

Acq: 25 Sep 2019 15:11

Instrument :

MSVOA_N

ClientSampled :

OK-02-092419

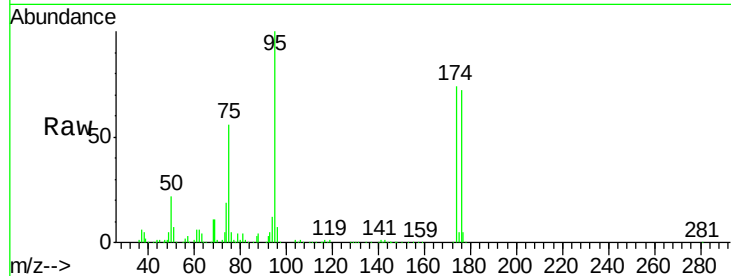
Tot Ion: 95 Resp: 331250

Ion Ratio Lower Upper

95 100

174 74.3 0.0 152.2

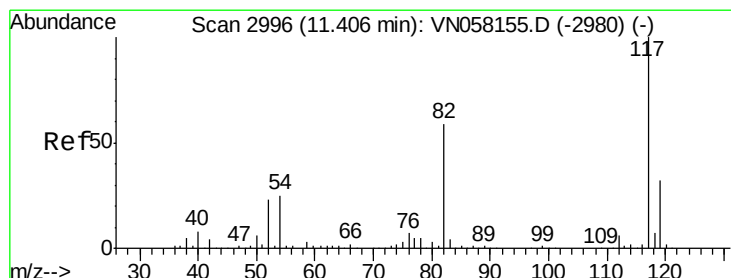
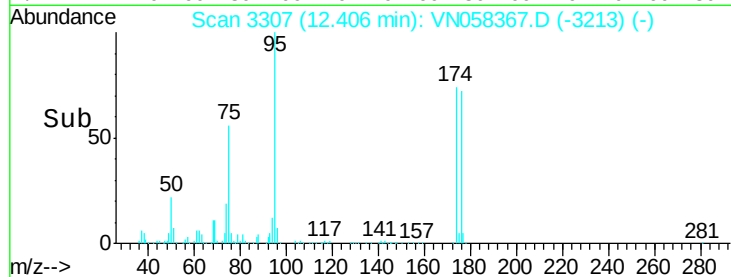
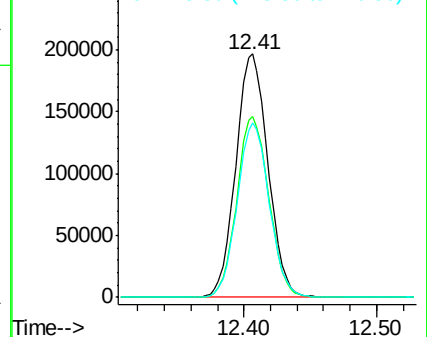
176 71.5 0.0 148.0



Abundance Ion 94.90 (94.60 to 95.60): VN058155.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN058155.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN058155.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058367.D

Acq: 25 Sep 2019 15:11

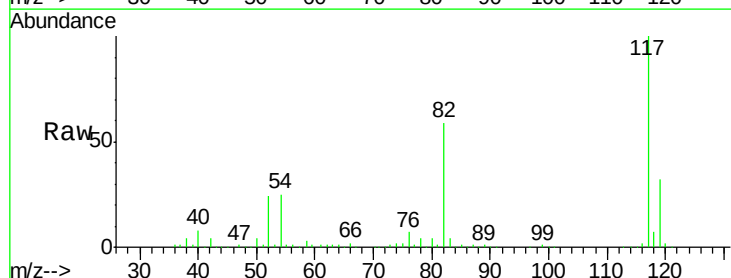
Tgt Ion: 117 Resp: 684270

Ion Ratio Lower Upper

117 100

82 58.6 46.9 70.3

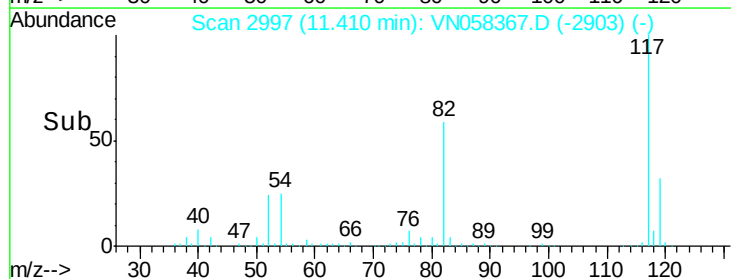
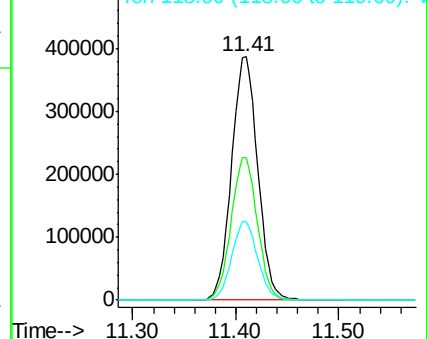
119 32.1 25.3 37.9

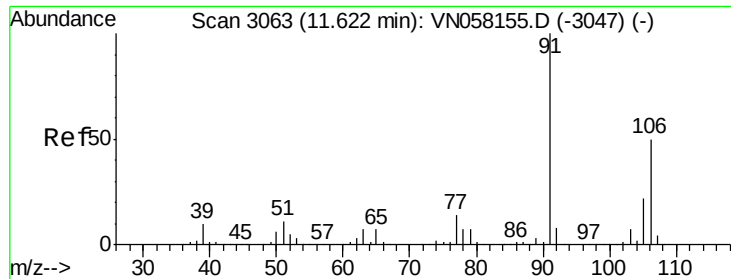


Abundance Ion 116.90 (116.60 to 117.60): VN058155.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN058155.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN058155.D (-2980) (-)

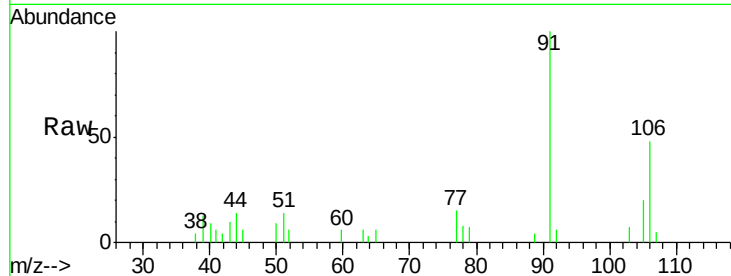




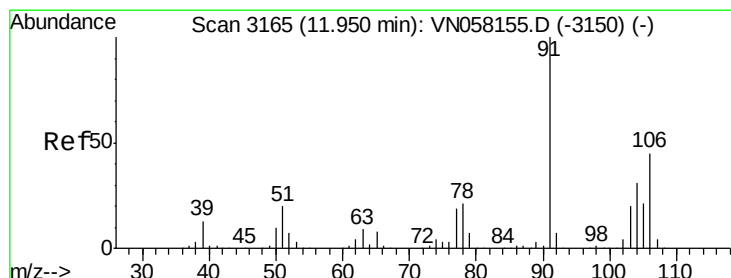
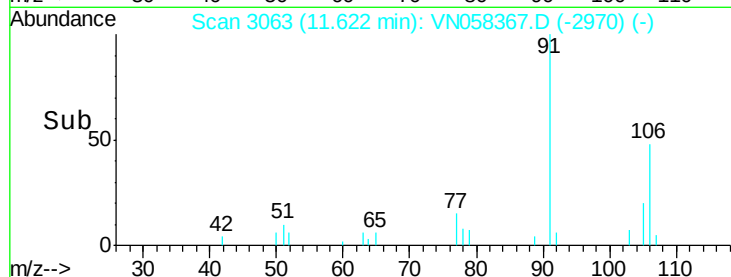
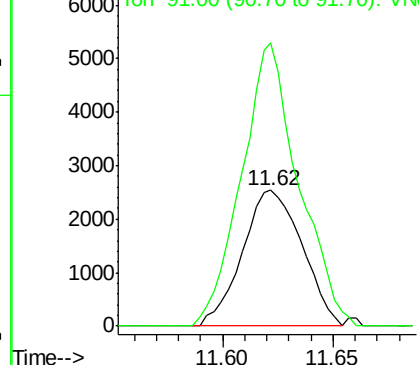
#68
m/p-Xylenes
Concen: 0.614 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN058367.D
Acq: 25 Sep 2019 15:11

Instrument :
MSVOA_N
ClientSampled :
OK-02-092419

Tot Ion:106 Resp: 4769
Ion Ratio Lower Upper
106 100
91 199.3 163.6 245.4

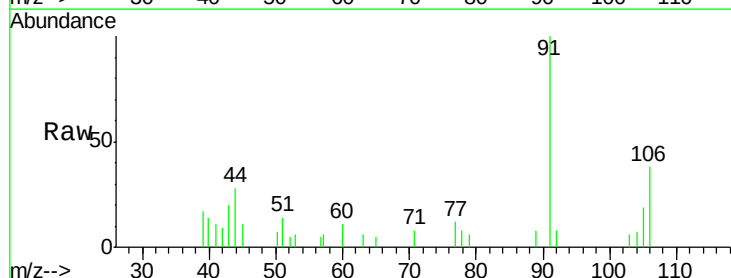


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

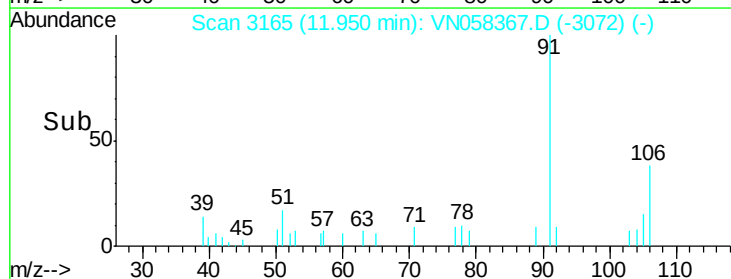
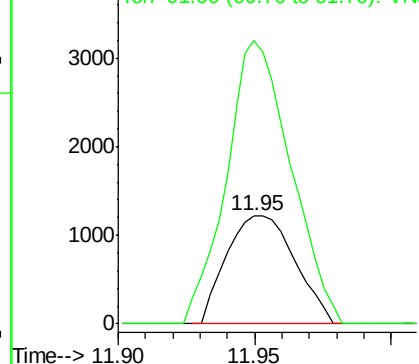


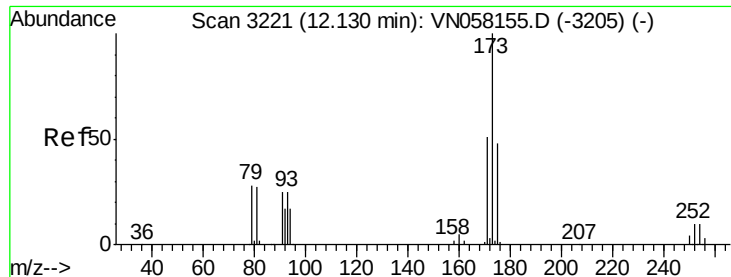
#69
o-Xylene
Concen: 0.278 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.00 min
Lab File: VN058367.D
Acq: 25 Sep 2019 15:11

Tgt Ion:106 Resp: 2126
Ion Ratio Lower Upper
106 100
91 246.2 111.8 335.3



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0





#71

Bromoform

Concen: 3.605 ug/l

RT: 12.38 min Scan# 3300

Delta R.T. 0.25 min

Lab File: VN058367.D

Acq: 25 Sep 2019 15:11

Instrument :

MSVOA_N

ClientSampleId :

OK-02-092419

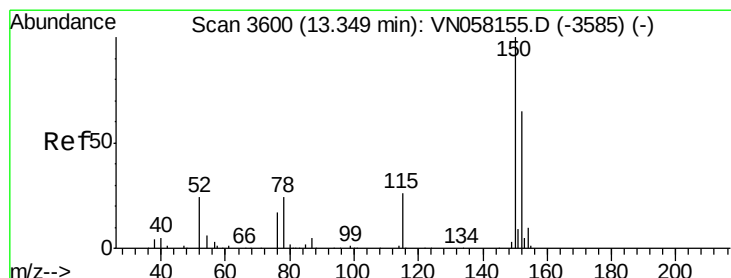
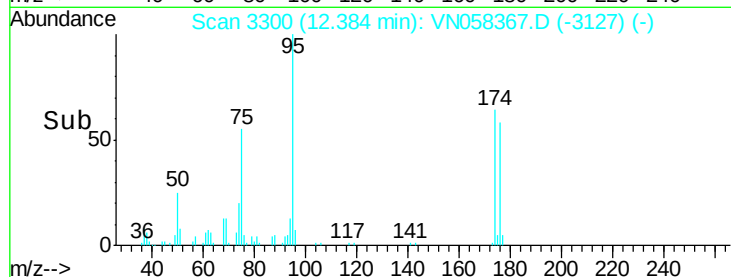
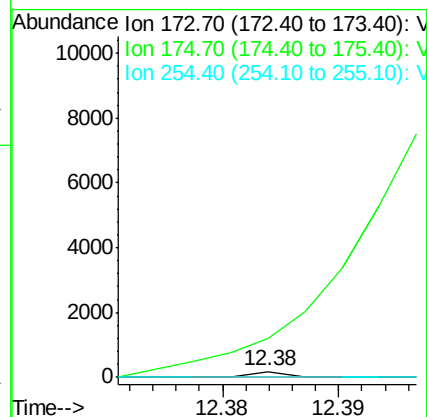
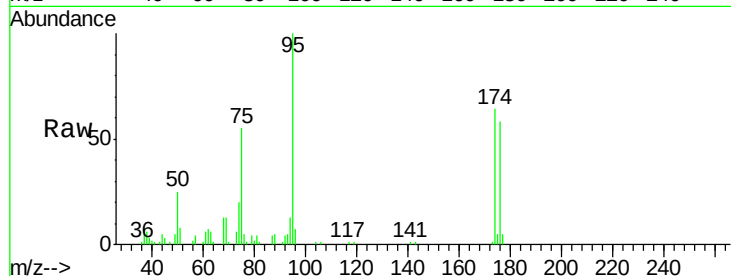
Tot Ion:173 Resp: 36

Ion Ratio Lower Upper

173 100

175 0.0 24.2 72.6#

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058367.D

Acq: 25 Sep 2019 15:11

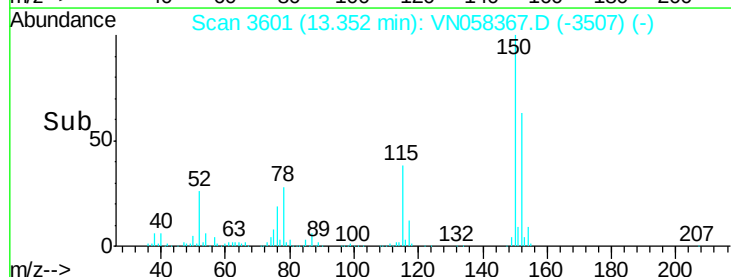
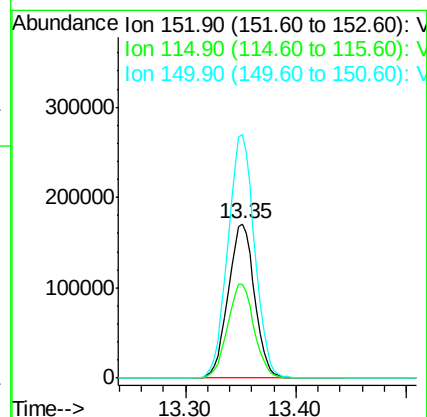
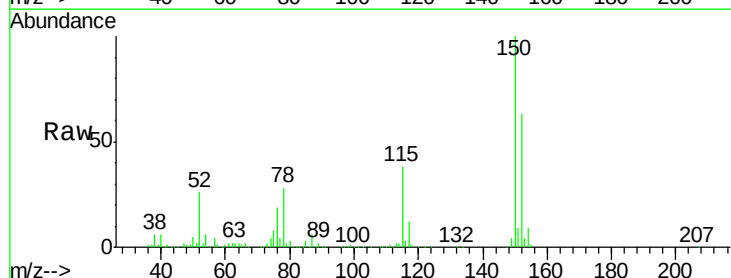
Tgt Ion:152 Resp: 284486

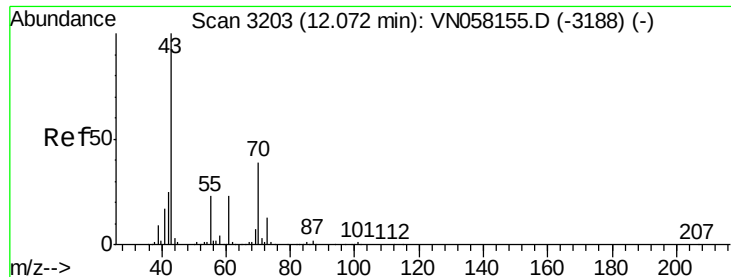
Ion Ratio Lower Upper

152 100

115 60.8 30.1 90.3

150 159.4 0.0 346.4





#74

N-amyl acetate

Concen: 0.494 ug/l

RT: 12.04 min Scan# 3193

Delta R.T. -0.03 min

Lab File: VN058367.D

Acq: 25 Sep 2019 15:11

Instrument :

MSVOA_N

ClientSampleId :

OK-02-092419

Tot Ion: 43 Resp: 3678

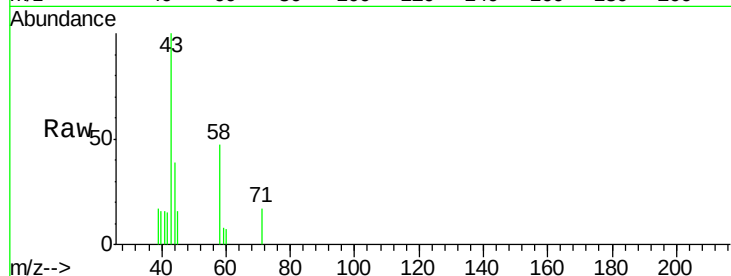
Ion Ratio Lower Upper

43 100

70 0.0 31.0 46.6#

55 3.0 18.5 27.7#

61 0.0 18.2 27.2#

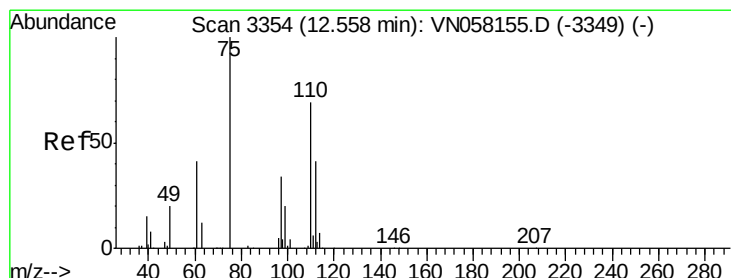
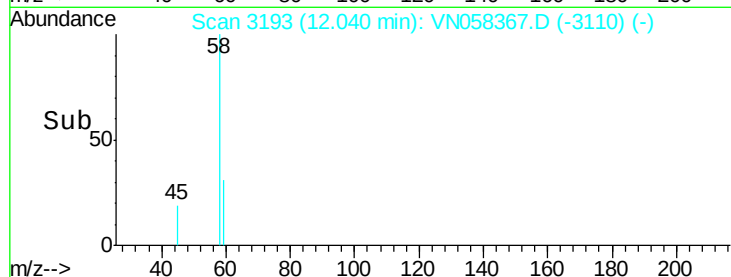
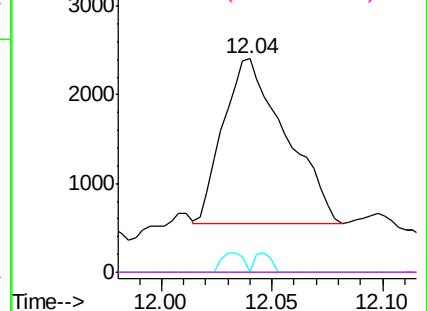


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO



#76

1,2,3-Trichloropropane

Concen: 35.979 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058367.D

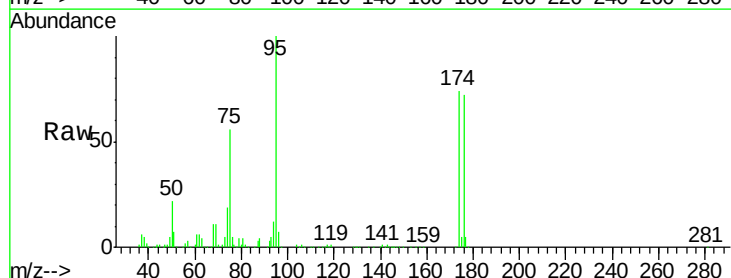
Acq: 25 Sep 2019 15:11

Tgt Ion: 75 Resp: 183182

Ion Ratio Lower Upper

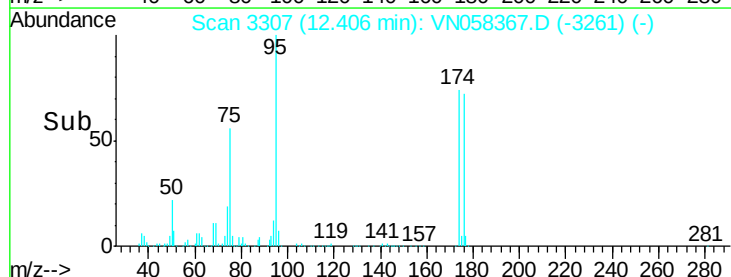
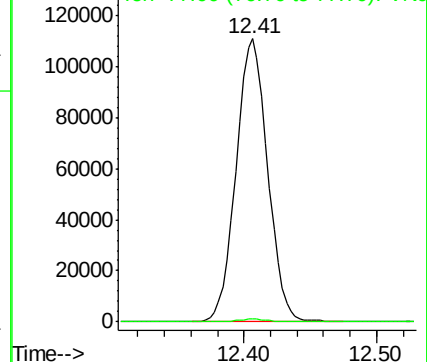
75 100

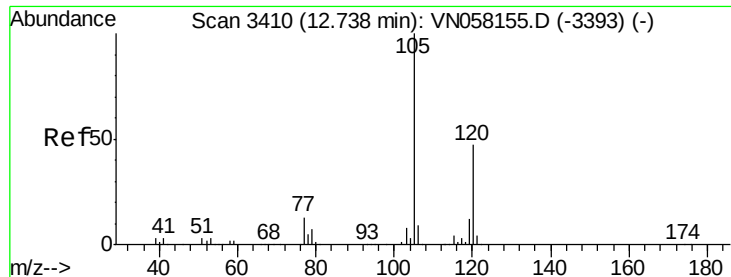
77 0.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#80

1,3,5-Trimethylbenzene

Concen: 0.455 ug/l

RT: 12.74 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN058367.D

Acq: 25 Sep 2019 15:11

Instrument :

MSVOA_N

ClientSampled :

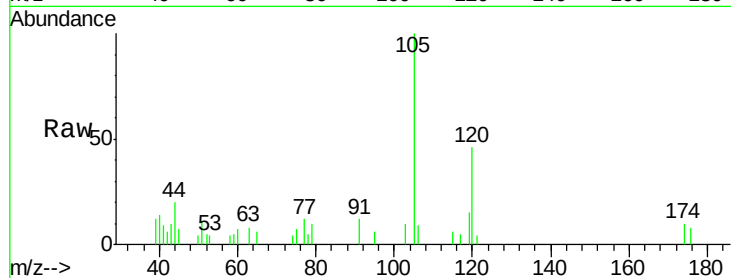
OK-02-092419

Tot Ion:105 Resp: 6848

Ion Ratio Lower Upper

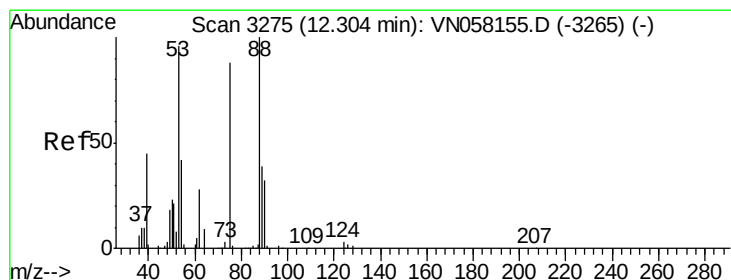
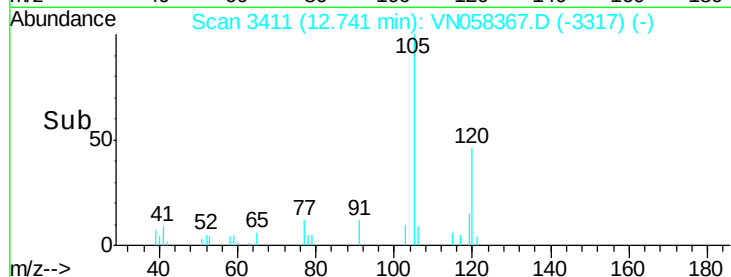
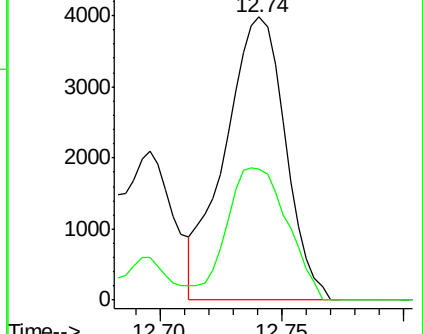
105 100

120 46.6 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 100.483 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058367.D

Acq: 25 Sep 2019 15:11

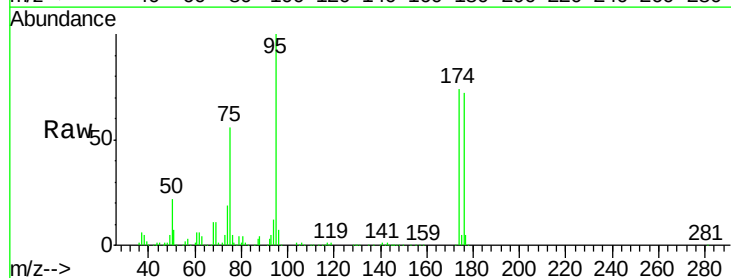
Tgt Ion: 75 Resp: 183182

Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

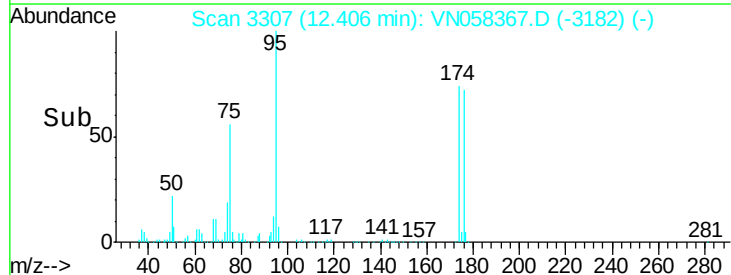
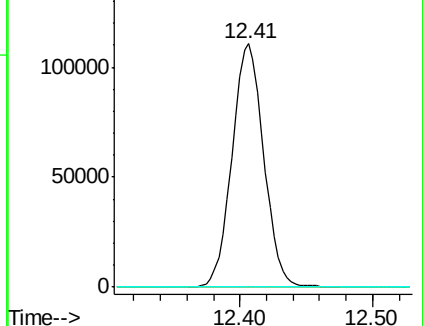
89 0.0 36.2 54.2#

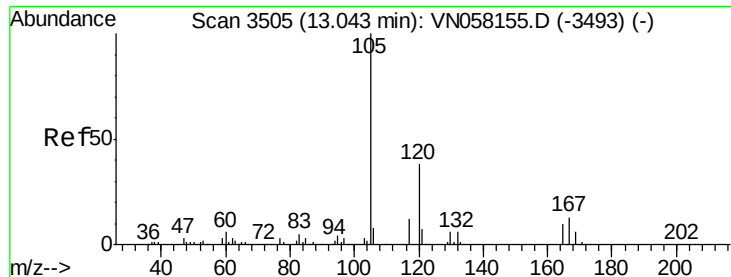


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

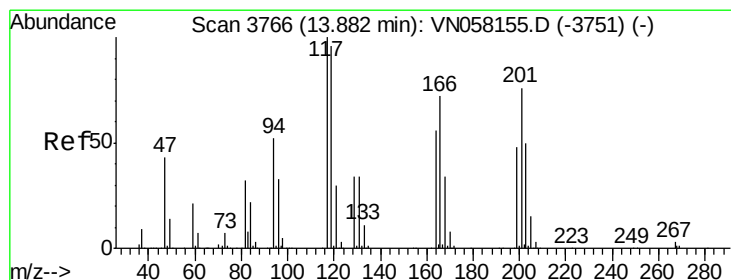
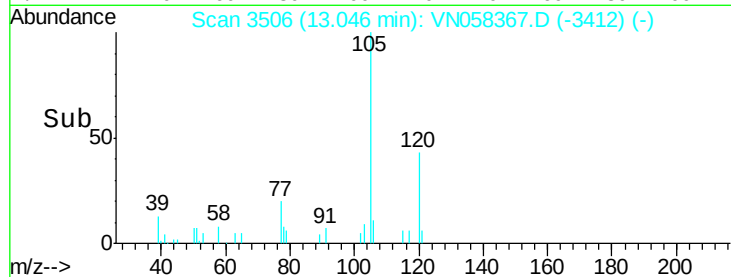
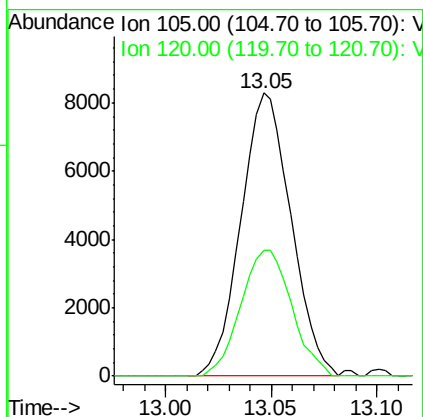
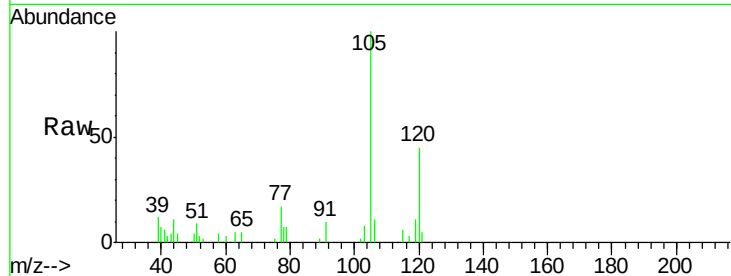




#84
 1,2,4-Trimethylbenzene
 Concen: 0.912 ug/l
 RT: 13.05 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN058367.D
 Acq: 25 Sep 2019 15:11

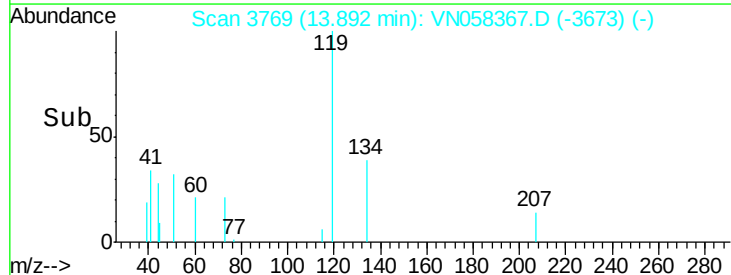
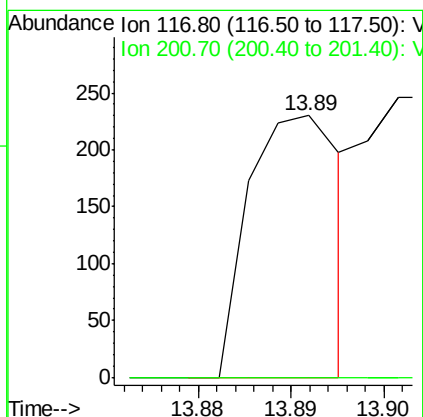
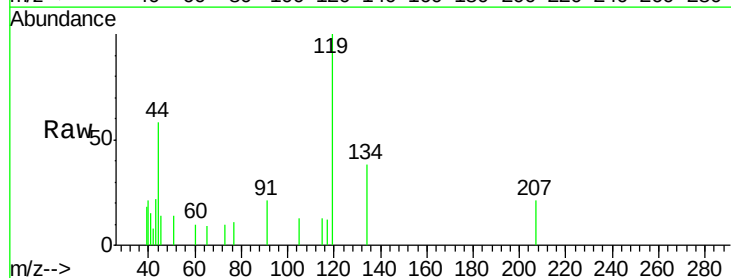
Instrument :
 MSVOA_N
 ClientSampleId :
 OK-02-092419

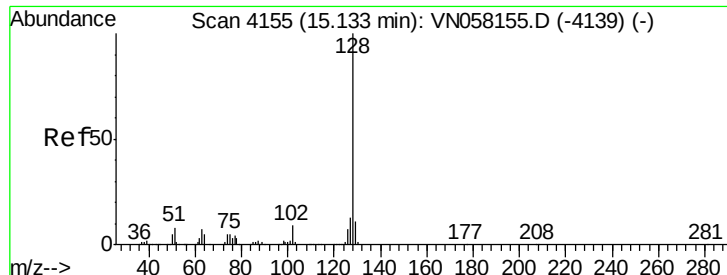
Tot Ion:105 Resp: 13672
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.1 66.5



#90
 Hexachloroethane
 Concen: 2.877 ug/l
 RT: 13.89 min Scan# 3769
 Delta R.T. 0.01 min
 Lab File: VN058367.D
 Acq: 25 Sep 2019 15:11

Tgt Ion:117 Resp: 159
 Ion Ratio Lower Upper
 117 100
 201 0.0 37.5 112.5#





#95

Naphthalene

Concen: 7.989 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN058367.D

Acq: 25 Sep 2019 15:11

Instrument :

MSVOA_N

ClientSampleId :

OK-02-092419

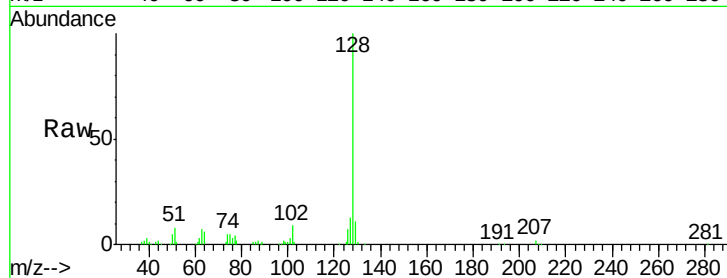
Tot Ion:128 Resp: 108556

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

129 10.9 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

